

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

Year	Coal Thousand short tons	Natural gas ^a Billion cubic feet	Petroleum					Hydro-electric power ^{e,f} Million kilowatthours	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}		Million kilowatthours				
												Thousand barrels				
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/>