Table CT1. Energy Consumption Estimates for Selected Energy Sources in Physical Units, Selected Years, 1960-2019, Vermont

Year	Coal	Natural Gas [a]	Petroleum							Nuclear Electric Power	Hydro-electric Power [g]	Fuel Ethanol [h]	Biodiesel
			Distillate Fuel Oil [b]	HGL [c]	Jet Fuel [d]	Motor Gasoline [e]	Residual Fuel Oil	Other [f]	Total				
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels							Million Kilowatthours		Thousand Barrels	
1960	137	0	2,958	404	82	3,332	478	1,178	8,431	0	873	NA	NA
1965	105	0	4,285	450	79	3,789	910	1,059	10,572	0	714	NA	NA
1970	87	3	5,741	542	121	5,077	905	898	13,285	0	786	NA	NA
1971	79	3	5,391	590	112	5,331	916	944	13,285	0	742	NA	NA
1972	56	4	5,674	699	255	5,677	944	778	14,026	169	942	NA	NA
1973	59	4	6,047	685	219	5,763	870	711	14,295	1,598	1,059	NA	NA
1974	60	5	5,071	703	204	5,626	526	643	12,772	2,483	991	NA	NA
1975	31	4	4,642	833	177	5,698	796	502	12,647	3,561	938	NA	NA
1976	24	4	5,470	946	142	6,013	1,250	579	14,400	3,260	1,090	NA	NA
1977	29	4	5,360	946	137	6,125	1,142	542	14,252	3,538	958	NA	NA
1978	19	4	5,280	1,199	134	6,309	979	515	14,416	3,241	874	NA	NA
1979	24	4	5,486	541	172	5,830	347	633	13,008	3,449	930	NA	NA
1980	22	4	4,095	666	155	5,437	471	506	11,331	2,979	813	NA	NA
1981	42	4	3,819	626	82	5,506	348	430	10,811	3,569	1,003	0	NA
1982	50	4	2,699	862	91	5,529	359	407	9,946	4,174	846	0	NA
1983	46	4	3,439	866	106	5,579	318	482	10,791	2,870	1,006	0	NA
1984	55	5	4,085	646	173	5,821	434	872	12,031	3,336	949	0	NA
1985	80	5	4,583	791	201	5,813	122	1,065	12,574	2,999	922	0	NA
1986	26	5	4,289	867	133	5,966	471	967	12,693	2,058	1,044	0	NA
1987	12	5	4,817	1,101	181	6,530	338	983	13,950	3,536	995	0	NA
1988	11	6	5,144	1,157	143	6,797	238	1,022	14,500	4,114	879	0	NA
1989	9	6	4,969	1,504	220	6,554	191	986	14,424	3,607	1,047	0	NA
1990	8	7	4,566	1,401	180	6,696	237	419	13,499	3,616	1,365	0	NA
1991	12	7	4,762	1,634	162	6,772	264	878	14,472	4,108	1,053	0	NA
1992	20	8	5,532	1,912	116	6,879	277	643	15,359	3,735	921	0	NA
1993	6	7	5,539	1,641	124	7,096	474	384	15,259	3,372	981	0	NA
1994	5	7	5,358	1,663	138	7,154	281	522	15,117	4,316	1,039	0	NA
1995	3	7	5,361	1,673	127	7,211	215	535	15,121	3,859	973	0	NA
1996	2	7	5,732	1,834	99	7,331	282	603	15,882	3,799	1,231	0	NA
1997	110	8	5,344	1,540	106	7,606	323	1,153	16,073	4,267	1,067	0	NA
1998	2	8	5,215	1,777	121	7,510	274	752	15,650	3,358	1,194	0	NA
1999	82	8	5,441	1,617	143	7,699	220	612	15,732	4,059	1,196	0	NA
2000	1	10	5,276	1,769	144	8,394	309	721	16,613	4,548	1,221	0	NA
2001	2	8	5,371	2,425	120	8,021	241	806	16,984	4,171	884	0	(s)
2002	1	8	4,866	2,352	65	8,164	253	466	16,166	3,963	1,115	0	(s)
2003	1	8	5,408	1,867	68	8,304	292	530	16,468	4,444	1,154	0	(s)
2004	1	9	5,861	1,987	309	8,407	297	1,037	17,899	3,858	1,187	0	(s)
2005	1	8	5,194	2,234	423	8,408	300	693	17,251	4,072	1,211	48	2
2006	1	8	5,085	2,288	376	8,406	260	591	17,006	5,107	1,519	68	4
2007	1	9	4,917	2,152	317	8,354	238	689	16,668	4,704	647	98	6
2008	0	9	4,420	2,263	266	7,987	227	227	15,390	4,895	1,493	510	5
2009	0	9	4,807	2,423	512	7,964	195	854	16,755	5,361	1,486	749	6
2010	0	8	4,607	2,353	R 139	7,866	157	1,015	R 16,137	4,782	1,347	685	4
2011	0	9	4,791	2,191	R 141	7,618	150	912	R 15,803	4,907	1,425	688	15
2012	0	8	4,227	2,353	R 134	7,409	93	844	R 15,061	4,989	1,151	711	12
2013	0	10	4,388	2,673	R 131	7,549	127	924	R 15,792	4,846	1,286	725	59
2014	0	11	4,597	2,795	R 135	7,465	85	921	R 15,998	5,061	1,175	699	56
2015	0	12	5,092	2,783	R 147	7,417	44	888	R 16,371	0	1,139	683	71
2016	0	12	4,777	2,399	R 140	7,410	37	791	R 15,555	0	1,078	699	120
2017	0	12	4,737	2,348	R 136	7,394	50	R 851	R 15,517	0	1,280	716	126
2018	0	14	4,744	2,835	R 148	6,819	28	R 744	R 15,318	0	1,268	679	R 65
2019	0	14	4,838	2,679	170	7,253	23	674	15,638	0	1,337	719	53

[a] Includes supplemental gaseous fuels that are commingled with natural gas.
[b] Beginning in 2009, includes biodiesel blended into distillate fuel oil.
[c] Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.
[d] 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."
[e] Beginning in 1993, includes fuel ethanol blended into motor gasoline.
[f] Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.
[g] Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.
[h] Includes 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.
NA = Not available.
Where shown, R = Revised data and (s) = Value less than 0.5.
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, 1960-2019, Vermont

(Trillion Btu)

Year	Fossil Fuels										*Fossil Fuels (as commingled)*		
			Petroleum										
	Coal	Natural Gas excluding Supplemental Gaseous Fuels [a]	Distillate Fuel Oil excluding Biodiesel [a]	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]	*Distillate Fuel Oil including Biodiesel* [a]	*Motor Gasoline including Fuel Ethanol* [a]
1960	3.5	0.0	17.2	1.5	0.4	17.5	3.0	6.9	46.6	50.1	*0.0*	*17.2*	*17.5*
1965	2.7	0.0	25.0	1.7	0.4	19.9	5.7	6.2	58.9	61.6	*0.0*	*25.0*	*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*	*33.4*	*26.7*
1971	1.9	3.1	31.4	2.2	0.6	28.0	5.8	5.6	73.7	78.7	*3.1*	*31.4*	*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*	*33.1*	*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*	*35.2*	*30.3*
1974	1.5	4.8	29.5	2.7	1.1	29.6	3.3	3.7	69.9	76.2	*4.8*	*29.5*	*29.6*
1975	0.7	4.0	27.0	3.1	1.0	29.9	5.0	2.9	69.0	73.7	*4.0*	*27.0*	*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*	*31.9*	*31.6*
1977	0.7	4.0	31.2	3.5	0.8	32.2	7.2	3.1	78.0	82.7	*4.0*	*31.2*	*32.2*
1978	0.5	3.8	30.8	4.4	0.7	33.1	6.2	2.9	78.2	82.5	*3.8*	*30.8*	*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*	*32.0*	*30.6*
1980	0.5	4.0	23.9	2.5	0.9	28.6	3.0	2.9	61.6	66.1	*4.0*	*23.9*	*28.6*
1981	1.0	4.4	22.2	2.3	0.5	28.9	2.2	2.5	58.6	64.0	*4.4*	*22.2*	*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*	*15.7*	*29.0*
1983	1.2	4.3	20.0	3.2	0.6	29.3	2.0	2.8	57.9	63.4	*4.3*	*20.0*	*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*	*23.8*	*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*	*26.7*	*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*	*25.0*	*31.3*
1987	0.3	5.1	28.1	4.2	1.0	34.3	2.1	6.0	75.7	81.1	*5.1*	*28.1*	*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*	*30.0*	*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*	*28.9*	*34.4*
1990	0.2	6.7	26.6	5.3	1.0	35.2	1.5	2.4	72.0	78.9	*6.7*	*26.6*	*35.2*
1991	0.3	7.0	27.7	6.2	0.9	35.6	1.7	5.5	77.6	84.8	*7.0*	*27.7*	*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*	*32.2*	*36.1*
1993	0.1	7.2	32.3	6.2	0.7	37.0	3.0	2.2	81.4	88.8	*7.2*	*32.3*	*37.0*
1994	0.1	7.3	31.2	6.3	0.8	37.3	1.8	3.2	80.6	88.0	*7.3*	*31.2*	*37.3*
1995	0.1	7.3	31.2	6.3	0.7	37.5	1.4	3.3	80.4	87.8	*7.3*	*31.2*	*37.5*
1996	(s)	7.5	33.4	7.0	0.6	38.2	1.8	3.7	84.6	92.1	*7.5*	*33.4*	*38.2*
1997	2.7	8.3	31.1	5.9	0.6	39.6	2.0	7.3	86.5	97.5	*8.3*	*31.1*	*39.6*
1998	0.1	7.8	30.3	6.8	0.7	39.1	1.7	4.4	83.0	90.9	*7.8*	*30.3*	*39.1*
1999	2.0	8.1	31.7	6.2	0.8	40.1	1.4	3.7	83.8	93.9	*8.1*	*31.7*	*40.1*
2000	(s)	10.5	30.7	6.7	0.8	43.7	1.9	4.2	88.1	98.6	*10.6*	*30.7*	*43.7*
2001	0.1	7.9	31.3	9.2	0.7	41.7	1.5	4.9	89.2	97.2	*8.0*	*31.3*	*41.7*
2002	(s)	8.4	28.3	8.9	0.4	42.4	1.6	2.8	84.5	92.9	*8.4*	*28.3*	*42.4*
2003	(s)	8.4	31.5	7.1	0.4	43.2	1.8	3.1	87.1	95.5	*8.5*	*31.5*	*43.2*
2004	(s)	8.7	34.1	7.6	1.8	43.7	1.9	6.3	95.3	104.1	*8.7*	*34.1*	*43.7*
2005	(s)	8.4	30.2	8.5	2.4	43.5	1.9	4.1	90.5	99.0	*8.4*	*30.2*	*43.7*
2006	(s)	8.1	29.5	8.6	2.1	43.3	1.6	3.5	88.7	96.8	*8.1*	*29.5*	*43.6*
2007	(s)	8.9	28.4	8.2	1.8	42.6	1.5	4.2	86.8	95.7	*8.9*	*28.4*	*43.0*
2008	0.0	8.7	25.5	8.6	1.5	39.0	1.4	1.3	77.5	86.1	*8.7*	*25.5*	*40.8*
2009	0.0	8.7	27.7	9.3	2.9	37.9	1.2	5.4	84.5	93.2	*8.7*	*27.8*	*40.5*
2010	0.0	8.5	26.6	9.0	R 0.8	37.5	1.0	6.5	R 81.4	R 89.9	*8.5*	*26.6*	*39.9*
2011	0.0	8.7	27.6	8.4	R 0.8	36.2	0.9	5.9	R 79.8	R 88.5	*8.7*	*27.6*	*38.6*
2012	0.0	8.3	24.3	9.0	R 0.8	35.0	0.6	5.5	R 75.2	R 83.5	*8.3*	*24.4*	*37.5*
2013	0.0	9.7	25.0	10.3	R 0.7	35.7	0.8	6.0	R 78.4	R 88.2	*9.7*	*25.3*	*38.2*
2014	0.0	10.9	26.2	10.7	R 0.8	35.3	0.5	5.9	R 79.5	R 90.3	*10.9*	*26.5*	*37.8*
2015	0.0	12.2	29.0	10.7	R 0.8	35.1	0.3	5.7	R 81.6	R 93.9	*12.2*	*29.3*	*37.5*
2016	0.0	12.4	26.9	9.2	R 0.8	35.0	0.2	5.1	R 77.2	R 89.6	*12.4*	*27.5*	*37.5*
2017	0.0	12.3	26.6	9.0	R 0.8	34.9	0.3	5.5	R 77.1	R 89.3	*12.3*	*27.3*	*37.4*
2018	0.0	14.2	R 27.0	10.9	R 0.8	32.1	0.2	4.8	R 75.8	R 90.0	*14.2*	*27.3*	*34.5*
2019	0.0	14.4	27.6	10.3	1.0	34.1	0.1	4.3	77.4	91.8	*14.4*	*27.9*	*36.6*

[a] Supplemental gaseous fuels (SGF) and biofuels are consumed with natural gas and petroleum products. In this table, SGF and biofuels are removed from natural gas and petroleum so that a fossil fuel total can be calculated without double-counting. Biofuels are included in "Renewable Energy."

[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, 1960-2019, Vermont (Continued)

(Trillion Btu)

Year	Nuclear Electric Power	Renewable Energy										Net Interstate Flow of Electricity [k]	Electricity Net 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]	Biodiesel	Losses and Co-products [i]	Total [f]							
1960	0.0	9.4	7.9	NA	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	NA	6.9	0.0	NA	NA	14.4	6.9	0.1	83.1
1970	0.0	8.2	6.5	NA	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	NA	6.8	0.0	NA	NA	14.6	23.5	0.2	117.0
1972	1.8	9.8	6.2	NA	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	NA	6.1	0.0	NA	NA	17.1	7.1	0.2	126.4
1974	27.7	10.4	5.8	NA	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	NA	6.6	0.0	NA	NA	16.4	-15.2	0.3	114.4
1976	36.0	11.3	8.0	NA	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	NA	9.4	0.0	NA	NA	19.4	-11.2	0.3	129.3
1978	35.5	9.1	11.4	NA	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	NA	12.7	0.0	NA	NA	22.3	-5.0	0.5	131.8
1980	32.5	8.4	14.4	NA	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	NA	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	NA	0.0	13.8	0.0	NA	NA	22.7	-13.1	0.7	115.1
1983	31.3	10.6	16.0	0.0	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	0.0	5.3	0.0	(s)	0.0	19.5	-15.1	5.8	127.4
1991	43.1	11.0	6.3	0.0	NA	0.0	6.3	0.0	(s)	0.0	17.3	-17.3	5.8	133.7
1992	39.1	9.5	6.5	0.0	NA	0.0	6.5	0.0	(s)	0.0	16.0	-12.6	7.1	139.6
1993	35.4	10.1	8.1	0.0	NA	0.0	8.1	0.0	(s)	0.0	18.2	-13.8	8.9	137.5
1994	45.1	10.7	8.3	0.0	NA	0.0	8.3	0.0	(s)	0.0	19.1	-25.6	10.4	136.9
1995	40.5	10.0	9.1	0.0	NA	0.0	9.1	0.0	(s)	0.0	19.2	-26.9	13.5	134.1
1996	39.9	12.7	9.1	0.0	NA	0.0	9.1	0.0	(s)	0.0	21.9	-24.7	12.0	141.1
1997	44.8	10.9	9.0	0.0	NA	0.0	9.0	0.0	(s)	0.0	19.9	-30.0	13.6	145.8
1998	35.2	12.2	8.1	0.0	NA	0.0	8.1	0.0	(s)	0.0	20.3	-22.3	13.2	137.3
1999	42.4	12.2	8.4	0.0	NA	0.0	8.4	(s)	(s)	0.1	20.8	-48.3	26.2	135.0
2000	47.4	12.5	8.8	0.0	NA	0.0	8.8	(s)	(s)	0.1	21.4	-32.3	13.4	148.5
2001	43.6	9.1	8.0	0.0	(s)	0.0	8.0	(s)	(s)	0.1	17.3	-19.4	10.2	148.9
2002	41.4	11.3	11.2	0.0	(s)	0.0	11.2	(s)	(s)	0.1	22.7	-15.6	8.3	149.7
2003	46.3	11.7	12.2	0.0	(s)	0.0	12.2	(s)	(s)	0.1	24.1	-20.1	6.5	152.3
2004	40.2	11.9	10.0	0.0	(s)	0.0	10.0	(s)	(s)	0.1	22.0	-10.3	6.6	162.7
2005	42.5	12.1	12.0	0.2	(s)	0.0	12.2	(s)	(s)	0.1	24.5	-12.0	7.2	161.2
2006	53.3	15.1	12.4	0.2	(s)	0.0	12.6	(s)	0.1	0.1	27.9	-28.5	8.3	157.7
2007	49.3	6.4	12.1	0.3	(s)	0.0	12.5	(s)	0.1	0.1	19.0	-17.7	8.5	154.8
2008	51.2	14.7	12.1	1.8	(s)	0.0	13.9	(s)	0.1	0.1	28.8	-28.2	8.5	146.4
2009	56.1	14.5	16.8	2.6	(s)	0.0	19.5	(s)	0.1	0.1	34.2	-35.5	8.7	156.7
2010	50.0	13.1	19.0	2.4	(s)	0.0	21.4	(s)	0.1	0.1	34.8	-27.4	8.3	R 155.6
2011	51.4	13.8	16.2	2.4	0.1	0.0	18.7	(s)	0.2	0.3	33.0	-30.0	8.6	R 151.4
2012	52.3	11.0	14.0	2.5	0.1	0.0	16.6	(s)	0.3	1.0	28.8	-74.6	39.2	R 129.2
2013	50.6	12.3	18.3	2.5	0.3	0.0	21.1	(s)	0.5	2.3	36.1	-77.9	40.1	R 137.1
2014	52.9	11.2	18.0	2.4	0.3	0.0	20.8	(s)	0.6	3.0	35.6	-76.9	38.1	R 140.0
2015	0.0	10.6	24.1	2.4	0.4	0.0	26.8	(s)	1.0	3.0	41.5	-31.9	36.8	R 140.3
2016	0.0	9.9	21.6	2.4	0.6	0.0	R 24.7	(s)	1.3	2.7	R 38.7	R -23.9	30.6	R 134.9
2017	0.0	11.8	R 21.1	2.5	0.7	0.0	24.3	(s)	2.0	2.8	R 40.9	-31.6	35.3	R 134.0
2018	0.0	11.5	24.3	2.4	0.4	0.0	27.0	(s)	2.3	3.4	R 44.3	-28.8	33.2	R 138.6
2019	0.0	11.9	22.9	2.5	0.3	0.0	25.7	(s)	2.8	3.4	43.8	-46.9	48.2	136.9

[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 biodiesel and 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.

Table CT3. Total End-Use Energy Consumption Estimates, Selected Years, 1960-2019, Vermont

Year	Coal	Natural Gas [a]	Petroleum							Hydro-electric Power [g,h]	Biomass		Geo-thermal [h]	Solar [h,k]	Electricity Retail Sales	Net Energy [h,l]	Electrical System Energy Losses [m]	Total [h,l]
			Distillate Fuel Oil [b]	HGL [c]	Jet Fuel [d]	Motor Gasoline [e]	Residual Fuel Oil	Other [f]	Total		Wood and Waste [h,i]	Losses and Co-products [j]						
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels							Million Kilowatt-hours					Million Kilowatt-hours			
1960	118	0	2,949	404	82	3,332	477	1,178	8,421	64	– –	– –	– –	– –	875	– –	– –	– –
1970	32	3	5,474	542	121	5,077	882	898	12,994	62	– –	– –	– –	– –	2,612	– –	– –	– –
1980	13	4	4,050	666	137	5,437	471	506	11,267	70	– –	– –	– –	– –	3,951	– –	– –	– –
1990	8	6	4,558	1,401	180	6,696	237	419	13,491	17	– –	– –	– –	– –	4,716	– –	– –	– –
2000	1	9	5,116	1,769	144	8,394	309	721	16,454	20	– –	– –	– –	– –	5,639	– –	– –	– –
2001	2	8	5,284	2,425	120	8,021	241	806	16,897	16	– –	– –	– –	– –	5,585	– –	– –	– –
2002	1	8	4,835	2,352	65	8,164	253	466	16,135	16	– –	– –	– –	– –	5,629	– –	– –	– –
2003	1	8	5,351	1,867	68	8,304	292	530	16,412	6	– –	– –	– –	– –	5,352	– –	– –	– –
2004	1	9	5,816	1,987	309	8,407	297	1,037	17,854	21	– –	– –	– –	– –	5,664	– –	– –	– –
2005	1	8	5,181	2,234	423	8,408	300	693	17,239	21	– –	– –	– –	– –	5,883	– –	– –	– –
2006	1	8	5,077	2,288	376	8,406	260	591	16,998	22	– –	– –	– –	– –	5,795	– –	– –	– –
2007	1	9	4,909	2,152	317	8,354	238	689	16,659	2	– –	– –	– –	– –	5,864	– –	– –	– –
2008	0	9	4,414	2,263	266	7,987	226	227	15,383	21	– –	– –	– –	– –	5,741	– –	– –	– –
2009	0	9	4,804	2,423	512	7,964	194	854	16,751	25	– –	– –	– –	– –	5,497	– –	– –	– –
2010	0	8	4,602	2,353	R 139	7,866	157	1,015	R 16,132	25	– –	– –	– –	– –	5,595	– –	– –	– –
2011	0	9	4,785	2,191	R 141	7,618	149	912	R 15,795	24	– –	– –	– –	– –	5,550	– –	– –	– –
2012	0	8	4,225	2,353	R 134	7,409	93	844	R 15,058	23	– –	– –	– –	– –	5,511	– –	– –	– –
2013	0	10	4,380	2,673	R 131	7,549	127	924	R 15,784	0	– –	– –	– –	– –	5,588	– –	– –	– –
2014	0	11	4,589	2,795	R 135	7,465	85	921	R 15,991	0	– –	– –	– –	– –	5,570	– –	– –	– –
2015	0	12	5,087	2,783	R 147	7,417	44	888	R 16,367	0	– –	– –	– –	– –	5,521	– –	– –	– –
2016	0	12	4,769	2,399	R 140	7,410	37	791	R 15,547	0	– –	– –	– –	– –	5,516	– –	– –	– –
2017	0	12	4,722	2,348	R 136	7,394	50	R 851	R 15,502	0	– –	– –	– –	– –	5,424	– –	– –	– –
2018	0	14	4,736	2,835	R 148	6,819	28	R 744	R 15,311	0	– –	– –	– –	– –	5,531	– –	– –	– –
2019	0	14	4,835	2,679	170	7,253	23	674	15,635	0	– –	– –	– –	– –	5,428	– –	– –	– –
			Trillion Btu															
1960	3.0	0.0	17.2	1.5	0.4	17.5	3.0	6.9	46.6	0.7	7.9	NA	NA	NA	3.0	61.2	7.4	68.6
1970	0.8	2.7	31.9	2.1	0.7	26.7	5.5	5.4	72.2	0.6	6.5	NA	NA	NA	8.9	91.7	21.6	113.2
1980	0.3	3.7	23.6	2.5	0.8	28.6	3.0	2.9	61.3	0.7	13.9	NA	NA	NA	13.5	93.4	32.4	125.8
1990	0.2	6.0	26.6	5.3	1.0	35.2	1.5	2.4	72.0	0.2	4.3	0.0	0.0	(s)	16.1	98.7	28.7	127.4
2000	(s)	9.5	29.8	6.7	0.8	43.7	1.9	4.2	87.1	0.2	4.9	0.0	(s)	(s)	19.2	121.0	27.5	148.5
2001	0.1	7.9	30.7	9.2	0.7	41.7	1.5	4.9	88.7	0.2	4.1	0.0	(s)	(s)	19.1	119.9	28.9	148.9
2002	(s)	8.4	28.1	8.9	0.4	42.4	1.6	2.8	84.3	0.2	2.8	0.0	(s)	(s)	19.2	114.9	34.8	149.7
2003	(s)	8.4	31.1	7.1	0.4	43.2	1.8	3.1	86.7	0.1	2.8	0.0	(s)	(s)	18.3	116.4	36.0	152.3
2004	(s)	8.7	33.8	7.6	1.8	43.7	1.9	6.3	95.1	0.2	3.2	0.0	(s)	(s)	19.3	126.5	36.2	162.7
2005	(s)	8.4	30.1	8.5	2.4	43.7	1.9	4.1	90.6	0.2	6.8	0.0	(s)	(s)	20.1	126.1	35.1	161.2
2006	(s)	8.0	29.5	8.6	2.1	43.6	1.6	3.5	88.9	0.2	6.5	0.0	(s)	0.1	19.8	123.6	34.2	157.7
2007	(s)	8.8	28.4	8.2	1.8	43.0	1.5	4.2	87.0	(s)	6.0	0.0	(s)	0.1	20.0	122.1	32.7	154.8
2008	0.0	8.6	25.5	8.6	1.5	40.8	1.4	1.3	79.2	0.2	6.5	0.0	(s)	0.1	19.6	114.2	32.2	146.4
2009	0.0	8.6	27.8	9.3	2.9	40.5	1.2	5.4	87.1	0.2	11.2	0.0	(s)	0.1	18.8	126.0	30.7	156.7
2010	0.0	8.4	26.6	9.0	R 0.8	39.9	1.0	6.5	R 83.8	0.2	12.5	0.0	(s)	0.1	19.1	R 124.2	31.4	R 155.6
2011	0.0	8.6	27.6	8.4	R 0.8	38.6	0.9	5.9	R 82.2	0.2	10.6	0.0	(s)	0.2	18.9	R 120.8	30.6	R 151.4
2012	0.0	8.3	24.4	9.0	R 0.8	37.5	0.6	5.5	R 77.7	0.2	9.1	0.0	(s)	0.2	18.8	R 114.3	14.9	R 129.2
2013	0.0	9.7	25.2	10.3	R 0.7	38.2	0.8	6.0	R 81.2	0.0	11.5	0.0	(s)	0.3	19.1	R 121.8	15.3	R 137.1
2014	0.0	10.8	26.4	10.7	R 0.8	37.8	0.5	5.9	R 82.2	0.0	11.7	0.0	(s)	0.4	19.0	R 124.1	15.9	R 140.0
2015	0.0	12.2	29.3	10.7	R 0.8	37.5	0.3	5.7	R 84.3	0.0	17.5	0.0	(s)	0.6	18.8	R 133.6	6.7	R 140.3
2016	0.0	12.4	27.5	9.2	R 0.8	37.5	0.2	5.1	R 80.2	0.0	R 15.0	0.0	(s)	0.8	18.8	R 127.2	7.6	R 134.9
2017	0.0	12.3	27.2	9.0	R 0.8	37.4	0.3	5.5	R 80.1	0.0	15.0	0.0	(s)	1.1	18.5	R 127.0	7.0	R 134.0
2018	0.0	14.2	27.3	10.9	R 0.8	34.5	0.2	4.8	R 78.4	0.0	R 18.3	0.0	(s)	1.3	18.9	R 131.1	7.5	R 138.6
2019	0.0	14.4	27.8	10.3	1.0	36.6	0.1	4.3	80.2	0.0	17.0	0.0	(s)	1.5	18.5	131.6	5.3	136.9

[a] Includes supplemental gaseous fuels that are commingled with natural gas.
[b] Beginning in 2009, includes biodiesel blended into distillate fuel oil.
[c] Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.
[d] 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."
[e] Beginning in 1993, includes fuel ethanol blended into motor gasoline.
[f] Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.
[g] Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.
[h] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.
[i] Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
[j] Losses and co-products from the production of biodiesel and fuel ethanol.
[k] Solar thermal and photovoltaic energy.
[l] Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total. For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column. Beginning in 2009, includes a small amount of wind energy consumed by the commercial and industrial sectors.
[m] Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

– – = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: Total end-use consumption estimates are the sum of the consumption estimates for the residential, commercial, industrial, and transportation sectors. · 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 CT4. Residential Sector Energy Consumption Estimates, Selected Years, 1960-2019, Vermont

Year	Coal [a]	Natural Gas [b]	Petroleum				Biomass	Geothermal [e]	Solar [e,f]	Electricity Retail Sales	Net Energy [e,g]	Electrical System Energy Losses [h]	Total [e,g]
			Distillate Fuel Oil	HGL [c]	Kerosene	Total							
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels				Wood [d]			Million Kilowatthours			
1960	45	0	2,044	208	701	2,953	– –	– –	– –	451	– –	– –	– –
1965	27	0	3,110	255	649	4,014	– –	– –	– –	678	– –	– –	– –
1970	16	1	3,873	287	436	4,596	– –	– –	– –	1,216	– –	– –	– –
1975	5	1	3,101	447	235	3,783	– –	– –	– –	1,427	– –	– –	– –
1980	2	1	2,171	287	230	2,688	– –	– –	– –	1,781	– –	– –	– –
1985	10	1	2,482	484	514	3,481	– –	– –	– –	1,538	– –	– –	– –
1990	1	2	2,293	894	193	3,380	– –	– –	– –	1,809	– –	– –	– –
1995	(s)	2	2,321	985	180	3,487	– –	– –	– –	1,973	– –	– –	– –
2000	(s)	3	2,450	1,059	326	3,836	– –	– –	– –	2,037	– –	– –	– –
2001	(s)	3	2,220	1,454	320	3,994	– –	– –	– –	2,009	– –	– –	– –
2002	(s)	3	2,114	1,454	186	3,754	– –	– –	– –	2,047	– –	– –	– –
2003	(s)	3	2,371	1,200	276	3,847	– –	– –	– –	2,011	– –	– –	– –
2004	(s)	3	2,696	1,212	400	4,308	– –	– –	– –	2,109	– –	– –	– –
2005	(s)	3	2,257	1,456	381	4,094	– –	– –	– –	2,189	– –	– –	– –
2006	(s)	3	2,119	1,354	355	3,828	– –	– –	– –	2,142	– –	– –	– –
2007	(s)	3	2,157	1,286	248	3,691	– –	– –	– –	2,170	– –	– –	– –
2008	0	3	1,869	1,291	109	3,269	– –	– –	– –	2,133	– –	– –	– –
2009	0	3	2,022	1,561	168	3,752	– –	– –	– –	2,122	– –	– –	– –
2010	0	3	1,675	1,541	150	3,366	– –	– –	– –	2,128	– –	– –	– –
2011	0	3	1,769	1,289	104	3,162	– –	– –	– –	2,125	– –	– –	– –
2012	0	3	1,428	1,308	51	2,788	– –	– –	– –	2,095	– –	– –	– –
2013	0	3	1,622	1,568	50	3,240	– –	– –	– –	2,125	– –	– –	– –
2014	0	4	1,767	1,660	79	3,507	– –	– –	– –	2,121	– –	– –	– –
2015	0	4	1,885	1,609	65	3,559	– –	– –	– –	2,089	– –	– –	– –
2016	0	4	1,738	1,447	86	3,271	– –	– –	– –	2,056	– –	– –	– –
2017	0	4	1,784	1,673	60	3,518	– –	– –	– –	2,023	– –	– –	– –
2018	0	4	1,831	1,849	58	3,738	– –	– –	– –	2,116	– –	– –	– –
2019	0	4	1,996	1,839	67	3,902	– –	– –	– –	2,082	– –	– –	– –
							Trillion Btu						
1960	1.1	0.0	11.9	0.8	4.0	16.7	3.5	NA	NA	1.5	22.8	3.8	26.6
1965	0.7	0.0	18.1	1.0	3.7	22.8	2.7	NA	NA	2.3	28.5	5.5	34.0
1970	0.4	1.1	22.6	1.1	2.5	26.1	2.1	NA	NA	4.1	33.8	10.0	43.9
1975	0.1	1.1	18.1	1.7	1.3	21.1	2.5	NA	NA	4.9	29.7	11.7	41.4
1980	0.1	1.3	12.6	1.1	1.3	15.1	4.3	NA	NA	6.1	26.8	14.6	41.4
1985	0.2	1.4	14.5	1.9	2.9	19.2	3.1	NA	NA	5.2	29.3	12.0	41.3
1990	(s)	2.1	13.4	3.4	1.1	17.9	2.0	0.0	(s)	6.2	28.2	11.0	39.2
1995	(s)	2.3	13.5	3.8	1.0	18.3	2.2	0.0	(s)	6.7	29.5	9.0	38.6
2000	(s)	2.9	14.3	4.1	1.8	20.2	1.6	(s)	(s)	7.0	31.6	9.9	41.6
2001	(s)	2.8	12.9	5.6	1.8	20.3	1.3	(s)	(s)	6.9	31.2	10.4	41.6
2002	(s)	2.8	12.3	5.6	1.1	18.9	1.3	(s)	(s)	7.0	30.0	12.7	42.7
2003	(s)	3.1	13.8	4.6	1.6	20.0	1.4	(s)	(s)	6.9	31.4	13.5	44.9
2004	(s)	3.1	15.7	4.7	2.3	22.6	1.4	(s)	(s)	7.2	34.4	13.5	47.9
2005	(s)	3.1	13.1	5.6	2.2	20.9	3.9	(s)	(s)	7.5	35.4	13.0	48.5
2006	(s)	2.9	12.3	5.2	2.0	19.5	3.5	(s)	(s)	7.3	33.2	12.6	45.9
2007	(s)	3.2	12.5	4.9	1.4	18.8	3.8	(s)	0.1	7.4	33.3	12.1	45.5
2008	0.0	3.1	10.8	5.0	0.6	16.4	4.3	(s)	0.1	7.3	31.1	12.0	43.1
2009	0.0	3.2	11.7	6.0	1.0	18.6	8.5	(s)	0.1	7.2	37.7	11.8	49.6
2010	0.0	3.1	9.7	5.9	0.9	16.4	9.2	(s)	0.1	7.3	36.1	11.9	48.0
2011	0.0	3.2	10.2	5.0	0.6	15.7	8.9	(s)	0.1	7.2	35.3	11.7	47.0
2012	0.0	3.0	8.2	5.0	0.3	13.6	7.4	(s)	0.2	7.1	31.4	5.7	37.1
2013	0.0	3.5	9.3	6.0	0.3	15.7	9.7	(s)	0.2	7.3	36.3	5.8	42.2
2014	0.0	3.9	10.2	6.4	0.4	17.0	9.8	(s)	0.3	7.2	38.3	6.1	44.4
2015	0.0	3.9	10.9	6.2	0.4	17.4	14.7	(s)	0.4	7.1	43.6	2.6	46.2
2016	0.0	3.6	10.0	5.6	0.5	16.0	R 12.3	(s)	0.6	7.0	39.5	R 2.9	R 42.4
2017	0.0	3.6	10.3	6.4	0.3	17.0	R 12.3	(s)	0.7	6.9	R 40.6	2.6	R 43.2
2018	0.0	4.2	10.5	7.1	0.3	18.0	R 15.5	(s)	0.8	7.2	R 45.8	2.9	R 48.7
2019	0.0	4.3	11.5	7.1	0.4	18.9	14.5	(s)	0.9	7.1	45.8	2.0	47.8

[a] Beginning in 2008, data are no longer collected and are assumed to be zero.
[b] Includes supplemental gaseous fuels that are commingled with natural gas.
[c] Hydrocarbon gas liquids, assumed to be propane only.
[d] Wood and wood-derived fuels.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.
[f] Solar thermal and photovoltaic energy. Includes solar thermal energy consumed as heat by the commercial and industrial sectors.
[g] Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.
[h] Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

– – = Not applicable. NA = Not available.
Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.
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 CT5. Commercial Sector Energy Consumption Estimates, Selected Years, 1960-2019, Vermont

Year	Coal	Natural Gas [a]	Petroleum						Hydro-electric Power [e,f]	Biomass	Geothermal [f]	Solar [f,h]	Electricity Retail Sales	Net Energy [f,i]	Electrical System Energy Losses [j]	Total [f,i]
			Distillate Fuel Oil	HGL [b]	Kerosene	Motor Gasoline [c]	Residual Fuel Oil	Total [d]		Wood and Waste [f,g]						
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels						Million Kilowatthours			Million Kilowatthours				
1960	31	0	418	96	43	127	225	909	NA	– –	– –	NA	233	– –	– –	– –
1965	21	0	636	117	40	24	422	1,239	NA	– –	– –	NA	303	– –	– –	– –
1970	13	1	792	132	27	25	414	1,390	NA	– –	– –	NA	609	– –	– –	– –
1975	11	1	634	206	15	30	373	1,257	NA	– –	– –	NA	709	– –	– –	– –
1980	9	1	620	132	44	33	237	1,065	NA	– –	– –	NA	923	– –	– –	– –
1985	36	2	591	223	36	40	24	914	NA	– –	– –	NA	959	– –	– –	– –
1990	6	2	669	411	12	41	119	1,253	0	– –	– –	(s)	1,526	– –	– –	– –
1995	3	3	692	453	14	7	71	1,236	0	– –	– –	(s)	1,647	– –	– –	– –
2000	1	3	1,040	487	23	7	101	1,659	0	– –	– –	(s)	1,956	– –	– –	– –
2001	2	2	1,009	668	35	7	92	1,811	0	– –	– –	(s)	1,968	– –	– –	– –
2002	1	2	865	669	16	7	121	1,677	0	– –	– –	(s)	1,991	– –	– –	– –
2003	1	3	971	524	21	7	151	1,674	0	– –	– –	(s)	1,881	– –	– –	– –
2004	1	3	1,036	625	34	7	147	1,848	0	– –	– –	(s)	1,978	– –	– –	– –
2005	1	3	858	511	31	7	145	1,552	0	– –	– –	(s)	2,051	– –	– –	– –
2006	1	2	812	516	26	7	130	1,491	0	– –	– –	(s)	2,027	– –	– –	– –
2007	1	3	766	642	27	7	87	1,529	0	– –	– –	(s)	2,059	– –	– –	– –
2008	0	2	561	778	6	7	109	1,461	0	– –	– –	(s)	2,043	– –	– –	– –
2009	0	2	701	766	14	7	89	1,576	0	– –	– –	(s)	1,991	– –	– –	– –
2010	0	2	668	736	8	7	59	1,477	0	– –	– –	(s)	2,021	– –	– –	– –
2011	0	2	647	826	9	7	53	1,541	0	– –	– –	3	2,009	– –	– –	– –
2012	0	2	527	971	3	7	36	1,544	0	– –	– –	4	1,994	– –	– –	– –
2013	0	5	567	996	3	7	37	1,610	0	– –	– –	5	2,017	– –	– –	– –
2014	0	5	619	1,045	6	7	24	1,701	0	– –	– –	8	2,031	– –	– –	– –
2015	0	6	826	1,094	5	131	17	2,073	0	– –	– –	18	2,011	– –	– –	– –
2016	0	6	576	896	6	133	19	1,629	0	– –	– –	24	2,014	– –	– –	– –
2017	0	6	555	548	4	135	27	1,269	0	– –	– –	40	1,977	– –	– –	– –
2018	0	7	548	907	3	140	11	1,609	0	– –	– –	47	2,004	– –	– –	– –
2019	0	7	558	796	6	141	6	1,507	0	– –	– –	57	1,934	– –	– –	– –
			Trillion Btu													
1960	0.8	0.0	2.4	0.4	0.2	0.7	1.4	5.1	NA	0.1	NA	NA	0.8	6.8	2.0	8.7
1965	0.5	0.0	3.7	0.4	0.2	0.1	2.7	7.2	NA	0.1	NA	NA	1.0	8.7	2.5	11.2
1970	0.3	0.6	4.6	0.5	0.2	0.1	2.6	8.0	NA	(s)	NA	NA	2.1	11.0	5.0	16.0
1975	0.2	0.8	3.7	0.8	0.1	0.2	2.3	7.1	NA	(s)	NA	NA	2.4	10.5	5.8	16.4
1980	0.2	0.8	3.6	0.5	0.2	0.2	1.5	6.0	NA	0.1	NA	NA	3.1	10.3	7.6	17.9
1985	0.9	1.6	3.4	0.9	0.2	0.2	0.1	4.9	NA	0.1	NA	NA	3.3	10.6	7.5	18.1
1990	0.1	2.0	3.9	1.6	0.1	0.2	0.7	6.5	0.0	0.2	0.0	(s)	5.2	14.1	9.3	23.4
1995	0.1	2.7	4.0	1.7	0.1	(s)	0.4	6.3	0.0	0.3	0.0	(s)	5.6	15.0	7.5	22.5
2000	(s)	2.6	6.1	1.9	0.1	(s)	0.6	8.7	0.0	0.3	0.0	(s)	6.7	18.3	9.5	27.9
2001	(s)	2.5	5.9	2.6	0.2	(s)	0.6	9.2	0.0	0.2	0.0	(s)	6.7	18.7	10.2	28.9
2002	(s)	2.5	5.0	2.6	0.1	(s)	0.8	8.5	0.0	0.2	0.0	(s)	6.8	18.0	12.3	30.3
2003	(s)	2.8	5.7	2.0	0.1	(s)	1.0	8.8	0.0	0.2	0.0	(s)	6.4	18.2	12.6	30.9
2004	(s)	2.7	6.0	2.4	0.2	(s)	0.9	9.6	0.0	0.2	0.0	(s)	6.7	19.3	12.6	31.9
2005	(s)	2.6	5.0	2.0	0.2	(s)	0.9	8.1	0.0	0.6	0.0	(s)	7.0	18.3	12.2	30.6
2006	(s)	2.4	4.7	2.0	0.1	(s)	0.8	7.7	0.0	0.6	0.0	(s)	6.9	17.6	11.9	29.5
2007	(s)	2.6	4.4	2.5	0.2	(s)	0.5	7.6	0.0	0.6	0.0	(s)	7.0	17.9	11.5	29.4
2008	0.0	2.5	3.2	3.0	(s)	(s)	0.7	7.0	0.0	0.7	0.0	(s)	7.0	17.1	11.4	28.6
2009	0.0	2.5	4.1	2.9	0.1	(s)	0.6	7.7	0.0	1.2	0.0	(s)	6.8	18.2	11.1	29.3
2010	0.0	2.4	3.9	2.8	(s)	(s)	0.4	7.1	0.0	1.2	0.0	(s)	6.9	17.6	11.3	29.0
2011	0.0	2.5	3.7	3.2	(s)	(s)	0.3	7.3	0.0	1.3	0.0	(s)	6.9	18.0	11.1	29.1
2012	0.0	2.3	3.0	3.7	(s)	(s)	0.2	7.0	0.0	1.2	0.0	(s)	6.8	17.4	5.4	22.8
2013	0.0	4.8	3.3	3.8	(s)	(s)	0.2	7.4	0.0	1.4	0.0	(s)	6.9	20.5	5.5	26.0
2014	0.0	4.9	3.6	4.0	(s)	(s)	0.2	7.8	0.0	1.4	0.0	0.1	6.9	21.1	5.8	26.9
2015	0.0	6.1	4.8	4.2	(s)	0.7	0.1	9.8	0.0	2.3	0.0	0.2	6.9	25.2	2.5	27.7
2016	0.0	6.4	3.3	3.4	(s)	0.7	0.1	7.6	0.0	2.3	0.0	0.2	6.9	23.4	2.8	26.2
2017	0.0	6.4	3.2	2.1	(s)	0.7	0.2	6.2	0.0	2.4	0.0	0.4	6.7	22.1	2.5	24.6
2018	0.0	7.6	3.2	3.5	(s)	0.7	0.1	7.4	0.0	2.5	0.0	0.4	6.8	24.8	2.7	27.5
2019	0.0	7.6	3.2	3.1	(s)	0.7	(s)	7.1	0.0	2.3	0.0	0.5	6.6	24.0	1.9	25.9

[a] Includes supplemental gaseous fuels that are commingled with natural gas.
[b] Hydrocarbon gas liquids, assumed to be propane only.
[c] Beginning in 1993, includes fuel ethanol blended into motor gasoline. There is a discontinuity in this time series between 2014 and 2015 because of coverage. See Technical Notes, Section 4.
[d] Includes small amounts of petroleum coke not shown separately.
[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] Solar thermal and photovoltaic energy. Excludes a small amount of solar thermal energy consumed as heat that is included in the residential sector.
[i] Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total. For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column. Beginning in 2009, includes a small amount of wind energy consumed by commercial utility-scale facilities.
[j] Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

– – = Not applicable. NA = Not available.
Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.
Notes: Totals may not equal sum of components due to independent rounding. · The commercial sector includes commercial combined-heat-and-power (CHP) and commercial electricity-only plants. · 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 CT6. Industrial Sector Energy Consumption Estimates, Selected Years, 1960-2019, Vermont

Year	Coal	Natural Gas [a]	Petroleum						Hydro-electric Power [e,f]	Biomass		Geo-thermal [f]	Solar [f,i]	Electricity Retail Sales	Net Energy [f,j]	Electrical System Energy Losses [k]	Total [f,j]
			Distillate Fuel Oil	HGL [b]	Motor Gasoline [c]	Residual Fuel Oil	Other [d]	Total		Wood and Waste [f,g]	Losses and Co-products [h]						
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels						Million kWh				Million kWh				
1960	41	0	234	99	0	252	346	931	64	– –	– –	– –	NA	191	– –	– –	– –
1965	14	0	316	77	100	484	301	1,278	53	– –	– –	– –	NA	352	– –	– –	– –
1970	3	1	463	121	68	466	372	1,489	62	– –	– –	– –	NA	787	– –	– –	– –
1975	2	2	364	179	77	421	196	1,237	67	– –	– –	– –	NA	858	– –	– –	– –
1980	2	2	501	245	19	235	156	1,155	70	– –	– –	– –	NA	1,247	– –	– –	– –
1985	6	2	500	70	117	98	445	1,230	70	– –	– –	– –	NA	1,518	– –	– –	– –
1990	1	2	554	85	81	115	146	981	17	– –	– –	– –	(s)	1,381	– –	– –	– –
1995	0	2	328	220	89	144	278	1,058	18	– –	– –	– –	(s)	1,484	– –	– –	– –
2000	0	4	381	223	79	207	277	1,166	20	– –	– –	– –	(s)	1,646	– –	– –	– –
2001	0	3	366	303	170	149	358	1,344	16	– –	– –	– –	(s)	1,608	– –	– –	– –
2002	0	3	338	229	179	132	205	1,083	16	– –	– –	– –	(s)	1,592	– –	– –	– –
2003	0	2	445	139	210	141	178	1,112	6	– –	– –	– –	(s)	1,460	– –	– –	– –
2004	0	3	586	145	237	151	537	1,656	21	– –	– –	– –	(s)	1,577	– –	– –	– –
2005	0	3	560	259	235	156	210	1,419	21	– –	– –	– –	(s)	1,644	– –	– –	– –
2006	0	3	509	411	264	130	149	1,463	22	– –	– –	– –	(s)	1,626	– –	– –	– –
2007	0	3	396	220	198	151	352	1,318	2	– –	– –	– –	(s)	1,635	– –	– –	– –
2008	0	3	519	165	115	117	59	976	21	– –	– –	– –	(s)	1,565	– –	– –	– –
2009	0	3	533	91	114	105	622	1,466	25	– –	– –	– –	(s)	1,383	– –	– –	– –
2010	0	3	551	72	149	97	798	1,667	25	– –	– –	– –	(s)	1,446	– –	– –	– –
2011	0	3	678	73	149	96	743	1,739	24	– –	– –	– –	(s)	1,417	– –	– –	– –
2012	0	3	608	68	127	56	739	1,598	23	– –	– –	– –	(s)	1,422	– –	– –	– –
2013	0	1	497	107	129	90	819	1,642	0	– –	– –	– –	(s)	1,446	– –	– –	– –
2014	0	2	539	86	124	61	786	1,596	0	– –	– –	– –	(s)	1,418	– –	– –	– –
2015	0	2	521	R 76	95	27	760	R 1,479	0	– –	– –	– –	(s)	1,422	– –	– –	– –
2016	0	2	550	54	91	14	644	R 1,352	0	– –	– –	– –	(s)	1,446	– –	– –	– –
2017	0	2	591	125	92	16	R 736	R 1,560	0	– –	– –	– –	2	1,424	– –	– –	– –
2018	0	2	603	78	93	17	R 634	R 1,425	0	– –	– –	– –	2	1,411	– –	– –	– –
2019	0	2	619	43	90	16	555	1,324	0	– –	– –	– –	2	1,412	– –	– –	– –
			Trillion Btu														
1960	1.1	0.0	1.4	0.4	0.0	1.6	2.2	5.5	0.7	4.4	NA	NA	NA	0.7	12.3	1.6	14.0
1965	0.4	0.0	1.8	0.3	0.5	3.0	1.9	7.6	0.6	4.1	NA	NA	NA	1.2	13.8	2.9	16.7
1970	0.1	1.1	2.7	0.4	0.4	2.9	2.4	8.8	0.6	4.3	NA	NA	NA	2.7	17.6	6.5	24.1
1975	0.1	1.5	2.1	0.6	0.4	2.6	1.1	6.9	0.7	4.1	NA	NA	NA	2.9	16.3	7.0	23.3
1980	(s)	1.6	2.9	0.9	0.1	1.5	0.9	6.3	0.7	9.5	NA	NA	NA	4.3	22.4	10.2	32.7
1985	0.1	1.9	2.9	0.2	0.6	0.6	2.8	7.2	0.7	11.2	0.0	NA	NA	5.2	26.3	11.9	38.1
1990	(s)	1.8	3.2	0.3	0.4	0.7	0.8	5.5	0.2	2.1	0.0	0.0	(s)	4.7	14.4	8.4	22.8
1995	0.0	2.1	1.9	0.8	0.5	0.9	1.8	5.9	0.2	3.2	0.0	0.0	(s)	5.1	16.5	6.8	23.3
2000	0.0	4.0	2.2	0.8	0.4	1.3	1.7	6.4	0.2	3.0	0.0	0.0	(s)	5.6	19.2	8.0	27.2
2001	0.0	2.6	2.1	1.0	0.9	0.9	2.3	7.3	0.2	2.6	0.0	0.0	(s)	5.5	18.1	8.3	26.5
2002	0.0	3.1	2.0	0.8	0.9	0.8	1.3	5.8	0.2	1.3	0.0	0.0	(s)	5.4	15.8	9.8	25.7
2003	0.0	2.5	2.6	0.5	1.1	0.9	1.1	6.1	0.1	1.2	0.0	0.0	(s)	5.0	14.9	9.8	24.7
2004	0.0	2.8	3.4	0.5	1.2	0.9	3.5	9.6	0.2	1.5	0.0	0.0	(s)	5.4	19.5	10.1	29.5
2005	0.0	2.6	3.3	0.9	1.2	1.0	1.3	7.7	0.2	2.2	0.0	0.0	(s)	5.6	18.3	9.8	28.1
2006	0.0	2.8	3.0	1.4	1.4	0.8	1.0	7.5	0.2	2.5	0.0	0.0	(s)	5.5	18.5	9.6	28.1
2007	0.0	3.0	2.3	0.7	1.0	1.0	2.3	7.3	(s)	1.6	0.0	0.0	(s)	5.6	17.5	9.1	26.6
2008	0.0	3.0	3.0	0.6	0.6	0.7	0.4	5.3	0.2	1.5	0.0	0.0	(s)	5.3	15.4	8.8	24.1
2009	0.0	2.9	3.1	0.3	0.6	0.7	4.1	8.7	0.2	1.4	0.0	0.0	(s)	4.7	18.0	7.7	25.8
2010	0.0	2.9	3.2	0.3	0.8	0.6	5.3	10.1	0.2	2.2	0.0	0.0	(s)	4.9	20.4	8.1	28.5
2011	0.0	2.8	3.9	0.3	0.8	0.6	4.9	10.5	0.2	0.4	0.0	0.0	(s)	4.8	18.8	7.8	26.6
2012	0.0	2.7	3.5	0.3	0.6	0.4	4.9	9.6	0.2	0.4	0.0	0.0	(s)	4.9	17.9	3.8	21.7
2013	0.0	1.3	2.9	0.4	0.7	0.6	5.4	9.9	0.0	0.4	0.0	0.0	(s)	4.9	16.6	4.0	20.5
2014	0.0	1.9	3.1	0.3	0.6	0.4	5.1	9.6	0.0	0.4	0.0	0.0	(s)	4.8	16.8	4.1	20.8
2015	0.0	2.1	3.0	0.3	0.5	0.2	5.0	8.9	0.0	0.4	0.0	0.0	(s)	4.9	16.3	1.7	R 18.0
2016	0.0	2.2	3.2	0.2	0.5	0.1	4.2	8.1	0.0	0.4	0.0	0.0	(s)	4.9	15.7	2.0	17.7
2017	0.0	2.3	3.4	0.5	0.5	0.1	4.8	R 9.3	0.0	R 0.2	0.0	0.0	(s)	4.9	R 16.6	1.8	R 18.5
2018	0.0	2.4	3.5	0.3	0.5	0.1	4.1	8.5	0.0	R 0.2	0.0	0.0	(s)	4.8	R 15.9	1.9	R 17.8
2019	0.0	2.5	3.6	0.2	0.5	0.1	3.6	7.9	0.0	0.2	0.0	0.0	(s)	4.8	15.4	1.4	16.8

[a] Includes supplemental gaseous fuels that are commingled with natural gas.
[b] Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.
[c] Beginning in 1993, includes fuel ethanol blended into motor gasoline. There is a discontinuity in this time series between 2014 and 2015 because of coverage. See Technical Notes, Section 4.
[d] Includes asphalt and road oil, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.
[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] Losses and co-products from the production of biodiesel and fuel ethanol.
[i] Solar thermal and photovoltaic energy. Excludes a small amount of solar thermal energy consumed as heat that is included in the residential sector.
[j] Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total. For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column. Beginning in 2009, includes a small amount of wind energy consumed by industrial utility-scale facilities.
[k] Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

kWh = Kilowatthours. – – = Not applicable. NA = Not available.
Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.
Notes: Totals may not equal sum of components due to independent rounding. · The industrial sector includes industrial combined-heat-and-power (CHP) and industrial electricity-only plants. · The continuity of these data series estimates may be affected by the 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 CT7. Transportation Sector Energy Consumption Estimates, Selected Years, 1960-2019, Vermont

Year	Coal	Natural Gas [a]	Petroleum								Electricity Retail Sales	Net Energy [f,g]	Electrical System Energy Losses [h]	Total [f,g]
			Aviation Gasoline	Distillate Fuel Oil [b]	HGL [c]	Jet Fuel [d]	Lubricants	Motor Gasoline [e]	Residual Fuel Oil	Total				
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels								Million Kilowatthours			
1960	1	0	19	254	(s)	82	68	3,205	0	3,629	0	– –	– –	– –
1965	(s)	0	25	185	1	79	44	3,665	0	4,000	0	– –	– –	– –
1970	(s)	0	14	346	3	121	49	4,985	2	5,519	0	– –	– –	– –
1975	(s)	0	11	504	1	129	45	5,591	2	6,284	0	– –	– –	– –
1980	0	0	25	757	2	137	52	5,386	0	6,359	0	– –	– –	– –
1985	0	(s)	22	977	13	201	47	5,656	0	6,916	0	– –	– –	– –
1990	0	(s)	15	1,043	11	180	53	6,574	3	7,878	0	– –	– –	– –
1995	0	(s)	12	1,981	15	127	51	7,116	0	9,302	0	– –	– –	– –
2000	0	(s)	40	1,245	0	144	54	8,309	0	9,793	0	– –	– –	– –
2001	0	(s)	44	1,690	(s)	120	50	7,844	0	9,748	0	– –	– –	– –
2002	0	(s)	10	1,518	(s)	65	49	7,978	0	9,621	0	– –	– –	– –
2003	0	(s)	9	1,565	4	68	45	8,088	0	9,779	0	– –	– –	– –
2004	0	(s)	21	1,498	5	309	46	8,164	0	10,042	0	– –	– –	– –
2005	0	(s)	26	1,506	8	423	46	8,166	0	10,174	0	– –	– –	– –
2006	0	(s)	16	1,636	8	376	45	8,135	0	10,216	0	– –	– –	– –
2007	0	(s)	16	1,589	4	317	46	8,149	0	10,122	0	– –	– –	– –
2008	0	(s)	10	1,464	29	266	43	7,865	0	9,677	0	– –	– –	– –
2009	0	(s)	11	1,548	5	512	38	7,843	0	9,957	0	– –	– –	– –
2010	0	(s)	9	1,709	4	R 139	50	7,710	0	R 9,622	0	– –	– –	– –
2011	0	(s)	8	1,691	3	R 141	47	7,463	0	R 9,353	0	– –	– –	– –
2012	0	(s)	8	1,661	6	R 134	43	7,276	0	R 9,128	0	– –	– –	– –
2013	0	(s)	7	1,694	2	R 131	45	7,413	0	R 9,292	0	– –	– –	– –
2014	0	(s)	4	1,664	4	R 135	45	7,335	0	R 9,187	0	– –	– –	– –
2015	0	(s)	7	1,856	R 4	R 147	51	7,191	0	R 9,256	0	– –	– –	– –
2016	0	(s)	7	1,906	3	R 140	48	7,186	5	R 9,295	0	– –	– –	– –
2017	0	(s)	7	1,792	1	R 136	44	7,167	7	R 9,155	0	– –	– –	– –
2018	0	(s)	9	1,754	1	R 148	39	6,587	0	R 8,539	0	– –	– –	– –
2019	0	(s)	9	1,661	2	170	38	7,022	0	8,902	0	– –	– –	– –
			Trillion Btu											
1960	(s)	0.0	0.1	1.5	(s)	0.4	0.4	16.8	0.0	19.3	0.0	19.3	0.0	19.3
1965	(s)	0.0	0.1	1.1	(s)	0.4	0.3	19.3	0.0	21.2	0.0	21.2	0.0	21.2
1970	(s)	0.0	0.1	2.0	(s)	0.7	0.3	26.2	(s)	29.3	0.0	29.3	0.0	29.3
1975	(s)	0.0	0.1	2.9	(s)	0.7	0.3	29.4	(s)	33.4	0.0	33.4	0.0	33.4
1980	0.0	0.0	0.1	4.4	(s)	0.8	0.3	28.3	0.0	33.9	0.0	33.9	0.0	33.9
1985	0.0	(s)	0.1	5.7	0.1	1.1	0.3	29.7	0.0	37.0	0.0	37.0	0.0	37.0
1990	0.0	(s)	0.1	6.1	(s)	1.0	0.3	34.5	(s)	42.1	0.0	42.1	0.0	42.1
1995	0.0	(s)	0.1	11.5	0.1	0.7	0.3	37.0	0.0	49.7	0.0	49.7	0.0	49.7
2000	0.0	(s)	0.2	7.2	0.0	0.8	0.3	43.2	0.0	51.8	0.0	51.8	0.0	51.8
2001	0.0	(s)	0.2	9.8	(s)	0.7	0.3	40.8	0.0	51.8	0.0	51.9	0.0	51.9
2002	0.0	(s)	0.1	8.8	(s)	0.4	0.3	41.5	0.0	51.0	0.0	51.0	0.0	51.0
2003	0.0	(s)	(s)	9.1	(s)	0.4	0.3	42.0	0.0	51.9	0.0	51.9	0.0	51.9
2004	0.0	(s)	0.1	8.7	(s)	1.8	0.3	42.4	0.0	53.3	0.0	53.3	0.0	53.3
2005	0.0	(s)	0.1	8.8	(s)	2.4	0.3	42.4	0.0	54.0	0.0	54.0	0.0	54.0
2006	0.0	(s)	0.1	9.5	(s)	2.1	0.3	42.2	0.0	54.2	0.0	54.2	0.0	54.2
2007	0.0	(s)	0.1	9.2	(s)	1.8	0.3	41.9	0.0	53.3	0.0	53.3	0.0	53.3
2008	0.0	(s)	0.1	8.5	0.1	1.5	0.3	40.2	0.0	50.6	0.0	50.6	0.0	50.6
2009	0.0	(s)	0.1	8.9	(s)	2.9	0.2	39.9	0.0	52.1	0.0	52.1	0.0	52.1
2010	0.0	(s)	(s)	9.9	(s)	R 0.8	0.3	39.1	0.0	R 50.1	0.0	R 50.1	0.0	R 50.1
2011	0.0	0.1	(s)	9.8	(s)	R 0.8	0.3	37.8	0.0	R 48.7	0.0	R 48.7	0.0	R 48.7
2012	0.0	0.1	(s)	9.6	(s)	R 0.8	0.3	36.8	0.0	R 47.5	0.0	R 47.6	0.0	R 47.6
2013	0.0	0.1	(s)	9.8	(s)	R 0.7	0.3	37.5	0.0	R 48.3	0.0	R 48.4	0.0	R 48.4
2014	0.0	0.1	(s)	9.6	(s)	R 0.8	0.3	37.1	0.0	R 47.8	0.0	R 47.9	0.0	R 47.9
2015	0.0	0.1	(s)	10.7	(s)	R 0.8	0.3	36.4	0.0	R 48.3	0.0	R 48.4	0.0	R 48.4
2016	0.0	0.1	(s)	11.0	(s)	R 0.8	0.3	36.3	(s)	R 48.5	0.0	R 48.6	0.0	R 48.6
2017	0.0	(s)	(s)	10.3	(s)	R 0.8	0.3	36.2	(s)	R 47.7	0.0	R 47.7	0.0	R 47.7
2018	0.0	(s)	(s)	10.1	(s)	R 0.8	0.2	33.3	0.0	R 44.5	0.0	R 44.5	0.0	R 44.5
2019	0.0	(s)	(s)	9.6	(s)	1.0	0.2	35.5	0.0	46.3	0.0	46.3	0.0	46.3

[a] Transportation use of natural gas is gas consumed in the operation of pipelines, primarily in compressors, and, since 1990, natural gas consumed as vehicle fuel.
[b] Beginning in 2009, includes biodiesel blended into distillate fuel oil.
[c] Hydrocarbon gas liquids, assumed to be propane only.
[d] 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 "Industrial sector, Other Petroleum."
[e] Beginning in 1993, includes fuel ethanol blended into motor gasoline.
[f] There is a discontinuity in this time series between 1980 and 1981 due to the expanded coverage of fuel ethanol beginning in 1981.
[g] For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.
[h] Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

– – = Not applicable.
Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.
Notes: Totals may not equal sum of components due to independent rounding. · The continuity of these data series estimates may be affected by the 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 CT8. Electric Power Sector Consumption Estimates, Selected Years, 1960-2019, Vermont

Year	Coal	Natural Gas [a]	Petroleum				Nuclear Electric Power	Hydroelectric Power [d]	Biomass	Geothermal [f]	Solar [f,g]	Wind [f]	Electricity Net Imports [h]	Total [f,i]
			Distillate Fuel Oil [b]	Petroleum Coke	Residual Fuel Oil [c]	Total			Wood and Waste [e,f]					
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels				Million Kilowatthours			Million Kilowatthours				
1960	19	0	8	0	1	9	0	809	– –	0	NA	NA	64	– –
1965	43	0	38	0	3	42	0	661	– –	0	NA	NA	41	– –
1970	55	0	268	0	23	291	0	724	– –	0	NA	NA	50	– –
1975	13	1	86	0	(s)	87	3,561	871	– –	0	NA	NA	75	– –
1980	9	(s)	63	0	0	63	2,979	743	– –	0	NA	NA	187	– –
1985	28	(s)	34	0	0	34	2,999	852	– –	0	0	0	321	– –
1990	0	1	8	0	0	8	3,616	1,348	– –	0	0	0	1,710	– –
1995	0	(s)	39	0	0	39	3,859	954	– –	0	0	0	3,954	– –
2000	0	1	159	0	0	159	4,548	1,201	– –	0	0	12	3,917	– –
2001	0	(s)	87	0	0	87	4,171	868	– –	0	0	12	2,999	– –
2002	0	(s)	31	0	0	31	3,963	1,099	– –	0	0	10	2,433	– –
2003	0	(s)	57	0	0	57	4,444	1,148	– –	0	0	11	1,916	– –
2004	0	(s)	45	0	0	45	3,858	1,166	– –	0	0	11	1,938	– –
2005	0	(s)	12	0	0	12	4,072	1,190	– –	0	0	11	2,121	– –
2006	0	(s)	8	0	0	8	5,107	1,497	– –	0	0	11	2,429	– –
2007	0	(s)	9	0	0	9	4,704	645	– –	0	0	11	2,488	– –
2008	0	(s)	6	0	1	7	4,895	1,472	– –	0	0	10	2,493	– –
2009	0	(s)	3	0	1	4	5,361	1,461	– –	0	0	12	2,563	– –
2010	0	(s)	5	0	1	5	4,782	1,322	– –	0	0	14	2,426	– –
2011	0	(s)	7	0	1	7	4,907	1,401	– –	0	2	33	2,522	– –
2012	0	(s)	2	0	(s)	3	4,989	1,128	– –	0	5	107	11,499	– –
2013	0	(s)	8	0	0	8	4,846	1,286	– –	0	17	236	11,739	– –
2014	0	(s)	8	0	0	8	5,061	1,175	– –	0	24	311	11,157	– –
2015	0	(s)	5	0	0	5	0	1,139	– –	0	48	325	10,791	– –
2016	0	(s)	8	0	0	8	0	1,078	– –	0	59	291	8,955	– –
2017	0	(s)	15	0	0	15	0	1,280	– –	0	99	305	10,336	– –
2018	0	(s)	8	0	0	8	0	1,268	– –	0	107	373	R 9,720	– –
2019	0	(s)	3	0	0	3	0	1,337	– –	0	147	377	14,133	– –
							Trillion Btu							
1960	0.5	0.0	(s)	0.0	(s)	0.1	0.0	8.7	0.0	0.0	NA	NA	0.2	9.5
1965	1.2	0.0	0.2	0.0	(s)	0.2	0.0	6.9	0.0	0.0	NA	NA	0.1	8.5
1970	1.4	0.0	1.6	0.0	0.1	1.7	0.0	7.6	0.0	0.0	NA	NA	0.2	10.8
1975	0.3	0.6	0.5	0.0	(s)	0.5	39.2	9.1	0.0	0.0	NA	NA	0.3	49.9
1980	0.2	0.2	0.4	0.0	0.0	0.4	32.5	7.7	0.5	0.0	NA	NA	0.6	42.2
1985	0.7	0.1	0.2	0.0	0.0	0.2	31.9	8.9	2.9	0.0	0.0	0.0	1.1	45.8
1990	0.0	0.7	(s)	0.0	0.0	(s)	38.3	14.0	1.0	0.0	0.0	0.0	5.8	59.9
1995	0.0	0.1	0.2	0.0	0.0	0.2	40.5	9.8	3.4	0.0	0.0	0.0	13.5	67.7
2000	0.0	1.0	0.9	0.0	0.0	0.9	47.4	12.3	3.9	0.0	0.0	0.1	13.4	79.1
2001	0.0	0.1	0.5	0.0	0.0	0.5	43.6	9.0	3.9	0.0	0.0	0.1	10.2	67.5
2002	0.0	(s)	0.2	0.0	0.0	0.2	41.4	11.2	8.4	0.0	0.0	0.1	8.3	69.6
2003	0.0	(s)	0.3	0.0	0.0	0.3	46.3	11.6	9.4	0.0	0.0	0.1	6.5	74.4
2004	0.0	0.1	0.3	0.0	0.0	0.3	40.2	11.7	6.8	0.0	0.0	0.1	6.6	65.8
2005	0.0	(s)	0.1	0.0	0.0	0.1	42.5	11.9	5.3	0.0	0.0	0.1	7.2	67.1
2006	0.0	(s)	(s)	0.0	0.0	(s)	53.3	14.8	5.8	0.0	0.0	0.1	8.3	82.5
2007	0.0	(s)	0.1	0.0	0.0	0.1	49.3	6.4	6.0	0.0	0.0	0.1	8.5	70.4
2008	0.0	(s)	(s)	0.0	(s)	(s)	51.2	14.5	5.6	0.0	0.0	0.1	8.5	80.0
2009	0.0	0.1	(s)	0.0	(s)	(s)	56.1	14.3	5.7	0.0	0.0	0.1	8.7	84.9
2010	0.0	0.1	(s)	0.0	(s)	(s)	50.0	12.9	6.5	0.0	0.0	0.1	8.3	77.9
2011	0.0	(s)	(s)	0.0	(s)	(s)	51.4	13.6	5.5	0.0	(s)	0.3	8.6	79.5
2012	0.0	(s)	(s)	0.0	(s)	(s)	52.3	10.7	5.0	0.0	(s)	1.0	39.2	108.3
2013	0.0	(s)	(s)	0.0	0.0	(s)	50.6	12.3	6.8	0.0	0.2	2.3	40.1	112.3
2014	0.0	(s)	(s)	0.0	0.0	(s)	52.9	11.2	6.4	0.0	0.2	3.0	38.1	111.8
2015	0.0	(s)	(s)	0.0	0.0	(s)	0.0	10.6	6.5	0.0	0.4	3.0	36.8	57.5
2016	0.0	(s)	(s)	0.0	0.0	(s)	0.0	9.9	6.6	0.0	0.5	2.7	30.6	50.4
2017	0.0	(s)	0.1	0.0	0.0	0.1	0.0	11.8	6.2	0.0	0.9	2.8	35.3	57.0
2018	0.0	(s)	(s)	0.0	0.0	(s)	0.0	11.5	6.1	0.0	1.0	3.4	33.2	55.2
2019	0.0	(s)	(s)	0.0	0.0	(s)	0.0	11.9	5.9	0.0	1.3	3.4	48.2	70.7

[a] Includes supplemental gaseous fuels that are commingled with natural gas.
[b] Prior to 1980, based on oil used in internal combustion and gas turbine engine plants. For 1980 through 2000, distillate fuel oil includes fuel oil Nos. 1 and 2, and small amounts of kerosene and jet fuel.
[c] Prior to 1980, based on oil used in steam plants. For 1980 through 2000, residual fuel oil includes fuel oil Nos. 4, 5, and 6.
[d] Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.
[e] Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
[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] Solar thermal and photovoltaic energy.
[h] Electricity traded with Canada and Mexico. Btu value calculated by converting net imports in kilowatthours by 3,412 Btu per kilowatthour.
[i] Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in the total.

– – = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than +0.5 and greater than -0.5 or Btu value less than +0.05 and greater than -0.05.

Notes: Totals may not equal sum of components due to independent rounding. · The electric power sector consists of electricity-only and combined-heat-and-power (CHP) plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. · Through 1988, data are for electric utilities only. Beginning in 1989, data include independent power producers. · The continuity of these data series estimates may be affected by the 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.