

Table CT3. Total end-use sector energy consumption estimates, selected years, 1960-2023, Tennessee

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 ^l 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						
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	R 10,469	R 132,139	0	--	--	--	103,522	--	--	--	
2011	2,648	238	29,348	3,199	11,998	75,478	25	R 10,890	R 130,938	0	--	--	--	100,733	--	--	--	
2012	2,516	214	27,857	2,361	11,274	74,601	67	R 10,161	R 126,322	623	--	--	--	96,381	--	--	--	
2013	2,549	243	27,601	2,567	11,664	75,545	64	R 11,385	R 128,826	1,074	--	--	--	96,944	--	--	--	
2014	2,370	261	29,368	2,892	11,775	76,299	41	R 11,429	R 131,804	0	--	--	--	100,219	--	--	--	
2015	2,141	244	29,446	2,625	12,366	78,431	36	R 11,677	R 134,581	0	--	--	--	99,632	--	--	--	
2016	1,913	239	28,723	2,504	13,088	81,603	21	R 12,034	R 137,974	0	--	--	--	100,758	--	--	--	
2017	1,490	246	29,300	2,414	13,670	82,030	21	9,195	136,630	0	--	--	--	97,240	--	--	--	
2018	1,412	289	31,506	2,806	R 13,691	80,544	42	8,887	R 137,475	0	--	--	--	102,911	--	--	--	
2019	1,230	289	31,997	3,019	R 14,624	81,424	72	R 8,894	R 140,031	0	--	--	--	99,829	--	--	--	
2020	1,112	282	29,506	2,920	R 13,740	74,322	79	R 8,637	R 129,204	0	--	--	--	95,004	--	--	--	
2021	1,175	303	30,604	2,937	R 16,705	79,832	47	R 9,280	R 139,405	0	--	--	--	99,621	--	--	--	
2022	1,065	304	R 31,091	3,102	R 15,079	80,360	48	R 8,702	R 138,381	0	--	--	--	102,112	--	--	--	
2023	1,117	282	30,280	2,653	14,978	81,200	40	8,905	138,055	0	--	--	--	99,046	--	--	--	

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	268.3	901.9
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	363.9	1,299.7
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	532.7	1,656.0
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	525.5	1,730.5
2000	90.3	275.3	157.0	20.6	72.9	358.1	0.4	81.7	690.8	1.8	52.4	2.3	(s)	0.1	326.6	1,439.6	711.1	2,150.8
2005	82.4	232.6	200.2	17.0	78.9	386.1	2.3	107.8	792.3	2.6	64.7	3.6	0.1	(s)	354.5	1,533.2	739.7	2,272.9
2006	79.2	223.2	196.6	17.4	80.6	388.4	1.2	112.8	796.9	2.0	56.9	3.6	0.1	(s)	354.6	R 1,517.3	756.3	R 2,273.6
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	R 1,514.8	788.3	R 2,303.1
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	R 1,474.3	761.1	R 2,235.4
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	1,357.3	653.3	2,010.7
2010	71.7	240.8	167.2	14.1	70.7	388.0	(s)	R 64.2	R 704.2	0.0	62.4	9.4	0.2	(s)	353.2	R 1,441.9	742.8	R 2,184.7
2011	68.7	241.5	169.3	12.3	68.0	382.1	0.2	R 67.0	R 698.9	0.0	59.4	10.0	0.2	(s)	343.7	R 1,422.5	692.9	R 2,115.4
2012	65.5	217.4	R 160.6	9.1	63.9	377.6	0.4	R 62.4	R 674.0	2.1	62.9	9.0	0.2	(s)	328.9	R 1,360.1	650.2	R 2,010.2
2013	66.2	247.4	R 159.0	9.9	66.1	382.3	0.4	R 69.2	R 686.8	3.7	64.7	9.4	0.2	0.2	330.8	R 1,409.3	632.4	R 2,041.8
2014	62.0	267.9	169.2	11.1	66.8	386.0	0.3	R 69.4	R 702.7	0.0	67.2	9.4	0.2	0.2	341.9	R 1,451.6	675.8	R 2,127.4
2015	56.1	252.3	R 169.6	10.1	70.1	396.6	0.2	R 70.8	R 717.5	0.0	R 66.0	9.3	0.2	0.2	339.9	R 1,441.5	656.9	R 2,098.4
2016	50.5	248.1	R 165.3	9.6	74.2	412.5	0.1	R 73.9	R 735.6	0.0	R 63.0	9.9	0.2	0.3	343.8	R 1,451.4	688.8	R 2,140.2
2017	39.3	255.8	R 168.6	9.3	77.5	414.5	0.1	57.3	727.4	0.0	R 57.4	9.9	0.2	0.3	331.8	R 1,422.2	645.9	R 2,068.1
2018	36.8	301.2	181.4	10.8	77.6	407.1	0.3	55.4	732.6	0.0	R 60.6	9.8	0.2	0.4	351.1	R 1,492.7	650.6	R 2,143.3
2019	32.3	301.6	184.3	11.6	82.9	411.4	0.5	55.4	R 746.1	0.0	R 55.5	9.5	0.2	0.4	340.6	1,486.2	607.2	2,093.4
2020	29.1	293.6	R 169.9	11.2	R 77.9	375.5	0.5	53.8	R 688.8	0.0	R 48.0	9.0	0.2	0.4	324.2	R 1,393.3	547.1	R 1,940.4
2021	30.6	315.0	176.4	11.3	94.7	403.1	0.3	57.7	R 743.6	0.0	R 55.0	9.3	0.2	0.4	339.9	1,493.9	607.0	2,100.9
2022	27.5	316.8	R 179.3	11.9	R 85.5	405.7	0.3	R 54.1	R 736.8	0.0	R 41.0	8.6	0.2	0.3	348.4	R 1,479.7	R 626.5	R 2,106.2
2023	29.0	292.5	174.6	10.2	84.9	410.0	0.3	55.3	735.2	0.0	41.7	8.4	0.2	0.3	337.9	1,445.2	612.8	2,058.0

^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. Beginning in 2021, adjusted for the double-counting of biofuels product supplied.
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. <https://www.eia.gov/state/seds/>