Table CT6. Industrial Sector Energy Consumption Estimates, Selected Years, 1960-2021, Kentucky

Year	Coal	Natural Gas [a]	Petroleum						Hydro-electric Power [e,f]	Biomass		Geo-thermal [f]	Solar [f,i]	Electricity [j]	End Use [f,k]	Electrical System Energy Losses [l]	Total [f,k]
			Distillate Fuel Oil	HGL [b]	Motor Gasoline [c]	Residual Fuel Oil	Other [d]	Total		Wood and Waste [f,g]	Losses and Co-products [h]						
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels						Million kWh				Million kWh				
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	11,870	757	50	13,739	32,294	0	– –	– –	– –	0	45,022	– –	– –	– –
2011	1,834	110	6,727	R 11,964	747	0	12,214	31,653	0	– –	– –	– –	0	43,619	– –	– –	– –
2012	1,118	112	5,674	R 12,063	691	39	14,347	32,814	0	– –	– –	– –	0	44,196	– –	– –	– –
2013	1,073	117	5,457	R 7,627	697	31	11,754	R 25,567	0	– –	– –	– –	0	36,972	– –	– –	– –
2014	1,030	122	4,161	R 8,059	508	25	12,538	R 25,290	0	– –	– –	– –	0	32,283	– –	– –	– –
2015	996	123	3,436	R 8,570	533	15	13,598	R 26,152	0	– –	– –	– –	0	30,281	– –	– –	– –
2016	782	121	3,405	R 7,574	563	6	14,371	R 25,919	0	– –	– –	– –	(s)	28,234	– –	– –	– –
2017	834	119	3,052	R 8,447	568	26	11,643	R 23,736	0	– –	– –	– –	(s)	28,459	– –	– –	– –
2018	767	123	3,418	R 9,294	572	13	R 12,383	R 25,680	0	– –	– –	– –	1	28,917	– –	– –	– –
2019	689	127	3,719	R 9,328	558	0	R 12,489	26,093	0	– –	– –	– –	1	29,161	– –	– –	– –
2020	591	121	3,522	R 9,374	562	0	R 10,163	R 23,621	0	– –	– –	– –	1	27,804	– –	– –	– –
2021	681	128	3,371	9,283	564	13	11,947	25,177	0	– –	– –	– –	2	29,397	– –	– –	– –
			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	19.8	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	45.6	3.8	0.3	82.9	166.5	0.0	19.1	1.9	0.0	0.0	153.6	502.6	353.7	856.2
2011	47.8	112.8	38.8	45.9	3.8	0.0	74.2	162.7	0.0	19.7	1.7	0.0	0.0	148.8	493.5	338.1	831.6
2012	29.1	115.8	32.7	46.3	3.5	0.2	87.1	169.9	0.0	17.9	1.5	0.0	0.0	150.8	485.0	350.8	835.8
2013	27.8	119.5	31.5	28.9	3.5	0.2	71.2	135.3	0.0	19.2	1.5	0.0	0.0	126.1	R 429.4	293.0	722.5
2014	26.6	124.9	24.0	24.8	2.6	0.2	76.3	127.8	0.0	21.3	1.5	0.0	0.0	110.1	412.3	R 252.0	664.4
2015	26.4	125.5	19.8	26.3	2.7	0.1	81.7	130.5	0.0	21.5	1.5	0.0	0.0	103.3	408.7	R 232.7	R 641.4
2016	20.5	124.4	19.6	23.3	2.8	(s)	87.4	133.2	0.0	22.0	1.7	0.0	(s)	96.3	398.0	R 216.5	R 614.5
2017	22.1	124.5	17.6	25.7	2.9	0.2	70.7	117.0	0.0	24.6	1.7	0.0	(s)	97.1	386.9	R 214.1	601.0
2018	19.9	129.6	19.7	28.0	2.9	0.1	75.4	126.1	0.0	24.8	1.6	0.0	(s)	98.7	400.6	R 211.8	R 612.3
2019	18.0	132.7	21.4	R 28.1	2.8	0.0	76.0	128.4	0.0	24.4	1.9	0.0	(s)	99.5	405.0	R 207.9	R 612.8
2020	15.4	127.3	20.3	28.3	2.8	0.0	R 62.1	R 113.5	0.0	20.1	2.1	0.0	(s)	94.9	R 373.4	R 191.3	R 564.7
2021	17.4	134.4	19.4	28.0	2.8	0.1	73.6	123.9	0.0	22.2	2.2	0.0	(s)	100.3	400.4	205.6	605.9

[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 hydroelectric pumped-storage, 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] Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.
[k] 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 industrial utility-scale facilities.
[l] 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.
Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. http://www.eia.gov/state/seds/