

**KENTUCKY**  
**Table CT5. Commercial Sector Energy Consumption Estimates, Selected Years, 1960-2019, Kentucky**

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>g</sup>	Geothermal <sup>f</sup>	Solar <sup>f,h</sup> Million Kilowatthours	Electricity Retail Sales	Net Energy <sup>f,i</sup>	Electrical System Energy Losses <sup>j</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	298	18	501	227	176	336	4	1,243	NA	--	NA	1,590	--	--	--	
1965	206	21	576	259	325	268	8	1,436	NA	--	NA	2,166	--	--	--	
1970	233	42	835	545	408	263	11	2,063	NA	--	NA	3,465	--	--	--	
1975	204	38	915	607	211	275	7	2,016	NA	--	NA	6,489	--	--	--	
1980	227	39	2,632	335	622	250	19	3,858	NA	--	NA	8,432	--	--	--	
1985	194	34	1,579	258	92	377	1	2,307	NA	--	NA	9,465	--	--	--	
1990	121	32	762	296	94	445	(s)	1,598	0	--	0	11,740	--	--	--	
1995	113	39	1,114	367	117	42	0	1,640	0	--	0	13,521	--	--	--	
2000	170	39	1,082	450	70	40	8	1,650	0	--	0	17,252	--	--	--	
2001	194	35	1,123	299	58	42	6	1,527	0	--	0	17,601	--	--	--	
2002	222	36	1,068	324	32	42	0	1,466	0	--	0	18,107	--	--	--	
2003	177	38	789	382	39	42	0	1,252	0	--	0	17,946	--	--	--	
2004	247	37	804	409	32	42	0	1,286	0	--	0	18,443	--	--	--	
2005	266	37	773	310	27	42	1	1,153	0	--	0	19,091	--	--	--	
2006	119	33	749	308	20	43	0	1,120	0	--	0	18,941	--	--	--	
2007	122	37	661	243	10	43	0	957	0	--	0	20,035	--	--	--	
2008	55	37	552	498	7	43	0	1,100	0	--	0	19,669	--	--	--	
2009	48	35	409	366	6	43	0	824	0	--	0	18,734	--	--	--	
2010	44	37	331	324	7	43	0	705	0	--	1	19,411	--	--	--	
2011	45	35	391	507	6	43	0	946	0	--	2	18,721	--	--	--	
2012	31	31	401	417	2	42	0	863	0	--	3	18,756	--	--	--	
2013	15	37	451	475	2	44	0	972	0	--	11	21,004	--	--	--	
2014	19	40	521	379	6	42	0	948	0	--	11	19,157	--	--	--	
2015	15	35	675	349	6	735	0	1,763	0	--	12	19,589	--	--	--	
2016	14	34	1,178	351	9	775	0	2,313	0	--	13	19,981	--	--	--	
2017	14	33	624	390	5	785	0	1,805	0	--	15	19,293	--	--	--	
2018	5	38	739	501	7	796	0	2,042	0	--	19	19,980	--	--	--	
2019	6	37	838	716	8	804	0	2,366	0	--	22	19,612	--	--	--	

**Trillion Btu**

1960	7.3	18.9	2.9	0.9	1.0	1.8	(s)	6.6	NA	0.3	NA	5.4	38.5	13.4	51.9
1965	5.0	21.9	3.4	1.0	1.8	1.4	(s)	7.7	NA	0.2	NA	7.4	42.2	17.6	59.8
1970	5.5	43.2	4.9	2.1	2.3	1.4	0.1	10.7	NA	0.2	NA	11.8	71.4	28.6	100.0
1975	4.7	38.8	5.3	2.3	1.2	1.4	(s)	10.4	NA	0.2	NA	22.1	76.2	53.1	129.3
1980	5.4	39.7	15.3	1.3	3.5	1.3	0.1	21.6	NA	0.4	NA	28.8	95.8	69.1	164.9
1985	4.7	34.8	9.2	1.0	0.5	2.0	(s)	12.7	NA	0.6	NA	32.3	85.2	74.0	159.1
1990	2.9	33.1	4.4	1.1	0.5	2.3	(s)	8.4	0.0	1.5	0.0	40.1	86.1	91.9	178.0
1995	2.8	42.3	6.5	1.4	0.7	0.2	0.0	8.8	0.0	1.5	0.1	46.1	101.7	107.0	208.6
2000	4.5	40.2	6.3	1.7	0.4	0.2	0.1	8.7	0.0	1.0	0.2	58.9	113.4	140.0	253.4
2001	4.8	36.6	6.5	1.1	0.3	0.2	(s)	8.3	0.0	0.8	0.2	60.1	110.8	140.5	251.2
2002	5.5	37.3	6.2	1.2	0.2	0.2	0.0	7.9	0.0	0.9	0.3	61.8	113.5	154.4	267.9
2003	4.3	39.6	4.6	1.5	0.2	0.2	0.0	6.5	0.0	0.9	0.4	61.2	112.9	148.6	261.5
2004	5.9	38.3	4.7	1.6	0.2	0.2	0.0	6.6	0.0	0.9	0.4	62.9	115.1	152.0	267.1
2005	6.4	38.0	4.5	1.2	0.2	0.2	(s)	6.1	0.0	1.6	0.5	65.1	117.7	154.9	272.6
2006	2.8	33.5	4.3	1.2	0.1	0.2	0.0	5.9	0.0	1.5	0.5	64.6	108.9	156.5	265.4
2007	2.9	35.3	3.8	0.9	0.1	0.2	0.0	5.0	0.0	1.6	0.5	68.4	113.7	160.3	274.1
2008	1.5	38.5	3.2	1.9	(s)	0.2	0.0	5.4	0.0	1.7	0.6	67.1	114.7	156.3	271.1
2009	1.3	36.7	2.4	1.4	(s)	0.2	0.0	4.0	0.0	2.0	0.7	63.9	108.6	149.1	257.8
2010	1.2	37.9	1.9	1.2	(s)	0.2	0.0	3.4	0.0	2.0	0.8	66.2	111.5	152.5	264.0
2011	1.2	35.5	2.3	1.9	(s)	0.2	0.0	4.5	0.0	1.9	1.0	63.9	108.0	145.1	253.1
2012	0.9	31.7	2.3	1.6	(s)	0.2	0.0	4.1	0.0	1.6	0.9	64.0	103.3	148.9	252.1
2013	0.4	38.3	2.6	1.8	(s)	0.2	0.0	4.7	0.0	1.9	0.9	71.7	117.9	166.5	284.4
2014	0.5	41.0	3.0	1.5	(s)	0.2	0.0	4.7	0.0	2.0	0.9	65.4	114.5	149.6	264.1
2015	0.4	36.2	3.9	1.3	(s)	3.7	0.0	9.0	0.0	1.3	0.9	66.8	114.6	150.5	265.1
2016	0.4	34.5	6.8	1.3	0.1	3.9	0.0	12.1	0.0	1.3	0.9	68.2	117.4	R 153.1	R 270.6
2017	0.4	34.3	3.6	1.5	(s)	4.0	0.0	9.1	0.0	1.4	0.9	65.8	111.9	145.1	257.0
2018	0.1	40.4	4.3	1.9	(s)	4.0	0.0	10.2	0.0	1.4	0.9	68.2	121.4	146.2	267.6
2019	0.2	39.2	4.8	2.8	(s)	4.1	0.0	11.7	0.0	1.5	0.9	66.9	120.5	139.6	260.1

<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 pumped-storage hydroelectricity, 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> 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 net energy 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>j</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>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.