

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

Year	Coal <sup>a</sup> Thousand short tons	Natural gas <sup>b</sup> Billion cubic feet	Petroleum				Biomass Wood <sup>d</sup>	Geothermal <sup>e</sup>	Solar <sup>e,f</sup>	Electricity <sup>g</sup> Million kilowatthours	End use <sup>e,h</sup>	Electrical system energy losses <sup>i</sup>	Total <sup>e,h</sup>
			Distillate fuel oil	HGL <sup>c</sup>	Kerosene	Total							
1960	766	27	6,520	608	4,655	11,783	--	--	4,099	--	--	--	
1965	454	36	7,471	939	4,847	13,257	--	--	6,557	--	--	--	
1970	264	50	9,734	1,185	4,544	15,462	--	--	11,546	--	--	--	
1975	97	49	9,091	1,293	2,056	12,440	--	--	15,871	--	--	--	
1980	41	55	7,380	1,247	1,403	10,030	--	--	19,731	--	--	--	
1985	60	49	5,738	1,495	3,611	10,844	--	--	22,568	--	--	--	
1990	47	51	6,069	1,759	1,160	8,988	--	--	28,130	--	--	--	
1995	37	69	5,162	2,380	1,220	8,762	--	--	33,472	--	--	--	
2000	9	80	5,679	2,899	1,642	10,219	--	--	37,541	--	--	--	
2005	10	85	5,390	3,195	1,426	10,010	--	--	44,662	--	--	--	
2006	2	72	4,524	2,551	1,139	8,214	--	--	42,906	--	--	--	
2007	8	81	4,358	2,914	740	8,012	--	--	45,481	--	--	--	
2008	0	80	3,993	3,098	307	7,398	--	--	44,597	--	--	--	
2009	0	84	3,030	3,511	286	6,827	--	--	44,763	--	--	--	
2010	0	88	3,215	3,455	332	7,001	--	--	48,439	--	--	--	
2011	0	79	2,822	3,289	155	6,266	--	--	45,771	--	--	--	
2012	0	70	2,095	2,642	71	4,807	--	--	43,535	--	--	--	
2013	0	86	2,355	3,161	79	5,594	--	--	45,416	--	--	--	
2014	0	93	2,437	3,054	123	5,614	--	--	46,444	--	--	--	
2015	0	85	2,249	3,201	85	5,534	--	--	45,928	--	--	--	
2016	0	77	1,712	2,735	113	4,560	--	--	45,186	--	--	--	
2017	0	77	1,548	2,565	64	4,177	--	--	43,982	--	--	--	
2018	0	89	1,967	3,156	68	5,192	--	--	47,963	--	--	--	
2019	0	82	1,638	3,313	74	5,025	--	--	46,666	--	--	--	
2020	0	75	1,593	3,434	83	5,110	--	--	46,089	--	--	--	
2021	0	81	R 2,095	3,056	76	R 5,227	--	--	46,634	--	--	--	
2022	0	84	2,155	3,007	69	5,231	--	--	46,718	--	--	--	
<b>Trillion Btu</b>													
1960	19.0	27.9	38.0	2.3	26.4	66.7	30.0	NA	NA	14.0	157.5	R 28.2	R 185.7
1965	11.2	37.4	43.5	3.6	27.5	74.6	22.2	NA	NA	22.4	167.8	R 44.0	R 211.8
1970	6.3	50.8	56.7	4.6	25.8	87.0	17.6	NA	NA	39.4	201.2	R 80.7	R 281.9
1975	2.3	49.7	53.0	5.0	11.7	69.6	18.5	NA	NA	54.2	194.2	R 110.6	R 304.8
1980	1.0	55.6	43.0	4.8	8.0	55.7	20.5	NA	NA	67.3	200.2	R 143.2	R 343.4
1985	1.5	50.7	33.4	5.7	20.5	59.6	25.2	NA	NA	77.0	213.8	R 156.5	R 370.3
1990	1.2	53.6	35.4	6.8	6.6	48.7	10.4	0.1	0.1	96.0	210.1	R 219.7	R 429.8
1995	0.9	70.8	30.0	9.1	6.9	46.1	15.6	0.1	0.1	114.2	247.8	R 267.7	R 515.5
2000	0.2	82.5	33.0	11.1	9.3	53.5	12.1	0.2	0.1	128.1	276.6	R 303.7	R 580.3
2005	0.2	89.0	31.4	12.3	8.1	51.7	15.2	0.3	0.3	152.4	309.1	R 349.7	R 658.8
2006	0.1	74.2	26.3	9.8	6.5	42.5	13.5	0.4	0.3	146.4	277.4	R 333.8	R 611.2
2007	0.2	84.0	25.2	11.2	4.2	40.6	14.9	0.5	0.4	155.2	295.7	R 352.3	R 648.0
2008	0.0	82.7	23.1	11.9	1.7	36.7	16.7	R 0.4	0.5	152.2	R 289.2	R 344.6	R 633.9
2009	0.0	87.4	17.5	13.5	1.6	32.6	16.2	0.7	0.5	152.7	290.0	R 335.0	R 625.0
2010	0.0	90.4	18.6	13.3	1.9	33.7	17.3	0.8	0.5	165.3	R 307.9	R 361.0	R 669.0
2011	0.0	81.4	16.3	12.6	0.9	29.8	16.8	0.8	0.5	156.2	285.4	R 328.6	R 614.0
2012	0.0	72.9	12.1	10.1	0.4	22.6	14.0	0.8	0.5	148.5	R 259.4	R 303.7	R 563.1
2013	0.0	88.9	13.6	12.1	0.4	26.2	18.3	0.8	R 0.5	155.0	R 289.6	R 320.0	R 609.6
2014	0.0	97.4	14.0	11.7	0.7	26.5	18.5	0.8	0.6	158.5	R 302.2	R 324.7	R 626.9
2015	0.0	89.6	13.0	12.3	0.5	25.7	14.3	0.8	R 0.6	156.7	R 287.6	R 309.9	R 597.5
2016	0.0	81.1	9.9	10.5	0.6	21.0	12.8	0.8	R 0.6	154.2	R 270.4	R 295.0	R 565.4
2017	0.0	81.1	8.9	9.9	0.4	19.1	10.9	0.8	R 0.7	150.1	R 262.8	R 275.7	R 538.4
2018	0.0	94.2	11.3	12.1	0.4	23.8	13.8	0.8	R 0.7	163.6	R 297.0	R 294.4	R 591.4
2019	0.0	86.5	9.4	12.7	0.4	22.6	12.2	0.8	R 0.9	159.2	R 282.2	R 274.1	R 556.3
2020	0.0	79.7	9.2	13.2	0.5	22.8	R 8.4	0.8	R 1.1	157.3	R 270.1	R 259.9	R 530.0
2021	0.0	86.3	12.1	11.7	0.4	R 24.2	R 8.2	0.8	R 1.4	159.1	R 280.0	R 262.6	R 542.7
2022	0.0	89.0	12.4	11.6	0.4	24.4	10.1	0.8	1.6	159.4	285.2	259.1	544.3

<sup>a</sup> Beginning in 2008, data are no longer collected and are assumed to be zero.  
<sup>b</sup> Includes supplemental gaseous fuels that are commingled with natural gas.  
<sup>c</sup> Hydrocarbon gas liquids, assumed to be propane only.  
<sup>d</sup> Wood and wood-derived fuels.  
<sup>e</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.  
<sup>f</sup> Solar thermal and photovoltaic energy. Includes solar thermal energy consumed as heat by the commercial and industrial sectors.  
<sup>g</sup> Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.  
<sup>h</sup> 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.

<sup>i</sup> 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/>