

Table CT3. Total End-Use Sector Energy Consumption Estimates, Selected Years, 1960-2021, Vermont

Year	Coal Thousand Short Tons	Natural Gas ^a Billion Cubic Feet	Petroleum							Hydro-electric Power ^{g,h} Million Kilowatt-hours	Biomass		Geo-thermal ^h	Solar ^{h,k}	Electricity ⁱ Million Kilowatt-hours	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 Barrels															
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	849	15,515	0	--	--	--	5,424	--	--	--	
2018	0	14	4,736	2,835	161	6,819	28	743	15,322	0	--	--	--	5,531	--	--	--	
2019	0	14	4,835	2,679	R 170	7,253	23	R 673	15,633	0	--	--	--	5,428	--	--	--	
2020	0	13	4,610	2,548	R 153	6,005	15	R 796	14,127	0	--	--	--	5,331	--	--	--	
2021	0	13	4,369	2,602	208	6,606	34	779	14,598	0	--	--	--	5,413	--	--	--	

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
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	0.9	39.9	1.0	6.5	83.9	0.2	12.5	0.0	(s)	0.1	19.1	124.3	31.4	155.7
2011	0.0	8.6	27.6	8.4	1.0	38.6	0.9	5.9	82.4	0.2	10.6	0.0	(s)	0.2	18.9	121.1	30.6	151.7
2012	0.0	8.3	24.4	9.0	1.0	37.5	0.6	5.5	78.0	0.2	9.1	0.0	(s)	0.2	18.8	114.6	14.9	129.5
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)	0.3	19.1	122.0	15.3	137.4
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)	0.4	19.0	124.4	15.9	140.4
2015	0.0	12.2	29.3	10.7	1.1	37.5	0.3	5.7	84.6	0.0	17.5	0.0	(s)	0.6	18.8	133.8	6.7	140.5
2016	0.0	12.4	27.5	9.2	1.2	37.5	0.2	5.0	80.6	0.0	15.0	0.0	(s)	0.8	18.8	127.6	R 7.7	135.3
2017	0.0	12.3	27.2	9.0	0.9	37.4	0.3	5.5	80.2	0.0	15.0	0.0	(s)	1.1	18.5	127.1	7.0	134.1
2018	0.0	14.2	27.3	10.9	0.9	34.5	0.2	4.8	78.5	0.0	18.3	0.0	(s)	1.3	18.9	131.1	7.5	138.6
2019	0.0	14.4	27.8	10.3	1.0	36.6	0.1	4.3	80.2	0.0	17.1	0.0	(s)	1.5	18.5	131.6	5.3	136.9
2020	0.0	13.6	26.5	9.8	R 0.9	30.3	0.1	5.1	72.7	0.0	14.6	0.0	(s)	1.6	18.2	120.7	5.0	125.7
2021	0.0	13.8	25.2	10.0	1.2	33.4	0.2	5.0	74.9	0.0	14.6	0.0	(s)	1.7	18.5	123.6	5.2	128.8

^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.

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/>