

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

Year	Coal Thousand Short Tons	Natural Gas ^a Billion Cubic Feet	Petroleum							Hydroelectric Power ^{g,h} Million Kilowatt-hours	Biomass		Geothermal ^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	4,545	146	4,849	4,152	497	21,535	328	6,457	37,817	0	--	--	--	28,168	--	--	--	
1970	4,860	240	8,208	9,564	3,089	33,581	942	12,337	67,721	0	--	--	--	31,038	--	--	--	
1980	3,345	200	22,679	10,223	2,897	39,829	1,012	13,335	89,976	0	--	--	--	49,787	--	--	--	
1990	3,582	184	24,014	6,154	5,713	43,040	537	12,576	92,034	0	--	--	--	61,097	--	--	--	
2000	2,405	221	29,331	9,959	6,651	48,912	90	15,397	110,339	0	--	--	--	78,316	--	--	--	
2005	2,529	217	31,196	9,977	8,284	53,899	140	20,140	123,635	0	--	--	--	89,351	--	--	--	
2006	2,497	199	32,584	9,754	7,105	53,898	118	21,305	124,763	0	--	--	--	88,743	--	--	--	
2007	2,607	210	33,240	9,841	7,979	54,131	103	19,986	125,280	0	--	--	--	92,404	--	--	--	
2008	2,266	216	30,802	9,899	7,425	51,934	(s)	18,216	118,276	0	--	--	--	93,428	--	--	--	
2009	1,721	198	28,753	8,602	9,844	53,289	70	18,770	119,327	0	--	--	--	88,897	--	--	--	
2010	1,979	213	29,234	14,860	9,880	53,002	56	14,362	121,394	0	--	--	--	93,569	--	--	--	
2011	1,879	207	30,980	14,851	10,352	51,262	0	12,795	120,240	0	--	--	--	89,538	--	--	--	
2012	1,150	195	28,431	14,121	10,270	50,604	39	14,803	118,269	0	--	--	--	89,048	--	--	--	
2013	1,088	215	28,066	9,931	10,660	50,575	31	12,219	111,483	0	--	--	--	84,764	--	--	--	
2014	1,048	229	27,994	10,639	10,656	50,119	25	13,053	112,485	0	--	--	--	78,839	--	--	--	
2015	1,011	219	26,842	11,024	11,115	51,823	15	14,129	114,949	0	--	--	--	76,039	--	--	--	
2016	796	205	26,875	9,474	11,709	53,096	6	14,885	116,046	0	--	--	--	74,554	--	--	--	
2017	848	202	25,946	10,019	12,999	52,909	26	R 12,107	114,005	0	--	--	--	72,634	--	--	--	
2018	772	227	27,909	11,350	14,255	53,037	13	R 12,842	R 119,406	0	--	--	--	76,611	--	--	--	
2019	695	232	26,886	12,192	R 13,614	52,928	0	R 12,935	R 118,556	0	--	--	--	75,345	--	--	--	
2020	594	225	25,250	11,442	R 13,213	47,477	0	R 10,572	R 107,953	0	--	--	--	71,800	--	--	--	
2021	684	241	26,292	11,633	14,667	50,985	13	12,722	116,313	0	--	--	--	74,517	--	--	--	

Trillion Btu																		
1960	115.2	151.4	28.2	15.8	2.7	113.1	2.1	38.4	200.4	0.0	22.4	NA	NA	NA	96.1	585.6	237.7	823.2
1970	118.5	243.6	47.8	35.7	17.4	176.4	5.9	73.7	356.9	0.0	23.7	NA	NA	NA	105.9	848.5	256.2	1,104.7
1980	82.9	202.2	132.1	36.8	16.3	209.2	6.4	78.9	479.7	0.0	25.3	NA	NA	NA	169.9	959.9	408.1	1,368.0
1990	90.8	191.4	139.9	22.1	32.3	226.1	3.4	76.6	500.3	0.0	17.4	0.0	0.2	(s)	208.5	1,011.5	478.4	1,489.9
2000	64.6	229.9	170.7	35.5	37.7	254.4	0.6	94.2	593.0	0.0	11.7	0.0	0.6	(s)	267.2	1,167.1	635.6	1,802.6
2005	65.4	223.1	181.5	35.3	47.0	279.8	0.9	120.5	665.0	0.0	31.8	1.4	1.2	(s)	304.9	1,293.1	725.0	2,018.2
2006	64.8	204.5	189.1	34.4	40.3	279.5	0.7	126.7	670.7	0.0	29.4	1.7	1.4	(s)	302.8	1,276.2	733.2	2,009.3
2007	67.0	216.1	192.3	34.5	45.2	278.3	0.7	119.2	670.2	0.0	31.3	2.0	1.6	(s)	315.3	1,304.7	739.4	2,044.2
2008	59.1	223.4	178.0	34.8	42.1	265.2	(s)	108.1	628.2	0.0	31.0	2.0	1.9	(s)	318.8	1,265.4	742.6	2,008.1
2009	44.7	205.7	166.1	30.1	55.8	271.2	0.4	111.6	635.3	0.0	29.5	2.0	2.3	0.1	303.3	1,222.8	707.7	1,930.5
2010	51.4	219.3	168.8	57.1	56.0	268.6	0.4	86.6	637.4	0.0	36.1	1.9	2.5	0.1	319.3	1,268.0	735.0	2,003.0
2011	49.0	213.2	178.8	57.0	58.7	259.5	0.0	77.6	631.7	0.0	36.2	1.7	2.7	0.1	305.5	1,240.0	694.1	1,934.1
2012	29.9	200.8	164.0	54.2	58.2	256.2	0.2	89.9	622.7	0.0	31.7	1.5	2.7	0.1	303.8	1,193.3	706.9	1,900.2
2013	28.2	220.8	161.7	37.7	60.4	255.9	0.2	74.0	590.1	0.0	37.0	1.5	2.7	0.2	289.2	1,169.6	671.8	1,841.4
2014	27.1	234.7	161.3	34.7	60.4	253.6	0.2	79.4	589.6	0.0	39.4	1.5	2.7	0.2	269.0	1,164.1	R 615.5	R 1,779.6
2015	26.8	223.9	154.7	35.7	63.0	262.1	0.1	84.8	600.4	0.0	31.3	1.5	2.7	0.2	259.4	1,146.2	R 584.3	R 1,730.5
2016	20.8	211.5	154.7	30.6	66.4	268.4	(s)	90.5	610.6	0.0	30.9	1.7	2.7	0.3	254.4	1,132.7	R 571.6	R 1,704.3
2017	22.5	211.8	149.4	31.7	73.7	267.3	0.2	73.5	595.8	0.0	33.5	1.7	2.7	0.3	247.8	1,116.1	R 546.5	R 1,662.6
2018	20.0	239.1	160.7	35.9	80.8	268.0	0.1	78.2	623.8	0.0	35.5	1.6	2.7	0.4	261.4	1,184.3	R 561.1	R 1,745.4
2019	18.2	243.3	154.8	39.1	R 77.2	267.4	0.0	78.7	R 617.2	0.0	36.2	1.9	2.7	0.4	257.1	R 1,177.0	R 537.1	R 1,714.1
2020	15.5	236.2	145.3	36.2	R 74.9	239.9	0.0	R 64.5	R 560.9	0.0	29.3	2.1	2.7	0.5	245.0	R 1,092.1	R 494.1	R 1,586.2
2021	17.5	253.3	151.5	37.0	83.2	257.5	0.1	78.0	607.3	0.0	30.6	2.2	2.7	0.7	254.3	1,168.4	521.1	1,689.4

^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/>