

ILLINOIS
Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2021, Illinois
 (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 Biofuels ^a	Motor Gasoline including Fuel Ethanol ^a
			Distillate Fuel Oil excluding Biofuels ^a	HGL ^b	Jet Fuel ^c	Motor Gasoline excluding Fuel Ethanol ^a	Residual Fuel Oil	Other ^d	Total					
1960	914.6	536.1	248.1	57.0	24.4	409.9	166.8	195.8	1,102.0	2,552.7	536.1	248.1	409.9	
1965	1,014.5	778.7	238.9	71.4	68.8	466.3	145.2	226.3	1,216.9	3,010.1	778.7	238.9	466.3	
1970	920.3	1,203.2	259.2	106.0	128.2	562.5	175.7	255.6	1,487.2	3,610.7	1,203.2	259.2	562.5	
1971	843.8	1,260.0	288.4	107.7	136.0	568.9	150.3	240.1	1,491.3	3,595.2	1,260.0	288.4	568.9	
1972	852.2	1,237.5	314.2	121.9	157.6	598.1	188.7	261.9	1,642.4	3,732.1	1,237.5	314.2	598.1	
1973	884.6	1,176.7	308.6	125.9	164.8	625.3	188.8	293.9	1,707.4	3,768.7	1,176.7	308.6	625.3	
1974	874.9	1,175.8	306.9	129.4	142.5	608.4	185.1	271.1	1,643.5	3,694.3	1,175.8	306.9	608.4	
1975	845.6	1,123.6	298.5	127.6	140.2	623.2	176.9	255.1	1,621.6	3,590.8	1,123.6	298.5	623.2	
1976	862.2	1,204.6	333.6	143.9	144.5	644.6	156.3	248.2	1,671.1	3,737.9	1,204.6	333.6	644.6	
1977	860.6	1,199.8	332.1	141.0	153.6	655.3	172.1	257.6	1,711.7	3,772.1	1,199.8	332.1	655.3	
1978	841.6	1,196.4	345.3	140.6	153.7	685.7	186.3	268.5	1,780.0	3,818.0	1,196.4	345.3	685.7	
1979	845.4	1,170.6	283.5	185.1	137.8	625.7	183.4	263.8	1,679.3	3,695.4	1,170.6	283.5	625.7	
1980	844.5	1,076.2	213.8	138.4	111.3	572.9	177.7	233.7	1,447.9	3,368.5	1,113.7	213.8	572.9	
1981	796.6	1,053.1	201.0	120.6	95.8	563.6	130.7	152.3	1,264.1	3,113.8	1,053.1	201.0	563.6	
1982	778.5	996.6	189.7	94.5	94.2	552.5	97.2	139.2	1,167.3	2,942.4	1,016.1	189.7	552.5	
1983	848.2	956.3	202.6	95.0	90.2	561.8	86.1	161.5	1,197.3	3,001.8	976.8	202.6	561.8	
1984	833.2	1,056.1	217.1	91.0	15.0	552.0	61.9	161.2	1,098.2	2,987.5	1,074.1	217.1	552.0	
1985	811.1	979.9	189.8	94.9	15.4	583.7	40.9	164.3	1,088.9	2,880.0	1,000.5	189.8	583.7	
1986	804.2	920.2	206.4	114.6	11.5	570.7	52.3	155.9	1,111.4	2,835.8	943.7	206.4	570.7	
1987	783.2	873.8	207.4	148.5	11.1	580.5	43.8	168.4	1,159.7	2,816.8	886.5	207.4	580.5	
1988	745.2	972.8	200.2	160.1	22.2	609.6	37.1	178.0	1,207.2	2,925.2	982.8	200.2	609.6	
1989	721.0	1,007.7	207.1	45.2	25.3	607.0	25.3	194.7	1,104.6	2,833.3	1,017.4	207.1	607.0	
1990	748.2	951.9	251.8	44.6	22.3	556.5	22.6	203.2	1,101.0	2,801.0	960.2	251.8	556.5	
1991	757.6	999.5	209.1	51.9	36.3	548.3	21.7	185.0	1,052.3	2,809.4	1,006.5	209.1	548.3	
1992	698.6	1,003.3	207.5	44.9	41.8	558.4	14.8	211.1	1,078.5	2,780.4	1,011.5	207.5	558.4	
1993	812.8	1,043.1	218.7	76.1	51.9	557.4	14.3	184.4	1,102.8	2,958.8	1,053.1	218.7	557.4	
1994	825.4	1,038.6	184.9	87.8	54.4	562.2	17.0	202.4	1,108.7	2,972.7	1,046.6	184.9	580.1	
1995	826.7	1,093.3	205.5	91.2	58.7	563.7	9.2	192.9	1,121.3	3,041.2	1,099.7	205.5	578.7	
1996	919.9	1,136.5	215.4	88.9	68.5	570.4	12.5	214.2	1,169.9	3,226.3	1,140.5	215.4	581.3	
1997	974.9	1,095.6	218.2	88.0	70.9	574.1	9.0	209.6	1,169.7	3,240.2	1,099.8	218.2	589.9	
1998	949.0	975.5	235.8	56.6	74.6	572.9	6.6	218.0	1,164.5	3,089.1	978.3	235.8	591.6	
1999	958.8	1,011.9	252.3	80.9	103.4	598.1	3.4	234.8	1,273.0	3,243.7	1,026.4	252.3	618.0	
2000	1,016.6	1,040.3	249.9	71.6	128.7	600.1	7.2	202.1	1,259.6	3,316.4	1,053.3	249.9	624.0	
2001	983.7	958.4	245.5	64.9	105.8	602.7	20.0	191.5	1,230.3	3,172.5	970.6	245.5	630.0	
2002	986.8	1,051.2	231.6	72.0	77.0	612.5	2.5	200.6	1,196.0	3,234.1	1,063.5	231.6	637.7	
2003	1,010.1	1,001.5	280.1	55.6	75.8	605.2	14.0	207.5	1,238.3	3,249.9	1,013.5	280.1	637.9	
2004	1,069.5	956.0	272.0	62.5	122.2	620.6	9.5	198.4	1,285.1	3,310.7	966.6	272.0	654.5	
2005	1,047.5	972.7	279.8	72.1	224.1	616.9	3.3	207.2	1,403.4	3,423.7	984.2	279.8	647.2	
2006	1,045.4	896.1	285.2	73.5	162.0	620.2	1.6	197.9	1,340.5	3,282.0	908.3	285.2	650.2	
2007	1,091.4	968.7	285.1	74.4	167.7	605.0	0.8	191.0	1,324.1	3,384.1	980.1	285.1	639.0	
2008	1,103.2	1,003.2	276.7	75.5	158.7	569.9	1.2	192.2	1,274.3	3,380.6	1,014.5	276.7	611.6	
2009	1,015.0	956.6	R 249.4	73.7	141.6	561.9	0.2	169.7	R 1,196.6	R 3,168.1	968.5	251.9	600.8	
2010	1,069.0	962.2	R 250.2	77.6	159.5	551.1	0.2	166.3	R 1,204.9	R 3,236.2	974.4	251.8	591.5	
2011	1,052.2	986.3	R 264.7	73.6	158.8	525.9	0.2	159.8	R 1,183.0	R 3,221.5	997.7	268.9	564.5	
2012	969.3	939.0	R 247.9	69.8	150.7	516.2	0.2	155.6	R 1,140.4	R 3,048.7	950.7	252.1	554.6	
2013	1,026.9	1,063.5	R 259.1	71.8	154.3	518.3	0.5	165.2	R 1,169.1	R 3,259.5	1,073.7	267.0	557.7	
2014	1,017.9	1,108.1	R 277.1	77.4	160.2	519.3	0.1	163.0	R 1,197.1	R 3,323.1	1,119.1	285.1	558.8	
2015	850.4	1,011.4	R 304.6	71.1	172.0	531.2	0.1	166.1	R 1,245.1	R 3,106.9	1,022.4	314.0	570.7	
2016	702.5	1,045.0	R 284.8	69.2	175.8	544.2	0.6	172.9	R 1,247.5	R 2,995.0	1,055.9	296.8	584.5	
2017	685.0	1,034.6	R 292.7	70.5	176.8	540.2	1.3	R 170.0	R 1,251.5	R 2,971.1	1,047.3	304.3	580.7	
2018	704.6	1,127.4	R 302.3	75.7	174.0	536.0	0.9	165.3	R 1,254.1	R 3,086.1	1,140.7	312.8	575.7	
2019	591.9	1,180.4	R 285.4	86.6	R 177.6	518.5	0.7	170.5	R 1,239.3	R 3,011.7	1,192.0	294.7	557.7	
2020	391.1	R 1,158.6	R 270.1	85.0	R 104.8	428.7	0.4	R 167.5	R 1,056.4	R 2,606.2	R 1,171.9	279.6	461.7	
2021	521.6	1,082.5	276.2	85.4	146.5	463.4	1.0	179.9	1,140.3	2,744.4	1,095.6	280.3	499.4	

^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>.

Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. <http://www.eia.gov/state/seds/>

Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2021, Illinois (Continued)
(Trillion Btu)

Year	Nuclear Electric Power	Hydro-electric Power ^{e,f}	Renewable Energy											Net Interstate Flow of Electricity ^k	Electricity Net Imports ^l	Total ^f
			Biomass							Geo-thermal ^f	Solar ^{f,j}	Wind	Total ^f			
			Wood and Waste ^g	Fuel Ethanol ^h	Biodiesel	Renewable Diesel	Losses and Co-products ⁱ	Total ^f								
1960	3.0	2.0	31.0	NA	NA	NA	NA	31.0	0.0	NA	NA	33.0	-64.7	0.0	2,524.0	
1965	11.4	1.8	33.2	NA	NA	NA	NA	33.2	0.0	NA	NA	35.0	-30.0	0.0	3,026.5	
1970	27.6	1.7	39.3	NA	NA	NA	NA	39.3	0.0	NA	NA	41.1	17.4	0.0	3,696.7	
1971	47.4	1.4	39.2	NA	NA	NA	NA	39.2	0.0	NA	NA	40.6	39.5	0.0	3,722.8	
1972	141.0	1.6	39.9	NA	NA	NA	NA	39.9	0.0	NA	NA	41.5	15.1	0.0	3,929.7	
1973	218.6	1.3	42.5	NA	NA	NA	NA	42.5	0.0	NA	NA	43.9	-11.7	0.0	4,019.5	
1974	218.7	1.3	42.7	NA	NA	NA	NA	42.7	0.0	NA	NA	44.0	-0.4	0.0	3,956.5	
1975	245.8	1.3	41.6	NA	NA	NA	NA	41.6	0.0	NA	NA	42.9	-18.9	0.0	3,860.6	
1976	292.2	1.3	46.1	NA	NA	NA	NA	46.1	0.0	NA	NA	47.5	-58.3	0.0	4,019.4	
1977	307.4	1.4	50.0	NA	NA	NA	NA	50.0	0.0	NA	NA	51.3	-31.3	0.0	4,099.5	
1978	360.2	1.3	61.6	NA	NA	NA	NA	61.6	0.0	NA	NA	62.9	-41.7	0.0	4,199.4	
1979	298.8	1.3	63.3	NA	NA	NA	NA	63.3	0.0	NA	NA	64.6	-9.4	0.0	4,049.4	
1980	302.6	1.4	90.9	NA	NA	NA	NA	90.9	0.0	NA	NA	92.4	4.8	0.0	3,768.3	
1981	325.2	1.4	95.6	0.5	NA	NA	2.9	98.9	0.0	NA	NA	100.3	7.9	0.0	3,547.2	
1982	305.9	1.3	95.6	2.1	NA	NA	9.5	107.1	0.0	NA	NA	108.4	37.3	0.0	3,394.0	
1983	305.6	1.4	105.3	1.9	NA	NA	17.7	125.0	0.0	NA	0.0	126.4	38.9	0.0	3,472.7	
1984	379.2	1.5	97.8	4.4	NA	NA	21.1	123.3	0.0	0.0	0.0	124.7	10.5	0.0	3,502.0	
1985	415.4	1.4	99.2	7.1	NA	NA	22.5	128.8	0.0	0.0	0.0	130.3	8.7	0.0	3,434.3	
1986	450.8	1.5	106.4	9.7	NA	NA	23.7	139.8	0.0	0.0	0.0	141.3	-11.0	0.0	3,416.9	
1987	524.1	1.1	113.3	11.3	NA	NA	25.8	150.4	0.0	0.0	0.0	151.5	-20.4	0.0	3,472.0	
1988	733.3	0.7	121.7	11.9	NA	NA	25.8	159.3	0.0	0.0	0.0	160.0	-116.2	0.0	3,702.3	
1989	791.8	1.0	93.5	12.8	NA	NA	24.2	130.5	0.2	(s)	0.0	131.8	-137.7	0.0	3,619.2	
1990	760.7	1.5	69.6	11.4	NA	NA	20.2	101.2	0.3	0.1	0.0	103.0	-52.2	0.0	3,612.5	
1991	753.4	1.4	71.2	12.6	NA	NA	23.5	107.2	0.3	0.1	0.0	108.9	6.7	0.0	3,678.5	
1992	772.2	1.4	71.9	14.4	NA	NA	26.6	113.0	0.3	0.1	0.0	114.8	-16.8	0.0	3,650.6	
1993	823.2	1.3	53.3	14.3	NA	NA	28.8	96.4	0.3	0.1	0.0	98.2	-126.7	0.0	3,753.5	
1994	759.4	1.2	51.0	17.8	NA	NA	30.4	99.2	0.3	0.1	0.0	100.9	-59.2	0.0	3,773.7	
1995	824.6	1.3	52.2	15.0	NA	NA	29.0	96.1	0.3	0.1	0.0	97.9	-77.1	0.0	3,886.6	
1996	732.8	1.1	59.3	10.9	NA	NA	11.8	81.9	0.4	0.1	0.0	83.5	-72.5	0.0	3,970.2	
1997	535.9	1.0	53.2	15.8	NA	NA	20.7	89.7	0.4	0.1	0.0	91.2	77.1	0.0	3,944.4	
1998	583.3	1.4	46.6	18.7	NA	NA	24.2	89.5	0.4	0.2	0.0	91.5	92.8	0.0	3,856.6	
1999	854.2	1.5	49.5	19.9	NA	NA	22.3	91.7	0.4	0.2	0.0	93.8	-167.8	0.0	4,024.0	
2000	932.7	1.5	44.9	24.0	NA	NA	26.7	95.6	0.4	0.2	0.0	97.7	-317.7	0.0	4,029.2	
2001	964.5	1.5	42.0	27.3	0.2	NA	29.1	98.7	0.5	0.2	0.0	100.9	-332.4	0.0	3,905.5	
2002	948.8	1.3	44.1	25.2	0.4	NA	39.7	109.4	0.5	0.3	0.0	111.6	-374.0	-0.4	3,920.0	
2003	987.3	1.4	44.4	32.7	0.3	NA	47.0	124.4	0.7	0.4	0.2	127.1	-418.2	-0.5	3,945.6	
2004	959.9	1.5	44.7	33.8	0.6	NA	43.9	123.0	0.7	0.5	0.8	126.6	-403.6	-0.1	3,993.4	
2005	973.3	1.3	31.5	30.3	2.0	NA	41.7	105.6	0.8	0.7	1.4	109.8	-366.0	-0.1	4,140.7	
2006	982.5	1.7	25.3	30.0	5.9	NA	42.3	103.4	1.0	0.8	2.5	109.5	-382.1	(s)	3,991.8	
2007	1,004.1	1.5	27.5	34.0	8.0	NA	51.2	120.7	1.2	1.0	6.6	130.9	-438.0	0.2	4,081.3	
2008	994.5	1.4	29.2	41.7	6.8	NA	56.1	133.8	1.4	1.1	23.0	160.7	-452.0	0.1	4,084.0	
2009	998.6	1.3	37.8	38.8	7.3	NA	70.5	154.5	1.7	1.1	27.5	186.2	-488.8	(s)	R 3,864.0	
2010	1,005.4	1.2	40.5	40.4	5.9	NA	81.7	168.5	2.0	1.3	43.4	216.4	-472.5	(s)	R 3,985.4	
2011	1,002.7	1.4	29.5	38.6	20.0	0.0	80.9	169.0	1.9	1.3	60.4	233.9	-477.1	(s)	R 3,981.1	
2012	1,010.2	1.1	26.5	38.4	18.7	0.0	80.5	164.2	2.0	1.6	73.5	242.4	-445.1	(s)	R 3,856.2	
2013	1,014.9	1.1	30.6	39.4	19.9	0.0	82.1	171.9	2.0	1.8	91.8	268.8	-524.0	0.0	R 4,019.3	
2014	1,023.5	1.3	31.3	39.5	21.2	0.0	85.1	177.0	2.0	1.9	95.9	278.1	-526.0	0.0	R 4,098.7	
2015	1,017.4	1.2	19.4	39.4	23.4	0.0	83.1	165.3	2.0	1.9	R 100.1	270.6	R -460.5	0.0	R 3,934.3	
2016	1,031.3	1.2	18.6	40.3	22.1	0.0	91.8	172.8	2.0	2.0	98.4	R 276.5	R -366.9	0.0	R 3,936.0	
2017	1,016.5	1.2	16.9	40.4	22.7	0.0	88.2	168.2	2.0	2.3	113.0	R 286.6	R -372.4	(s)	R 3,901.8	
2018	1,025.7	1.3	19.0	39.8	23.3	0.0	81.3	163.3	2.0	2.7	R 108.3	R 277.7	R -358.2	0.1	R 4,031.3	
2019	1,031.0	1.1	19.1	39.2	21.9	0.0	78.3	158.6	2.0	3.5	R 128.7	R 293.9	R -370.9	0.0	R 3,965.7	
2020	R 1,047.2	1.2	17.5	33.0	20.8	0.0	74.8	146.1	2.0	5.7	R 142.3	R 297.3	R -320.0	0.0	R 3,630.7	
2021	1,013.2	1.1	17.0	35.9	20.8	0.0	75.3	149.1	2.0	14.0	169.2	335.5	-369.4	0.0	3,723.6	

^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 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>.

Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. <http://www.eia.gov/state/seds/>