

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

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	563	34	80	813	797	1,691	--	--	--	8,683	--	--	--
1965	378	37	100	1,072	881	2,052	--	--	--	12,134	--	--	--
1970	304	47	169	2,185	2,027	4,382	--	--	--	17,942	--	--	--
1975	98	44	237	2,611	1,316	4,163	--	--	--	23,034	--	--	--
1980	49	45	308	1,416	549	2,273	--	--	--	26,207	--	--	--
1985	37	39	269	1,140	737	2,147	--	--	--	25,546	--	--	--
1990	44	46	275	1,620	324	2,218	--	--	--	28,757	--	--	--
1995	19	60	260	2,008	372	2,641	--	--	--	30,967	--	--	--
2000	12	68	174	3,252	378	3,805	--	--	--	36,622	--	--	--
2005	3	66	102	2,525	284	2,911	--	--	--	41,132	--	--	--
2006	4	61	107	2,264	283	2,655	--	--	--	40,816	--	--	--
2007	7	61	127	2,291	204	2,622	--	--	--	42,880	--	--	--
2008	0	69	160	2,035	70	2,264	--	--	--	41,947	--	--	--
2009	0	66	165	2,548	103	2,815	--	--	--	40,275	--	--	--
2010	0	74	153	2,817	128	3,099	--	--	--	45,191	--	--	--
2011	0	67	45	1,984	51	2,080	--	--	--	43,068	--	--	--
2012	0	54	41	1,152	17	1,210	--	--	--	39,754	--	--	--
2013	0	71	39	1,400	23	1,462	--	--	--	40,906	--	--	--
2014	0	78	39	1,879	39	1,957	--	--	--	42,538	--	--	--
2015	0	67	51	1,673	29	1,753	--	--	--	41,667	--	--	--
2016	0	59	34	1,504	44	1,582	--	--	--	41,774	--	--	--
2017	0	57	39	1,417	30	1,486	--	--	--	39,293	--	--	--
2018	0	75	34	1,727	30	1,790	--	--	--	44,382	--	--	--
2019	0	69	28	1,902	38	1,967	--	--	--	42,573	--	--	--
2020	0	66	29	1,525	44	1,598	--	--	--	41,085	--	--	--
2021	0	72	49	1,593	33	1,675	--	--	--	42,840	--	--	--
2022	0	73	51	1,746	30	1,827	--	--	--	43,604	--	--	--

**Trillion Btu**

1960	13.9	35.1	0.5	3.1	4.5	8.1	25.4	NA	NA	29.6	112.1	R 59.7	R 171.8
1965	9.3	38.9	0.6	4.1	5.0	9.7	19.0	NA	NA	41.4	118.2	R 81.4	R 199.7
1970	7.2	47.6	1.0	8.4	11.5	20.9	16.1	NA	NA	61.2	153.0	R 125.4	R 278.4
1975	2.3	45.4	1.4	10.0	7.5	18.9	16.8	NA	NA	78.6	161.9	R 160.5	R 322.4
1980	1.2	45.6	1.8	5.4	3.1	10.3	19.4	NA	NA	89.4	166.0	R 190.2	R 356.2
1985	0.9	40.8	1.6	4.4	4.2	10.1	34.5	NA	NA	87.2	173.5	R 177.1	R 350.6
1990	1.1	48.0	1.6	6.2	1.8	9.7	18.4	(s)	0.1	98.1	175.3	R 195.9	R 371.1
1995	0.5	61.9	1.5	7.7	2.1	11.3	14.7	(s)	0.1	105.7	194.2	R 211.3	R 405.5
2000	0.3	71.0	1.0	12.5	2.1	15.7	8.0	(s)	0.1	125.0	220.0	R 272.0	R 492.0
2005	0.1	68.6	0.6	9.7	1.6	11.9	11.5	0.1	(s)	140.3	232.5	R 292.8	R 525.3
2006	0.1	63.4	0.6	8.7	1.6	10.9	10.2	0.1	(s)	139.3	223.9	R 297.0	R 521.0
2007	0.2	63.1	0.7	8.8	1.2	10.7	11.3	0.1	(s)	146.3	231.6	R 316.8	R 548.4
2008	0.0	71.8	0.9	7.8	0.4	9.1	12.6	0.1	(s)	143.1	236.8	R 306.5	R 543.3
2009	0.0	68.0	1.0	9.8	0.6	11.3	7.7	0.2	(s)	137.4	224.6	R 277.2	R 501.8
2010	0.0	76.0	0.9	10.8	0.7	12.4	8.2	0.2	(s)	154.2	251.1	R 324.3	R 575.4
2011	0.0	68.2	0.3	7.6	0.3	8.2	8.0	0.2	(s)	146.9	231.5	R 296.3	R 527.8
2012	0.0	54.6	0.2	4.4	0.1	4.8	6.7	0.2	(s)	135.6	201.9	R 268.2	R 470.1
2013	0.0	72.6	0.2	5.4	0.1	5.7	8.7	0.2	(s)	139.6	226.8	R 266.9	R 493.7
2014	0.0	80.6	0.2	7.2	0.2	7.7	8.8	0.2	(s)	145.1	242.4	R 286.8	R 529.3
2015	0.0	69.7	0.3	6.4	0.2	6.9	7.7	0.2	(s)	142.2	226.7	R 274.7	R 501.4
2016	0.0	61.2	0.2	5.8	0.2	6.2	6.8	0.2	R 0.1	142.5	R 217.1	R 285.6	R 502.7
2017	0.0	58.9	0.2	5.4	0.2	5.8	5.4	0.2	R 0.1	134.1	R 204.6	R 261.0	R 465.5
2018	0.0	77.9	0.2	6.6	0.2	7.0	7.2	0.2	R 0.1	151.4	R 243.9	R 280.6	R 524.4
2019	0.0	72.0	0.2	7.3	0.2	7.7	7.5	0.2	R 0.1	145.3	R 232.8	R 258.9	R 491.7
2020	0.0	R 68.4	0.2	5.9	0.3	6.3	R 4.6	0.2	R 0.1	140.2	R 219.8	R 236.6	R 456.4
2021	0.0	R 74.7	0.3	6.1	0.2	6.6	R 4.5	0.2	R 0.1	146.2	R 232.3	R 261.0	R 493.3
2022	0.0	75.8	0.3	6.7	0.2	7.2	5.8	0.2	0.1	148.8	237.9	267.2	505.1

<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/>