

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

Year	Coal	Natural gas ^a	Petroleum ^b	Total
1960	16.3	0.1	(s)	16.4
1965	26.6	(s)	(s)	26.6
1970	38.9	0.5	0.1	39.4
1975	45.7	(s)	0.1	45.8
1980	53.1	0.1	0.1	53.3
1985	58.7	0.1	0.1	58.8
1990	67.8	(s)	0.1	67.9
1995	79.1	(s)	0.1	79.2
1996	81.3	0.1	0.1	81.5
1997	84.2	0.1	0.1	84.5
1998	83.9	0.3	0.6	84.8
1999	87.1	0.3	0.1	87.5
2000	88.9	0.2	0.1	89.2
2001	90.0	0.2	0.1	90.3
2002	84.9	0.7	4.4	90.0
2003	84.4	0.2	3.7	88.3
2004	85.6	0.3	4.3	90.1
2005	88.1	0.9	4.3	93.3
2006	91.5	0.7	3.9	96.1
2007	91.0	1.1	3.2	95.3
2008	92.2	0.5	3.3	96.0
2009	85.2	0.5	2.3	88.0
2010	91.5	1.0	2.5	95.1
2011	91.9	0.8	1.9	94.6
2012	84.1	1.7	1.7	87.4
2013	84.7	0.8	1.6	87.0
2014	84.6	1.5	1.3	87.4
2015	73.6	2.8	1.2	77.6
2016	68.4	3.6	1.4	73.4
2017	59.0	4.5	0.6	64.1
2018	60.8	6.2	0.1	67.1
2019	53.2	6.2	0.1	59.5
2020	44.7	5.7	0.1	50.5
2021	50.9	6.0	0.1	56.9
2022	48.1	7.5	0.1	55.7
2023	44.5	6.1	0.1	50.7

^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/>