

Table CT1. Energy Consumption Estimates for Selected Energy Sources in Physical Units, Selected Years, 1960-2019, Kentucky

Year	Coal Thousand Short Tons	Natural Gas ^a Billion Cubic Feet	Petroleum							Nuclear Electric Power Million Kilowatthours	Hydro-electric Power ^g Million Kilowatthours	Fuel Ethanol ^h Thousand Barrels	Biodiesel Thousand Barrels
			Distillate Fuel Oil ^b	HGL ^c	Jet Fuel ^d	Motor Gasoline ^e	Residual Fuel Oil	Other ^f	Total				
			Thousand Barrels										
1960	12,010	149	4,850	4,152	497	21,535	337	6,457	37,827	0	2,633	NA	NA
1965	17,585	172	5,567	5,869	1,284	25,780	600	9,313	48,412	0	2,464	NA	NA
1970	23,558	248	8,211	9,564	3,089	33,581	1,063	12,337	67,846	0	3,174	NA	NA
1971	24,833	244	7,785	9,864	2,674	35,715	659	12,052	68,748	0	3,536	NA	NA
1972	26,469	255	9,569	11,412	2,207	37,567	1,192	12,135	74,082	0	3,770	NA	NA
1973	25,978	245	10,740	12,277	2,367	39,362	1,110	13,691	79,547	0	3,823	NA	NA
1974	27,236	228	10,416	11,929	2,035	39,541	2,060	12,079	78,059	0	3,398	NA	NA
1975	25,556	208	10,924	10,977	2,150	40,816	2,169	11,931	78,966	0	3,463	NA	NA
1976	27,898	246	13,649	11,330	2,159	42,834	2,457	12,115	84,544	0	3,159	NA	NA
1977	27,597	220	17,049	11,616	2,224	43,935	2,831	12,607	90,262	0	3,313	NA	NA
1978	27,652	213	19,099	12,254	2,558	44,928	2,436	12,780	94,056	0	3,182	NA	NA
1979	26,737	219	21,290	10,761	2,569	42,570	1,365	15,561	94,116	0	3,940	NA	NA
1980	27,728	202	22,906	10,223	2,897	39,829	1,012	13,335	90,203	0	2,940	NA	NA
1981	28,811	199	18,192	7,924	3,230	40,181	1,139	10,254	80,919	0	2,598	7	NA
1982	27,279	189	17,482	7,112	3,702	40,066	1,154	10,488	80,004	0	3,343	45	NA
1983	27,461	174	20,433	7,156	4,009	40,272	1,175	10,561	83,607	0	3,244	234	NA
1984	28,933	189	22,853	5,782	3,261	40,786	782	11,101	84,565	0	3,514	736	NA
1985	31,066	173	22,088	5,539	3,434	39,924	622	10,451	82,058	0	2,941	1,046	NA
1986	32,185	167	20,584	5,118	3,549	42,518	739	10,496	83,006	0	2,734	1,599	NA
1987	32,085	172	21,367	6,750	4,827	43,068	852	12,155	89,019	0	2,948	1,845	NA
1988	35,263	184	25,148	6,719	4,985	44,133	569	12,722	94,276	0	2,423	1,597	NA
1989	32,889	189	28,907	6,329	5,071	43,428	469	12,567	96,772	0	4,404	1,167	NA
1990	34,449	184	24,226	6,154	5,713	43,040	537	12,576	92,246	0	3,160	841	NA
1991	34,517	187	22,533	6,709	6,368	43,766	455	12,120	91,952	0	3,658	826	NA
1992	34,704	190	25,122	6,427	6,882	44,786	417	13,543	97,178	0	3,767	969	NA
1993	39,095	203	27,392	5,815	5,705	45,756	332	12,377	97,377	0	3,155	611	NA
1994	38,090	208	26,186	5,673	6,343	46,180	325	12,694	97,400	0	4,014	258	NA
1995	39,516	224	27,325	5,607	6,305	48,104	201	12,238	99,780	0	3,423	130	NA
1996	40,862	236	27,693	7,207	5,590	43,543	243	13,210	97,486	0	3,497	134	NA
1997	41,889	228	28,052	8,757	4,558	50,174	165	13,300	105,006	0	3,380	159	NA
1998	41,153	205	28,104	7,517	5,351	50,222	55	16,159	107,408	0	3,116	94	NA
1999	42,378	218	27,466	9,278	6,962	50,950	77	17,927	112,661	0	2,557	88	NA
2000	42,585	225	29,641	9,959	6,651	48,912	90	15,397	110,648	0	2,325	67	NA
2001	43,907	209	30,721	9,928	6,001	51,268	143	18,565	116,626	0	3,856	97	7
2002	40,920	228	33,820	10,917	6,353	50,827	94	24,565	126,575	0	4,025	630	11
2003	40,827	223	26,713	8,830	8,046	52,702	123	23,332	119,745	0	3,948	1,407	9
2004	41,874	225	30,286	9,621	9,042	55,268	64	26,978	131,261	0	3,780	1,229	18
2005	42,881	234	31,426	9,977	8,284	53,899	140	27,286	131,011	0	2,961	2,748	61
2006	44,435	211	32,777	9,754	7,105	53,898	118	27,867	131,518	0	2,592	2,845	175
2007	43,671	230	33,482	9,841	7,979	54,131	103	25,309	130,845	0	1,669	3,440	237
2008	44,457	225	31,057	9,899	7,425	51,934	(s)	23,691	124,007	0	1,917	4,409	203
2009	40,992	207	29,034	8,602	9,844	53,289	70	22,524	123,362	0	3,318	4,867	215
2010	43,870	232	29,464	R 14,860	R 10,561	53,002	56	18,511	R 126,453	0	2,580	4,967	174
2011	44,422	223	31,229	R 14,851	R 10,997	51,262	0	15,836	R 124,176	0	2,969	4,941	593
2012	40,128	226	28,658	R 14,121	R 10,889	50,604	39	17,514	R 121,825	0	2,362	5,116	534
2013	40,563	230	28,288	R 9,931	R 11,232	50,575	31	14,716	R 114,773	0	3,275	5,209	839
2014	40,262	255	28,238	R 10,639	R 11,351	50,119	25	R 15,061	R 115,432	0	3,144	5,098	761
2015	35,391	271	27,086	11,024	R 11,833	51,823	15	R 15,976	R 117,759	0	3,403	5,001	646
2016	32,867	272	27,087	9,474	R 12,381	53,096	6	17,077	R 119,121	0	3,478	5,129	957
2017	28,519	284	26,137	10,019	R 13,761	52,909	26	R 12,928	R 115,780	0	4,506	5,172	781
2018	29,339	340	28,089	11,350	R 15,080	53,037	13	R 12,835	R 120,404	0	4,418	5,115	746
2019	25,862	339	27,055	12,192	16,253	52,927	0	12,926	121,354	0	4,232	5,183	572

^a Includes supplemental gaseous fuels that are commingled with natural gas.
^b Beginning in 2009, includes biodiesel blended into distillate fuel oil.
^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 pumped-storage hydroelectricity, which cannot be separately identified.

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

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Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2019, Kentucky
(Trillion Btu)

Year	Fossil Fuels										Fossil Fuels (as commingled)			
	Coal	Natural Gas excluding Supplemental Gaseous Fuels ^a	Petroleum							Total	Total	Natural Gas including Supplemental Gaseous Fuels ^a	Distillate Fuel Oil including Biodiesel ^a	Motor Gasoline including Fuel Ethanol ^a
			Distillate Fuel Oil excluding Biodiesel ^a	HGL ^b	Jet Fuel ^c	Motor Gasoline excluding Fuel Ethanol ^a	Residual Fuel Oil	Other ^d	Total					
1960	286.7	153.8	28.2	15.8	2.7	113.1	2.1	38.4	200.4	641.0	153.8	28.2	113.1	
1965	415.5	176.7	32.4	22.3	7.2	135.4	3.8	54.7	255.8	848.0	176.7	32.4	135.4	
1970	527.1	252.3	47.8	35.7	17.4	176.4	6.7	73.7	357.6	1,136.9	252.3	47.8	176.4	
1971	550.4	248.5	45.3	36.7	15.0	187.6	4.1	72.2	361.0	1,159.9	248.5	45.3	187.6	
1972	583.8	259.5	55.7	42.3	12.4	197.3	7.5	72.7	388.0	1,231.3	259.5	55.7	197.3	
1973	573.4	250.1	62.6	45.3	13.3	206.8	7.0	82.5	417.4	1,240.9	250.1	62.6	206.8	
1974	593.8	231.4	60.7	43.8	11.4	207.7	13.0	72.2	408.7	1,234.0	231.4	60.7	207.7	
1975	558.3	209.2	63.6	40.2	12.1	214.4	13.6	71.6	415.5	1,183.0	209.2	63.6	214.4	
1976	617.5	248.7	79.5	41.4	12.2	225.0	15.4	72.6	446.1	1,312.3	248.7	79.5	225.0	
1977	613.5	221.9	99.3	42.0	12.5	230.8	17.8	75.6	478.1	1,313.5	221.9	99.3	230.8	
1978	617.2	215.0	111.3	44.1	14.4	236.0	15.3	76.6	497.7	1,329.9	215.0	111.3	236.0	
1979	609.3	220.9	124.0	38.9	14.5	223.6	8.6	92.6	502.2	1,332.3	220.9	124.0	223.6	
1980	641.7	204.1	133.4	36.8	16.3	209.2	6.4	78.9	481.0	1,326.8	204.1	133.4	209.2	
1981	663.9	202.2	106.0	28.4	18.2	211.1	7.2	62.1	432.9	1,299.1	202.2	106.0	211.1	
1982	627.0	191.0	101.8	25.3	20.9	210.5	7.3	64.1	429.8	1,247.9	191.2	101.8	210.5	
1983	637.8	177.5	119.0	25.5	22.6	211.5	7.4	63.6	449.7	1,265.0	177.8	119.0	211.5	
1984	671.0	193.3	133.1	20.5	18.4	214.2	4.9	66.6	457.9	1,322.2	193.4	133.1	214.2	
1985	716.9	177.7	128.7	19.8	19.3	209.7	3.9	63.0	444.4	1,339.0	177.7	128.7	209.7	
1986	749.9	173.5	119.9	18.5	20.0	223.3	4.6	63.9	450.4	1,373.8	173.5	119.9	223.3	
1987	746.7	178.3	124.5	24.6	27.3	226.2	5.4	73.9	481.9	1,406.9	178.3	124.5	226.2	
1988	821.8	190.9	146.5	24.4	28.2	231.8	3.6	77.2	511.6	1,524.3	190.9	146.5	231.8	
1989	767.6	195.8	168.4	23.2	28.7	228.1	3.0	76.2	527.6	1,491.0	195.9	168.4	228.1	
1990	803.5	191.7	141.1	22.1	32.3	226.1	3.4	76.6	501.6	1,496.8	191.7	141.1	226.1	
1991	802.7	196.3	131.3	24.1	36.0	229.9	2.9	73.8	497.9	1,496.9	196.3	131.3	229.9	
1992	812.9	200.9	146.3	23.2	38.9	235.3	2.6	81.9	528.2	1,542.0	200.9	146.3	235.3	
1993	921.1	213.1	159.6	21.1	32.3	236.6	2.1	75.0	526.6	1,660.8	213.1	159.6	236.7	
1994	896.4	221.3	152.4	20.7	35.9	239.9	2.0	77.2	528.2	1,645.8	221.3	152.4	240.8	
1995	929.4	245.6	159.0	20.4	35.7	249.9	1.3	74.5	540.9	1,715.8	245.6	159.0	250.3	
1996	952.1	248.0	161.2	26.2	31.7	226.4	1.5	80.2	527.3	1,727.4	248.1	161.2	226.9	
1997	977.8	239.3	163.3	31.6	25.8	260.6	1.0	81.2	563.5	1,780.6	239.3	163.3	261.2	
1998	959.0	212.1	163.5	27.0	30.3	261.0	0.3	98.0	580.2	1,751.3	212.1	163.5	261.3	
1999	987.6	225.4	159.8	33.2	39.5	264.7	0.5	109.0	606.8	1,819.8	225.4	159.8	265.0	
2000	997.6	234.2	172.5	35.5	37.7	254.2	0.6	94.2	594.5	1,826.3	234.2	172.5	254.4	
2001	1,013.1	216.7	178.8	34.9	34.0	266.3	0.9	113.0	628.0	1,857.7	216.7	178.8	266.6	
2002	950.9	236.1	196.8	38.5	36.0	262.1	0.6	149.2	683.2	1,870.2	236.1	196.8	264.2	
2003	943.7	231.4	155.4	31.5	45.6	269.0	0.8	142.1	644.5	1,819.5	231.5	155.4	273.9	
2004	961.8	233.4	176.2	34.2	51.3	282.9	0.4	159.0	704.0	1,899.1	233.4	176.2	287.2	
2005	986.3	240.9	182.8	35.3	47.0	270.3	0.9	161.4	697.6	1,924.8	240.9	182.8	279.8	
2006	1,023.3	217.2	190.2	34.4	40.3	269.6	0.7	164.3	699.4	1,939.9	217.2	190.2	279.5	
2007	1,020.7	235.9	193.7	34.5	45.2	266.4	0.7	149.6	690.1	1,946.7	236.0	193.7	278.3	
2008	1,024.8	233.2	179.5	34.8	42.1	249.9	(s)	139.4	645.7	1,903.7	233.2	179.5	265.2	
2009	937.1	214.3	166.6	30.1	55.8	254.4	0.4	133.1	640.4	1,791.7	214.3	167.7	271.2	
2010	1,009.8	239.1	169.2	R 57.1	R 59.9	251.3	0.4	110.3	R 648.1	R 1,897.0	239.1	170.2	268.6	
2011	1,010.6	229.0	177.0	R 57.0	R 62.4	242.4	0.0	95.0	R 633.8	R 1,873.5	229.1	180.2	259.5	
2012	909.7	232.7	162.4	R 54.2	R 61.7	238.4	0.2	105.4	R 622.4	R 1,764.8	232.7	165.3	256.2	
2013	914.8	235.7	158.5	R 37.7	R 63.7	237.8	0.2	88.3	R 586.3	R 1,736.8	235.7	163.0	255.9	
2014	913.5	262.3	158.7	34.7	R 64.4	235.9	0.2	90.9	R 584.6	R 1,760.3	262.3	162.7	253.6	
2015	796.5	276.9	152.6	35.7	R 67.1	244.7	0.1	95.4	R 595.6	R 1,669.0	276.9	156.1	262.1	
2016	736.6	279.9	150.8	30.6	R 70.2	250.6	(s)	103.0	R 605.2	R 1,621.8	280.0	155.9	268.4	
2017	639.4	296.7	146.3	31.7	R 78.0	249.4	0.2	R 78.2	R 583.7	R 1,519.8	296.7	150.5	267.3	
2018	655.9	R 356.7	157.8	35.9	R 85.5	250.2	0.1	R 78.1	R 607.6	R 1,620.2	R 356.8	161.8	268.0	
2019	574.5	356.1	152.7	39.1	92.2	249.3	0.0	78.6	612.0	1,542.6	356.1	155.8	267.4	

^a 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."

^b Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.

^c 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."

^d 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>.

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

Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2019, Kentucky (Continued)
(Trillion Btu)

Year	Nuclear Electric Power	Renewable Energy										Net Interstate Flow of Electricity ^k	Electricity Net Imports ^l	Total ^f
		Hydro-electric Power ^{e,f}	Biomass					Geo-thermal ^f	Solar ^{f,j}	Wind	Total ^f			
			Wood and Waste ^{f,g}	Fuel Ethanol ^h	Biodiesel	Losses and Co-products ⁱ	Total ^f							
1960	0.0	28.3	22.4	NA	NA	NA	22.4	0.0	NA	NA	50.8	131.5	0.0	823.2
1965	0.0	25.8	21.7	NA	NA	NA	21.7	0.0	NA	NA	47.4	4.1	0.0	899.6
1970	0.0	33.3	23.7	NA	NA	NA	23.7	0.0	NA	NA	57.0	-89.3	0.0	1,104.7
1971	0.0	37.1	24.9	NA	NA	NA	24.9	0.0	NA	NA	61.9	-104.1	0.0	1,117.7
1972	0.0	39.1	27.4	NA	NA	NA	27.4	0.0	NA	NA	66.6	-94.8	0.0	1,203.1
1973	0.0	39.7	27.9	NA	NA	NA	27.9	0.0	NA	NA	67.6	-71.6	0.0	1,237.0
1974	0.0	35.5	31.2	NA	NA	NA	31.2	0.0	NA	NA	66.7	-72.3	0.0	1,228.3
1975	0.0	36.0	30.8	NA	NA	NA	30.8	0.0	NA	NA	66.9	28.5	0.0	1,278.4
1976	0.0	32.8	35.3	NA	NA	NA	35.3	0.0	NA	NA	68.1	20.0	0.0	1,400.4
1977	0.0	34.6	29.6	NA	NA	NA	29.6	0.0	NA	NA	64.1	36.4	0.0	1,414.0
1978	0.0	33.0	37.6	NA	NA	NA	37.6	0.0	NA	NA	70.5	-0.3	0.0	1,400.1
1979	0.0	40.8	41.7	NA	NA	NA	41.7	0.0	NA	NA	82.5	17.8	0.0	1,432.6
1980	0.0	30.5	25.3	NA	NA	NA	25.3	0.0	NA	NA	55.8	-14.6	0.0	1,368.0
1981	0.0	27.2	28.0	(s)	NA	0.0	28.0	0.0	NA	NA	55.2	-56.9	0.0	1,297.3
1982	0.0	34.9	34.4	0.2	NA	0.0	34.6	0.0	NA	NA	69.5	-55.3	0.0	1,262.1
1983	0.0	34.1	30.9	0.8	NA	0.0	31.7	0.0	NA	0.0	65.8	-54.2	0.0	1,276.6
1984	0.0	36.7	38.0	2.6	NA	0.0	40.6	0.0	0.0	0.0	77.3	-24.1	0.0	1,375.3
1985	0.0	30.7	38.8	3.6	NA	0.0	42.4	0.0	0.0	0.0	73.2	-82.4	0.0	1,329.7
1986	0.0	28.6	34.7	5.5	NA	0.0	40.3	0.0	0.0	0.0	68.8	-138.1	0.0	1,304.6
1987	0.0	30.7	29.7	6.4	NA	0.0	36.1	0.0	0.0	0.0	66.8	-132.4	0.0	1,341.3
1988	0.0	25.0	31.4	5.5	NA	0.0	37.0	0.0	0.0	0.0	62.0	-167.2	0.0	1,419.1
1989	0.0	45.9	26.9	4.0	NA	0.0	30.9	0.2	(s)	0.0	77.1	-59.1	0.0	1,509.0
1990	0.0	32.9	17.4	2.9	NA	0.0	20.3	0.2	(s)	0.0	53.4	-60.3	0.0	1,489.9
1991	0.0	38.2	18.2	2.9	NA	0.0	21.1	0.3	(s)	0.0	59.5	-40.6	0.0	1,515.8
1992	0.0	39.0	18.8	3.4	NA	0.0	22.1	0.3	(s)	0.0	61.4	-21.2	0.0	1,582.2
1993	0.0	32.5	15.2	2.1	NA	0.0	17.3	0.3	(s)	0.0	50.1	-92.3	0.0	1,618.6
1994	0.0	41.4	14.9	0.9	NA	0.0	15.8	0.4	(s)	0.0	57.6	-31.6	0.0	1,671.8
1995	0.0	35.3	15.5	0.4	NA	0.0	15.9	0.4	(s)	0.0	51.7	-25.5	0.0	1,741.9
1996	0.0	36.2	18.5	0.5	NA	0.0	19.0	0.4	(s)	0.0	55.6	-21.9	0.0	1,761.0
1997	0.0	34.5	13.0	0.6	NA	0.0	13.5	0.5	(s)	0.0	48.5	-61.3	0.0	1,767.8
1998	0.0	31.8	11.1	0.3	NA	0.0	11.5	0.6	(s)	0.0	43.8	-70.1	0.0	1,725.0
1999	0.0	26.1	11.5	0.3	NA	0.0	11.8	0.6	(s)	0.0	38.5	-42.9	0.0	1,815.4
2000	0.0	23.7	11.7	0.2	NA	0.0	12.0	0.6	(s)	0.0	36.3	-60.0	0.0	1,802.6
2001	0.0	39.8	12.7	0.3	(s)	(s)	13.0	0.7	(s)	0.0	53.5	-78.7	0.0	1,832.6
2002	0.0	40.9	21.2	2.2	(s)	(s)	23.4	0.7	(s)	0.0	65.1	54.3	0.0	1,989.6
2003	0.0	40.0	24.6	4.9	(s)	(s)	29.6	1.0	(s)	0.0	70.5	33.7	0.0	1,923.8
2004	0.0	37.9	26.4	4.3	0.1	1.5	32.2	1.1	(s)	0.0	71.2	27.7	0.0	1,998.0
2005	0.0	29.6	32.6	9.5	0.3	1.4	43.8	1.2	(s)	0.0	74.7	18.7	(s)	2,018.2
2006	0.0	25.7	30.4	9.9	0.9	1.7	42.9	1.4	(s)	0.0	70.1	-0.6	0.0	2,009.3
2007	0.0	16.5	32.5	11.9	1.3	2.0	47.7	1.6	(s)	0.0	65.8	31.7	0.0	2,044.2
2008	0.0	18.9	32.3	15.3	1.1	2.0	50.7	1.9	(s)	0.0	71.5	32.9	0.0	2,008.1
2009	0.0	32.4	30.4	16.8	1.2	2.0	50.3	2.3	0.1	0.0	85.0	53.8	0.0	1,930.5
2010	0.0	25.2	36.7	17.2	0.9	R 1.9	R 56.7	2.5	0.1	0.0	R 84.5	25.3	0.0	R 2,006.9
2011	0.0	28.8	36.8	17.1	3.2	R 1.7	R 58.8	2.7	0.1	0.0	R 90.5	-26.2	0.0	R 1,937.8
2012	0.0	22.5	32.9	17.7	2.9	R 1.5	R 55.1	2.7	0.1	0.0	R 80.3	58.6	0.0	R 1,903.7
2013	0.0	31.2	38.2	18.1	4.5	R 1.5	R 62.3	2.7	0.2	0.0	R 96.5	11.4	0.0	R 1,844.6
2014	0.0	29.9	40.5	17.7	4.1	R 1.5	R 63.8	2.7	0.2	0.0	R 96.6	-73.4	0.0	R 1,783.6
2015	0.0	31.7	32.4	17.4	3.5	R 1.5	R 54.8	2.7	0.2	0.0	R 89.4	-24.0	0.0	R 1,734.4
2016	0.0	R 32.1	R 32.1	17.8	5.1	R 1.6	R 56.6	2.7	0.4	0.0	R 91.8	R -5.7	0.0	R 1,707.9
2017	0.0	41.5	R 34.9	18.0	4.2	R 1.6	R 58.7	2.7	0.5	0.0	R 103.4	43.4	(s)	R 1,666.5
2018	0.0	40.2	R 36.7	17.8	4.0	R 1.6	R 60.1	2.7	0.7	0.0	R 103.8	25.4	(s)	R 1,749.4
2019	0.0	37.7	37.4	18.0	3.1	2.4	60.4	2.7	0.8	0.0	101.6	78.9	0.0	1,723.0

^e Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

^f There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

^g Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

^h 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.

ⁱ Losses and co-products from the production of biodiesel and fuel ethanol.

^j Solar thermal and photovoltaic energy.

^k 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.

^l 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>.

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

KENTUCKY
Table CT3. Total End-Use Energy Consumption Estimates, Selected Years, 1960-2019, Kentucky

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 Retail Sales	Net Energy ^{h,l}	Electrical System Energy Losses ^m	Total ^{h,l}
			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			Million Kilowatt-hours			
															Thousand Barrels			
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	---	---	---
2001	2,602	205	30,496	9,928	6,001	51,268	143	18,565	116,401	0	---	---	---	---	79,975	---	---	---
2002	2,315	214	33,485	10,917	6,353	50,827	94	17,650	119,326	0	---	---	---	---	87,267	---	---	---
2003	2,306	220	26,403	8,830	8,046	52,702	123	17,580	113,683	0	---	---	---	---	85,220	---	---	---
2004	2,532	221	30,031	9,621	9,042	55,268	64	19,883	123,910	0	---	---	---	---	86,521	---	---	---
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	R 14,860	R 10,561	53,002	56	14,362	R 122,075	0	---	---	---	---	93,569	---	---	---
2011	1,879	207	30,980	R 14,851	R 10,997	51,262	0	12,796	R 120,887	0	---	---	---	---	89,538	---	---	---
2012	1,150	195	28,431	R 14,121	R 10,889	50,604	39	14,804	R 118,888	0	---	---	---	---	89,048	---	---	---
2013	1,088	215	28,066	R 9,931	R 11,232	50,575	31	12,219	R 112,055	0	---	---	---	---	84,764	---	---	---
2014	1,048	229	27,994	10,639	R 11,351	50,119	25	R 13,055	R 113,182	0	---	---	---	---	78,839	---	---	---
2015	1,011	219	26,842	11,024	R 11,833	51,823	15	R 14,134	R 115,672	0	---	---	---	---	76,039	---	---	---
2016	796	205	26,875	9,474	R 12,381	53,096	6	14,883	R 116,716	0	---	---	---	---	74,554	---	---	---
2017	848	202	25,946	10,019	R 13,761	52,909	26	R 12,097	R 114,757	0	---	---	---	---	72,634	---	---	---
2018	772	227	27,909	11,350	R 15,080	53,037	13	R 12,835	R 120,224	0	---	---	---	---	76,611	---	---	---
2019	695	227	26,886	12,192	16,253	52,927	0	12,926	121,185	0	---	---	---	---	75,345	---	---	---

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
2001	69.0	212.2	177.5	34.9	34.0	266.6	0.9	113.0	627.0	0.0	12.7	(s)	0.7	(s)	272.9	1,194.4	638.2	1,832.6
2002	62.0	222.1	194.8	38.5	36.0	264.2	0.6	107.6	641.7	0.0	21.2	(s)	0.7	(s)	297.8	1,245.6	744.0	1,989.6
2003	61.1	227.7	153.6	31.5	45.6	273.9	0.8	107.4	612.9	0.0	24.6	(s)	1.0	(s)	290.8	1,218.1	705.7	1,923.8
2004	67.0	228.4	174.7	34.2	51.3	287.2	0.4	118.5	666.2	0.0	25.6	1.5	1.1	(s)	295.2	1,285.1	712.9	1,998.0
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	R 57.1	R 59.9	268.6	0.4	86.6	R 641.2	0.0	36.1	R 1.9	2.5	0.1	319.3	R 1,271.8	735.0	R 2,006.9
2011	49.0	213.2	178.8	R 57.0	R 62.4	259.5	0.0	77.6	R 635.3	0.0	36.2	R 1.7	2.7	0.1	305.5	R 1,243.7	694.1	R 1,937.8
2012	29.9	200.8	164.0	R 54.2	R 61.7	256.2	0.2	89.9	R 626.2	0.0	31.7	R 1.5	2.7	0.1	303.8	R 1,196.9	706.9	R 1,903.7
2013	28.2	220.8	161.7	R 37.7	R 63.7	255.9	0.2	74.0	R 593.3	0.0	37.0	R 1.5	2.7	0.2	289.2	R 1,172.9	671.8	R 1,844.6
2014	27.1	234.7	161.3	34.7	R 64.4	253.6	0.2	79.4	R 593.5	0.0	39.4	R 1.5	2.7	0.2	269.0	R 1,168.0	615.6	R 1,783.6
2015	26.8	223.9	154.7	35.7	R 67.1	262.1	0.1	R 84.9	R 604.5	0.0	31.3	R 1.5	2.7	0.2	259.4	R 1,150.3	584.1	R 1,734.4
2016	20.8	211.5	154.7	30.6	R 70.2	268.4	(s)	90.5	R 614.4	0.0	30.8	R 1.6	2.7	0.3	254.4	R 1,136.5	R 571.4	R 1,707.9
2017	22.5	211.8	149.4	31.7	R 78.0	267.3	0.2	R 73.5	R 600.1	0.0	R 33.5	R 1.6	2.7	0.3	247.8	R 1,120.3	546.3	R 1,666.5
2018	20.0	R 239.1	160.7	35.9	R 85.5	268.0	0.1	R 78.1	R 628.4	0.0	R 35.4	R 1.6	2.7	0.4	261.4	R 1,188.9	560.5	R 1,749.4
2019	18.2	238.2	154.8	39.1	92.2	267.4	0.0	78.6	632.2	0.0	36.2	2.4	2.7	0.4	257.1	1,186.7	536.3	1,723.0

^a Includes supplemental gaseous fuels that are commingled with natural gas.
^b Beginning in 2009, includes biodiesel blended into distillate fuel oil.
^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 pumped-storage hydroelectricity, 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 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 the commercial and industrial sectors.
^m 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 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>.
 Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT4. Residential Sector Energy Consumption Estimates, Selected Years, 1960-2019, Kentucky

Year	Coal ^a Thousand Short Tons	Natural Gas ^b Billion Cubic Feet	Petroleum				Biomass Wood ^d	Geothermal ^e	Solar ^{e,f}	Electricity Retail Sales Million Kilowatthours	Net Energy ^{e,g}	Electrical System Energy Losses ^h	Total ^{e,g}
			Distillate Fuel Oil	HGL ^c	Kerosene	Total							
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	--	--	--	
2001	24	57	456	1,867	271	2,594	--	--	23,698	--	--	--	
2002	30	59	405	2,025	169	2,600	--	--	25,347	--	--	--	
2003	26	62	500	2,348	182	3,031	--	--	24,704	--	--	--	
2004	27	56	440	2,246	207	2,892	--	--	25,187	--	--	--	
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	--	--	--	

Trillion Btu

1960	10.5	65.2	1.4	5.4	5.1	11.9	14.9	NA	NA	9.4	111.9	23.3	135.2
1965	6.6	65.9	1.6	6.2	9.4	17.2	11.2	NA	NA	12.8	113.8	30.6	144.5
1970	6.9	87.9	2.3	13.1	11.8	27.2	10.1	NA	NA	23.8	156.0	57.7	213.7
1975	2.0	79.8	2.6	14.6	6.1	23.2	10.8	NA	NA	32.7	148.6	78.5	227.0
1980	1.4	74.9	4.8	8.0	9.9	22.7	15.2	NA	NA	44.6	158.8	107.2	266.0
1985	1.3	61.9	5.0	6.2	4.7	15.9	26.8	NA	NA	49.6	155.5	113.6	269.1
1990	0.7	58.3	4.4	7.1	1.8	13.3	13.7	0.2	(s)	57.4	143.6	131.7	275.2
1995	0.4	72.5	4.2	8.8	2.4	15.4	10.8	0.3	(s)	70.1	169.5	162.5	332.0
2000	0.6	67.3	3.1	10.8	1.8	15.7	5.8	0.4	(s)	79.8	169.4	189.7	359.1
2001	0.6	59.1	2.7	7.2	1.5	11.4	4.7	0.4	(s)	80.9	157.1	189.1	346.2
2002	0.7	61.3	2.4	7.8	1.0	11.1	4.8	0.5	(s)	86.5	164.9	216.1	381.0
2003	0.6	64.2	2.9	9.0	1.0	13.0	5.1	0.6	(s)	84.3	167.7	204.6	372.3
2004	0.7	58.4	2.6	8.6	1.2	12.4	5.2	0.7	(s)	85.9	163.3	207.5	370.8
2005	0.6	57.8	2.2	8.3	1.4	11.8	10.2	0.8	(s)	91.9	173.0	218.7	391.7
2006	0.3	48.8	1.5	7.5	0.9	9.9	9.0	0.9	(s)	88.5	157.4	214.4	371.8
2007	0.3	52.9	1.4	8.1	0.6	10.1	10.0	1.1	(s)	95.5	169.9	224.1	394.0
2008	0.0	57.0	1.3	9.3	0.3	11.0	11.2	1.3	(s)	94.0	174.5	219.1	393.6
2009	0.0	53.7	1.9	9.7	0.6	12.2	14.0	1.6	0.1	90.6	172.2	211.5	383.7
2010	0.0	56.1	0.7	10.2	0.6	11.5	15.0	1.8	0.1	99.4	183.8	228.9	412.7
2011	0.0	52.1	1.6	9.1	0.5	11.2	14.6	1.7	0.1	92.8	172.4	210.8	383.3
2012	0.0	44.4	0.5	6.2	0.1	6.8	12.2	1.9	0.1	89.0	154.4	207.2	361.5
2013	0.0	55.5	0.6	7.0	0.1	7.7	15.9	1.9	0.1	91.4	172.5	212.3	384.8
2014	0.0	59.1	0.6	8.4	0.3	9.2	16.1	1.9	0.1	93.5	179.8	213.9	393.8
2015	0.0	50.5	0.6	8.0	0.2	8.8	8.6	1.9	0.1	89.3	159.1	201.0	360.1
2016	0.0	46.8	0.5	5.8	0.2	6.5	7.5	1.9	0.1	89.9	152.7	201.9	354.6
2017	0.0	45.2	0.5	4.5	0.1	5.1	R 7.6	1.9	0.2	84.9	R 144.8	187.1	331.9
2018	0.0	54.1	0.4	5.9	0.1	6.4	R 9.3	1.9	0.2	94.6	R 166.4	202.8	369.2
2019	0.0	51.2	0.5	8.2	0.1	8.8	10.3	1.9	0.2	90.7	163.0	189.2	352.2

^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 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.

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

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

Year	Coal Thousand Short Tons	Natural Gas ^a Billion Cubic Feet	Petroleum						Hydro-electric Power ^{e,f} Million Kilowatthours	Biomass Wood and Waste ^g	Geothermal ^f	Solar ^{f,h} Million Kilowatthours	Electricity Retail Sales	Net Energy ^{f,i}	Electrical System Energy Losses ^j	Total ^{f,j}
			Distillate Fuel Oil	HGL ^b	Kerosene	Motor Gasoline ^c	Residual Fuel Oil	Total ^d								
			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

^a Includes supplemental gaseous fuels that are commingled with natural gas.
^b Hydrocarbon gas liquids, assumed to be propane only.
^c 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.
^d Includes small amounts of petroleum coke not shown separately.
^e Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.
^f There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.
^g Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
^h Solar thermal and photovoltaic energy. Excludes a small amount of solar thermal energy consumed as heat that is included in the residential sector.
ⁱ 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.
^j 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.

Table CT6. Industrial Sector Energy Consumption Estimates, Selected Years, 1960-2019, Kentucky

Year	Coal Thousand Short Tons	Natural Gas ^a Billion Cubic Feet	Petroleum						Hydro-electric Power ^{e,f} Million kWh	Biomass		Geo-thermal ^f	Solar ^{f,i} Million kWh	Electricity Retail Sales	Net Energy ^{f,j}	Electrical System Energy Losses ^k	Total ^{f,j}
			Distillate Fuel Oil	HGL ^b	Motor Gasoline ^c	Residual Fuel Oil	Other ^d	Total		Wood and Waste ^g	Losses and Co-products ^h						
1960	3,754	46	1,558	2,476	485	289	4,326	9,134	0	---	---	---	NA	23,818	---	---	---
1965	4,879	58	1,987	3,957	430	536	5,873	12,783	0	---	---	---	NA	20,893	---	---	---
1970	4,325	75	2,078	5,562	209	786	9,153	17,788	0	---	---	---	NA	20,586	---	---	---
1975	2,898	66	3,346	6,511	195	2,059	9,988	22,099	0	---	---	---	NA	31,006	---	---	---
1980	3,058	66	6,433	7,784	89	857	10,332	25,494	0	---	---	---	NA	28,280	---	---	---
1985	3,732	63	5,838	3,574	843	621	8,989	19,864	0	---	---	---	NA	26,564	---	---	---
1990	3,431	72	6,054	3,941	848	537	11,580	22,960	0	---	---	---	0	32,543	---	---	---
1995	3,679	93	6,120	2,902	1,168	201	11,156	21,546	0	---	---	---	0	40,490	---	---	---
2000	2,214	104	4,436	6,638	827	81	14,439	26,422	0	---	---	---	0	37,689	---	---	---
2001	2,384	97	5,340	7,698	1,720	136	17,651	32,545	0	---	---	---	0	38,676	---	---	---
2002	2,063	107	5,252	8,429	1,739	92	16,890	32,403	0	---	---	---	0	43,812	---	---	---
2003	2,103	105	4,368	6,038	1,919	120	16,845	29,291	0	---	---	---	0	42,570	---	---	---
2004	2,257	117	4,154	6,886	2,196	58	19,115	32,409	0	---	---	---	0	42,891	---	---	---
2005	2,240	116	4,609	7,427	2,141	136	19,336	33,649	0	---	---	---	0	43,314	---	---	---
2006	2,367	112	5,012	7,376	2,307	118	20,616	35,428	0	---	---	---	0	43,853	---	---	---
2007	2,472	113	4,750	7,393	1,147	103	19,353	32,747	0	---	---	---	0	44,366	---	---	---
2008	2,212	111	6,234	6,833	788	(s)	17,675	31,530	0	---	---	---	0	46,198	---	---	---
2009	1,673	99	6,091	5,611	804	70	18,225	30,801	0	---	---	---	0	43,602	---	---	---
2010	1,935	108	5,878	R 11,859	757	50	13,739	R 32,284	0	---	---	---	0	45,022	---	---	---
2011	1,834	110	6,727	R 11,953	747	0	12,215	R 31,643	0	---	---	---	0	43,619	---	---	---
2012	1,118	112	5,674	R 12,054	691	39	14,348	R 32,806	0	---	---	---	0	44,196	---	---	---
2013	1,073	117	5,457	R 7,624	697	31	11,754	R 25,564	0	---	---	---	0	36,972	---	---	---
2014	1,030	122	4,161	R 8,060	508	25	R 12,540	R 25,294	0	---	---	---	0	32,283	---	---	---
2015	996	123	3,436	R 8,577	533	15	R 13,602	R 26,164	0	---	---	---	0	30,281	---	---	---
2016	782	121	3,405	R 7,586	563	6	14,369	R 25,930	0	---	---	---	(s)	28,234	---	---	---
2017	834	119	3,052	R 8,454	568	26	R 11,633	R 23,733	0	---	---	---	(s)	28,459	---	---	---
2018	767	123	3,418	R 9,300	572	13	R 12,376	R 25,678	0	---	---	---	1	28,917	---	---	---
2019	689	127	3,719	9,335	558	0	12,480	26,091	0	---	---	---	1	29,161	---	---	---

Trillion Btu																	
1960	95.9	47.7	9.1	9.4	2.5	1.8	26.6	49.4	0.0	7.3	NA	NA	NA	81.3	281.6	201.0	482.5
1965	123.9	60.0	11.6	15.0	2.3	3.4	35.7	67.9	0.0	10.2	NA	NA	NA	71.3	333.3	170.2	503.5
1970	105.9	76.1	12.1	20.3	1.1	4.9	55.7	94.1	0.0	13.4	NA	NA	NA	70.2	359.8	169.9	529.7
1975	71.1	66.6	19.5	23.0	1.0	12.9	60.4	116.9	0.0	9.8	NA	NA	NA	105.8	380.2	253.8	633.9
1980	76.1	66.4	37.5	27.4	0.5	5.4	61.7	132.5	0.0	9.7	NA	NA	NA	96.5	381.2	231.8	613.0
1985	94.2	65.1	34.0	12.2	4.4	3.9	54.6	109.1	0.0	11.4	0.0	NA	NA	90.6	370.5	207.6	578.1
1990	87.1	74.4	35.3	13.6	4.5	3.4	70.7	127.4	0.0	2.2	0.0	0.0	0.0	111.0	402.2	254.8	657.0
1995	94.2	102.4	35.6	10.0	6.1	1.3	68.2	121.2	0.0	3.2	0.0	0.0	0.0	138.2	459.1	320.4	779.5
2000	59.6	107.9	25.8	22.7	4.3	0.5	88.5	141.9	0.0	5.0	0.0	0.0	0.0	128.6	443.0	305.9	748.9
2001	63.6	101.0	31.1	26.4	8.9	0.9	107.7	174.9	0.0	7.1	(s)	0.0	0.0	132.0	478.5	308.6	787.2
2002	55.8	111.0	30.6	28.9	9.0	0.6	103.1	172.2	0.0	15.5	(s)	0.0	0.0	149.5	504.0	373.5	877.5
2003	56.2	109.0	25.4	20.8	10.0	0.8	103.1	160.1	0.0	18.7	(s)	0.0	0.0	145.2	489.1	352.5	841.7
2004	60.4	121.1	24.2	23.6	11.4	0.4	114.0	173.6	0.0	19.6	1.5	0.0	0.0	146.3	522.4	353.4	875.8
2005	58.5	118.9	26.8	25.5	11.1	0.9	115.8	180.1	0.0	20.0	1.4	0.0	0.0	147.8	526.6	351.5	878.1
2006	61.7	115.5	29.1	25.2	12.0	0.7	122.7	189.7	0.0	18.8	1.7	0.0	0.0	149.6	537.1	362.3	899.4
2007	63.8	115.7	27.5	25.1	5.9	0.7	115.5	174.6	0.0	19.8	2.0	0.0	0.0	151.4	527.1	355.0	882.1
2008	57.6	114.5	36.0	23.0	4.0	(s)	104.9	168.0	0.0	18.2	2.0	0.0	0.0	157.6	517.8	367.2	885.1
2009	43.4	102.2	35.2	18.6	4.1	0.4	108.4	166.7	0.0	13.5	2.0	0.0	0.0	148.8	476.6	347.1	823.7
2010	50.2	111.2	33.9	R 45.5	3.8	0.3	82.9	R 166.5	0.0	19.1	R 1.9	0.0	0.0	153.6	R 502.5	353.7	R 856.2
2011	47.8	112.8	38.8	R 45.9	3.8	0.0	74.2	R 162.7	0.0	19.7	R 1.7	0.0	0.0	148.8	R 493.5	338.1	R 831.6
2012	29.1	115.8	32.7	R 46.3	3.5	0.2	87.2	R 169.9	0.0	17.9	R 1.5	0.0	0.0	150.8	R 485.0	350.8	R 835.8
2013	27.8	119.5	31.5	R 28.9	3.5	0.2	71.2	R 135.3	0.0	19.2	R 1.5	0.0	0.0	126.1	R 429.4	293.0	R 722.4
2014	26.6	124.9	24.0	24.8	2.6	0.2	R 76.3	127.8	0.0	21.3	R 1.5	0.0	0.0	110.1	R 412.3	252.1	R 664.4
2015	26.4	125.5	19.8	26.3	2.7	0.1	81.7	130.6	0.0	21.5	R 1.5	0.0	0.0	103.3	R 408.7	232.6	R 641.3
2016	20.5	124.4	19.6	23.3	2.8	(s)	87.4	133.2	0.0	22.0	R 1.6	0.0	(s)	96.3	R 398.0	R 216.4	R 614.4
2017	22.1	124.5	17.6	25.7	2.9	0.2	R 70.7	R 117.0	0.0	R 24.6	R 1.6	0.0	(s)	97.1	R 386.8	214.0	R 600.9
2018	19.9	R 129.6	19.7	28.0	2.9	0.1	R 75.4	R 126.1	0.0	R 24.8	R 1.6	0.0	(s)	98.7	R 400.5	211.6	R 612.1
2019	18.0	132.8	21.4	28.2	2.8	0.0	76.0	128.4	0.0	24.4	2.4	0.0	(s)	99.5	405.0	207.6	612.6

^a Includes supplemental gaseous fuels that are commingled with natural gas.
^b Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.
^c 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.
^d Includes asphalt and road oil, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.
^e Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.
^f There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.
^g Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
^h Losses and co-products from the production of biodiesel and fuel ethanol.
ⁱ Solar thermal and photovoltaic energy. Excludes a small amount of solar thermal energy consumed as heat that is included in the residential sector.
^j 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 industrial utility-scale facilities.
^k 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>.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

KENTUCKY Table CT7. Transportation Sector Energy Consumption Estimates, Selected Years, 1960-2019, Kentucky

Year	Coal Thousand Short Tons	Natural Gas ^a Billion Cubic Feet	Petroleum								Electricity Retail Sales Million Kilowatthours	Net Energy ^{f,g}	Electrical System Energy Losses ^h	Total ^{f,g}
			Aviation Gasoline	Distillate Fuel Oil ^b	HGL ^c	Jet Fuel ^d	Lubricants	Motor Gasoline ^e	Residual Fuel Oil	Total				
			Thousand Barrels											
1960	64	19	652	2,549	34	497	405	20,715	35	24,886	0	--	--	--
1965	16	28	1,052	2,725	36	1,284	409	25,082	42	30,630	0	--	--	--
1970	7	36	330	4,891	54	3,089	368	33,109	145	41,986	0	--	--	--
1975	(s)	24	129	6,215	66	2,150	530	40,346	2	49,437	0	--	--	--
1980	0	21	112	12,795	13	2,897	518	39,490	136	55,961	0	--	--	--
1985	0	14	66	13,546	98	3,434	471	38,704	0	56,319	0	--	--	--
1990	0	25	51	16,449	65	5,713	531	41,748	0	64,555	0	--	--	--
1995	0	25	44	19,086	47	6,305	506	46,894	0	72,882	0	--	--	--
2000	0	14	32	23,286	56	6,651	541	48,045	0	78,610	0	--	--	--
2001	0	15	90	23,577	65	6,001	495	49,506	1	79,735	0	--	--	--
2002	0	12	69	26,760	139	6,353	490	49,046	2	82,858	0	--	--	--
2003	0	14	60	20,746	61	8,046	453	50,741	3	80,110	0	--	--	--
2004	0	10	70	24,634	81	9,042	458	53,030	6	87,322	0	--	--	--
2005	0	8	70	25,444	92	8,284	456	51,716	3	86,065	0	--	--	--
2006	0	7	65	26,569	115	7,105	444	51,548	0	85,845	0	--	--	--
2007	0	12	64	27,584	92	7,979	459	52,941	0	89,118	0	--	--	--
2008	0	13	48	23,785	139	7,425	426	51,103	0	82,926	0	--	--	--
2009	0	13	41	21,932	89	9,844	383	52,442	0	84,731	0	--	--	--
2010	0	14	34	22,913	27	10,561	470	52,202	6	86,213	0	--	--	--
2011	0	12	32	23,591	30	10,997	449	50,473	0	85,573	0	--	--	--
2012	0	9	30	22,276	25	10,889	404	49,871	0	83,495	0	--	--	--
2013	0	7	26	22,051	R 21	11,232	417	49,835	0	83,582	0	--	--	--
2014	0	9	30	23,211	R 19	11,351	435	49,568	0	84,614	0	--	--	--
2015	0	11	30	22,621	R 20	11,833	469	50,556	0	85,529	0	--	--	--
2016	0	6	31	22,200	R 22	12,381	443	51,758	0	86,835	0	--	--	--
2017	0	7	35	22,178	R 10	13,761	409	51,555	0	87,948	0	--	--	--
2018	0	14	36	23,679	R 7	15,080	R 398	51,670	0	90,869	0	--	--	--
2019	0	14	43	22,243	8	16,253	369	51,566	0	90,482	0	--	--	--

Trillion Btu

1960	1.6	19.6	3.3	14.8	0.1	2.7	2.5	108.8	0.2	132.4	0.0	153.6	0.0	153.6
1965	0.4	28.4	5.3	15.9	0.1	7.2	2.5	131.8	0.3	163.0	0.0	191.8	0.0	191.8
1970	0.2	36.3	1.7	28.5	0.2	17.4	2.2	173.9	0.9	224.8	0.0	261.3	0.0	261.3
1975	(s)	23.7	0.6	36.2	0.3	12.1	3.2	211.9	(s)	264.4	0.0	288.1	0.0	288.1
1980	0.0	21.1	0.6	74.5	(s)	16.3	3.1	207.4	0.9	302.9	0.0	324.0	0.0	324.0
1985	0.0	14.7	0.3	78.9	0.4	19.3	2.9	203.3	0.0	305.1	0.0	323.4	0.0	323.4
1990	0.0	25.6	0.3	95.8	0.2	32.3	3.2	219.3	0.0	351.2	0.0	379.6	0.0	379.6
1995	0.0	27.4	0.2	111.1	0.2	35.7	3.1	244.0	0.0	394.3	0.0	421.8	0.0	421.8
2000	0.0	14.5	0.2	135.5	0.2	37.7	3.3	249.9	0.0	426.7	0.0	441.2	0.0	441.2
2001	0.0	15.5	0.5	137.2	0.2	34.0	3.0	257.5	(s)	432.4	0.0	448.0	0.0	448.0
2002	0.0	12.5	0.3	155.7	0.5	36.0	3.0	255.0	(s)	450.6	0.0	463.2	0.0	463.2
2003	0.0	14.9	0.3	120.7	0.2	45.6	2.7	263.7	(s)	433.3	0.0	448.3	0.0	448.3
2004	0.0	10.6	0.4	143.3	0.3	51.3	2.8	275.5	(s)	473.6	0.0	484.3	0.0	484.3
2005	0.0	8.5	0.4	148.0	0.4	47.0	2.8	268.5	(s)	467.0	0.0	475.8	0.0	475.8
2006	0.0	6.7	0.3	154.2	0.4	40.3	2.7	267.3	0.0	465.2	0.0	472.8	0.0	472.8
2007	0.0	12.2	0.3	159.5	0.4	45.2	2.8	272.2	0.0	480.5	0.0	493.9	0.0	493.9
2008	0.0	13.4	0.2	137.5	0.5	42.1	2.6	260.9	0.0	443.9	0.0	458.4	0.0	458.4
2009	0.0	13.0	0.2	126.7	0.3	55.8	2.3	266.9	0.0	452.3	0.0	465.3	0.0	465.3
2010	0.0	14.1	0.2	132.3	0.1	R 59.9	2.9	264.5	(s)	R 459.9	0.0	R 474.0	0.0	R 474.0
2011	0.0	12.8	0.2	136.1	0.1	R 62.4	2.7	255.5	0.0	R 457.0	0.0	R 469.8	0.0	R 469.8
2012	0.0	8.9	0.2	128.5	0.1	R 61.7	2.5	252.4	0.0	R 445.4	0.0	R 454.2	0.0	R 454.2
2013	0.0	7.4	0.1	127.1	0.1	R 63.7	2.5	252.2	0.0	R 445.7	0.0	R 453.0	0.0	R 453.0
2014	0.0	9.6	0.2	133.8	0.1	R 64.4	2.6	250.8	0.0	R 451.8	0.0	R 461.4	0.0	R 461.4
2015	0.0	11.7	0.2	130.3	0.1	R 67.1	2.8	255.7	0.0	R 456.2	0.0	R 467.9	0.0	R 467.9
2016	0.0	5.8	0.2	127.8	0.1	R 70.2	2.7	261.6	0.0	R 462.6	0.0	R 468.3	0.0	R 468.3
2017	0.0	7.8	0.2	127.7	(s)	R 78.0	2.5	260.5	0.0	R 468.9	0.0	R 476.7	0.0	R 476.7
2018	0.0	R 14.9	0.2	136.4	(s)	R 85.5	2.4	261.1	0.0	R 485.6	0.0	R 500.6	0.0	R 500.6
2019	0.0	15.0	0.2	128.1	(s)	92.2	2.2	260.5	0.0	483.2	0.0	498.2	0.0	498.2

^a Transportation use of natural gas is gas consumed in the operation of pipelines, primarily in compressors, and, since 1990, natural gas consumed as vehicle fuel.

^b Beginning in 2009, includes biodiesel blended into distillate fuel oil.

^c Hydrocarbon gas liquids, assumed to be propane only.

^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 "Industrial sector, Other Petroleum."

^e Beginning in 1993, includes fuel ethanol blended into motor gasoline.

^f There is a discontinuity in this time series between 1980 and 1981 due to the expanded coverage of fuel ethanol beginning in 1981.

^g For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.

^h 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>.

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

Table CT8. Electric Power Sector Consumption Estimates, Selected Years, 1960-2019, Kentucky

Year	Coal Thousand Short Tons	Natural Gas ^a Billion Cubic Feet	Petroleum				Nuclear Electric Power	Hydroelectric Power ^d	Biomass Wood and Waste ^{e,f}	Geothermal ^f	Solar ^{f,g}	Wind ^f	Electricity Net Imports ^h	Total ^{f,i}
			Distillate Fuel Oil ^b	Petroleum Coke	Residual Fuel Oil ^c	Total								
			Thousand Barrels											
1960	7,466	2	(s)	0	9	10	0	2,633	--	0	NA	NA	0	--
1965	12,210	(s)	(s)	0	14	14	0	2,464	--	0	NA	NA	0	--
1970	18,698	9	4	0	121	124	0	3,174	--	0	NA	NA	0	--
1975	22,366	(s)	7	0	100	108	0	3,463	--	0	NA	NA	0	--
1980	24,383	2	227	0	0	227	0	2,940	--	0	NA	NA	0	--
1985	27,085	1	270	0	0	270	0	2,941	--	0	0	0	0	--
1990	30,867	(s)	212	0	0	212	0	3,160	--	0	0	0	0	--
1995	35,707	1	282	0	0	282	0	3,423	--	0	0	0	0	--
2000	40,180	4	309	0	0	309	0	2,325	--	0	0	0	0	--
2001	41,305	4	225	0	0	225	0	3,856	--	0	0	0	0	--
2002	38,605	14	335	6,914	0	7,249	0	4,025	--	0	0	0	0	--
2003	38,521	4	310	5,752	0	6,062	0	3,948	--	0	0	0	0	--
2004	39,342	5	255	7,096	0	7,351	0	3,780	--	0	0	0	0	--
2005	40,352	17	230	7,146	0	7,376	0	2,961	--	0	0	0	(s)	--
2006	41,938	12	193	6,562	0	6,755	0	2,592	--	0	0	0	0	--
2007	41,064	19	242	5,323	0	5,566	0	1,669	--	0	0	0	0	--
2008	42,191	10	255	5,475	0	5,730	0	1,917	--	0	0	0	0	--
2009	39,271	8	281	3,754	0	4,035	0	3,318	--	0	0	0	0	--
2010	41,891	19	230	4,149	0	4,378	0	2,580	--	0	0	0	0	--
2011	42,543	16	249	3,040	0	3,289	0	2,969	--	0	0	0	0	--
2012	38,978	31	226	2,710	0	2,937	0	2,362	--	0	0	0	0	--
2013	39,475	15	222	2,497	0	2,718	0	3,275	--	0	0	0	0	--
2014	39,214	27	244	2,006	0	2,250	0	3,144	--	0	0	0	0	--
2015	34,381	52	244	1,843	0	2,087	0	3,403	--	0	0	0	0	--
2016	32,071	66	212	2,194	0	2,406	0	3,478	--	0	12	0	0	--
2017	27,671	81	191	831	0	1,022	0	4,506	--	0	20	0	2	--
2018	28,567	113	180	0	0	180	0	4,418	--	0	39	0	6	--
2019	25,168	112	169	0	0	169	0	4,232	--	0	45	0	0	--

Trillion Btu

1960	171.5	2.4	(s)	0.0	0.1	0.1	0.0	28.3	0.0	0.0	NA	NA	0.0	202.3
1965	279.5	0.5	(s)	0.0	0.1	0.1	0.0	25.8	0.0	0.0	NA	NA	0.0	305.8
1970	408.6	8.7	(s)	0.0	0.8	0.8	0.0	33.3	0.0	0.0	NA	NA	0.0	451.3
1975	480.4	0.3	(s)	0.0	0.6	0.7	0.0	36.0	0.0	0.0	NA	NA	0.0	517.4
1980	558.8	1.9	1.3	0.0	0.0	1.3	0.0	30.5	0.0	0.0	NA	NA	0.0	592.6
1985	616.7	1.1	1.6	0.0	0.0	1.6	0.0	30.7	0.0	0.0	0.0	0.0	0.0	650.2
1990	712.8	0.3	1.2	0.0	0.0	1.2	0.0	32.9	0.0	0.0	0.0	0.0	0.0	747.2
1995	831.9	0.9	1.6	0.0	0.0	1.6	0.0	35.3	0.0	0.0	0.0	0.0	0.0	869.8
2000	933.0	4.3	1.8	0.0	0.0	1.8	0.0	23.7	0.0	0.0	0.0	0.0	0.0	962.8
2001	944.1	4.5	1.3	0.0	0.0	1.3	0.0	39.8	0.0	0.0	0.0	0.0	0.0	989.8
2002	888.9	14.0	1.9	41.7	0.0	43.6	0.0	40.9	0.0	0.0	0.0	0.0	0.0	987.5
2003	882.5	3.8	1.8	34.7	0.0	36.5	0.0	40.0	(s)	0.0	0.0	0.0	0.0	962.7
2004	894.7	5.0	1.5	40.6	0.0	42.1	0.0	37.9	0.8	0.0	0.0	0.0	0.0	980.4
2005	920.9	17.7	1.3	40.9	0.0	42.2	0.0	29.6	0.8	0.0	0.0	0.0	(s)	1,011.2
2006	958.5	12.6	1.1	37.5	0.0	38.6	0.0	25.7	1.1	0.0	0.0	0.0	0.0	1,036.5
2007	953.7	19.9	1.4	30.4	0.0	31.8	0.0	16.5	1.1	0.0	0.0	0.0	0.0	1,023.1
2008	965.7	9.8	1.5	31.3	0.0	32.8	0.0	18.9	1.3	0.0	0.0	0.0	0.0	1,028.5
2009	892.4	8.6	1.6	21.5	0.0	23.1	0.0	32.4	0.8	0.0	0.0	0.0	0.0	957.3
2010	958.4	19.7	1.3	23.7	0.0	25.1	0.0	25.2	0.6	0.0	0.0	0.0	0.0	1,029.0
2011	961.6	15.9	1.4	17.4	0.0	18.8	0.0	28.8	0.6	0.0	0.0	0.0	0.0	1,025.8
2012	879.8	31.9	1.3	15.5	0.0	16.8	0.0	22.5	1.2	0.0	0.0	0.0	0.0	952.1
2013	886.6	15.0	1.3	14.3	0.0	15.6	0.0	31.2	1.2	0.0	0.0	0.0	0.0	949.6
2014	886.4	27.7	1.4	11.5	0.0	12.9	0.0	29.9	1.1	0.0	0.0	0.0	0.0	957.9
2015	769.7	53.0	1.4	10.5	0.0	11.9	0.0	31.7	1.1	0.0	0.0	0.0	0.0	867.5
2016	715.8	68.5	1.2	12.5	0.0	13.8	0.0	32.1	1.2	0.0	0.1	0.0	0.0	831.5
2017	616.9	84.9	1.1	4.8	0.0	5.9	0.0	41.5	1.4	0.0	0.2	0.0	(s)	750.7
2018	635.9	117.7	1.0	0.0	0.0	1.0	0.0	40.2	1.3	0.0	0.4	0.0	(s)	796.5
2019	556.3	117.9	1.0	0.0	0.0	1.0	0.0	37.7	1.2	0.0	0.4	0.0	0.0	714.6

^a Includes supplemental gaseous fuels that are commingled with natural gas.
^b 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.
^c 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.
^d Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.
^e Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
^f There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.
^g Solar thermal and photovoltaic energy.
^h Electricity traded with Canada and Mexico. Btu value calculated by converting net imports in kilowatthours by 3,412 Btu per kilowatthour.
ⁱ 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>.
 Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.