

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

Year	Coal	Natural gas ^a	Petroleum ^b	Total
1960	24.4	0.3	0.2	24.9
1965	38.0	0.2	0.2	38.4
1970	46.3	3.5	2.5	52.3
1975	47.1	2.5	7.3	56.9
1980	50.6	1.0	4.9	56.5
1985	57.6	0.2	0.5	58.4
1990	63.1	3.6	0.7	67.4
1995	63.8	5.4	0.7	69.9
1996	64.8	6.3	0.7	71.9
1997	64.7	6.5	0.6	71.8
1998	69.0	6.8	1.0	76.8
1999	67.8	6.9	1.3	76.0
2000	66.2	6.6	1.0	73.7
2001	65.8	7.0	0.7	73.5
2002	63.1	7.8	1.0	71.9
2003	64.3	5.5	0.8	70.7
2004	66.1	7.2	0.7	74.0
2005	68.7	7.0	0.8	76.5
2006	66.2	5.9	0.4	72.4
2007	68.8	6.7	0.5	76.0
2008	68.0	5.0	0.4	73.4
2009	65.2	4.5	0.3	70.0
2010	64.7	6.1	0.3	71.1
2011	59.3	6.1	0.3	65.6
2012	53.5	9.8	0.2	63.5
2013	56.2	6.0	0.5	62.7
2014	52.9	6.1	1.2	60.2
2015	53.1	9.0	1.0	63.0
2016	41.3	13.3	0.9	55.5
2017	42.6	11.7	1.4	55.8
2018	43.3	14.1	1.6	59.0
2019	38.0	15.4	1.1	54.6
2020	29.0	16.8	1.1	47.0
2021	37.4	14.0	1.4	52.9
2022	36.1	17.9	2.1	56.0
2023	22.9	22.9	1.6	47.5

^a Excludes supplemental gaseous fuels.

^b 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/>