Table CT1. Energy consumption estimates for selected energy sources in physical units, selected years, 1960-2022, Vermont

Year	Coal	Natural gas [a]	Petroleum							Nuclear electric power	Hydro-electric power [g]	Wind	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	0	NA	NA
1965	105	0	4,285	450	79	3,789	910	1,059	10,572	0	714	0	NA	NA
1970	87	3	5,741	542	121	5,077	905	898	13,285	0	786	0	NA	NA
1971	79	3	5,391	590	112	5,331	916	944	13,285	0	742	0	NA	NA
1972	56	4	5,674	699	255	5,677	944	778	14,026	169	942	0	NA	NA
1973	59	4	6,047	685	219	5,763	870	711	14,295	1,598	1,059	0	NA	NA
1974	60	5	5,071	703	204	5,626	526	643	12,772	2,483	991	0	NA	NA
1975	31	4	4,642	833	177	5,698	796	502	12,647	3,561	938	0	NA	NA
1976	24	4	5,470	946	142	6,013	1,250	579	14,400	3,260	1,090	0	NA	NA
1977	29	4	5,360	946	137	6,125	1,142	542	14,252	3,538	958	0	NA	NA
1978	19	4	5,280	1,199	134	6,309	979	515	14,416	3,241	874	0	NA	NA
1979	24	4	5,486	541	172	5,830	347	633	13,008	3,449	930	0	NA	NA
1980	22	4	4,095	666	155	5,437	471	506	11,331	2,979	813	0	NA	NA
1981	42	4	3,819	626	82	5,506	348	430	10,811	3,569	1,003	0	0	NA
1982	50	4	2,699	862	91	5,529	359	407	9,946	4,174	846	0	0	NA
1983	46	4	3,439	866	106	5,579	318	482	10,791	2,870	1,006	0	0	NA
1984	55	5	4,085	646	173	5,821	434	872	12,031	3,336	949	0	0	NA
1985	80	5	4,583	791	201	5,813	122	1,065	12,574	2,999	922	0	0	NA
1986	26	5	4,289	867	133	5,966	471	967	12,693	2,058	1,044	0	0	NA
1987	12	5	4,817	1,101	181	6,530	338	983	13,950	3,536	995	0	0	NA
1988	11	6	5,144	1,157	143	6,797	238	1,022	14,500	4,114	879	0	0	NA
1989	9	6	4,969	1,504	220	6,554	191	986	14,424	3,607	1,047	0	0	NA
1990	8	7	4,566	1,401	180	6,696	237	419	13,499	3,616	1,365	0	0	NA
1991	12	7	4,762	1,634	162	6,772	264	878	14,472	4,108	1,053	0	0	NA
1992	20	8	5,532	1,912	116	6,879	277	643	15,359	3,735	921	0	0	NA
1993	6	7	5,539	1,641	124	7,096	474	384	15,259	3,372	981	0	0	NA
1994	5	7	5,358	1,663	138	7,154	281	522	15,117	4,316	1,039	0	0	NA
1995	3	7	5,361	1,673	127	7,211	215	535	15,121	3,859	973	0	0	NA
1996	2	7	5,732	1,834	99	7,331	282	603	15,882	3,799	1,231	0	0	NA
1997	110	8	5,344	1,540	106	7,606	323	1,153	16,073	4,267	1,067	0	0	NA
1998	2	8	5,215	1,777	121	7,510	274	752	15,650	3,358	1,194	0	0	NA
1999	82	8	5,441	1,617	143	7,699	220	612	15,732	4,059	1,196	14	0	NA
2000	1	10	5,276	1,769	144	8,394	309	721	16,613	4,548	1,221	12	0	NA
2001	2	8	5,371	2,425	120	8,021	241	806	16,984	4,171	884	12	0	(s)
2002	1	8	4,866	2,352	65	8,164	253	466	16,166	3,963	1,115	10	0	(s)
2003	1	8	5,408	1,867	68	8,304	292	530	16,468	4,444	1,154	11	0	(s)
2004	1	9	5,861	1,987	309	8,407	297	1,037	17,899	3,858	1,187	11	0	(s)
2005	1	8	5,194	2,234	423	8,408	300	693	17,251	4,072	1,211	11	48	2
2006	1	8	5,085	2,288	376	8,406	260	591	17,006	5,107	1,519	11	68	4
2007	1	9	4,917	2,152	317	8,354	238	689	16,668	4,704	647	11	98	6
2008	0	9	4,420	2,263	266	7,987	227	227	15,390	4,895	1,493	10	510	5
2009	0	9	4,807	2,423	512	7,964	195	854	16,755	5,361	1,486	12	749	6
2010	0	8	4,607	2,353	161	7,866	157	1,015	16,158	4,782	1,347	14	685	4
2011	0	9	4,791	2,191	183	7,618	150	912	15,845	4,907	1,425	33	688	15
2012	0	8	4,227	2,353	185	7,409	93	844	15,111	4,989	1,151	107	711	12
2013	0	10	4,388	2,673	171	7,549	127	924	15,833	4,846	1,286	236	725	59
2014	0	11	4,597	2,795	195	7,465	85	921	16,058	5,061	1,175	311	699	56
2015	0	12	5,092	2,783	191	7,417	44	887	16,415	0	1,139	325	683	71
2016	0	12	4,777	2,399	209	7,410	37	790	15,623	0	1,078	291	699	120
2017	0	12	4,737	2,348	151	7,394	50	R 852	R 15,532	0	1,280	305	716	126
2018	0	14	4,744	2,835	161	6,819	28	R 744	R 15,331	0	1,268	373	679	65
2019	0	14	4,838	2,679	170	7,253	23	R 676	R 15,639	0	1,337	377	719	53
2020	0	13	4,614	2,548	153	6,005	15	R 800	R 14,136	0	1,130	384	594	57
2021	0	13	R 4,340	2,602	208	6,606	34	R 780	R 14,569	0	1,093	338	660	R 43
2022	0	13	4,278	2,506	230	6,592	35	775	14,416	0	1,141	409	664	34

[a] Includes supplemental gaseous fuels that are commingled with natural gas.
[b] Beginning in 2009, includes biodiesel blended into distillate fuel oil. Beginning in 2011, includes renewable diesel blended into distillate fuel oil. Excludes biofuels product supplied.
[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." There is a discontinuity in this time series between 2009 and 2010 because of data source and methodology changes, see technical notes.
[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 hydroelectric pumped-storage, 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.
Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. http://www.eia.gov/state/seds/

Table CT2. Primary energy consumption estimates, selected years, 1960-2022, Vermont

(trillion Btu)

Year	Fossil fuels										*Fossil fuels (as commingled)*		
			Petroleum										
	Coal	Natural gas excluding supplemental gaseous fuels [a]	Distillate fuel oil excluding biofuels [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 biofuels* [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	84.4	93.1	*8.7*	*27.8*	*40.5*
2010	0.0	8.5	26.5	9.0	0.9	37.5	1.0	6.5	81.5	90.0	*8.5*	*26.6*	*39.9*
2011	0.0	8.7	27.5	8.4	1.0	36.2	0.9	5.9	79.9	88.6	*8.7*	*27.6*	*38.6*
2012	0.0	8.3	24.2	9.0	1.0	35.0	0.6	5.5	75.4	83.7	*8.3*	*24.4*	*37.5*
2013	0.0	9.7	25.0	10.3	1.0	35.7	0.8	6.0	78.7	88.4	*9.7*	*25.3*	*38.2*
2014	0.0	10.9	26.2	10.7	1.1	35.3	0.5	5.9	79.8	90.7	*10.9*	*26.5*	*37.8*
2015	0.0	12.2	29.0	10.7	1.1	35.1	0.3	5.7	81.9	94.1	*12.2*	*29.3*	*37.5*
2016	0.0	12.4	27.0	9.2	1.2	35.0	0.2	R 5.1	77.7	90.1	*12.4*	*27.5*	*37.5*
2017	0.0	12.3	26.8	9.0	0.9	34.9	0.3	5.5	77.4	89.7	*12.3*	*27.3*	*37.4*
2018	0.0	14.2	26.9	10.9	0.9	32.1	0.2	4.8	75.8	90.0	*14.2*	*27.3*	*34.5*
2019	0.0	14.4	27.5	10.3	1.0	34.1	0.1	4.3	77.4	R 91.8	*14.4*	*27.9*	*36.6*
2020	0.0	13.6	26.2	9.8	0.9	28.3	0.1	5.1	70.4	84.0	*13.6*	*26.6*	*30.3*
2021	0.0	13.8	R 24.9	10.0	1.2	31.1	0.2	5.0	R 72.2	R 86.0	*13.8*	R *25.0*	*33.4*
2022	0.0	14.0	24.5	9.6	1.3	31.0	0.2	5.0	71.5	85.6	*14.0*	*24.7*	*33.3*

[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." There is a discontinuity in this time series between 2009 and 2010 because of data source and methodology changes, see technical notes.

[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.

Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. http://www.eia.gov/state/seds/

Table CT2. Primary energy consumption estimates, selected years, 1960-2022, 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	Renewable diesel	Losses and co-products [i]	Total [f]							
1960	0.0	R 3.0	7.9	NA	NA	NA	NA	7.9	0.0	NA	NA	R 10.9	R 5.4	0.2	R 66.7
1965	0.0	R 2.4	6.9	NA	NA	NA	NA	6.9	0.0	NA	NA	R 9.4	R 9.7	0.1	R 80.8
1970	0.0	R 2.7	6.5	NA	NA	NA	NA	6.5	0.0	NA	NA	R 9.2	R 21.5	0.2	R 109.5
1971	0.0	R 2.5	6.8	NA	NA	NA	NA	6.8	0.0	NA	NA	R 9.3	R 24.6	0.2	R 112.8
1972	1.8	R 3.2	6.2	NA	NA	NA	NA	6.2	0.0	NA	NA	R 9.4	R 25.5	0.3	R 119.6
1973	17.4	R 3.6	6.1	NA	NA	NA	NA	6.1	0.0	NA	NA	R 9.8	R 10.3	0.2	R 122.3
1974	27.7	R 3.4	5.8	NA	NA	NA	NA	5.8	0.0	NA	NA	R 9.2	R -1.0	0.3	R 112.3
1975	39.2	R 3.2	6.6	NA	NA	NA	NA	6.6	0.0	NA	NA	R 9.8	R -12.8	0.3	R 110.2
1976	36.0	R 3.7	8.0	NA	NA	NA	NA	8.0	0.0	NA	NA	R 11.7	R -3.7	0.2	R 127.5
1977	38.1	R 3.3	9.4	NA	NA	NA	NA	9.4	0.0	NA	NA	R 12.6	R -7.6	0.3	R 126.2
1978	35.5	R 3.0	11.4	NA	NA	NA	NA	11.4	0.0	NA	NA	R 14.4	R -2.1	0.4	R 130.6
1979	37.5	R 3.2	12.7	NA	NA	NA	NA	12.7	0.0	NA	NA	R 15.9	R -2.6	0.5	R 127.7
1980	32.5	R 2.8	14.4	NA	NA	NA	NA	14.4	0.0	NA	NA	R 17.2	R 5.1	0.6	R 121.6
1981	39.4	R 3.4	14.3	0.0	NA	NA	0.0	14.3	0.0	NA	NA	R 17.8	R -4.9	0.6	R 116.9
1982	46.2	R 2.9	13.8	0.0	NA	NA	0.0	13.8	0.0	NA	NA	R 16.7	R -11.7	0.7	R 110.6
1983	31.3	R 3.4	16.0	0.0	NA	NA	0.0	16.0	0.0	NA	0.0	R 19.4	R 3.6	0.7	R 118.4
1984	36.2	R 3.2	16.1	0.0	NA	NA	0.0	16.1	0.0	0.0	0.0	R 19.4	R -0.2	0.8	R 128.1
1985	31.9	R 3.1	17.3	0.0	NA	NA	0.0	17.3	0.0	0.0	0.0	R 20.4	R 1.7	1.1	R 130.5
1986	21.8	R 3.6	13.0	0.0	NA	NA	0.0	13.0	0.0	0.0	0.0	R 16.5	R 5.6	5.7	R 124.4
1987	36.9	R 3.4	12.8	0.0	NA	NA	0.0	12.8	0.0	0.0	0.0	R 16.2	R -8.0	7.8	R 134.0
1988	43.6	R 3.0	12.6	0.0	NA	NA	0.0	12.6	0.0	0.0	0.0	R 15.6	R -11.8	9.6	R 141.4
1989	38.2	R 3.6	9.1	0.0	NA	NA	0.0	9.1	0.0	(s)	0.0	R 12.7	R -2.5	6.7	R 138.9
1990	38.3	R 4.7	5.3	0.0	NA	NA	0.0	5.3	0.0	(s)	0.0	R 9.9	R -12.7	5.8	R 120.2
1991	43.1	R 3.6	6.3	0.0	NA	NA	0.0	6.3	0.0	(s)	0.0	R 9.9	R -15.3	5.8	R 128.4
1992	39.1	R 3.1	6.5	0.0	NA	NA	0.0	6.5	0.0	(s)	0.0	R 9.6	R -11.2	7.1	R 134.6
1993	35.4	R 3.3	8.1	0.0	NA	NA	0.0	8.1	0.0	(s)	0.0	R 11.5	R -12.2	8.9	R 132.3
1994	45.1	R 3.5	8.3	0.0	NA	NA	0.0	8.3	0.0	(s)	0.0	R 11.9	R -23.0	10.4	R 132.3
1995	40.5	R 3.3	9.1	0.0	NA	NA	0.0	9.1	0.0	(s)	0.0	R 12.5	R -24.3	13.5	R 130.0
1996	39.9	R 4.2	9.1	0.0	NA	NA	0.0	9.1	0.0	(s)	0.0	R 13.3	R -21.7	12.0	R 135.6
1997	44.8	R 3.6	9.0	0.0	NA	NA	0.0	9.0	0.0	(s)	0.0	R 12.7	R -27.1	13.6	R 141.5
1998	35.2	R 4.1	8.1	0.0	NA	NA	0.0	8.1	0.0	(s)	0.0	R 12.2	R -19.6	13.2	R 131.9
1999	42.4	R 4.1	8.4	0.0	NA	NA	0.0	8.4	(s)	(s)	R (s)	R 12.6	R -43.7	26.2	R 131.4
2000	47.4	R 4.2	8.8	0.0	NA	NA	0.0	8.8	(s)	(s)	R (s)	R 13.0	R -29.0	13.4	R 143.5
2001	43.6	R 3.0	8.0	0.0	(s)	NA	0.0	8.0	(s)	(s)	R (s)	R 11.1	R -17.7	10.2	R 144.4
2002	41.4	R 3.8	11.2	0.0	(s)	NA	0.0	11.2	(s)	(s)	R (s)	R 15.1	R -13.9	8.3	R 143.8
2003	46.3	R 3.9	12.2	0.0	(s)	NA	0.0	12.2	(s)	(s)	R (s)	R 16.2	R -18.0	6.5	R 146.6
2004	40.2	R 4.1	10.0	0.0	(s)	NA	0.0	10.0	(s)	(s)	R (s)	R 14.1	R -9.1	6.6	R 156.0
2005	42.5	R 4.1	12.0	0.2	(s)	NA	0.0	12.2	(s)	(s)	R (s)	R 16.4	R -10.6	7.2	R 154.5
2006	53.3	R 5.2	12.4	0.2	(s)	NA	0.0	12.6	(s)	R (s)	R (s)	R 17.9	R -25.1	8.3	R 151.2
2007	49.3	R 2.2	12.1	0.3	(s)	NA	0.0	12.5	(s)	0.1	R (s)	R 14.8	R -16.6	8.5	R 151.6
2008	51.2	R 5.1	12.1	1.8	(s)	NA	0.0	13.9	(s)	0.1	R (s)	R 19.1	R -24.9	8.5	R 140.1
2009	56.1	R 5.1	16.8	2.6	(s)	NA	0.0	19.5	(s)	0.1	R (s)	R 24.7	R -31.6	8.7	R 151.0
2010	50.0	R 4.6	19.0	2.4	(s)	NA	0.0	21.4	(s)	0.1	R (s)	R 26.2	R -24.4	8.3	R 150.0
2011	51.4	R 4.9	16.2	2.4	0.1	0.0	0.0	18.7	(s)	R 0.1	R 0.1	R 23.8	R -26.6	8.6	R 145.7
2012	52.3	R 3.9	14.0	2.5	0.1	0.0	0.0	16.6	(s)	R 0.2	R 0.4	R 21.0	R -69.4	39.2	R 126.8
2013	50.6	R 4.4	18.3	2.5	0.3	0.0	0.0	21.1	(s)	R 0.2	R 0.8	R 26.6	R -71.3	40.1	R 134.3
2014	52.9	R 4.0	18.0	2.4	0.3	0.0	0.0	20.8	(s)	R 0.3	R 1.1	R 26.1	R -70.5	38.1	R 137.3
2015	0.0	R 3.9	R 24.3	2.4	0.4	0.0	0.0	R 27.0	(s)	R 0.4	R 1.1	R 32.5	R -27.0	36.8	R 136.5
2016	0.0	R 3.7	R 21.8	2.4	0.6	0.0	0.0	R 24.9	(s)	R 0.6	R 1.0	R 30.2	R -20.0	30.6	R 130.8
2017	0.0	R 4.4	R 21.3	2.5	0.7	0.0	0.0	R 24.5	(s)	R 0.8	R 1.0	R 30.8	R -26.1	35.3	R 129.5
2018	0.0	R 4.3	R 24.6	2.4	0.4	0.0	0.0	R 27.3	(s)	R 0.9	R 1.3	R 33.8	R -23.6	33.2	R 133.4
2019	0.0	R 4.6	R 23.2	2.5	0.3	0.0	0.0	R 26.0	(s)	R 1.1	R 1.3	R 33.0	R -40.1	48.2	R 132.9
2020	0.0	R 3.9	R 18.5	2.1	0.3	0.0	0.0	R 20.9	(s)	R 1.3	R 1.3	R 27.4	R -40.0	48.0	R 119.3
2021	0.0	R 3.7	R 19.3	2.3	0.2	0.0	0.0	R 21.8	(s)	R 1.3	R 1.2	R 28.1	R -39.4	47.4	R 122.1
2022	0.0	3.9	21.3	2.3	0.2	0.0	0.0	23.8	(s)	1.5	1.4	30.6	-38.2	46.8	124.8

[e] Conventional hydroelectric power. For 1960 through 1989, includes hydroelectric pumped-storage, 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.
Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. http://www.eia.gov/state/seds/

Table CT3. Total end-use sector energy consumption estimates, selected years, 1960-2022, Vermont

Year	Coal	Natural gas [a]	Petroleum							Hydro-electric power [g,h]	Biomass		Geo-thermal [h]	Solar [h,k]	Electricity [l]	End use [h,m]	Electrical system energy losses [n]	Total [h,m]
			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	– –	– –	– –
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	161	7,866	157	1,015	16,153	25	– –	– –	– –	– –	5,595	– –	– –	– –
2011	0	9	4,785	2,191	183	7,618	149	912	15,838	24	– –	– –	– –	– –	5,550	– –	– –	– –
2012	0	8	4,225	2,353	185	7,409	93	844	15,108	23	– –	– –	– –	– –	5,511	– –	– –	– –
2013	0	10	4,380	2,673	171	7,549	127	924	15,825	0	– –	– –	– –	– –	5,588	– –	– –	– –
2014	0	11	4,589	2,795	195	7,465	85	921	16,051	0	– –	– –	– –	– –	5,570	– –	– –	– –
2015	0	12	5,087	2,783	191	7,417	44	887	16,410	0	– –	– –	– –	– –	5,521	– –	– –	– –
2016	0	12	4,769	2,399	209	7,410	37	790	15,615	0	– –	– –	– –	– –	5,516	– –	– –	– –
2017	0	12	4,722	2,348	151	7,394	50	R 852	R 15,517	0	– –	– –	– –	– –	5,424	– –	– –	– –
2018	0	14	4,736	2,835	161	6,819	28	R 744	R 15,324	0	– –	– –	– –	– –	5,531	– –	– –	– –
2019	0	14	4,835	2,679	170	7,253	23	R 676	R 15,636	0	– –	– –	– –	– –	5,428	– –	– –	– –
2020	0	13	4,610	2,548	153	6,005	15	R 800	R 14,131	0	– –	– –	– –	– –	5,331	– –	– –	– –
2021	0	13	R 4,334	2,602	208	6,606	34	R 780	R 14,563	0	– –	– –	– –	– –	5,413	– –	– –	– –
2022	0	13	4,267	2,506	230	6,592	35	775	14,405	0	– –	– –	– –	– –	5,470	– –	– –	– –
			Trillion Btu															
1960	3.0	0.0	17.2	1.5	0.4	17.5	3.0	6.9	46.6	R 0.2	7.9	NA	NA	NA	3.0	R 60.7	R 6.0	R 66.7
1970	0.8	2.7	31.9	2.1	0.7	26.7	5.5	5.4	72.2	R 0.2	6.5	NA	NA	NA	8.9	R 91.2	R 18.3	R 109.5
1980	0.3	3.7	23.6	2.5	0.8	28.6	3.0	2.9	61.3	R 0.2	13.9	NA	NA	NA	13.5	R 92.9	R 28.7	R 121.6
1990	0.2	6.0	26.6	5.3	1.0	35.2	1.5	2.4	72.0	R 0.1	4.3	0.0	0.0	(s)	16.1	R 98.6	R 21.6	R 120.2
2000	(s)	9.5	29.8	6.7	0.8	43.7	1.9	4.2	87.1	R 0.1	4.9	0.0	(s)	(s)	19.2	R 120.9	R 22.6	R 143.5
2005	(s)	8.4	30.1	8.5	2.4	43.7	1.9	4.1	90.6	R 0.1	6.8	0.0	(s)	(s)	20.1	R 126.0	R 28.6	R 154.5
2006	(s)	8.0	29.5	8.6	2.1	43.6	1.6	3.5	88.9	R 0.1	6.5	0.0	(s)	R (s)	19.8	R 123.4	R 27.7	R 151.2
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	R 29.5	R 151.6
2008	0.0	8.6	25.5	8.6	1.5	40.8	1.4	1.3	79.2	R 0.1	6.5	0.0	(s)	0.1	19.6	R 114.1	R 26.0	R 140.1
2009	0.0	8.6	27.8	9.3	2.9	40.5	1.2	5.4	87.1	R 0.1	11.2	0.0	(s)	0.1	18.8	R 125.8	R 25.2	R 151.1
2010	0.0	8.4	26.6	9.0	0.9	39.9	1.0	6.5	83.9	R 0.1	12.5	0.0	(s)	0.1	19.1	R 124.1	R 25.9	R 150.0
2011	0.0	8.6	27.6	8.4	1.0	38.6	0.9	5.9	82.4	R 0.1	10.6	0.0	(s)	R 0.1	18.9	R 120.9	R 25.0	R 145.8
2012	0.0	8.3	24.4	9.0	1.0	37.5	0.6	5.5	78.0	R 0.1	9.1	0.0	(s)	R 0.1	18.8	R 114.4	R 12.5	R 126.9
2013	0.0	9.7	25.2	10.3	1.0	38.2	0.8	6.0	81.5	0.0	11.5	0.0	(s)	R 0.2	19.1	R 121.9	R 12.4	R 134.4
2014	0.0	10.8	26.4	10.7	1.1	37.8	0.5	5.9	82.5	0.0	11.7	0.0	(s)	R 0.2	19.0	R 124.2	R 13.1	R 137.3
2015	0.0	12.2	29.3	10.7	1.1	37.5	0.3	5.7	84.6	0.0	R 17.8	0.0	(s)	R 0.3	18.8	R 133.7	R 2.8	R 136.5
2016	0.0	12.4	27.5	9.2	1.2	37.5	0.2	R 5.1	80.6	0.0	R 15.2	0.0	(s)	R 0.3	18.8	R 127.4	R 3.3	R 130.7
2017	0.0	12.3	27.2	9.0	0.9	37.4	0.3	5.5	80.2	0.0	R 15.2	0.0	(s)	R 0.5	18.5	R 126.7	R 2.6	R 129.3
2018	0.0	14.2	27.3	10.9	0.9	34.5	0.2	4.8	78.5	0.0	R 18.5	0.0	(s)	R 0.5	18.9	R 130.7	R 2.8	R 133.4
2019	0.0	14.4	27.8	10.3	1.0	36.6	0.1	4.3	80.2	0.0	R 17.3	0.0	(s)	R 0.6	18.5	R 131.1	R 1.9	R 132.9
2020	0.0	13.6	26.5	9.8	0.9	30.3	0.1	5.1	R 72.8	0.0	R 12.1	0.0	(s)	R 0.7	18.2	R 117.4	R 2.0	R 119.3
2021	0.0	13.8	R 25.0	10.0	1.2	33.4	0.2	5.0	R 74.7	0.0	R 12.2	0.0	(s)	R 0.7	18.5	R 119.9	R 2.2	R 122.1
2022	0.0	14.0	24.6	9.6	1.3	33.3	0.2	5.0	74.0	0.0	15.3	0.0	(s)	0.8	18.7	122.9	2.0	124.8

[a] Includes supplemental gaseous fuels that are commingled with natural gas.

[b] Beginning in 2009, includes biodiesel blended into distillate fuel oil. Beginning in 2011, includes renewable diesel blended into distillate fuel oil. Excludes biofuels product supplied.

[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 hydroelectric pumped-storage, 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] Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.

[m] 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 End Use 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. Beginning in 2021, adjusted for the double-counting of biofuels product supplied.

[n] 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 sector 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.

Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. http://www.eia.gov/state/seds/

Table CT4. Residential sector energy consumption estimates, selected years, 1960-2022, Vermont

Year	Coal [a]	Natural gas [b]	Petroleum				Biomass	Geothermal [e]	Solar [e,f]	Electricity [g]	End use [e,h]	Electrical system energy losses [i]	Total [e,h]
			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	– –	– –	– –
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	– –	– –	– –
2020	0	4	1,870	1,576	72	3,518	– –	– –	– –	2,157	– –	– –	– –
2021	0	4	1,677	1,692	60	3,429	– –	– –	– –	2,174	– –	– –	– –
2022	0	4	1,668	1,545	53	3,267	– –	– –	– –	2,187	– –	– –	– –
							Trillion Btu						
1960	1.1	0.0	11.9	0.8	4.0	16.7	3.5	NA	NA	1.5	22.8	R 3.1	R 25.9
1965	0.7	0.0	18.1	1.0	3.7	22.8	2.7	NA	NA	2.3	28.5	R 4.6	R 33.0
1970	0.4	1.1	22.6	1.1	2.5	26.1	2.1	NA	NA	4.1	33.8	R 8.5	R 42.3
1975	0.1	1.1	18.1	1.7	1.3	21.1	2.5	NA	NA	4.9	29.7	R 9.9	R 39.6
1980	0.1	1.3	12.6	1.1	1.3	15.1	4.3	NA	NA	6.1	26.8	R 12.9	R 39.7
1985	0.2	1.4	14.5	1.9	2.9	19.2	3.1	NA	NA	5.2	29.3	R 10.7	R 39.9
1990	(s)	2.1	13.4	3.4	1.1	17.9	2.0	0.0	(s)	6.2	28.2	R 8.3	R 36.5
1995	(s)	2.3	13.5	3.8	1.0	18.3	2.2	0.0	(s)	6.7	29.5	R 7.5	R 37.0
2000	(s)	2.9	14.3	4.1	1.8	20.2	1.6	(s)	(s)	7.0	31.6	R 8.2	R 39.8
2005	(s)	3.1	13.1	5.6	2.2	20.9	3.9	(s)	(s)	7.5	35.4	R 10.6	R 46.0
2006	(s)	2.9	12.3	5.2	2.0	19.5	3.5	(s)	(s)	7.3	33.2	R 10.3	R 43.5
2007	(s)	3.2	12.5	4.9	1.4	18.8	3.8	(s)	0.1	7.4	33.3	R 10.9	R 44.3
2008	0.0	3.1	10.8	5.0	0.6	16.4	4.3	(s)	0.1	7.3	31.1	R 9.7	R 40.8
2009	0.0	3.2	11.7	6.0	1.0	18.6	8.5	(s)	0.1	7.2	37.7	R 9.7	R 47.5
2010	0.0	3.1	9.7	5.9	0.9	16.4	9.2	(s)	0.1	7.3	36.1	R 9.8	R 45.9
2011	0.0	3.2	10.2	5.0	0.6	15.7	8.9	(s)	0.1	7.2	R 35.2	R 9.6	R 44.8
2012	0.0	3.0	8.2	5.0	0.3	13.6	7.4	(s)	R 0.1	7.1	R 31.3	R 4.8	R 36.1
2013	0.0	3.5	9.3	6.0	0.3	15.7	9.7	(s)	R 0.1	7.3	R 36.2	R 4.7	R 41.0
2014	0.0	3.9	10.2	6.4	0.4	17.0	9.8	(s)	R 0.2	7.2	R 38.1	R 5.0	R 43.1
2015	0.0	3.9	10.9	6.2	0.4	17.4	R 14.9	(s)	R 0.2	7.1	43.6	R 1.0	R 44.7
2016	0.0	3.6	10.0	5.6	0.5	16.0	R 12.4	(s)	R 0.3	7.0	R 39.4	R 1.2	R 40.6
2017	0.0	3.6	10.3	6.4	0.3	17.0	R 12.5	(s)	R 0.3	6.9	R 40.4	R 1.0	R 41.4
2018	0.0	4.2	10.5	7.1	0.3	18.0	R 15.8	(s)	R 0.4	7.2	R 45.6	R 1.1	R 46.7
2019	0.0	4.3	11.5	7.1	0.4	18.9	R 14.8	(s)	R 0.4	7.1	R 45.6	R 0.7	R 46.3
2020	0.0	4.0	10.8	6.1	0.4	17.2	R 9.6	(s)	R 0.5	7.4	R 38.6	R 0.8	R 39.4
2021	0.0	3.9	9.7	6.5	0.3	16.5	R 9.6	(s)	R 0.5	7.4	R 38.0	R 0.9	R 38.9
2022	0.0	4.1	9.6	5.9	0.3	15.9	12.6	(s)	0.5	7.5	40.6	0.8	41.4

[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] Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.
[h] 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 End Use and Total.
[i] 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.
Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. http://www.eia.gov/state/seds/

Table CT5. Commercial sector energy consumption estimates, selected years, 1960-2022, Vermont

Year	Coal	Natural gas [a]	Petroleum						Hydro-electric power [e,f]	Biomass	Geothermal [f]	Solar [f,h]	Electricity [i]	End use [f,j]	Electrical system energy losses [k]	Total [f,j]
			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	– –	– –	– –
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	– –	– –	2	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	– –	– –	– –
2020	0	7	525	905	7	141	8	1,587	0	– –	– –	66	1,806	– –	– –	– –
2021	0	7	582	858	4	143	15	R 1,601	0	– –	– –	70	1,867	– –	– –	– –
2022	0	7	572	910	4	147	15	1,647	0	– –	– –	79	1,916	– –	– –	– –
									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	R 1.6	R 8.4
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	R 2.0	R 10.8
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	R 4.3	R 15.2
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	R 4.9	R 15.5
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	R 6.7	R 17.0
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	R 6.7	R 17.3
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	R 7.0	R 21.1
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	R 6.3	R 21.2
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	R 7.8	R 26.2
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	R 10.0	R 28.3
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	R 9.7	R 27.3
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	R 10.4	R 28.3
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	R 9.2	R 26.4
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	R 9.1	R 27.3
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	R 9.4	R 27.0
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	R 9.0	R 27.0
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	R 4.5	R 21.9
2013	0.0	4.8	3.3	3.8	(s)	(s)	0.2	7.4	0.0	1.4	0.0	R (s)	6.9	20.5	R 4.5	R 24.9
2014	0.0	4.9	3.6	4.0	(s)	(s)	0.2	7.8	0.0	1.4	0.0	R (s)	6.9	21.1	R 4.8	R 25.8
2015	0.0	6.1	4.8	4.2	(s)	0.7	0.1	9.8	0.0	R 2.4	0.0	R 0.1	6.9	R 25.1	R 1.0	R 26.1
2016	0.0	6.4	3.3	3.4	(s)	0.7	0.1	7.6	0.0	R 2.4	0.0	R 0.1	6.9	R 23.3	R 1.2	R 24.5
2017	0.0	6.4	3.2	2.1	(s)	0.7	0.2	6.2	0.0	R 2.5	0.0	R 0.1	6.7	R 21.9	R 1.0	R 22.9
2018	0.0	7.6	3.2	3.5	(s)	0.7	0.1	7.4	0.0	2.5	0.0	R 0.2	6.8	R 24.6	R 1.0	R 25.6
2019	0.0	7.6	3.2	3.1	(s)	0.7	(s)	7.1	0.0	2.3	0.0	R 0.2	6.6	R 23.8	R 0.7	R 24.4
2020	0.0	7.3	3.0	3.5	(s)	0.7	0.1	7.3	0.0	2.3	0.0	R 0.2	6.2	R 23.3	R 0.7	R 23.9
2021	0.0	7.8	3.4	3.3	(s)	0.7	0.1	7.5	0.0	2.3	0.0	R 0.2	6.4	R 24.2	R 0.8	R 25.0
2022	0.0	7.7	3.3	3.5	(s)	0.7	0.1	7.6	0.0	2.5	0.0	0.3	6.5	24.6	0.7	25.3

[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 hydroelectric pumped-storage, 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] Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.
[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 End Use 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.
[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.

– – = 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.

Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. http://www.eia.gov/state/seds/

Table CT6. Industrial sector energy consumption estimates, selected years, 1960-2022, Vermont

Year	Coal	Natural gas [a]	Petroleum						Hydro-electric power [e,f]	Biomass		Geo-thermal [f]	Solar [f,i]	Electricity [j]	End use [f,k]	Electrical system energy losses [l]	Total [f,k]
			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	– –	– –	– –
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	74	149	97	798	1,668	25	– –	– –	– –	(s)	1,446	– –	– –	– –
2011	0	3	678	74	149	96	743	1,740	24	– –	– –	– –	(s)	1,417	– –	– –	– –
2012	0	3	608	70	127	56	739	1,600	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	1,595	0	– –	– –	– –	(s)	1,418	– –	– –	– –
2015	0	2	521	75	95	27	759	1,477	0	– –	– –	– –	(s)	1,422	– –	– –	– –
2016	0	2	550	52	91	14	R 643	1,350	0	– –	– –	– –	(s)	1,446	– –	– –	– –
2017	0	2	591	124	92	16	R 736	R 1,560	0	– –	– –	– –	2	1,424	– –	– –	– –
2018	0	2	603	77	93	17	R 634	R 1,425	0	– –	– –	– –	2	1,411	– –	– –	– –
2019	0	2	619	41	90	16	R 557	R 1,324	0	– –	– –	– –	2	1,412	– –	– –	– –
2020	0	2	696	65	91	7	R 682	R 1,540	0	– –	– –	– –	2	1,369	– –	– –	– –
2021	0	2	571	50	90	17	R 648	R 1,377	0	– –	– –	– –	2	1,371	– –	– –	– –
2022	0	2	578	49	93	18	654	1,392	0	– –	– –	– –	2	1,367	– –	– –	– –
			Trillion Btu														
1960	1.1	0.0	1.4	0.4	0.0	1.6	2.2	5.5	R 0.2	4.4	NA	NA	NA	0.7	R 11.9	R 1.3	R 13.2
1965	0.4	0.0	1.8	0.3	0.5	3.0	1.9	7.6	R 0.2	4.1	NA	NA	NA	1.2	R 13.5	R 2.4	R 15.8
1970	0.1	1.1	2.7	0.4	0.4	2.9	2.4	8.8	R 0.2	4.3	NA	NA	NA	2.7	R 17.2	R 5.5	R 22.7
1975	0.1	1.5	2.1	0.6	0.4	2.6	1.1	6.9	R 0.2	4.1	NA	NA	NA	2.9	R 15.8	R 6.0	R 21.8
1980	(s)	1.6	2.9	0.9	0.1	1.5	0.9	6.3	R 0.2	9.5	NA	NA	NA	4.3	R 21.9	R 9.1	R 31.0
1985	0.1	1.9	2.9	0.2	0.6	0.6	2.8	7.2	R 0.2	11.2	0.0	NA	NA	5.2	R 25.8	R 10.5	R 36.3
1990	(s)	1.8	3.2	0.3	0.4	0.7	0.8	5.5	R 0.1	2.1	0.0	0.0	(s)	4.7	R 14.3	R 6.3	R 20.6
1995	0.0	2.1	1.9	0.8	0.5	0.9	1.8	5.9	R 0.1	3.2	0.0	0.0	(s)	5.1	R 16.3	R 5.6	R 22.0
2000	0.0	4.0	2.2	0.8	0.4	1.3	1.7	6.4	R 0.1	3.0	0.0	0.0	(s)	5.6	R 19.1	R 6.6	R 25.7
2005	0.0	2.6	3.3	0.9	1.2	1.0	1.3	7.7	R 0.1	2.2	0.0	0.0	(s)	5.6	R 18.2	R 8.0	R 26.2
2006	0.0	2.8	3.0	1.4	1.4	0.8	1.0	7.5	R 0.1	2.5	0.0	0.0	(s)	5.5	R 18.4	R 7.8	R 26.1
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	R 8.2	R 25.7
2008	0.0	3.0	3.0	0.6	0.6	0.7	0.4	5.3	R 0.1	1.5	0.0	0.0	(s)	5.3	R 15.2	R 7.1	R 22.3
2009	0.0	2.9	3.1	0.3	0.6	0.7	4.1	8.7	R 0.1	1.4	0.0	0.0	(s)	4.7	R 17.9	R 6.4	R 24.2
2010	0.0	2.9	3.2	0.3	0.8	0.6	5.3	10.1	R 0.1	2.2	0.0	0.0	(s)	4.9	R 20.2	R 6.7	R 26.9
2011	0.0	2.8	3.9	0.3	0.8	0.6	4.9	10.5	R 0.1	0.4	0.0	0.0	(s)	4.8	R 18.7	R 6.4	R 25.0
2012	0.0	2.7	3.5	0.3	0.6	0.4	4.9	9.6	R 0.1	0.4	0.0	0.0	(s)	4.9	R 17.8	R 3.2	R 21.0
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	R 3.2	R 19.8
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	R 3.3	R 20.1
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	R 0.7	R 17.0
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	R 0.9	R 16.5
2017	0.0	2.3	3.4	0.5	0.5	0.1	4.8	9.3	0.0	0.2	0.0	0.0	(s)	4.9	16.6	R 0.7	R 17.3
2018	0.0	2.4	3.5	0.3	0.5	0.1	4.1	8.5	0.0	0.2	0.0	0.0	(s)	4.8	15.9	R 0.7	R 16.6
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	R 0.5	R 15.9
2020	0.0	2.3	4.0	0.2	0.5	(s)	R 4.5	9.2	0.0	0.2	0.0	0.0	(s)	4.7	16.4	R 0.5	R 16.9
2021	0.0	2.1	3.3	0.2	0.5	0.1	4.2	8.3	0.0	0.2	0.0	0.0	(s)	4.7	15.3	R 0.6	R 15.8
2022	0.0	2.3	3.3	0.2	0.5	0.1	4.3	8.4	0.0	0.2	0.0	0.0	(s)	4.7	15.5	0.5	16.0

[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 hydroelectric pumped-storage, 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] Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.
[k] 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 End Use 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.
[l] 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.
Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. http://www.eia.gov/state/seds/

Table CT7. Transportation sector energy consumption estimates, selected years, 1960-2022, Vermont

Year	Coal	Natural gas [a]	Petroleum								Electricity [f]	End use [g,h]	Electrical system energy losses [i]	Total [g,h]
			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	– –	– –	– –
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	2	161	50	7,710	0	9,641	0	– –	– –	– –
2011	0	(s)	8	1,691	2	183	47	7,463	0	9,394	0	– –	– –	– –
2012	0	(s)	8	1,661	4	185	43	7,276	0	9,176	0	– –	– –	– –
2013	0	(s)	7	1,694	2	171	45	7,413	0	9,333	0	– –	– –	– –
2014	0	(s)	4	1,664	4	195	45	7,335	0	9,248	0	– –	– –	– –
2015	0	(s)	7	1,856	5	191	51	7,191	0	9,301	0	– –	– –	– –
2016	0	(s)	7	1,906	5	209	R 49	7,186	5	9,366	0	– –	– –	– –
2017	0	(s)	7	1,792	2	151	44	7,167	7	9,171	0	– –	– –	– –
2018	0	(s)	9	1,754	2	161	39	6,587	0	8,552	0	– –	– –	– –
2019	0	(s)	9	1,661	3	170	38	7,022	0	R 8,904	0	– –	– –	– –
2020	0	(s)	7	1,519	2	153	32	5,773	0	7,486	0	– –	– –	– –
2021	0	(s)	9	R 1,504	1	208	R 34	6,373	2	R 8,156	0	– –	– –	– –
2022	0	(s)	9	1,449	1	230	35	6,352	2	8,099	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
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)	0.9	0.3	39.1	0.0	50.2	0.0	50.2	0.0	50.2
2011	0.0	0.1	(s)	9.8	(s)	1.0	0.3	37.8	0.0	48.9	0.0	49.0	0.0	49.0
2012	0.0	0.1	(s)	9.6	(s)	1.0	0.3	36.8	0.0	47.8	0.0	47.9	0.0	47.9
2013	0.0	0.1	(s)	9.8	(s)	1.0	0.3	37.5	0.0	48.6	0.0	48.7	0.0	48.7
2014	0.0	0.1	(s)	9.6	(s)	1.1	0.3	37.1	0.0	48.1	0.0	48.2	0.0	48.2
2015	0.0	0.1	(s)	10.7	(s)	1.1	0.3	36.4	0.0	48.5	0.0	48.6	0.0	48.6
2016	0.0	0.1	(s)	11.0	(s)	1.2	0.3	36.3	(s)	48.9	0.0	49.0	0.0	49.0
2017	0.0	(s)	(s)	10.3	(s)	0.9	0.3	36.2	(s)	47.7	0.0	47.8	0.0	47.8
2018	0.0	(s)	(s)	10.1	(s)	0.9	0.2	33.3	0.0	44.6	0.0	44.6	0.0	44.6
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
2020	0.0	(s)	(s)	8.7	(s)	0.9	0.2	29.2	0.0	39.0	0.0	39.0	0.0	39.0
2021	0.0	(s)	(s)	R 8.7	(s)	1.2	0.2	32.2	(s)	R 42.4	0.0	R 42.5	0.0	R 42.5
2022	0.0	(s)	(s)	8.4	(s)	1.3	0.2	32.1	(s)	42.1	0.0	42.2	0.0	42.2

[a] Transportation use of natural gas to operate pipelines and, since 1990, also includes vehicle fuel.
[b] Beginning in 2009, includes biodiesel blended into distillate fuel oil. Beginning in 2011, includes renewable diesel 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." There is a discontinuity in this time series between 2009 and 2010 because of data source and methodology changes, see technical notes.
[e] Beginning in 1993, includes fuel ethanol blended into motor gasoline.
[f] Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers. Sales to public railroads and railway systems only. Excludes electric vehicles.
[g] There is a discontinuity in this time series between 1980 and 1981 due to the expanded coverage of fuel ethanol beginning in 1981.
[h] For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.
[i] 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.
Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. http://www.eia.gov/state/seds/

Table CT8. Electric power sector consumption estimates, selected years, 1960-2022, 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	– –
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	9,720	– –
2019	0	(s)	3	0	0	3	0	1,337	– –	0	147	377	14,133	– –
2020	0	(s)	5	0	0	5	0	1,130	– –	0	183	384	14,065	– –
2021	0	(s)	6	0	0	6	0	1,093	– –	0	173	338	13,904	– –
2022	0	(s)	11	0	0	11	0	1,141	– –	0	202	409	13,703	– –
							Trillion Btu							
1960	0.5	0.0	(s)	0.0	(s)	0.1	0.0	R 2.8	0.0	0.0	NA	NA	0.2	R 3.6
1965	1.2	0.0	0.2	0.0	(s)	0.2	0.0	R 2.3	0.0	0.0	NA	NA	0.1	R 3.8
1970	1.4	0.0	1.6	0.0	0.1	1.7	0.0	R 2.5	0.0	0.0	NA	NA	0.2	R 5.7
1975	0.3	0.6	0.5	0.0	(s)	0.5	39.2	R 3.0	0.0	0.0	NA	NA	0.3	R 43.8
1980	0.2	0.2	0.4	0.0	0.0	0.4	32.5	R 2.5	0.5	0.0	NA	NA	0.6	R 37.0
1985	0.7	0.1	0.2	0.0	0.0	0.2	31.9	R 2.9	2.9	0.0	0.0	0.0	1.1	R 39.8
1990	0.0	0.7	(s)	0.0	0.0	(s)	38.3	R 4.6	1.0	0.0	0.0	0.0	5.8	R 50.4
1995	0.0	0.1	0.2	0.0	0.0	0.2	40.5	R 3.3	3.4	0.0	0.0	0.0	13.5	R 61.1
2000	0.0	1.0	0.9	0.0	0.0	0.9	47.4	R 4.1	3.9	0.0	0.0	R (s)	13.4	R 70.8
2005	0.0	(s)	0.1	0.0	0.0	0.1	42.5	R 4.1	5.3	0.0	0.0	R (s)	7.2	R 59.2
2006	0.0	(s)	(s)	0.0	0.0	(s)	53.3	R 5.1	5.8	0.0	0.0	R (s)	8.3	R 72.6
2007	0.0	(s)	0.1	0.0	0.0	0.1	49.3	R 2.2	6.0	0.0	0.0	R (s)	8.5	R 66.2
2008	0.0	(s)	(s)	0.0	(s)	(s)	51.2	R 5.0	5.6	0.0	0.0	R (s)	8.5	R 70.4
2009	0.0	0.1	(s)	0.0	(s)	(s)	56.1	R 5.0	5.7	0.0	0.0	R (s)	8.7	R 75.6
2010	0.0	0.1	(s)	0.0	(s)	(s)	50.0	R 4.5	6.5	0.0	0.0	R (s)	8.3	R 69.4
2011	0.0	(s)	(s)	0.0	(s)	(s)	51.4	R 4.8	5.5	0.0	(s)	R 0.1	8.6	R 70.5
2012	0.0	(s)	(s)	0.0	(s)	(s)	52.3	R 3.8	5.0	0.0	(s)	R 0.4	39.2	R 100.8
2013	0.0	(s)	(s)	0.0	0.0	(s)	50.6	R 4.4	6.8	0.0	R 0.1	R 0.8	40.1	R 102.8
2014	0.0	(s)	(s)	0.0	0.0	(s)	52.9	R 4.0	6.4	0.0	R 0.1	R 1.1	38.1	R 102.6
2015	0.0	(s)	(s)	0.0	0.0	(s)	0.0	R 3.9	6.5	0.0	R 0.2	R 1.1	36.8	R 48.6
2016	0.0	(s)	(s)	0.0	0.0	(s)	0.0	R 3.7	6.6	0.0	R 0.2	R 1.0	30.6	R 42.1
2017	0.0	(s)	0.1	0.0	0.0	0.1	0.0	R 4.4	6.2	0.0	R 0.3	R 1.0	35.3	R 47.3
2018	0.0	(s)	(s)	0.0	0.0	(s)	0.0	R 4.3	6.1	0.0	R 0.4	R 1.3	33.2	R 45.2
2019	0.0	(s)	(s)	0.0	0.0	(s)	0.0	R 4.6	5.9	0.0	R 0.5	R 1.3	48.2	R 60.5
2020	0.0	(s)	(s)	0.0	0.0	(s)	0.0	R 3.9	6.4	0.0	R 0.6	R 1.3	48.0	R 60.2
2021	0.0	(s)	(s)	0.0	0.0	(s)	0.0	R 3.7	7.1	0.0	R 0.6	R 1.2	47.4	R 60.1
2022	0.0	(s)	0.1	0.0	0.0	0.1	0.0	3.9	6.0	0.0	0.7	1.4	46.8	58.8

[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.

Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. http://www.eia.gov/state/seds/