

Table CT3. Total end-use sector energy consumption estimates, selected years, 1960-2022, Illinois

Year	Coal Thousand short tons	Natural gas <sup>a</sup> Billion cubic feet	Petroleum							Hydro-electric power <sup>g,h</sup> Million kilowatt-hours	Biomass		Geo-thermal <sup>h</sup>	Solar <sup>h,k</sup>	Electricity <sup>l</sup> Million kilowatt-hours	End use <sup>h,m</sup>	Electrical system energy losses <sup>n</sup>	Total <sup>h,m</sup>
			Distillate fuel oil <sup>b</sup>	HGL <sup>c</sup>	Jet fuel <sup>d</sup>	Motor gasoline <sup>e</sup>	Residual fuel oil	Other <sup>f</sup>	Total		Wood and waste <sup>h,i</sup>	Losses and co-products <sup>j</sup>						
			Thousand barrels															
1960	20,454	476	42,431	14,958	4,356	78,026	26,339	32,744	198,855	19	--	--	--	--	34,001	--	--	--
1970	13,143	1,041	41,828	28,481	22,644	107,084	24,728	42,055	266,821	20	--	--	--	--	70,881	--	--	--
1980	5,536	1,071	36,014	38,811	19,508	109,062	15,510	38,749	257,654	17	--	--	--	--	96,949	--	--	--
1990	6,508	930	42,736	12,471	3,952	105,948	1,972	33,271	200,350	0	--	--	--	--	111,577	--	--	--
2000	5,820	983	42,582	20,131	22,699	119,985	349	32,917	238,664	2	--	--	--	--	134,697	--	--	--
2005	4,298	911	47,757	20,359	39,525	124,646	386	33,331	266,004	0	--	--	--	--	144,986	--	--	--
2006	4,400	851	48,950	20,751	28,578	125,393	227	32,071	255,971	0	--	--	--	--	142,448	--	--	--
2007	4,611	903	49,031	21,104	29,573	124,277	122	31,070	255,177	0	--	--	--	--	146,055	--	--	--
2008	4,523	966	47,604	21,174	27,993	119,777	181	31,046	247,775	0	--	--	--	--	144,620	--	--	--
2009	3,573	923	43,373	20,973	24,970	118,031	37	27,463	234,847	0	--	--	--	--	136,688	--	--	--
2010	4,556	921	43,406	23,049	28,136	116,733	25	26,966	238,315	0	--	--	--	--	144,761	--	--	--
2011	5,093	939	46,446	22,004	28,005	111,501	30	26,006	233,992	0	--	--	--	--	142,886	--	--	--
2012	4,882	851	43,575	21,026	26,587	109,553	34	25,384	226,158	2	--	--	--	--	143,540	--	--	--
2013	4,816	1,005	46,200	20,799	27,220	110,220	73	27,163	231,675	2	--	--	--	--	141,805	--	--	--
2014	4,746	1,051	49,296	23,207	28,254	110,454	22	26,749	237,982	3	--	--	--	--	141,540	--	--	--
2015	3,829	910	54,397	21,577	30,329	112,845	16	27,202	246,366	2	--	--	--	--	138,620	--	--	--
2016	3,584	878	51,413	21,087	31,000	115,636	99	R 27,724	R 246,959	1	--	--	--	--	141,050	--	--	--
2017	3,664	876	52,749	21,417	31,188	114,915	202	R 27,459	R 247,930	2	--	--	--	--	137,196	--	--	--
2018	3,614	970	54,205	22,763	30,686	113,913	141	R 26,672	R 248,380	1	--	--	--	--	142,655	--	--	--
2019	3,568	983	51,080	25,612	31,317	110,394	114	R 27,556	R 246,075	1	--	--	--	--	138,319	--	--	--
2020	3,489	R 897	R 48,502	25,194	18,475	91,381	59	R 27,082	R 210,692	1	--	--	--	--	132,469	--	--	--
2021	3,078	R 895	R 48,380	25,294	25,832	98,882	155	R 29,235	R 227,778	1	--	--	--	--	135,689	--	--	--
2022	2,927	959	48,549	23,300	27,201	98,196	159	29,652	227,057	0	--	--	--	--	135,872	--	--	--
Trillion Btu																		
1960	497.7	492.3	247.2	57.0	24.4	409.9	165.6	195.8	1,099.8	R 0.1	31.0	NA	NA	NA	116.0	R 2,236.9	R 233.9	R 2,470.9
1970	311.4	1,067.5	243.6	106.0	128.2	562.5	155.5	255.6	1,451.4	R 0.1	39.3	NA	NA	NA	241.8	R 3,111.5	R 495.4	R 3,606.9
1980	131.8	1,094.1	209.8	138.4	110.4	572.9	97.5	233.7	1,362.7	R 0.1	90.9	NA	NA	NA	330.8	R 2,973.5	R 703.7	R 3,677.2
1990	156.8	950.8	248.9	44.6	22.3	556.5	12.4	203.2	1,087.9	0.0	67.3	20.2	0.3	0.1	380.7	R 2,667.1	R 944.5	R 3,611.5
2000	141.3	1,005.2	247.8	71.6	128.7	624.0	2.2	202.1	1,276.5	(s)	34.0	26.7	0.4	0.2	459.6	R 2,931.5	R 1,096.8	R 4,028.3
2005	95.9	924.6	277.8	72.1	224.1	647.2	2.4	206.1	1,429.8	0.0	23.4	41.7	0.8	0.7	494.7	R 3,002.8	R 1,136.4	R 4,139.2
2006	98.3	864.6	284.1	73.5	162.0	650.2	1.4	197.6	1,368.8	0.0	17.3	42.3	1.0	0.8	486.0	R 2,873.4	R 1,116.2	R 3,989.5
2007	103.1	916.1	283.6	74.4	167.7	639.0	0.8	191.0	1,356.5	0.0	19.2	51.2	1.2	R 0.9	498.3	R 2,943.8	R 1,133.3	R 4,077.1
2008	100.0	979.3	275.2	75.5	158.7	611.6	1.1	192.2	1,314.3	0.0	19.7	56.1	1.4	R 1.0	493.4	R 2,961.2	R 1,110.3	R 4,071.5
2009	77.8	934.7	250.6	73.7	141.6	600.8	0.2	169.7	1,236.5	0.0	28.4	70.5	1.7	1.1	466.4	R 2,805.7	R 1,039.3	R 3,845.0
2010	99.9	927.8	250.7	77.6	159.5	591.5	0.2	166.3	1,245.8	0.0	31.0	81.7	2.0	1.1	493.9	R 2,871.7	R 1,087.0	R 3,958.7
2011	114.0	949.3	268.0	73.6	158.8	564.5	0.2	159.8	1,224.9	0.0	21.2	80.9	1.9	R 1.1	487.5	R 2,870.1	R 1,064.4	R 3,934.5
2012	116.5	860.4	251.3	69.8	150.7	554.6	0.2	155.6	1,182.3	(s)	18.3	80.5	2.0	R 1.2	489.8	R 2,740.4	R 1,063.7	R 3,804.1
2013	114.4	1,020.7	266.3	71.8	154.3	557.7	0.5	165.2	1,215.7	(s)	22.5	82.1	2.0	R 1.2	483.8	R 2,932.8	R 1,029.5	R 3,962.3
2014	112.3	1,075.9	284.1	77.4	160.2	558.8	0.1	163.0	1,243.6	(s)	23.1	85.1	2.0	R 1.3	482.9	R 3,015.8	R 1,022.7	R 4,038.5
2015	88.9	936.8	313.4	71.1	172.0	570.7	0.1	166.1	1,293.4	(s)	12.3	83.1	2.0	R 1.3	473.0	R 2,880.9	R 990.0	R 3,870.9
2016	82.7	907.1	296.0	69.2	175.8	584.5	0.6	R 173.0	1,299.1	(s)	11.9	91.8	2.0	R 1.4	481.3	R 2,867.9	R 1,006.9	R 3,874.8
2017	84.4	901.8	303.7	70.5	176.8	580.7	1.3	R 170.8	R 1,303.7	(s)	10.8	88.2	2.0	R 1.5	468.1	R 2,849.7	R 983.7	R 3,833.4
2018	82.7	997.9	312.2	75.7	174.0	575.7	0.9	R 166.0	R 1,304.4	(s)	12.5	81.3	2.0	R 1.6	486.7	R 2,957.6	R 1,005.1	R 3,962.8
2019	81.5	1,015.5	294.2	86.6	177.6	557.7	0.7	R 171.2	R 1,288.1	(s)	R 12.9	78.3	2.0	R 1.9	471.9	R 2,942.4	R 946.2	R 3,888.5
2020	79.2	R 931.6	279.2	85.0	104.8	461.7	0.4	R 168.3	R 1,099.3	(s)	R 10.5	74.8	2.0	R 2.7	452.0	R 2,641.8	R 902.8	R 3,544.5
2021	72.8	R 924.3	R 278.9	85.4	146.5	499.4	1.0	R 180.5	R 1,191.6	(s)	R 10.6	75.3	2.0	R 4.4	463.0	R 2,733.0	R 899.7	R 3,632.8
2022	69.9	1,000.9	279.9	77.8	154.2	495.8	1.0	183.0	1,191.7	0.0	12.1	78.5	2.0	5.5	463.6	2,813.0	858.2	3,671.1

<sup>a</sup> Includes supplemental gaseous fuels that are commingled with natural gas.<sup>b</sup> 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.<sup>c</sup> Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.<sup>d</sup> 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."<sup>e</sup> Beginning in 1993, includes fuel ethanol blended into motor gasoline.<sup>f</sup> Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.<sup>g</sup> Conventional hydroelectric power. For 1960 through 1989, includes hydroelectric pumped-storage, which cannot be separately identified.<sup>h</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>i</sup> Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.<sup>j</sup> Losses and co-products from the production of biodiesel and fuel ethanol.<sup>k</sup> Solar thermal and photovoltaic energy.<sup>l</sup> Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.<sup>m</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 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. Beginning in 2021, adjusted for the double-counting of biofuels product supplied.<sup>n</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: · 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/>