

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

Year	Coal	Natural gas <sup>a</sup>	Petroleum <sup>b</sup>	Total
1960	40.3	0.3	1.5	42.1
1965	53.1	0.1	1.8	55.0
1970	64.7	0.5	12.3	77.5
1975	81.9	0.1	6.3	88.3
1980	97.7	0.2	9.3	107.1
1985	97.0	0.1	6.6	103.6
1990	100.3	0.7	4.7	105.7
1995	101.0	2.2	3.7	106.8
1996	106.5	1.4	3.9	111.8
1997	109.2	1.1	3.0	113.3
1998	110.3	1.6	4.1	116.1
1999	107.3	1.7	3.1	112.2
2000	115.3	1.1	3.4	119.8
2001	105.4	1.2	3.0	109.6
2002	112.2	2.7	2.5	117.4
2003	111.9	2.3	3.9	118.0
2004	113.2	4.2	3.6	121.0
2005	117.1	4.4	4.2	125.8
2006	118.6	5.5	0.8	125.0
2007	118.5	7.9	1.1	127.4
2008	113.5	7.7	0.8	122.0
2009	102.3	11.5	0.7	114.5
2010	107.0	13.4	0.5	120.9
2011	98.2	16.7	0.4	115.3
2012	86.4	21.6	0.3	108.3
2013	86.5	20.0	0.3	106.9
2014	77.7	21.4	0.5	99.7
2015	64.0	24.1	0.4	88.6
2016	54.9	27.5	0.3	82.6
2017	48.0	28.8	0.2	77.0
2018	44.8	29.5	0.6	74.9
2019	38.1	36.9	0.2	75.1
2020	24.5	45.5	0.1	70.1
2021	30.7	46.7	0.1	77.5
2022	25.7	48.4	0.2	74.3
2023	14.6	51.8	0.1	66.5

<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/>