

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

Year	Coal ^a	Natural gas ^b	Petroleum				Biomass	Geothermal ^e	Solar ^{e,f}	Electricity ^g	End use ^{e,h}	Electrical system energy losses ⁱ	Total ^{e,h}
			Distillate fuel oil	HGL ^c	Kerosene	Total							
	Thousand short tons	Billion cubic feet	Thousand barrels				Wood ^d			Million kilowatthours			
1960	428	63	242	1,416	897	2,554	--	--	--	2,760	--	--	--
1965	274	64	278	1,617	1,653	3,548	--	--	--	3,763	--	--	--
1970	296	86	403	3,403	2,077	5,884	--	--	--	6,987	--	--	--
1975	88	79	442	3,793	1,073	5,308	--	--	--	9,586	--	--	--
1980	60	74	820	2,092	1,751	4,663	--	--	--	13,075	--	--	--
1985	55	60	856	1,609	833	3,298	--	--	--	14,539	--	--	--
1990	30	56	748	1,851	321	2,921	--	--	--	16,814	--	--	--
1995	17	66	723	2,291	415	3,429	--	--	--	20,537	--	--	--
2000	21	65	527	2,814	316	3,657	--	--	--	23,374	--	--	--
2005	23	56	370	2,148	251	2,769	--	--	--	26,947	--	--	--
2006	12	47	255	1,955	160	2,369	--	--	--	25,949	--	--	--
2007	14	52	245	2,113	100	2,458	--	--	--	28,004	--	--	--
2008	0	55	231	2,429	60	2,720	--	--	--	27,562	--	--	--
2009	0	52	321	2,536	114	2,971	--	--	--	26,561	--	--	--
2010	0	54	113	2,649	111	2,873	--	--	--	29,137	--	--	--
2011	0	51	270	2,361	94	2,725	--	--	--	27,198	--	--	--
2012	0	43	80	1,625	20	1,725	--	--	--	26,097	--	--	--
2013	0	54	106	1,811	21	1,937	--	--	--	26,788	--	--	--
2014	0	58	101	2,181	44	2,326	--	--	--	27,400	--	--	--
2015	0	49	111	2,079	26	2,216	--	--	--	26,168	--	--	--
2016	0	46	93	1,514	30	1,637	--	--	--	26,338	--	--	--
2017	0	43	91	1,165	15	1,271	--	--	--	24,883	--	--	--
2018	0	51	73	1,542	18	1,633	--	--	--	27,713	--	--	--
2019	0	49	87	2,133	26	2,246	--	--	--	26,573	--	--	--
2020	0	46	67	1,557	23	1,647	--	--	--	25,935	--	--	--
2021	0	47	108	1,793	23	1,923	--	--	--	26,434	--	--	--
2022	0	50	111	2,218	21	2,350	--	--	--	26,840	--	--	--
Trillion Btu													
1960	10.5	65.2	1.4	5.4	5.1	11.9	14.9	NA	NA	9.4	111.9	R 19.0	R 130.9
1965	6.6	65.9	1.6	6.2	9.4	17.2	11.2	NA	NA	12.8	113.8	R 25.3	R 139.1
1970	6.9	87.9	2.3	13.1	11.8	27.2	10.1	NA	NA	23.8	156.0	R 48.8	R 204.9
1975	2.0	79.8	2.6	14.6	6.1	23.2	10.8	NA	NA	32.7	148.6	R 66.8	R 215.4
1980	1.4	74.9	4.8	8.0	9.9	22.7	15.2	NA	NA	44.6	158.8	R 94.9	R 253.7
1985	1.3	61.9	5.0	6.2	4.7	15.9	26.8	NA	NA	49.6	155.5	R 100.8	R 256.3
1990	0.7	58.3	4.4	7.1	1.8	13.3	13.7	(s)	(s)	57.4	143.6	R 126.1	R 269.7
1995	0.4	72.5	4.2	8.8	2.4	15.4	10.8	(s)	(s)	70.1	169.5	R 156.2	R 325.7
2000	0.6	67.3	3.1	10.8	1.8	15.7	5.8	(s)	(s)	79.8	169.4	R 185.3	R 354.7
2005	0.6	57.8	2.2	8.2	1.4	11.8	10.2	(s)	(s)	91.9	173.0	R 212.6	R 385.6
2006	0.3	48.8	1.5	7.5	0.9	9.9	9.0	(s)	(s)	88.5	157.4	R 209.5	R 366.9
2007	0.3	52.9	1.4	8.1	0.6	10.1	10.0	(s)	(s)	95.5	169.9	R 220.4	R 390.4
2008	0.0	57.0	1.3	9.3	0.3	11.0	11.2	(s)	(s)	94.0	174.5	R 215.0	R 389.5
2009	0.0	53.7	1.9	9.7	0.6	12.2	14.0	0.1	0.1	90.6	172.2	R 204.4	R 376.7
2010	0.0	56.1	0.7	10.2	0.6	11.5	15.0	0.1	0.1	99.4	183.8	R 223.4	R 407.2
2011	0.0	52.1	1.6	9.1	0.5	11.2	14.6	0.1	0.1	92.8	172.4	R 205.3	R 377.7
2012	0.0	44.4	0.5	6.2	0.1	6.8	12.2	0.1	0.1	89.0	154.4	R 201.7	R 356.1
2013	0.0	55.5	0.6	7.0	0.1	7.7	15.9	0.1	0.1	91.4	172.5	R 205.7	R 378.2
2014	0.0	59.1	0.6	8.4	0.3	9.2	16.1	0.1	0.1	93.5	179.8	R 207.8	R 387.6
2015	0.0	50.5	0.6	8.0	0.2	8.8	8.6	0.1	0.1	89.3	159.1	R 194.4	R 353.4
2016	0.0	46.8	0.5	5.8	0.2	6.5	7.5	0.1	0.1	89.9	152.7	R 194.8	R 347.5
2017	0.0	45.2	0.5	4.5	0.1	5.1	7.6	R 0.1	R 0.1	84.9	144.8	R 176.8	R 321.5
2018	0.0	54.1	0.4	5.9	0.1	6.4	9.3	R 0.1	R 0.1	94.6	166.4	R 192.8	R 359.2
2019	0.0	51.2	0.5	8.2	0.1	8.8	10.3	R 0.1	R 0.1	90.7	163.0	R 178.8	R 341.7
2020	0.0	R 48.3	0.4	6.0	0.1	6.5	R 6.1	R 0.2	R 0.2	88.5	R 151.4	R 163.8	R 315.2
2021	0.0	R 49.3	0.6	6.9	0.1	7.6	R 5.6	R 0.2	R 0.2	90.2	R 154.8	R 172.1	R 326.9
2022	0.0	52.4	0.6	8.5	0.1	9.3	7.3	1.9	0.3	91.6	162.7	175.7	338.4

^a Beginning in 2008, data are no longer collected and are assumed to be zero.^b Includes supplemental gaseous fuels that are commingled with natural gas.^c Hydrocarbon gas liquids, assumed to be propane only.^d Wood and wood-derived fuels.^e There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.^f Solar thermal and photovoltaic energy. Includes solar thermal energy consumed as heat by the commercial and industrial sectors.^g Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.^h 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.ⁱ 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/>