

**Table CO2.T1. Total CO2 emissions estimates from energy consumption by source, 1960-2023, Illinois**  
(million metric tons of carbon dioxide (CO2))

Year	Coal	Natural gas <sup>a</sup>	Petroleum <sup>b</sup>	Total
1960	86.7	28.1	74.0	188.8
1965	96.0	40.9	80.6	217.5
1970	87.1	63.1	97.2	247.4
1975	80.1	59.0	106.7	245.7
1980	80.1	56.5	94.4	230.9
1985	76.9	51.5	69.9	198.3
1990	70.9	50.0	72.4	193.4
1995	78.3	57.4	72.0	207.7
1996	87.2	59.7	75.3	222.2
1997	92.4	57.5	75.6	225.5
1998	90.0	51.1	75.9	217.0
1999	91.0	53.1	82.1	226.3
2000	96.6	54.7	83.1	234.3
2001	93.5	50.3	80.7	224.6
2002	94.0	55.3	77.5	226.8
2003	96.3	52.8	81.7	230.9
2004	102.0	50.4	84.8	237.2
2005	100.0	51.3	92.6	243.8
2006	99.7	47.2	89.0	235.9
2007	104.0	51.0	88.4	243.4
2008	105.2	52.8	83.7	241.7
2009	96.8	50.4	78.6	225.9
2010	102.0	50.7	79.6	232.3
2011	100.3	52.0	78.1	230.3
2012	92.4	49.4	75.5	217.4
2013	97.9	56.0	78.2	232.0
2014	97.0	58.3	79.7	235.0
2015	81.2	52.9	82.9	217.0
2016	67.0	54.7	83.6	205.3
2017	65.4	54.2	84.2	203.7
2018	67.3	59.1	84.4	210.8
2019	56.5	61.9	83.1	201.4
2020	37.4	60.7	69.9	168.0
2021	50.0	57.0	76.2	183.1
2022	47.5	59.4	76.6	183.5
2023	32.7	57.7	76.3	166.6

<sup>a</sup> Excludes supplemental gaseous fuels.

<sup>b</sup> Excludes biofuels.

— = No consumption. Where shown, R = Revised data and (s) = Value less than 0.05.

Notes: • Data are carbon dioxide (CO2) emissions estimates from fossil fuels primary energy consumption for all sectors, excluding renewable energy. The state data do not account for interstate flow of electricity and represent CO2 emissions in the state where fossil fuels are burned to generate electricity, although the electricity might be sold to ultimate customers in other states and 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: Table by the U.S. Energy Information Administration, State Energy Data System. See technical notes. <http://www.eia.gov/state/seds/>

**Table CO2.T2. Residential sector CO2 emissions estimates from energy consumption, 1960-2023, Illinois**  
(million metric tons of carbon dioxide (CO2))

Year	Coal <sup>a</sup>	Natural gas <sup>b</sup>	Petroleum <sup>c</sup>	Total
1960	8.7	12.7	8.7	30.1
1965	5.2	18.7	8.2	32.0
1970	2.7	23.9	7.8	34.4
1975	0.5	26.0	8.1	34.6
1980	0.1	25.0	2.6	27.7
1985	0.1	24.1	2.1	26.3
1990	0.1	23.7	1.4	25.3
1995	0.1	26.9	1.3	28.3
1996	(s)	29.0	1.6	30.7
1997	0.1	26.8	1.6	28.5
1998	0.1	22.1	1.3	23.5
1999	(s)	23.8	2.0	25.8
2000	0.1	25.0	1.5	26.6
2001	0.1	22.8	1.2	24.0
2002	(s)	24.4	1.5	25.9
2003	0.1	25.2	1.3	26.5
2004	0.1	23.6	1.2	24.8
2005	(s)	23.3	1.2	24.5
2006	(s)	21.2	1.2	22.4
2007	(s)	23.0	1.4	24.4
2008	—	24.8	1.8	26.6
2009	—	23.3	1.6	25.0
2010	—	22.0	1.7	23.7
2011	—	22.2	1.5	23.6
2012	—	19.1	1.2	20.3
2013	—	24.1	1.6	25.8
2014	—	25.7	1.4	27.1
2015	—	21.6	1.2	22.8
2016	—	20.9	1.2	22.1
2017	—	20.3	1.2	21.5
2018	—	23.6	1.4	25.0
2019	—	23.7	1.8	25.5
2020	—	21.5	1.7	23.2
2021	—	21.0	1.8	22.7
2022	—	23.1	1.6	24.7
2023	—	19.8	1.8	21.6

<sup>a</sup> Beginning in 2008, consumption data not collected and assumed to be zero.

<sup>b</sup> Excludes supplemental gaseous fuels.

<sup>c</sup> Excludes biofuels.

— = No consumption. Where shown, R = Revised data and (s) = Value less than 0.05.

Notes: • Data are carbon dioxide (CO2) emissions estimates from fossil fuels primary energy consumption, excluding renewable energy. The state data do not account for interstate flow of electricity and represent CO2 emissions in the state where fossil fuels are burned to generate

electricity, although the electricity might be sold to ultimate customers in other states and 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: Table by the U.S. Energy Information Administration, State Energy Data System. See technical notes. <https://www.eia.gov/state/seds/>

**Table CO2.T3. Commercial sector CO2 emissions estimates from energy consumption, 1960-2023, Illinois**  
(million metric tons of carbon dioxide (CO2))

Year	Coal	Natural gas <sup>a</sup>	Petroleum <sup>b</sup>	Total
1960	6.0	2.6	6.4	15.0
1965	3.9	7.0	5.8	16.7
1970	2.1	10.5	5.8	18.5
1975	1.2	11.7	4.7	17.6
1980	0.3	11.9	2.7	15.0
1985	0.4	11.5	2.3	14.3
1990	0.5	10.8	1.2	12.4
1995	0.4	11.0	1.1	12.5
1996	0.4	11.7	1.2	13.3
1997	0.6	10.9	1.4	12.9
1998	0.4	9.4	1.1	11.0
1999	0.3	10.1	1.0	11.4
2000	0.4	10.8	1.0	12.3
2001	0.4	10.1	1.1	11.6
2002	0.3	10.9	1.1	12.3
2003	0.5	11.3	1.0	12.8
2004	0.5	10.9	0.8	12.1
2005	0.3	10.7	0.7	11.7
2006	0.3	10.4	0.8	11.5
2007	0.3	10.8	0.6	11.7
2008	0.4	11.8	0.8	13.1
2009	0.4	11.8	0.9	13.1
2010	0.4	10.5	0.7	11.5
2011	0.3	11.4	0.6	12.4
2012	0.3	10.0	0.6	10.9
2013	0.3	12.3	0.9	13.5
2014	0.3	13.2	0.8	14.3
2015	0.2	11.6	1.5	13.3
2016	0.2	11.5	1.5	13.2
2017	0.2	11.6	1.6	13.4
2018	0.2	13.0	1.5	14.8
2019	0.2	13.4	1.7	15.2
2020	0.2	11.7	1.6	13.5
2021	0.2	12.0	1.8	14.0
2022	0.2	13.3	1.9	15.4
2023	0.1	11.9	1.5	13.6

<sup>a</sup> Excludes supplemental gaseous fuels.

<sup>b</sup> Excludes biofuels.

— = No consumption. Where shown, R = Revised data and (s) = Value less than 0.05.

Notes: • Data are carbon dioxide (CO2) emissions estimates from fossil fuels primary energy consumption, excluding renewable energy. The state data do not account for interstate flow of electricity and represent CO2 emissions in the state where fossil fuels are burned to generate electricity, although the electricity might be sold to ultimate customers in other states and sectors.

• 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>.

Data source: Table by the U.S. Energy Information Administration, State Energy Data System. See technical notes. <https://www.eia.gov/state/seds/>

**Table CO2.T4. Industrial sector CO2 emissions estimates from energy consumption, 1960-2023, Illinois**  
(million metric tons of carbon dioxide (CO2))

Year	Coal	Natural gas <sup>a</sup>	Petroleum <sup>b</sup>	Total
1960	31.8	9.9	24.4	66.1
1965	35.8	12.6	25.4	73.7
1970	24.3	20.0	26.9	71.2
1975	16.1	18.5	27.2	61.8
1980	11.9	17.7	25.5	55.1
1985	13.2	14.9	13.5	41.7
1990	14.1	14.4	14.5	43.0
1995	13.5	16.7	14.1	44.3
1996	14.0	16.7	15.0	45.8
1997	14.5	16.5	15.2	46.3
1998	14.3	15.8	14.5	44.6
1999	13.9	15.8	14.3	44.0
2000	12.7	15.6	13.5	41.8
2001	10.4	14.3	13.1	37.8
2002	9.0	14.9	13.0	36.9
2003	9.1	14.1	13.0	36.2
2004	8.7	13.7	13.5	35.9
2005	8.7	13.5	14.3	36.5
2006	9.0	12.8	14.5	36.2
2007	9.4	13.2	14.1	36.6
2008	9.0	13.7	13.2	35.8
2009	7.0	12.1	11.0	30.2
2010	9.0	14.7	12.0	35.7
2011	10.4	14.6	12.1	37.1
2012	10.6	14.3	12.3	37.3
2013	10.4	15.3	13.4	39.1
2014	10.3	15.4	13.7	39.4
2015	8.2	13.8	13.5	35.4
2016	7.6	13.2	14.2	35.0
2017	7.7	13.4	14.3	35.4
2018	7.6	13.6	14.4	35.5
2019	7.5	14.0	14.7	36.2
2020	7.3	13.8	14.4	35.5
2021	6.7	13.7	14.2	34.6
2022	6.4	14.2	14.5	35.1
2023	5.8	14.0	14.1	33.9

<sup>a</sup> Excludes supplemental gaseous fuels.

<sup>b</sup> Excludes biofuels.

— = No consumption. Where shown, R = Revised data and (s) = Value less than 0.05.

Notes: • Data are carbon dioxide (CO2) emissions estimates from fossil fuels primary energy consumption, excluding renewable energy. The state data do not account for interstate flow of electricity and represent CO2 emissions in the state where fossil fuels are burned to generate electricity, although the electricity might be sold to ultimate customers in other states and sectors.

• 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 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: Table by the U.S. Energy Information Administration, State Energy Data System. See technical notes. <https://www.eia.gov/state/seds/>

**Table CO2.T5. Transportation sector CO2 emissions estimates from energy consumption, 1960-2023, Illinois**  
(million metric tons of carbon dioxide (CO2))

Year	Coal <sup>a</sup>	Natural gas <sup>b</sup>	Petroleum <sup>c</sup>	Total
1960	0.5	0.6	34.4	35.4
1965	0.1	0.7	41.1	42.0
1970	(s)	1.5	54.0	55.5
1975	(s)	0.8	61.7	62.5
1980	—	0.8	57.2	58.0
1985	—	0.6	50.6	51.2
1990	—	0.7	54.3	54.9
1995	—	0.7	54.5	55.3
1996	—	0.8	56.6	57.3
1997	—	0.8	56.9	57.7
1998	—	0.7	58.1	58.8
1999	—	0.6	64.4	65.0
2000	—	0.7	66.5	67.2
2001	—	0.6	64.0	64.6
2002	—	0.7	61.7	62.5
2003	—	0.6	65.4	66.0
2004	—	0.6	68.6	69.2
2005	—	0.6	76.0	76.6
2006	—	0.6	72.4	73.0
2007	—	0.6	72.2	72.8
2008	—	0.7	67.7	68.4
2009	—	1.3	65.0	66.3
2010	—	1.1	65.2	66.3
2011	—	1.2	63.8	65.0
2012	—	1.3	61.3	62.7
2013	—	1.5	62.3	63.7
2014	—	1.7	63.7	65.4
2015	—	1.5	66.6	68.0
2016	—	1.3	66.7	68.0
2017	—	1.2	67.1	68.4
2018	—	1.4	67.0	68.4
2019	—	1.6	64.9	66.4
2020	—	1.1	52.2	53.3
2021	—	1.0	58.4	59.4
2022	—	1.0	58.6	59.6
2023	—	0.9	58.8	59.8

<sup>a</sup> Beginning in 1978, consumption data not collected and assumed to be zero.

<sup>b</sup> Transportation use of natural gas to operate pipelines and as vehicle fuel. Excludes supplemental gaseous fuels.

<sup>c</sup> Excludes biofuels.

— = No consumption. Where shown, R = Revised data and (s) = Value less than 0.05.

Notes: • Data are carbon dioxide (CO2) emissions estimates from fossil fuels primary energy consumption, excluding renewable energy. The state data do not account for interstate flow of electricity and represent CO2 emissions in the state where fossil fuels are burned to generate

electricity, although the electricity might be sold to ultimate customers in other states and 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: Table by the U.S. Energy Information Administration, State Energy Data System. See technical notes. <https://www.eia.gov/state/seds/>

**Table CO2.T6. Electric power sector CO2 emissions estimates from energy consumption, 1960-2023, Illinois**  
(million metric tons of carbon dioxide (CO2))

Year	Coal	Natural gas <sup>a</sup>	Petroleum <sup>b</sup>	Total
1960	39.7	2.3	0.2	42.1
1965	51.1	1.9	0.1	53.1
1970	57.9	7.2	2.7	67.8
1975	62.3	1.9	5.1	69.3
1980	67.8	1.0	6.4	75.2
1985	63.0	0.3	1.4	64.8
1990	56.2	0.5	1.0	57.7
1995	64.3	2.1	0.9	67.4
1996	72.8	1.4	0.9	75.1
1997	77.2	2.4	0.5	80.1
1998	75.2	3.0	0.8	79.1
1999	76.8	2.9	0.4	80.0
2000	83.4	2.5	0.5	86.4
2001	82.6	2.5	1.4	86.5
2002	84.6	4.3	0.2	89.1
2003	86.6	1.7	1.0	89.4
2004	92.8	1.6	0.7	95.2
2005	91.0	3.1	0.3	94.4
2006	90.4	2.3	0.1	92.8
2007	94.3	3.4	0.1	97.8
2008	95.8	1.8	0.1	97.8
2009	89.5	1.8	0.1	91.3
2010	92.6	2.4	0.1	95.1
2011	89.6	2.5	0.1	92.2
2012	81.5	4.7	0.1	86.3
2013	87.2	2.8	0.1	90.0
2014	86.5	2.3	0.1	88.8
2015	72.8	4.5	(s)	77.3
2016	59.2	7.8	0.1	67.1
2017	57.4	7.6	(s)	65.1
2018	59.5	7.5	(s)	67.0
2019	48.8	9.2	(s)	58.1
2020	29.9	12.5	(s)	42.4
2021	43.1	9.3	(s)	52.4
2022	40.9	7.8	(s)	48.8
2023	26.8	11.0	(s)	37.8

<sup>a</sup> Excludes supplemental gaseous fuels.

<sup>b</sup> Excludes biofuels.

— = No consumption. Where shown, R = Revised data and (s) = Value less than 0.05.

Notes: • Data are carbon dioxide (CO2) emissions estimates from fossil fuels primary energy consumption, excluding renewable energy. The state data do not account for interstate flow of electricity and represent CO2 emissions in the state where fossil fuels are burned to generate electricity, although the electricity might be sold to ultimate customers in other states and sectors.

• 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. • 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: Table by the U.S. Energy Information Administration, State Energy Data System. See technical notes. <https://www.eia.gov/state/seds/>