

**Table CT1. Energy Consumption Estimates for Selected Energy Sources in Physical Units, Selected Years, 1960-2021, Tennessee**

Year	Coal Thousand Short Tons	Natural Gas <sup>a</sup> Billion Cubic Feet	Petroleum							Nuclear Electric Power Million Kilowatthours	Hydro-electric Power <sup>g</sup> Million Kilowatthours	Fuel Ethanol <sup>h</sup> Thousand Barrels	Biodiesel Thousand Barrels
			Distillate Fuel Oil <sup>b</sup>	HGL <sup>c</sup>	Jet Fuel <sup>d</sup>	Motor Gasoline <sup>e</sup>	Residual Fuel Oil	Other <sup>f</sup>	Total				
			Thousand Barrels										
1960	15,438	147	5,291	1,311	570	27,268	188	7,623	42,250	0	8,676	NA	NA
1965	14,172	202	7,295	1,912	1,174	32,481	287	10,425	53,574	0	8,750	NA	NA
1970	17,726	256	10,952	3,182	3,335	41,869	597	11,692	71,627	0	8,067	NA	NA
1971	16,661	265	11,565	3,187	3,335	44,504	373	11,303	74,267	0	9,420	NA	NA
1972	19,920	277	14,332	3,515	3,439	48,333	518	11,661	81,798	0	11,132	NA	NA
1973	23,870	294	15,816	3,825	3,795	52,393	645	12,821	89,296	0	11,452	NA	NA
1974	21,319	260	16,202	3,453	3,837	51,635	869	10,581	86,576	0	11,767	NA	NA
1975	21,308	217	17,479	3,830	3,936	53,735	714	11,000	90,694	0	11,806	NA	NA
1976	24,878	212	22,011	3,766	4,105	56,247	2,963	11,749	100,840	0	9,474	NA	NA
1977	24,753	202	24,108	3,545	4,377	57,655	3,370	12,990	106,045	0	10,396	NA	NA
1978	24,854	184	27,395	3,662	4,683	60,053	2,284	13,003	111,080	0	8,783	NA	NA
1979	23,453	226	24,146	3,008	4,895	57,140	2,445	11,757	103,392	0	12,306	NA	NA
1980	24,687	230	19,176	2,787	4,154	54,948	1,499	9,367	91,930	519	8,764	NA	NA
1981	24,212	224	19,545	1,515	3,486	54,603	1,227	9,646	90,022	4,704	5,915	0	NA
1982	19,829	207	18,812	2,299	2,289	54,521	721	9,958	88,599	10,104	9,769	0	NA
1983	23,088	195	20,151	2,313	2,060	53,855	1,042	8,239	87,659	14,051	9,952	281	NA
1984	23,355	206	21,577	2,228	3,636	57,390	695	9,554	95,081	12,501	10,181	592	NA
1985	25,167	190	22,594	2,281	4,862	58,047	539	9,785	98,109	9,672	6,539	686	NA
1986	25,272	188	22,631	2,678	5,925	60,296	581	8,957	101,068	-105	5,326	857	NA
1987	24,750	201	23,368	2,613	5,686	57,490	320	9,951	99,427	-108	7,566	1,277	NA
1988	25,219	214	23,966	3,108	4,231	59,302	445	10,090	101,142	3,940	4,591	1,410	NA
1989	23,561	221	24,047	3,476	4,356	60,057	460	11,332	103,728	15,603	11,853	1,079	NA
1990	24,878	220	24,502	2,906	4,181	58,001	307	11,028	100,925	14,003	10,015	583	NA
1991	23,107	227	22,457	3,208	3,413	56,162	404	10,579	96,222	16,587	10,873	426	NA
1992	24,106	242	23,531	4,787	4,479	58,587	392	11,432	103,209	15,654	10,011	516	NA
1993	27,854	254	23,431	3,566	6,569	61,213	521	10,451	105,751	3,305	8,954	593	NA
1994	25,440	246	23,355	3,482	7,762	62,897	454	11,538	109,488	11,932	12,028	841	NA
1995	27,399	257	25,839	3,416	8,096	64,822	362	11,253	113,787	15,708	9,629	358	NA
1996	26,744	280	26,831	4,303	9,317	64,868	210	11,196	116,725	22,924	11,467	7	NA
1997	28,207	283	26,946	4,028	9,437	66,148	156	10,632	117,347	24,648	11,038	7	NA
1998	26,786	279	29,043	3,264	9,864	67,522	157	13,049	122,898	28,388	10,806	8	NA
1999	26,613	279	26,610	4,709	11,816	69,769	50	13,796	126,750	27,227	7,802	0	NA
2000	28,862	271	28,047	5,514	12,857	68,862	66	13,028	128,373	25,825	6,396	0	NA
2001	28,202	256	28,590	4,469	12,561	68,392	150	16,044	130,207	28,576	6,947	0	7
2002	28,034	256	29,731	5,837	13,442	71,963	135	14,824	135,933	27,574	7,974	0	10
2003	26,677	257	33,307	4,278	13,376	72,552	255	14,783	138,550	24,153	12,004	0	9
2004	28,135	231	33,312	4,614	13,623	72,968	342	15,728	140,586	28,612	10,408	0	17
2005	29,301	230	34,810	4,557	13,915	74,371	360	17,506	145,520	27,803	9,310	3,424	58
2006	30,275	222	34,144	4,687	14,207	74,910	189	18,553	146,689	24,679	7,749	3,615	166
2007	30,412	221	35,315	4,069	13,811	76,076	175	16,406	145,852	28,700	4,940	4,623	225
2008	29,663	230	30,965	3,381	12,669	73,658	205	15,806	136,685	27,030	5,646	6,307	193
2009	22,077	217	27,184	3,317	11,179	75,984	40	10,375	128,079	26,962	10,212	7,618	205
2010	23,366	257	29,352	3,679	12,465	76,566	6	10,436	132,503	27,739	8,138	6,894	166
2011	22,616	264	29,720	3,199	11,998	75,478	25	10,856	131,276	26,919	9,576	7,120	564
2012	19,982	277	28,152	2,361	11,274	74,601	67	10,130	126,586	25,102	8,296	7,475	525
2013	19,235	279	27,852	2,567	11,664	75,545	64	11,354	129,046	28,494	12,443	7,781	827
2014	20,274	306	29,724	2,892	11,775	76,299	41	11,398	132,128	27,670	8,901	7,716	801
2015	17,107	313	29,711	2,625	12,366	78,431	36	11,629	134,798	24,960	9,581	7,397	709
2016	17,776	327	28,959	2,504	13,088	81,603	21	11,980	138,156	29,578	6,774	7,721	1,023
2017	16,035	322	29,544	2,414	13,670	82,030	21	R 9,184	R 136,863	31,818	8,691	7,876	883
2018	11,771	392	31,731	2,806	13,688	80,544	42	R 8,884	R 137,694	36,176	10,293	7,634	842
2019	10,592	408	32,267	3,019	R 14,613	81,424	72	R 8,874	R 140,271	35,720	10,130	7,872	R 684
2020	7,981	387	29,716	2,920	R 13,718	74,322	79	R 8,603	R 129,358	36,688	13,452	7,420	840
2021	10,091	401	31,499	2,937	16,695	79,832	47	9,303	140,314	35,330	10,871	8,024	743

<sup>a</sup> Includes supplemental gaseous fuels that are commingled with natural gas.  
<sup>b</sup> 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.  
<sup>c</sup> Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.  
<sup>d</sup> 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."  
<sup>e</sup> Beginning in 1993, includes fuel ethanol blended into motor gasoline.  
<sup>f</sup> Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.  
<sup>g</sup> Conventional hydroelectric power. For 1960 through 1989, includes hydroelectric pumped-storage, which cannot be separately identified.

<sup>h</sup> 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, 1960-2021, Tennessee**  
(Trillion Btu)

Year	Fossil Fuels										Fossil Fuels (as commingled)			
	Coal	Natural Gas excluding Supplemental Gaseous Fuels <sup>a</sup>	Petroleum							Total	Total	Natural Gas including Supplemental Gaseous Fuels <sup>a</sup>	Distillate Fuel Oil including Biofuels <sup>a</sup>	Motor Gasoline including Fuel Ethanol <sup>a</sup>
			Distillate Fuel Oil excluding Biofuels <sup>a</sup>	HGL <sup>b</sup>	Jet Fuel <sup>c</sup>	Motor Gasoline excluding Fuel Ethanol <sup>a</sup>	Residual Fuel Oil	Other <sup>d</sup>	Total					
1960	374.5	151.7	30.8	5.0	3.1	143.2	1.2	44.9	228.2	754.5	151.7	30.8	143.2	
1965	338.9	211.1	42.5	7.3	6.5	170.6	1.8	62.6	291.3	841.3	211.1	42.5	170.6	
1970	403.7	261.8	63.8	12.2	18.8	219.9	3.8	70.8	389.2	1,054.8	261.8	63.8	219.9	
1971	370.0	270.8	67.4	12.2	18.8	233.8	2.3	68.4	402.9	1,043.7	270.8	67.4	233.8	
1972	444.3	283.4	83.5	13.4	19.4	253.9	3.3	71.0	444.5	1,172.2	283.4	83.5	253.9	
1973	532.9	300.1	92.1	14.6	21.4	275.2	4.1	78.5	485.9	1,319.0	300.1	92.1	275.2	
1974	470.3	265.4	94.4	13.2	21.6	271.2	5.5	64.5	470.4	1,206.1	265.4	94.4	271.2	
1975	471.9	224.1	101.8	14.6	22.2	282.3	4.5	67.4	492.8	1,188.8	224.1	101.8	282.3	
1976	561.5	218.5	128.2	14.3	23.2	295.5	18.6	71.8	551.6	1,331.6	218.5	128.2	295.5	
1977	553.7	208.4	140.4	13.4	24.7	302.9	21.2	80.0	582.7	1,344.8	208.4	140.4	302.9	
1978	564.7	189.2	159.6	13.8	26.4	315.5	14.4	80.5	610.1	1,364.0	189.2	159.6	315.5	
1979	542.3	233.9	140.7	11.2	27.7	300.2	15.4	71.7	566.8	1,343.0	233.9	140.7	300.2	
1980	576.9	233.3	111.7	10.4	23.4	288.6	9.4	57.4	501.0	1,311.2	233.3	111.7	288.6	
1981	565.9	227.1	113.8	5.6	19.7	286.8	7.7	58.8	492.5	1,285.5	227.1	113.8	286.8	
1982	470.7	212.0	109.6	8.5	12.9	286.4	4.5	61.8	483.7	1,166.4	212.0	109.6	286.4	
1983	547.1	199.0	117.4	8.6	11.6	282.9	6.6	50.7	477.7	1,223.9	199.0	117.4	282.9	
1984	555.3	211.3	125.7	8.3	20.5	301.5	4.4	59.1	519.4	1,286.0	211.3	125.7	301.5	
1985	599.7	196.7	131.6	8.5	27.5	304.9	3.4	60.9	536.8	1,333.2	196.7	131.6	304.9	
1986	605.7	194.0	131.8	10.0	33.5	316.7	3.7	56.0	551.7	1,351.5	194.0	131.8	316.7	
1987	596.5	207.0	136.1	9.8	32.1	302.0	2.0	62.1	544.1	1,347.6	207.0	136.1	302.0	
1988	610.6	220.8	139.6	11.6	23.9	311.5	2.8	62.5	551.9	1,383.3	220.8	139.6	311.5	
1989	566.9	228.5	140.1	13.1	24.6	315.5	2.9	71.0	567.1	1,362.5	228.5	140.1	315.5	
1990	600.5	227.5	142.7	10.9	23.6	304.7	1.9	69.4	553.2	1,381.3	227.5	142.7	304.7	
1991	565.4	234.6	130.8	12.0	19.3	295.0	2.5	66.5	526.1	1,326.1	234.6	130.8	295.0	
1992	590.3	249.2	137.1	17.5	25.3	307.8	2.5	71.3	561.4	1,401.0	249.2	137.1	307.8	
1993	685.7	263.1	136.5	13.4	37.2	317.3	3.3	65.2	572.8	1,521.6	263.1	136.5	317.3	
1994	622.7	254.0	135.9	13.1	44.0	325.0	2.9	72.0	592.9	1,469.6	254.0	135.9	325.0	
1995	669.0	264.9	150.4	12.8	45.9	336.1	2.3	70.3	617.8	1,551.7	264.9	150.4	336.1	
1996	650.8	289.3	156.2	16.2	52.8	338.0	1.3	69.9	634.5	1,574.5	289.3	156.2	338.0	
1997	680.6	291.8	156.8	15.1	53.5	344.3	1.0	66.3	637.0	1,609.5	291.8	156.8	344.3	
1998	651.8	287.4	169.0	12.4	55.9	351.3	1.0	81.7	671.3	1,610.5	287.4	169.0	351.3	
1999	648.3	286.4	154.8	17.7	67.0	362.9	0.3	86.2	688.9	1,623.6	286.4	154.8	362.9	
2000	705.1	280.7	163.2	20.6	72.9	358.1	0.4	81.7	697.0	1,682.7	280.7	163.2	358.1	
2001	687.4	265.5	166.4	16.6	71.2	355.7	0.9	99.5	710.4	1,663.2	265.5	166.4	355.7	
2002	655.9	263.7	173.0	21.6	76.2	374.1	0.9	91.7	737.6	1,657.2	263.7	173.0	374.1	
2003	621.4	265.8	193.8	16.1	75.8	377.1	1.6	91.6	756.0	1,643.2	265.8	193.8	377.1	
2004	648.0	238.8	193.8	17.2	77.2	379.1	2.1	95.8	765.4	1,652.2	238.8	193.8	379.1	
2005	657.7	238.4	202.5	17.0	78.9	374.3	2.3	107.8	782.7	1,678.8	238.4	202.5	374.3	
2006	677.2	230.0	198.1	17.4	80.6	375.9	1.2	112.8	785.9	1,693.1	230.0	198.1	375.9	
2007	672.8	229.5	204.3	15.1	78.3	375.1	1.1	99.7	773.6	1,675.9	229.5	204.3	375.1	
2008	643.8	238.4	179.0	12.7	71.8	354.2	1.3	95.7	714.8	1,597.0	238.4	179.0	354.2	
2009	477.7	223.0	R 155.5	12.6	63.4	360.4	0.3	63.4	R 655.5	R 1,356.2	223.0	155.5	360.4	
2010	515.5	263.4	R 168.4	14.1	70.7	364.1	(s)	64.0	R 681.2	R 1,460.1	263.4	168.4	364.1	
2011	481.1	267.9	R 168.6	12.3	68.0	357.5	0.2	66.8	R 673.4	R 1,422.4	267.9	168.6	357.5	
2012	423.1	281.0	R 159.5	9.1	63.9	351.7	0.4	62.2	R 646.7	R 1,350.8	281.0	159.5	351.7	
2013	399.8	284.7	R 155.2	9.9	66.1	355.3	0.4	69.0	R 655.9	R 1,340.4	284.7	155.2	355.3	
2014	427.5	313.9	R 166.1	11.1	66.8	359.2	0.3	69.2	R 672.6	R 1,414.0	313.9	166.1	359.2	
2015	370.6	322.5	R 165.6	10.1	70.1	370.9	0.2	70.5	R 687.5	R 1,380.6	322.5	165.6	370.9	
2016	379.8	336.3	R 159.5	9.6	74.2	385.7	0.1	73.5	R 702.7	R 1,418.8	336.3	159.5	385.7	
2017	334.6	331.6	R 163.2	9.3	77.5	387.1	0.1	57.3	R 694.5	R 1,360.7	331.6	163.2	387.1	
2018	251.8	404.3	R 176.1	10.8	77.6	380.5	0.3	55.4	R 700.6	R 1,356.8	404.3	176.1	380.5	
2019	216.9	420.3	R 179.4	11.6	R 82.9	383.9	0.5	55.3	R 713.6	R 1,350.8	420.3	179.4	383.9	
2020	176.1	398.6	R 164.7	11.2	R 77.8	349.7	0.5	53.6	R 657.5	R 1,232.2	398.6	164.7	349.7	
2021	225.8	413.6	178.6	11.3	94.7	375.2	0.3	57.8	715.6	1,355.0	413.6	178.6	375.2	

<sup>a</sup> 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."

<sup>b</sup> Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.  
<sup>c</sup> 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."

<sup>d</sup> 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, 1960-2021, Tennessee (Continued)**  
(Trillion Btu)

Year	Nuclear Electric Power	Renewable Energy											Net Interstate Flow of Electricity <sup>k</sup>	Electricity Net Imports <sup>l</sup>	Total <sup>f</sup>
		Hydro-electric Power <sup>e,f</sup>	Biomass						Geo-thermal <sup>f</sup>	Solar <sup>f,j</sup>	Wind	Total <sup>f</sup>			
			Wood and Waste <sup>f,g</sup>	Fuel Ethanol <sup>h</sup>	Biodiesel	Renewable Diesel	Losses and Co-products <sup>i</sup>	Total <sup>f</sup>							
1960	0.0	93.4	45.4	NA	NA	NA	NA	45.4	0.0	NA	NA	138.7	69.5	0.0	962.6
1965	0.0	91.5	46.5	NA	NA	NA	NA	46.5	0.0	NA	NA	138.0	158.0	0.0	1,137.3
1970	0.0	84.7	53.8	NA	NA	NA	NA	53.8	0.0	NA	NA	138.4	172.4	0.0	1,365.6
1971	0.0	98.7	54.4	NA	NA	NA	NA	54.4	0.0	NA	NA	153.1	174.3	0.0	1,371.1
1972	0.0	115.5	57.6	NA	NA	NA	NA	57.6	0.0	NA	NA	173.1	128.7	0.0	1,474.0
1973	0.0	119.0	58.9	NA	NA	NA	NA	58.9	0.0	NA	NA	177.9	117.2	0.0	1,614.1
1974	0.0	122.9	57.5	NA	NA	NA	NA	57.5	0.0	NA	NA	180.4	192.0	0.0	1,578.5
1975	0.0	122.9	54.4	NA	NA	NA	NA	54.4	0.0	NA	NA	177.3	248.1	0.0	1,614.2
1976	0.0	98.3	61.8	NA	NA	NA	NA	61.8	0.0	NA	NA	160.1	228.4	0.0	1,720.1
1977	0.0	108.5	67.7	NA	NA	NA	NA	67.7	0.0	NA	NA	176.2	258.4	0.0	1,779.4
1978	0.0	91.0	72.0	NA	NA	NA	NA	72.0	0.0	NA	NA	163.0	235.9	0.0	1,763.0
1979	0.0	127.4	79.8	NA	NA	NA	NA	79.8	0.0	NA	NA	207.2	250.2	0.0	1,800.4
1980	5.7	91.0	69.3	NA	NA	NA	NA	69.3	0.0	NA	NA	160.4	247.7	0.0	1,724.9
1981	51.9	61.8	74.8	0.0	NA	NA	0.0	74.8	0.0	NA	NA	136.6	219.0	0.0	1,693.0
1982	111.9	102.1	81.8	0.0	NA	NA	0.2	82.0	0.0	NA	NA	184.1	149.4	0.0	1,611.9
1983	153.2	104.7	82.1	1.0	NA	NA	1.7	84.8	0.0	NA	0.0	189.5	93.7	0.0	1,660.3
1984	135.6	106.3	92.4	2.1	NA	NA	2.3	96.8	0.0	0.0	0.0	203.1	113.0	0.0	1,737.5
1985	102.7	68.3	93.2	2.4	NA	NA	2.5	98.1	0.0	0.0	0.0	166.4	109.2	0.0	1,711.5
1986	-1.1	55.6	95.3	3.0	NA	NA	2.6	100.8	0.0	0.0	0.0	156.5	193.2	0.0	1,700.0
1987	-1.1	78.8	90.4	4.4	NA	NA	2.8	97.7	0.0	0.0	0.0	176.5	189.7	0.0	1,712.7
1988	41.8	47.4	95.3	4.9	NA	NA	2.8	103.0	0.0	0.0	0.0	150.4	201.5	0.0	1,777.0
1989	165.1	123.6	75.9	3.7	NA	NA	2.7	82.3	(s)	0.1	0.0	206.0	95.8	0.0	1,829.5
1990	148.2	104.2	56.5	2.0	NA	NA	2.2	60.7	(s)	0.1	0.0	165.0	110.5	0.0	1,804.9
1991	173.9	113.5	60.9	1.5	NA	NA	2.6	65.0	(s)	0.1	0.0	178.6	125.3	0.0	1,803.9
1992	163.9	103.5	61.2	1.8	NA	NA	2.3	65.3	(s)	0.1	0.0	169.0	115.2	0.0	1,849.1
1993	34.7	92.3	55.1	2.1	NA	NA	2.5	59.7	(s)	0.1	0.0	152.1	174.6	0.0	1,883.0
1994	124.7	124.1	56.6	2.9	NA	NA	2.4	61.9	(s)	0.1	0.0	186.1	153.1	0.0	1,933.4
1995	165.0	99.3	60.4	1.2	NA	NA	2.3	64.0	(s)	0.1	0.0	163.4	71.8	0.0	1,951.9
1996	240.8	118.6	56.0	(s)	NA	NA	1.0	56.9	(s)	0.1	0.0	175.6	68.5	0.0	2,059.4
1997	258.7	112.7	47.3	(s)	NA	NA	1.7	49.0	(s)	0.1	0.0	161.8	6.5	0.0	2,036.5
1998	297.8	110.2	46.5	(s)	NA	NA	2.0	48.6	(s)	0.1	0.0	158.9	51.1	0.0	2,118.3
1999	284.5	79.8	50.0	0.0	NA	NA	1.9	52.0	(s)	0.1	0.0	131.8	123.5	0.0	2,163.6
2000	269.3	65.2	52.8	0.0	NA	NA	2.3	55.2	(s)	0.1	0.0	120.5	124.8	0.0	2,197.3
2001	298.4	71.8	64.4	0.0	(s)	NA	2.6	67.0	0.1	(s)	0.0	138.9	109.1	0.0	2,209.6
2002	287.9	81.1	63.5	0.0	0.1	NA	3.6	67.2	0.1	(s)	(s)	148.4	141.5	0.0	2,235.0
2003	251.7	121.5	58.3	0.0	(s)	NA	4.2	62.6	0.1	(s)	(s)	184.2	173.7	(s)	2,252.8
2004	298.4	104.2	71.6	0.0	0.1	NA	3.8	75.5	0.1	(s)	(s)	179.9	152.2	(s)	2,282.7
2005	290.2	93.1	65.0	11.9	0.3	NA	3.6	80.9	0.1	(s)	(s)	174.1	198.3	0.0	2,341.4
2006	257.5	76.9	57.2	12.5	0.9	NA	3.6	74.2	0.1	(s)	0.5	151.7	230.3	0.0	2,332.6
2007	301.0	48.8	56.4	16.0	1.2	NA	3.8	77.5	0.1	(s)	0.5	127.0	241.3	0.0	2,345.2
2008	282.5	55.6	66.2	21.9	1.0	NA	4.6	93.7	0.1	(s)	0.5	150.1	254.3	0.0	2,283.9
2009	282.0	99.7	55.2	26.4	1.1	NA	9.4	92.0	0.2	(s)	0.5	192.4	256.3	0.0	R 2,087.0
2010	289.9	79.4	62.7	23.9	0.9	NA	9.4	96.9	0.2	R (s)	0.4	176.9	324.3	0.0	R 2,251.2
2011	281.7	93.0	59.8	24.7	3.0	0.0	10.0	97.5	0.2	0.1	0.5	191.3	301.7	0.0	R 2,197.1
2012	263.0	78.9	63.5	25.9	2.8	0.0	9.0	101.3	0.2	0.2	0.5	181.0	286.8	0.0	R 2,081.7
2013	297.7	118.7	65.5	27.0	4.4	0.0	9.4	106.3	0.2	0.7	0.4	226.4	272.1	0.0	R 2,136.6
2014	289.4	84.6	68.1	26.8	4.3	0.0	9.4	108.6	0.2	0.9	0.5	194.8	305.9	0.0	R 2,204.1
2015	261.0	R 89.2	67.0	25.7	3.8	0.0	9.3	105.7	0.2	1.3	0.4	196.9	R 339.7	0.0	R 2,178.2
2016	309.4	62.5	64.0	26.8	5.5	0.0	9.9	106.2	0.2	1.5	0.3	R 170.8	R 306.8	0.0	R 2,205.7
2017	332.8	R 80.0	58.4	27.4	4.7	0.0	9.9	100.4	0.2	1.7	0.4	R 182.8	R 267.6	0.1	R 2,143.9
2018	378.2	R 93.6	61.6	26.6	4.5	0.0	9.8	102.5	0.2	2.4	0.4	R 199.1	R 297.7	0.0	R 2,231.9
2019	373.0	R 90.1	56.5	27.4	3.7	0.0	9.5	97.1	0.2	3.8	0.3	R 191.6	R 254.9	0.0	R 2,170.2
2020	R 383.2	R 117.9	50.6	25.8	4.5	0.0	9.0	R 89.8	0.2	3.7	0.3	R 212.0	R 210.8	0.0	R 2,038.2
2021	369.1	96.1	57.2	27.9	4.0	0.0	9.3	98.3	0.2	3.8	0.2	198.8	273.2	0.0	2,196.1

<sup>e</sup> Conventional hydroelectric power. For 1960 through 1989, includes hydroelectric pumped-storage, which cannot be separately identified.

<sup>f</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>g</sup> Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

<sup>h</sup> 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.

<sup>i</sup> Losses and co-products from the production of biodiesel and fuel ethanol.

<sup>j</sup> Solar thermal and photovoltaic energy.

<sup>k</sup> 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.

<sup>l</sup> Electricity traded with Canada and Mexico. Calculated by converting net imports in kilowatt-hours by 3,412 Btu per kilowatt-hour.

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, 1960-2021, Tennessee**

Year	Coal Thousand Short Tons	Natural Gas <sup>a</sup> Billion Cubic Feet	Petroleum							Hydro-electric Power <sup>g,h</sup> Million Kilowatt-hours	Biomass		Geo-thermal <sup>h</sup>	Solar <sup>h,k</sup>	Electricity <sup>l</sup> Million Kilowatt-hours	End Use <sup>h,m</sup>	Electrical System Energy Losses <sup>n</sup>	Total <sup>h,m</sup>
			Distillate Fuel Oil <sup>b</sup>	HGL <sup>c</sup>	Jet Fuel <sup>d</sup>	Motor Gasoline <sup>e</sup>	Residual Fuel Oil	Other <sup>f</sup>	Total		Wood and Waste <sup>h,i</sup>	Losses and Co-products <sup>j</sup>						
1960	3,301	139	5,290	1,311	570	27,268	188	7,623	42,250	0	--	--	--	38,994	--	--	--	
1970	2,999	239	10,952	3,182	3,335	41,869	597	11,692	71,627	0	--	--	--	52,070	--	--	--	
1980	3,008	229	18,770	2,787	4,154	54,948	1,499	9,367	91,524	0	--	--	--	73,391	--	--	--	
1990	4,064	219	24,270	2,906	4,181	58,001	307	11,028	100,693	0	--	--	--	77,145	--	--	--	
2000	3,461	265	26,988	5,514	12,857	68,862	66	13,028	127,314	520	--	--	--	95,728	--	--	--	
2005	3,182	225	34,410	4,557	13,915	74,371	360	17,506	145,120	772	--	--	--	103,905	--	--	--	
2006	3,059	215	33,884	4,687	14,207	74,910	189	18,553	146,429	581	--	--	--	103,932	--	--	--	
2007	3,064	214	35,037	4,069	13,811	76,076	175	16,406	145,574	0	--	--	--	106,717	--	--	--	
2008	3,031	226	30,576	3,381	12,669	73,658	205	15,806	136,295	0	--	--	--	104,170	--	--	--	
2009	2,615	213	26,836	3,317	11,179	75,984	40	10,375	127,731	0	--	--	--	94,910	--	--	--	
2010	2,744	235	28,954	3,679	12,465	76,566	6	10,436	132,105	0	--	--	--	103,522	--	--	--	
2011	2,648	238	29,348	3,199	11,998	75,478	25	10,856	130,904	0	--	--	--	100,733	--	--	--	
2012	2,516	214	27,857	2,361	11,274	74,601	67	10,130	126,291	623	--	--	--	96,381	--	--	--	
2013	2,549	243	27,601	2,567	11,664	75,545	64	11,354	128,795	1,074	--	--	--	96,944	--	--	--	
2014	2,370	261	29,368	2,892	11,775	76,299	41	11,398	131,773	0	--	--	--	100,219	--	--	--	
2015	2,141	244	29,446	2,625	12,366	78,431	36	11,629	134,533	0	--	--	--	99,632	--	--	--	
2016	1,913	239	28,723	2,504	13,088	81,603	21	11,980	137,920	0	--	--	--	100,758	--	--	--	
2017	1,490	246	29,300	2,414	13,670	82,030	21	R 9,184	R 136,619	0	--	--	--	97,240	--	--	--	
2018	1,412	289	31,506	2,806	13,688	80,544	42	R 8,884	R 137,469	0	--	--	--	102,911	--	--	--	
2019	1,230	289	31,997	3,019	R 14,613	81,424	72	R 8,874	R 140,001	0	--	--	--	99,829	--	--	--	
2020	1,112	282	29,506	2,920	R 13,718	74,322	79	R 8,603	R 129,148	0	--	--	--	95,004	--	--	--	
2021	1,175	303	31,245	2,937	16,695	79,832	47	9,303	140,059	0	--	--	--	99,621	--	--	--	

Trillion Btu																		
1960	82.7	144.3	30.8	5.0	3.1	143.2	1.2	44.9	228.2	0.0	45.4	NA	NA	NA	133.0	633.6	329.0	962.6
1970	71.0	244.2	63.8	12.2	18.8	219.9	3.8	70.8	389.2	0.0	53.8	NA	NA	NA	177.7	935.8	429.8	1,365.6
1980	72.8	232.2	109.3	10.4	23.4	288.6	9.4	57.4	498.6	0.0	69.3	NA	NA	NA	250.4	1,123.4	601.6	1,724.9
1990	102.2	226.9	141.4	10.9	23.6	304.7	1.9	69.4	551.9	0.0	56.5	2.2	(s)	0.1	263.2	1,205.0	599.9	1,804.9
2000	90.3	275.3	157.0	20.6	72.9	358.1	0.4	81.7	690.8	5.3	52.4	2.3	(s)	0.1	326.6	1,443.2	754.1	2,197.3
2005	82.4	232.6	200.2	17.0	78.9	386.1	2.3	107.8	792.3	7.7	64.7	3.6	0.1	(s)	354.5	1,538.3	803.1	2,341.4
2006	79.2	223.2	196.6	17.4	80.6	388.4	1.2	112.8	796.9	5.8	56.9	3.6	0.1	(s)	354.6	1,521.2	811.4	2,332.6
2007	79.4	222.0	202.7	15.1	78.3	391.2	1.1	99.7	788.0	0.0	56.2	3.8	0.1	(s)	364.1	1,514.9	830.3	2,345.2
2008	79.0	233.9	176.7	12.7	71.8	376.1	1.3	95.7	734.4	0.0	65.9	4.6	0.1	(s)	355.4	1,474.4	809.5	2,283.9
2009	68.4	219.2	155.0	12.6	63.4	386.8	0.3	63.4	681.4	0.0	54.8	9.4	0.2	(s)	323.8	1,357.4	730.1	2,087.5
2010	71.7	240.8	167.2	14.1	70.7	388.0	(s)	64.0	704.0	0.0	62.4	9.4	0.2	R (s)	353.2	1,441.7	809.8	2,251.5
2011	68.7	241.5	169.3	12.3	68.0	382.1	0.2	66.8	698.8	0.0	59.4	10.0	0.2	0.1	343.7	1,422.3	774.7	2,197.0
2012	65.5	217.4	160.7	9.1	63.9	377.6	0.4	62.2	673.9	5.9	62.9	9.0	0.2	0.1	328.9	1,363.8	718.0	2,081.8
2013	66.2	247.4	159.1	9.9	66.1	382.3	0.4	69.0	686.7	10.3	64.7	9.4	0.2	0.5	330.8	1,416.1	721.3	2,137.4
2014	62.0	267.9	169.2	11.1	66.8	386.0	0.3	69.2	702.6	0.0	67.2	9.4	0.2	0.6	341.9	1,451.9	753.1	2,205.0
2015	56.1	252.3	169.7	10.1	70.1	396.6	0.2	70.5	717.2	0.0	66.1	9.3	0.2	0.6	339.9	1,441.7	R 738.3	R 2,180.0
2016	50.5	248.1	165.4	9.6	74.2	412.5	0.1	73.5	735.3	0.0	63.1	9.9	0.2	0.8	343.8	1,451.8	R 755.7	R 2,207.5
2017	39.3	255.8	168.7	9.3	77.5	414.5	0.1	57.3	R 727.4	0.0	57.5	9.9	0.2	0.9	331.8	1,422.8	R 723.2	R 2,146.0
2018	36.8	301.2	181.4	10.8	77.6	407.1	0.3	55.4	732.6	0.0	60.7	9.8	0.2	0.9	351.1	1,493.4	R 740.6	R 2,234.0
2019	32.3	301.6	184.3	11.6	R 82.9	411.4	0.5	55.3	R 745.9	0.0	55.6	9.5	0.2	1.0	340.6	R 1,486.7	R 686.3	R 2,173.0
2020	29.1	293.6	169.8	11.2	R 77.8	375.5	0.5	53.6	688.4	0.0	49.7	9.0	0.2	0.9	324.2	R 1,395.1	R 645.0	R 2,040.1
2021	30.6	315.0	180.1	11.3	94.7	403.1	0.3	57.8	747.3	0.0	56.4	9.3	0.2	0.9	339.9	1,499.6	697.8	2,197.3

<sup>a</sup> Includes supplemental gaseous fuels that are commingled with natural gas.  
<sup>b</sup> 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.  
<sup>c</sup> Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.  
<sup>d</sup> 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."  
<sup>e</sup> Beginning in 1993, includes fuel ethanol blended into motor gasoline.  
<sup>f</sup> Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.  
<sup>g</sup> Conventional hydroelectric power. For 1960 through 1989, includes hydroelectric pumped-storage, which cannot be separately identified.  
<sup>h</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>i</sup> Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.  
<sup>j</sup> Losses and co-products from the production of biodiesel and fuel ethanol.  
<sup>k</sup> Solar thermal and photovoltaic energy.

<sup>l</sup> Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.  
<sup>m</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. 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.  
<sup>n</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: 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, 1960-2021, 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	--	--	--

**Trillion Btu**

1960	13.9	35.1	0.5	3.1	4.5	8.1	25.4	NA	NA	29.6	112.1	73.3	185.3
1965	9.3	38.9	0.6	4.1	5.0	9.7	19.0	NA	NA	41.4	118.2	98.8	217.1
1970	7.2	47.6	1.0	8.4	11.5	20.9	16.1	NA	NA	61.2	153.0	148.1	301.1
1975	2.3	45.4	1.4	10.0	7.5	18.9	16.8	NA	NA	78.6	161.9	188.5	350.5
1980	1.2	45.6	1.8	5.4	3.1	10.3	19.4	NA	NA	89.4	166.0	214.8	380.8
1985	0.9	40.8	1.6	4.4	4.2	10.1	34.5	NA	NA	87.2	173.5	199.6	373.1
1990	1.1	48.0	1.6	6.2	1.8	9.7	18.4	(s)	0.1	98.1	175.3	223.6	398.9
1995	0.5	61.9	1.5	7.7	2.1	11.3	14.7	(s)	0.1	105.7	194.2	235.2	429.4
2000	0.3	71.0	1.0	12.5	2.1	15.7	8.0	(s)	0.1	125.0	220.0	288.5	508.5
2005	0.1	68.6	0.6	9.7	1.6	11.9	11.5	(s)	0.1	140.3	232.5	317.9	550.4
2006	0.1	63.4	0.6	8.7	1.6	10.9	10.2	(s)	0.1	139.3	223.9	318.7	542.6
2007	0.2	63.1	0.7	8.8	1.2	10.7	11.3	(s)	0.1	146.3	231.6	333.6	565.3
2008	0.0	71.8	0.9	7.8	0.4	9.1	12.6	(s)	0.1	143.1	236.8	326.0	562.8
2009	0.0	68.0	1.0	9.8	0.6	11.3	7.7	(s)	0.2	137.4	224.6	309.8	534.4
2010	0.0	76.0	0.9	10.8	0.7	12.4	8.2	(s)	0.2	154.2	251.1	353.5	604.6
2011	0.0	68.2	0.3	7.6	0.3	8.2	8.0	(s)	0.2	146.9	231.5	331.2	562.7
2012	0.0	54.6	0.2	4.4	0.1	4.8	6.7	(s)	0.2	135.6	201.9	296.1	498.1
2013	0.0	72.6	0.2	5.4	0.1	5.7	8.7	(s)	0.2	139.6	226.8	304.3	531.2
2014	0.0	80.6	0.2	7.2	0.2	7.7	8.8	(s)	0.2	145.1	242.4	319.7	562.1
2015	0.0	69.7	0.3	6.4	0.2	6.9	7.7	(s)	0.2	142.2	226.7	R 308.8	R 535.4
2016	0.0	61.2	0.2	5.8	0.2	6.2	6.8	0.2	0.2	142.5	217.2	R 313.3	R 530.5
2017	0.0	58.9	0.2	5.4	0.2	5.8	5.4	0.2	0.2	134.1	204.7	R 292.2	R 496.9
2018	0.0	77.9	0.2	6.6	0.2	7.0	7.2	0.2	0.3	151.4	244.0	R 319.4	R 563.4
2019	0.0	72.0	0.2	7.3	0.2	7.7	7.5	0.2	0.3	145.3	232.9	R 292.7	R 525.6
2020	0.0	68.4	0.2	5.9	0.3	6.3	5.9	0.2	0.3	140.2	221.2	R 278.9	R 500.2
2021	0.0	74.6	0.3	6.1	0.2	6.6	5.8	0.2	0.3	146.2	233.6	300.1	533.7

<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/>

Table CT5. Commercial Sector Energy Consumption Estimates, Selected Years, 1960-2021, Tennessee

Year	Coal Thousand Short Tons	Natural Gas <sup>a</sup> Billion Cubic Feet	Petroleum						Hydro-electric Power <sup>e,f</sup> Million Kilowatthours	Biomass Wood and Waste <sup>f,g</sup>	Geothermal <sup>f</sup>	Solar <sup>f,h</sup> Million Kilowatthours	Electricity <sup>i</sup> Million Kilowatthours	End Use <sup>f,j</sup>	Electrical System Energy Losses <sup>k</sup>	Total <sup>f,j</sup>
			Distillate Fuel Oil	HGL <sup>b</sup>	Kerosene	Motor Gasoline <sup>c</sup>	Residual Fuel Oil	Total <sup>d</sup>								
			Thousand Barrels													
1960	391	24	200	201	157	173	(s)	731	NA	--	--	NA	2,796	--	--	--
1965	285	28	248	265	173	277	(s)	963	NA	--	--	NA	4,274	--	--	--
1970	239	43	422	539	399	392	1	1,753	NA	--	--	NA	6,352	--	--	--
1975	228	42	589	645	259	419	1	1,913	NA	--	--	NA	7,440	--	--	--
1980	185	44	1,015	350	104	465	48	1,982	NA	--	--	NA	14,216	--	--	--
1985	132	43	3,204	282	167	337	98	4,087	NA	--	--	NA	9,856	--	--	--
1990	174	44	739	400	69	464	33	1,704	0	--	--	(s)	13,075	--	--	--
1995	126	51	739	496	80	50	14	1,378	0	--	--	(s)	6,234	--	--	--
2000	100	53	1,078	803	105	49	0	2,035	0	--	--	(s)	26,814	--	--	--
2005	30	54	780	488	40	54	0	1,362	0	--	--	(s)	29,146	--	--	--
2006	38	52	650	672	28	55	0	1,405	0	--	--	1	29,033	--	--	--
2007	64	51	952	449	24	55	8	1,489	0	--	--	1	29,985	--	--	--
2008	92	54	726	544	9	55	4	1,339	0	--	--	1	29,418	--	--	--
2009	91	52	1,215	374	10	55	4	1,657	0	--	--	1	28,049	--	--	--
2010	86	56	1,189	440	9	55	0	1,692	0	--	--	R 2	29,399	--	--	--
2011	70	52	1,030	675	7	55	0	1,767	0	--	--	R 3	29,025	--	--	--
2012	63	45	1,015	401	3	55	0	1,475	0	--	--	R 5	28,150	--	--	--
2013	65	54	671	454	4	57	2	1,187	0	--	--	R 55	33,575	--	--	--
2014	60	57	869	427	6	54	0	1,356	0	--	--	62	33,497	--	--	--
2015	6	53	828	391	3	1,340	0	2,562	0	--	--	62	34,982	--	--	--
2016	0	50	786	525	5	1,349	0	2,665	0	--	--	66	35,439	--	--	--
2017	0	49	944	507	4	1,366	0	2,821	0	--	--	68	33,727	--	--	--
2018	0	59	942	612	4	1,391	0	2,948	0	--	--	70	36,930	--	--	--
2019	0	57	1,012	568	3	1,407	0	2,990	0	--	--	72	36,151	--	--	--
2020	0	53	760	708	5	1,405	0	2,879	0	--	--	67	33,480	--	--	--
2021	0	59	880	759	3	1,413	0	3,056	0	--	--	65	34,863	--	--	--

Trillion Btu

1960	9.7	25.1	1.2	0.8	0.9	0.9	(s)	3.7	NA	0.5	NA	NA	9.5	48.5	23.6	72.1
1965	7.0	29.6	1.4	1.0	1.0	1.5	(s)	4.9	NA	0.4	NA	NA	14.6	56.4	34.8	91.3
1970	5.7	43.7	2.5	2.1	2.3	2.1	(s)	8.9	NA	0.3	NA	NA	21.7	80.2	52.4	132.6
1975	5.4	43.8	3.4	2.5	1.5	2.2	(s)	9.6	NA	0.3	NA	NA	25.4	84.4	60.9	145.3
1980	4.4	44.8	5.9	1.3	0.6	2.4	0.3	10.6	NA	0.5	NA	NA	48.5	108.8	116.5	225.3
1985	3.2	44.9	18.7	1.1	0.9	1.8	0.6	23.1	NA	0.8	NA	NA	33.6	105.6	77.0	182.6
1990	4.3	45.1	4.3	1.5	0.4	2.4	0.2	8.9	0.0	4.9	0.0	(s)	44.6	107.8	101.7	209.4
1995	3.2	52.8	4.3	1.9	0.5	0.3	0.1	7.0	0.0	4.7	0.0	(s)	21.3	89.0	47.4	136.4
2000	2.6	55.3	6.3	3.1	0.6	0.3	0.0	10.2	0.0	3.9	0.0	(s)	91.5	163.5	211.2	374.7
2005	0.7	56.2	4.5	1.9	0.2	0.3	0.0	6.9	0.0	1.8	0.0	(s)	99.4	165.1	225.3	390.4
2006	0.9	53.5	3.8	2.6	0.2	0.3	0.0	6.8	0.0	1.7	0.0	(s)	99.1	162.0	226.7	388.7
2007	1.6	53.0	5.5	1.7	0.1	0.3	0.1	7.7	0.0	1.8	0.0	(s)	102.3	166.4	233.3	399.7
2008	2.4	56.1	4.2	2.1	0.1	0.3	(s)	6.6	0.0	1.9	0.0	(s)	100.4	167.4	228.6	396.0
2009	2.3	53.3	7.0	1.4	0.1	0.3	(s)	8.8	0.0	1.1	0.0	(s)	95.7	161.3	215.8	377.0
2010	2.2	57.5	6.9	1.7	(s)	0.3	0.0	8.9	0.0	1.1	0.0	(s)	100.3	170.0	230.0	400.0
2011	1.8	52.9	5.9	2.6	(s)	0.3	0.0	8.9	0.0	1.0	0.0	(s)	99.0	163.7	223.2	386.9
2012	1.6	45.6	5.9	1.5	(s)	0.3	0.0	7.7	0.0	0.9	0.0	R (s)	96.0	151.9	209.7	361.6
2013	1.6	54.9	3.9	1.7	(s)	0.3	(s)	5.9	0.0	1.0	0.0	0.5	114.6	178.6	249.8	428.4
2014	1.5	59.1	5.0	1.6	(s)	0.3	0.0	7.0	0.0	1.1	0.0	0.6	114.3	183.5	251.7	435.2
2015	0.1	54.9	4.8	1.5	(s)	6.8	0.0	13.1	0.0	1.1	0.0	0.6	119.4	189.2	R 259.2	R 448.4
2016	0.0	51.7	4.5	2.0	(s)	6.8	0.0	13.4	0.0	1.2	0.0	0.6	120.9	187.9	R 265.8	R 453.6
2017	0.0	51.0	5.4	1.9	(s)	6.9	0.0	14.3	0.0	1.0	0.0	0.6	115.1	182.0	R 250.8	R 432.8
2018	0.0	61.1	5.4	2.4	(s)	7.0	0.0	14.8	0.0	1.1	0.0	0.6	126.0	203.7	R 265.8	R 469.4
2019	0.0	59.3	5.8	2.2	(s)	7.1	0.0	15.1	0.0	1.1	0.0	0.6	123.3	199.5	R 248.5	R 448.0
2020	0.0	54.8	4.4	2.7	(s)	7.1	0.0	14.2	0.0	1.1	0.0	0.6	114.2	184.9	R 227.3	R 412.2
2021	0.0	61.0	5.1	2.9	(s)	7.1	0.0	15.1	0.0	1.0	0.0	0.6	119.0	196.7	244.2	440.9

<sup>a</sup> Includes supplemental gaseous fuels that are commingled with natural gas.  
<sup>b</sup> Hydrocarbon gas liquids, assumed to be propane only.  
<sup>c</sup> 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.  
<sup>d</sup> Includes small amounts of petroleum coke not shown separately.  
<sup>e</sup> Conventional hydroelectric power. For 1960 through 1989, includes hydroelectric pumped-storage, which cannot be separately identified.  
<sup>f</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>g</sup> Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.  
<sup>h</sup> Solar thermal and photovoltaic energy. Excludes a small amount of solar thermal energy consumed as heat that is included in the residential sector.  
<sup>i</sup> Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.  
<sup>j</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. 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.  
<sup>k</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 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, 1960-2021, Tennessee**

Year	Coal Thousand Short Tons	Natural Gas <sup>a</sup> Billion Cubic Feet	Petroleum						Hydro-electric Power <sup>e,i</sup> Million kWh	Biomass		Geo-thermal <sup>f</sup>	Solar <sup>f,i</sup> Million kWh	Electricity <sup>j</sup> Million kWh	End Use <sup>f,k</sup>	Electrical System Energy Losses <sup>j</sup>	Total <sup>f,k</sup>
			Distillate Fuel Oil	HGL <sup>b</sup>	Motor Gasoline <sup>c</sup>	Residual Fuel Oil	Other <sup>d</sup>	Total		Wood and Waste <sup>f,g</sup>	Losses and Co-products <sup>h</sup>						
1960	2,307	76	2,096	275	627	180	5,124	8,301	0	---	---	---	NA	27,514	---	---	---
1965	2,862	97	2,601	522	484	264	7,868	11,739	0	---	---	---	NA	28,362	---	---	---
1970	2,452	123	3,172	363	235	593	8,659	13,023	0	---	---	---	NA	27,776	---	---	---
1975	2,134	112	4,712	455	117	523	8,548	14,355	0	---	---	---	NA	37,904	---	---	---
1980	2,774	123	4,252	960	36	1,445	7,748	14,441	0	---	---	---	NA	32,968	---	---	---
1985	4,145	97	3,615	693	642	441	8,111	13,504	0	---	---	---	NA	33,624	---	---	---
1990	3,846	110	3,399	761	583	269	9,770	14,782	0	---	---	---	(s)	35,313	---	---	---
1995	3,777	126	3,682	777	865	346	9,743	15,414	827	---	---	---	(s)	44,828	---	---	---
2000	3,349	130	2,443	1,384	561	66	11,716	16,169	520	---	---	---	(s)	32,289	---	---	---
2001	3,575	119	2,620	1,277	954	146	15,001	19,999	404	---	---	---	(s)	32,149	---	---	---
2002	3,340	118	2,217	1,947	902	133	13,820	19,018	656	---	---	---	(s)	31,845	---	---	---
2003	3,354	112	3,062	835	980	247	13,777	18,901	917	---	---	---	(s)	32,278	---	---	---
2004	3,233	99	3,538	1,168	1,217	287	14,702	20,911	759	---	---	---	(s)	32,885	---	---	---
2005	3,149	95	4,046	1,323	1,212	302	16,485	23,367	772	---	---	---	(s)	33,625	---	---	---
2006	3,018	94	3,433	1,520	1,369	177	17,573	24,072	581	---	---	---	0	34,081	---	---	---
2007	2,993	92	3,569	1,167	1,866	162	15,475	22,239	0	---	---	---	0	33,850	---	---	---
2008	2,939	92	2,939	554	1,477	156	15,053	20,147	0	---	---	---	0	32,804	---	---	---
2009	2,524	84	1,893	264	1,774	36	8,636	13,102	0	---	---	---	0	26,584	---	---	---
2010	2,658	95	2,096	R 398	R 818	6	9,536	12,854	0	---	---	---	0	28,930	---	---	---
2011	2,578	107	1,906	R 514	R 852	25	10,108	R 13,405	0	---	---	---	0	28,638	---	---	---
2012	2,453	106	2,008	R 784	R 855	16	9,522	R 13,184	623	---	---	---	0	28,476	---	---	---
2013	2,484	111	1,908	R 680	R 921	11	10,720	R 14,241	1,074	---	---	---	0	22,462	---	---	---
2014	2,310	117	2,132	R 559	R 611	36	10,718	R 14,057	0	---	---	---	0	24,182	---	---	---
2015	2,135	115	1,903	R 523	R 1,129	24	10,900	R 14,479	0	---	---	---	0	22,983	---	---	---
2016	1,913	123	2,163	R 428	R 1,150	21	11,264	R 15,027	0	---	---	---	1	23,546	---	---	---
2017	1,490	135	2,204	R 457	R 1,159	6	R 8,520	R 12,345	0	---	---	---	1	24,220	---	---	---
2018	1,412	147	2,213	R 453	R 1,207	42	R 8,230	R 12,146	0	---	---	---	6	21,599	---	---	---
2019	1,230	148	2,041	R 532	R 1,194	59	R 8,222	R 12,049	0	---	---	---	6	21,105	---	---	---
2020	1,112	146	2,082	R 667	R 1,207	79	R 8,003	R 12,038	0	---	---	---	6	20,439	---	---	---
2021	1,175	154	2,086	572	1,167	38	8,256	12,118	0	---	---	---	6	21,917	---	---	---

**Trillion Btu**

1960	58.1	78.6	12.2	1.0	3.3	1.1	31.2	48.8	0.0	19.5	NA	NA	NA	93.9	298.9	232.2	531.1
1965	71.4	101.9	15.2	2.0	2.5	1.7	48.5	69.8	0.0	27.2	NA	NA	NA	96.8	367.1	231.0	598.1
1970	58.0	125.9	18.5	1.3	1.2	3.7	53.5	78.3	0.0	37.3	NA	NA	NA	94.8	394.2	229.3	623.5
1975	49.9	115.1	27.4	1.6	0.6	3.3	53.3	86.2	0.0	37.3	NA	NA	NA	129.3	417.9	310.2	728.2
1980	67.2	125.1	24.8	3.4	0.2	9.1	48.1	85.6	0.0	49.4	NA	NA	NA	112.5	439.7	270.2	709.9
1985	102.2	100.6	21.1	2.4	3.4	2.8	51.3	80.9	0.0	57.9	2.5	NA	NA	114.7	458.8	262.8	721.5
1990	96.8	113.6	19.8	2.6	3.1	1.7	62.1	89.3	0.0	33.3	2.2	0.0	(s)	120.5	455.7	274.6	730.3
1995	94.9	129.8	21.4	2.7	4.5	2.2	61.8	92.6	8.5	40.7	2.3	0.0	(s)	153.0	521.8	340.5	862.3
2000	87.4	134.6	14.2	4.7	2.9	0.4	74.1	96.4	5.3	40.6	2.3	0.0	(s)	110.2	476.7	254.4	731.1
2001	92.0	123.0	15.2	4.4	5.0	0.9	93.4	118.9	4.2	54.8	2.6	0.0	(s)	109.7	505.2	249.9	755.1
2002	87.0	122.1	12.9	6.7	4.7	0.8	85.9	111.0	6.7	54.8	3.6	0.0	(s)	108.7	493.8	240.5	734.2
2003	87.2	116.2	17.8	2.9	5.1	1.6	85.7	113.0	9.3	49.6	4.2	0.0	(s)	110.1	489.7	247.5	737.1
2004	84.0	102.0	20.6	4.0	6.3	1.8	89.8	122.6	7.6	62.9	3.8	0.0	(s)	112.2	495.1	255.4	750.5
2005	81.6	98.3	23.5	4.5	6.3	1.9	101.8	138.1	7.7	51.4	3.6	0.0	(s)	114.7	495.5	259.9	755.4
2006	78.2	97.3	19.9	5.2	7.1	1.1	107.1	140.4	5.8	45.0	3.6	0.0	0.0	116.3	486.5	266.1	752.6
2007	77.6	95.6	20.6	4.0	9.6	1.0	94.2	129.4	0.0	43.1	3.8	0.0	0.0	115.5	465.1	263.4	728.4
2008	76.6	95.4	16.7	1.9	7.6	1.0	91.3	118.5	0.0	51.4	4.6	0.0	0.0	111.9	458.4	254.9	713.3
2009	66.0	85.9	9.8	0.9	7.5	0.2	59.1	77.5	0.0	46.1	9.4	0.0	0.0	90.7	375.6	204.5	580.1
2010	69.5	96.9	12.1	1.5	4.1	(s)	58.7	76.5	0.0	53.1	9.4	0.0	0.0	98.7	404.1	226.3	630.4
2011	66.9	108.5	11.0	2.0	4.3	0.2	62.4	79.9	0.0	50.4	10.0	0.0	0.0	97.7	413.4	220.2	633.7
2012	63.9	107.1	11.6	3.0	4.3	0.1	58.6	77.6	5.9	55.3	9.0	0.0	0.0	97.2	416.0	212.1	628.2
2013	64.6	113.1	11.0	2.6	4.7	0.1	65.2	R 83.6	10.3	54.9	9.4	0.0	0.0	76.6	412.3	167.1	579.5
2014	60.5	120.6	12.3	R 2.1	3.1	0.2	65.2	R 82.9	0.0	57.3	9.4	0.0	0.0	82.5	413.3	181.7	595.0
2015	55.9	119.2	11.0	2.0	5.7	0.2	66.2	R 85.0	0.0	57.3	9.3	0.0	0.0	78.4	405.1	R 170.3	575.4
2016	50.5	128.0	12.5	R 1.6	5.8	0.5	66.3	R 82.8	0.0	55.1	8.9	0.0	(s)	80.3	413.2	R 176.6	589.7
2017	39.3	140.1	12.7	1.8	8.9	(s)	53.3	73.7	0.0	51.1	9.9	0.0	(s)	82.6	396.8	180.1	576.9
2018	36.8	153.3	12.7	R 1.7	6.1	0.3	51.5	72.4	0.0	73.7	9.8	0.0	0.1	73.7	398.6	R 155.4	R 554.0
2019	32.3	154.5	11.8	R 2.0	6.0	0.4	R 51.5	71.7	0.0	47.0	9.5	0.0	0.1	72.0	387.2	R 145.1	R 532.3
2020	29.1	152.3	12.0	2.6	6.1	0.5	50.1	R 71.2	0.0	42.7	9.0	0.0	(s)	69.7	R 374.1	R 138.8	R 512.9
2021	30.6	160.2	12.0	2.2	5.9	0.2	51.9	72.2	0.0	49.6	9.3	0.0	0.1	74.8	396.7	153.5	550.2

<sup>a</sup> Includes supplemental gaseous fuels that are commingled with natural gas.  
<sup>b</sup> Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.  
<sup>c</sup> 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.  
<sup>d</sup> Includes asphalt and road oil, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.  
<sup>e</sup> Conventional hydroelectric power. For 1960 through 1989, includes hydroelectric pumped-storage, which cannot be separately identified.  
<sup>f</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>g</sup> Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.  
<sup>h</sup> Losses and co-products from the production of biodiesel and fuel ethanol.  
<sup>i</sup> Solar thermal and photovoltaic energy. Excludes a small amount of solar thermal energy consumed as heat that is included in the residential sector.  
<sup>j</sup> Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.  
<sup>k</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. 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.  
<sup>l</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.  
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/>

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E** Table CT7. Transportation Sector Energy Consumption Estimates, Selected Years, 1960-2021, Tennessee

Year	Coal Thousand Short Tons	Natural Gas <sup>a</sup> Billion Cubic Feet	Petroleum								Electricity <sup>f</sup> Million Kilowatthours	End Use <sup>g,h</sup>	Electrical System Energy Losses <sup>i</sup>	Total <sup>g,h</sup>
			Aviation Gasoline	Distillate Fuel Oil <sup>b</sup>	HGL <sup>c</sup>	Jet Fuel <sup>d</sup>	Lubricants	Motor Gasoline <sup>e</sup>	Residual Fuel Oil	Total				
			Thousand Barrels											
1960	40	5	1,040	2,914	22	570	505	26,468	8	31,527	(s)	--	--	--
1965	9	23	1,024	4,346	54	1,174	479	31,721	22	38,819	(s)	--	--	--
1970	4	26	116	7,189	94	3,335	491	41,241	3	52,469	(s)	--	--	--
1975	(s)	19	70	10,631	120	3,936	807	53,199	191	68,953	(s)	--	--	--
1980	0	16	290	13,196	61	4,154	676	54,446	6	72,828	(s)	--	--	--
1985	0	10	154	15,268	166	4,862	615	57,068	0	78,134	(s)	--	--	--
1990	0	20	174	19,857	126	4,181	692	56,954	5	81,989	(s)	--	--	--
1995	0	18	397	20,702	135	8,096	660	63,907	2	93,899	1	--	--	--
2000	0	14	124	23,293	75	12,857	705	68,252	0	105,305	2	--	--	--
2005	0	9	102	29,483	221	13,915	595	73,105	58	117,480	1	--	--	--
2006	0	9	89	29,694	231	14,207	580	73,486	12	118,298	1	--	--	--
2007	0	10	104	30,389	162	13,811	599	74,155	5	119,225	2	--	--	--
2008	0	10	119	26,802	248	12,669	556	72,105	45	112,545	2	--	--	--
2009	0	12	127	23,764	131	11,179	500	74,455	0	110,155	2	--	--	--
2010	0	10	168	25,516	R 23	12,465	595	75,694	0	R 114,461	2	--	--	--
2011	0	12	114	26,366	R 26	11,998	576	74,571	0	113,651	2	--	--	--
2012	0	10	68	24,793	R 25	11,274	519	73,691	52	R 110,422	2	--	--	--
2013	0	7	63	24,983	R 32	11,664	544	74,568	51	R 111,904	2	--	--	--
2014	0	7	62	26,328	R 27	11,775	572	75,634	5	R 114,403	1	--	--	--
2015	0	8	70	26,665	R 38	12,366	628	75,961	12	R 115,739	0	--	--	--
2016	0	7	73	25,740	R 47	13,088	595	79,104	0	R 118,647	0	--	--	--
2017	0	6	76	26,113	R 34	13,670	554	79,504	15	R 119,966	0	--	--	--
2018	0	8	83	28,317	R 14	13,688	537	77,945	0	R 120,584	0	--	--	--
2019	0	15	94	28,917	R 17	R 14,613	518	78,823	13	R 122,996	0	--	--	--
2020	0	17	86	26,635	R 19	R 13,718	464	71,711	0	R 112,634	0	--	--	--
2021	0	18	100	28,230	12	16,695	484	77,252	9	123,210	0	--	--	--
Trillion Btu														
1960	1.0	5.5	5.2	17.0	0.1	3.1	3.1	139.0	0.1	167.6	(s)	174.1	(s)	174.1
1965	0.2	23.7	5.2	25.3	0.2	6.5	2.9	166.6	0.1	206.9	(s)	230.9	(s)	230.9
1970	0.1	27.0	0.6	41.9	0.4	18.8	3.0	216.6	(s)	281.2	(s)	308.4	(s)	308.4
1975	(s)	19.7	0.4	61.9	0.5	22.2	4.9	279.5	1.2	370.5	(s)	390.3	(s)	390.3
1980	0.0	16.8	1.5	76.9	0.2	23.4	4.1	286.0	(s)	392.1	(s)	408.9	(s)	408.9
1985	0.0	10.5	0.8	88.9	0.6	27.5	3.7	299.8	0.0	421.3	(s)	434.2	(s)	434.2
1990	0.0	20.3	0.9	115.7	0.5	23.6	4.2	299.2	(s)	444.0	(s)	466.3	(s)	466.3
1995	0.0	18.3	2.0	120.5	0.5	45.9	4.0	332.6	(s)	505.5	(s)	523.8	(s)	523.8
2000	0.0	14.4	0.6	135.5	0.3	72.9	4.3	355.0	0.0	568.6	(s)	583.0	(s)	583.0
2005	0.0	9.5	0.5	171.5	0.8	78.9	3.6	379.6	0.4	635.3	(s)	645.2	(s)	645.2
2006	0.0	9.0	0.4	172.3	0.9	80.6	3.5	381.0	0.1	638.8	(s)	648.8	(s)	648.8
2007	0.0	10.4	0.5	175.8	0.6	78.3	3.6	381.3	(s)	640.2	(s)	651.8	(s)	651.8
2008	0.0	10.6	0.6	154.9	1.0	71.8	3.4	368.2	0.3	600.1	(s)	611.8	(s)	611.8
2009	0.0	12.1	0.6	137.3	0.5	63.4	3.0	379.0	0.0	583.8	(s)	595.9	(s)	595.9
2010	0.0	10.3	0.8	147.4	0.1	70.7	3.6	383.5	0.0	606.1	(s)	616.5	(s)	616.5
2011	0.0	11.8	0.6	152.1	0.1	68.0	3.5	377.6	0.0	601.9	(s)	613.7	(s)	613.7
2012	0.0	10.0	0.3	143.0	0.1	63.9	3.1	373.0	0.3	583.8	(s)	593.9	(s)	593.9
2013	0.0	6.9	0.3	144.0	0.1	66.1	3.3	377.3	0.3	591.5	(s)	R 598.4	(s)	598.4
2014	0.0	7.6	0.3	151.7	0.1	66.8	3.5	382.6	(s)	605.0	(s)	612.7	(s)	612.7
2015	0.0	8.5	0.4	153.6	0.1	70.1	3.8	384.1	0.1	R 612.3	0.0	R 620.8	0.0	R 620.8
2016	0.0	7.2	0.4	148.2	R 0.2	74.2	3.6	399.9	0.0	626.4	0.0	R 633.6	0.0	R 633.6
2017	0.0	5.8	0.4	150.3	0.1	77.5	3.4	401.7	0.1	633.5	0.0	639.3	0.0	639.3
2018	0.0	8.8	0.4	163.1	R 0.1	77.6	3.3	393.9	0.0	R 638.4	0.0	647.1	0.0	647.1
2019	0.0	15.7	0.5	166.5	R 0.1	R 82.9	3.1	398.2	0.1	R 651.4	0.0	R 667.1	0.0	R 667.1
2020	0.0	18.1	0.4	153.3	R 0.1	R 77.8	2.8	362.3	0.0	R 596.7	0.0	R 614.8	0.0	R 614.8
2021	0.0	19.2	0.5	162.7	(s)	94.7	2.9	390.1	0.1	653.3	0.0	672.6	0.0	672.6

<sup>a</sup> Transportation use of natural gas to operate pipelines and, since 1990, also includes vehicle fuel.

<sup>b</sup> Beginning in 2009, includes biodiesel blended into distillate fuel oil. Beginning in 2011, includes renewable diesel blended into distillate fuel oil.

<sup>c</sup> Hydrocarbon gas liquids, assumed to be propane only.

<sup>d</sup> 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."

<sup>e</sup> Beginning in 1993, includes fuel ethanol blended into motor gasoline.

<sup>f</sup> 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.

<sup>g</sup> There is a discontinuity in this time series between 1980 and 1981 due to the expanded coverage of fuel ethanol beginning in 1981.

<sup>h</sup> For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.

<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.

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, 1960-2021, Tennessee**

Year	Coal Thousand Short Tons	Natural Gas <sup>a</sup> Billion Cubic Feet	Petroleum				Nuclear Electric Power	Hydroelectric Power <sup>d</sup>	Biomass Wood and Waste <sup>e,f</sup>	Geothermal <sup>f</sup>	Solar <sup>f,g</sup>	Wind <sup>f</sup>	Electricity Net Imports <sup>h</sup>	Total <sup>f,i</sup>
			Distillate Fuel Oil <sup>b</sup>	Petroleum Coke	Residual Fuel Oil <sup>c</sup>	Total								
			Thousand Barrels											
1960	12,138	7	(s)	0	0	(s)	0	8,676	---	0	NA	NA	0	---
1965	10,637	16	0	0	0	0	0	8,750	---	0	NA	NA	0	---
1970	14,727	17	0	0	0	0	0	8,067	---	0	NA	NA	0	---
1975	18,848	0	1,310	0	0	1,310	0	11,806	---	0	NA	NA	0	---
1980	21,679	1	406	0	0	406	519	8,764	---	0	NA	NA	0	---
1985	20,853	0	237	0	0	237	9,672	6,539	---	0	0	0	0	---
1990	20,814	1	232	0	0	232	14,003	10,015	---	0	0	0	0	---
1995	23,477	2	455	0	0	455	15,708	8,802	---	0	0	0	0	---
2000	25,401	5	1,059	0	0	1,059	25,825	5,876	---	0	0	0	0	---
2005	26,119	6	400	0	0	400	27,803	8,538	---	0	0	3	0	---
2006	27,216	7	260	0	0	260	24,679	7,167	---	0	0	55	0	---
2007	27,348	7	278	0	0	278	28,700	4,940	---	0	0	50	0	---
2008	26,632	4	390	0	0	390	27,030	5,646	---	0	0	50	0	---
2009	19,462	4	348	0	0	348	26,962	10,212	---	0	0	52	0	---
2010	20,622	22	397	0	0	397	27,739	8,138	---	0	0	41	0	---
2011	19,967	26	372	0	0	372	26,919	9,576	---	0	0	53	0	---
2012	17,466	63	295	0	0	295	25,102	7,673	---	0	10	47	0	---
2013	16,686	37	251	0	0	251	28,494	11,369	---	0	18	47	0	---
2014	17,903	45	355	0	0	355	27,670	8,901	---	0	25	51	0	---
2015	14,967	70	265	0	0	265	24,960	9,581	---	0	73	46	0	---
2016	15,863	88	236	0	0	236	29,578	6,774	---	0	75	38	0	---
2017	14,546	76	244	0	0	244	31,818	8,691	---	0	88	43	22	---
2018	10,359	103	226	0	0	226	36,176	10,293	---	0	157	41	0	---
2019	9,362	119	270	0	0	270	35,720	10,130	---	0	315	38	0	---
2020	6,869	105	210	0	0	210	36,688	13,452	---	0	314	39	0	---
2021	8,915	99	254	0	0	254	35,330	10,871	---	0	328	28	0	---

**Trillion Btu**

1960	291.8	7.5	(s)	0.0	0.0	(s)	0.0	93.4	0.0	0.0	NA	NA	0.0	392.6
1965	250.9	17.0	0.0	0.0	0.0	0.0	0.0	91.5	0.0	0.0	NA	NA	0.0	359.4
1970	332.7	17.6	0.0	0.0	0.0	0.0	0.0	84.7	0.0	0.0	NA	NA	0.0	435.0
1975	414.3	0.0	7.6	0.0	0.0	7.6	0.0	122.9	0.0	0.0	NA	NA	0.0	544.8
1980	504.1	1.1	2.4	0.0	0.0	2.4	5.7	91.0	0.0	0.0	NA	NA	0.0	604.3
1985	493.3	0.0	1.4	0.0	0.0	1.4	102.7	68.3	0.0	0.0	0.0	0.0	0.0	665.8
1990	498.4	0.6	1.4	0.0	0.0	1.4	148.2	104.2	0.0	0.0	0.0	0.0	0.0	752.7
1995	570.4	2.1	2.6	0.0	0.0	2.6	165.0	90.8	0.2	0.0	0.0	0.0	0.0	831.2
2000	614.8	5.4	6.2	0.0	0.0	6.2	269.3	59.9	0.4	0.0	0.0	0.0	0.0	956.0
2005	575.3	5.8	2.3	0.0	0.0	2.3	290.2	85.4	0.3	0.0	0.0	(s)	0.0	959.3
2006	597.9	6.9	1.5	0.0	0.0	1.5	257.5	71.1	0.3	0.0	0.0	0.5	0.0	935.8
2007	593.4	7.5	1.6	0.0	0.0	1.6	301.0	48.8	0.2	0.0	0.0	0.5	0.0	953.1
2008	564.8	4.5	2.3	0.0	0.0	2.3	282.5	55.6	0.3	0.0	0.0	0.5	0.0	910.6
2009	409.3	3.8	2.0	0.0	0.0	2.0	282.0	99.7	0.3	0.0	0.0	0.5	0.0	797.6
2010	443.8	22.6	2.3	0.0	0.0	2.3	289.9	79.4	0.3	0.0	0.0	0.4	0.0	838.7
2011	412.4	26.5	2.1	0.0	0.0	2.1	281.7	93.0	0.4	0.0	0.0	0.5	0.0	816.6
2012	357.6	63.6	1.7	0.0	0.0	1.7	263.0	73.0	0.6	0.0	0.1	0.5	0.0	760.1
2013	333.6	37.3	1.4	0.0	0.0	1.4	297.7	108.5	0.8	0.0	0.2	0.4	0.0	780.0
2014	365.5	46.0	2.0	0.0	0.0	2.0	289.4	84.6	0.9	0.0	0.2	0.5	0.0	789.2
2015	314.6	70.2	1.5	0.0	0.0	1.5	261.0	R 89.2	0.9	0.0	0.7	0.4	0.0	R 738.5
2016	329.3	88.3	1.4	0.0	0.0	1.4	309.4	62.5	0.9	0.0	0.7	0.3	0.0	792.7
2017	295.2	75.8	1.4	0.0	0.0	1.4	332.8	R 80.0	0.9	0.0	0.8	0.4	0.1	R 787.4
2018	215.0	103.1	1.3	0.0	0.0	1.3	378.2	R 93.6	0.9	0.0	1.4	0.4	0.0	R 794.0
2019	184.5	118.7	1.6	0.0	0.0	1.6	R 373.0	R 90.1	0.9	0.0	2.8	0.3	0.0	R 772.0
2020	147.0	105.0	1.2	0.0	0.0	1.2	R 383.2	R 117.9	0.9	0.0	R 2.7	0.3	0.0	R 758.4
2021	195.2	98.6	1.5	0.0	0.0	1.5	369.1	96.1	0.8	0.0	2.9	0.2	0.0	764.4

<sup>a</sup> Includes supplemental gaseous fuels that are commingled with natural gas.

<sup>b</sup> 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.

<sup>c</sup> 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.

<sup>d</sup> Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

<sup>e</sup> Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

<sup>f</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>g</sup> Solar thermal and photovoltaic energy.

<sup>h</sup> Electricity traded with Canada and Mexico. Btu value calculated by converting net imports in kilowatthours by 3,412 Btu per kilowatthour.

<sup>i</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 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/>