

Table 1. State energy-related carbon dioxide emissions by year, unadjusted (2005–2016)

million metric tons of carbon dioxide

State	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Change (2005–2016)	
													Percent	Absolute
Alabama	143.3	145.8	147.4	139.6	120.1	132.8	129.9	123.2	120.9	123.2	120.1	115.1	-19.7%	-28.2
Alaska	48.2	45.9	44.2	39.6	38.0	38.9	38.8	38.2	36.2	35.3	36.2	34.9	-27.6%	-13.3
Arizona	96.7	99.9	101.9	102.3	93.4	95.3	93.4	91.4	95.2	93.2	91.0	87.0	-10.0%	-9.7
Arkansas	60.1	62.0	63.3	64.1	61.5	65.8	67.3	66.0	68.4	69.0	59.3	62.4	3.9%	2.3
California	383.8	392.2	397.4	381.5	368.1	362.8	348.6	353.1	356.0	352.9	360.8	361.4	-5.8%	-22.4
Colorado	95.2	96.2	98.8	96.9	92.7	95.3	91.6	90.5	91.1	91.7	90.4	89.0	-6.5%	-6.2
Connecticut	44.1	41.0	40.3	37.7	35.9	36.3	34.9	34.1	34.9	35.2	36.5	34.3	-22.2%	-9.8
Delaware	16.8	15.7	16.5	15.6	12.0	11.3	12.3	13.4	13.1	12.8	12.9	13.3	-20.7%	-3.5
District of Columbia	3.9	3.2	3.4	3.1	3.2	3.2	3.1	2.7	2.8	3.0	3.0	2.8	-29.6%	-1.2
Florida	260.7	259.1	256.8	238.6	224.3	242.3	229.2	222.9	222.0	227.7	232.2	230.1	-11.7%	-30.6
Georgia	184.3	181.8	184.5	171.9	162.1	171.6	156.3	136.2	134.6	139.6	137.0	136.2	-26.1%	-48.1
Hawaii	22.9	23.2	24.0	19.3	18.9	19.0	19.4	18.9	18.4	18.4	18.5	18.4	-19.5%	-4.5
Idaho	15.8	15.8	16.4	15.6	15.2	16.0	15.8	15.7	17.2	16.7	18.0	18.4	16.3%	2.6
Illinois	242.0	233.9	241.6	240.0	224.8	229.9	228.8	216.0	229.5	232.4	215.0	204.1	-15.7%	-37.9
Indiana	233.5	231.3	231.2	226.8	203.9	216.3	209.0	194.3	199.9	205.3	186.0	181.9	-22.1%	-51.7
Iowa	78.7	80.0	85.2	89.1	84.0	88.4	85.5	79.4	81.0	81.8	75.9	73.1	-7.0%	-5.5
Kansas	71.6	71.9	79.7	74.2	72.4	72.2	70.4	65.6	69.4	69.6	63.9	62.1	-13.3%	-9.5
Kentucky	149.6	152.0	152.5	150.1	139.8	149.1	148.0	136.7	136.2	137.6	128.2	123.9	-17.2%	-25.7
Louisiana	205.4	217.5	222.4	225.6	208.8	221.4	224.2	211.8	203.5	201.2	203.9	209.1	1.8%	3.7
Maine	23.1	21.3	21.0	19.1	18.4	18.1	17.6	15.8	16.6	16.7	16.9	16.5	-28.8%	-6.7
Maryland	82.0	77.2	77.5	73.8	70.5	69.1	64.4	59.9	59.2	61.4	59.5	57.6	-29.8%	-24.5
Massachusetts	84.5	76.5	79.9	76.7	70.3	71.8	68.1	61.7	65.6	63.8	65.6	64.2	-24.0%	-20.3
Michigan	190.5	179.3	181.4	175.0	164.0	164.8	159.6	152.8	161.6	161.5	161.7	151.8	-20.3%	-38.7
Minnesota	101.4	98.7	100.3	99.9	92.1	91.9	91.6	86.6	89.6	94.8	87.8	89.3	-12.0%	-12.1
Mississippi	63.9	65.9	68.0	64.6	60.5	65.3	60.5	62.3	60.6	63.9	65.2	68.9	7.9%	5.0
Missouri	141.2	139.4	138.5	135.2	129.5	133.6	134.2	126.4	132.0	131.6	122.4	117.7	-16.6%	-23.5
Montana	34.9	35.1	36.5	35.8	32.4	34.3	31.4	30.1	31.5	32.0	31.9	30.5	-12.7%	-4.4
Nebraska	43.7	44.3	44.6	46.6	47.3	49.8	52.3	50.5	53.5	52.2	50.7	48.6	11.1%	4.9
Nevada	49.9	41.5	41.7	40.9	39.4	37.6	33.9	34.5	36.4	37.2	35.3	36.7	-26.5%	-13.2
New Hampshire	21.3	19.4	19.2	18.7	17.1	16.6	16.2	14.6	14.3	15.0	15.2	13.8	-35.3%	-7.5
New Jersey	128.4	121.3	128.9	126.7	109.6	113.9	114.2	103.6	107.3	113.3	111.6	110.8	-13.7%	-17.6
New Mexico	59.0	59.6	58.8	56.2	57.1	53.0	55.5	53.4	53.0	50.0	50.1	48.4	-18.0%	-10.6
New York	209.4	190.9	197.6	187.8	172.0	173.8	164.1	160.4	162.1	169.8	167.7	163.7	-21.8%	-45.7
North Carolina	154.0	148.6	154.5	149.2	133.0	143.0	128.6	121.3	125.1	127.4	121.1	120.6	-21.7%	-33.5
North Dakota	52.3	50.6	52.4	52.7	51.2	52.1	53.6	55.9	56.6	58.6	57.2	54.3	3.9%	2.0
Ohio	270.7	263.6	267.3	259.9	235.1	246.8	235.1	215.2	229.5	231.4	212.7	206.3	-23.8%	-64.5
Oklahoma	106.3	109.6	108.9	111.6	105.8	105.5	107.2	104.4	103.3	104.5	100.7	96.9	-8.8%	-9.4

Table 1. State energy-related carbon dioxide emissions by year, unadjusted (2005–2016) (cont.)

million metric tons of carbon dioxide

State	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Change (2005–2016)	
													Percent	Absolute
Oregon	41.1	40.3	43.8	42.8	40.9	40.7	37.2	36.9	39.2	38.0	38.1	38.0	-7.6%	-3.1
Pennsylvania	278.7	272.9	275.7	267.6	242.5	254.4	247.2	236.4	246.3	245.9	229.8	217.4	-22.0%	-61.3
Rhode Island	11.2	10.5	11.1	10.7	11.3	11.0	11.1	10.5	10.2	10.7	10.9	9.8	-12.9%	-1.5
South Carolina	86.0	86.3	86.8	84.6	79.1	83.4	79.5	73.0	70.0	74.2	72.6	71.7	-16.6%	-14.3
South Dakota	13.3	13.4	13.9	15.0	14.8	15.1	14.6	15.0	15.5	15.5	14.3	15.0	12.8%	1.7
Tennessee	125.1	127.2	126.9	120.4	102.0	109.6	106.1	99.7	98.3	103.7	100.0	103.1	-17.6%	-22.1
Texas	601.6	611.3	608.6	574.9	541.1	576.2	595.2	590.1	620.0	618.0	618.6	653.8	8.7%	52.3
Utah	66.8	68.1	70.0	69.2	64.4	63.6	64.1	61.4	66.8	65.1	63.5	58.8	-12.0%	-8.0
Vermont	6.8	6.7	6.5	5.9	6.2	5.9	5.8	5.5	5.8	5.9	6.2	6.0	-12.6%	-0.9
Virginia	128.9	122.5	127.7	116.5	105.5	108.7	99.8	97.8	105.0	104.1	103.2	104.2	-19.2%	-24.7
Washington	75.8	73.4	78.9	75.5	73.4	73.4	68.5	68.3	73.1	71.5	73.4	78.9	4.1%	3.1
West Virginia	112.0	112.2	114.4	110.2	89.4	100.4	97.7	92.1	94.3	100.0	92.1	94.6	-15.6%	-17.4
Wisconsin	110.5	102.7	104.4	104.8	95.9	98.2	97.4	90.2	100.8	101.1	99.8	95.6	-13.5%	-14.9
Wyoming	63.0	63.9	66.2	66.7	63.5	65.0	63.8	66.1	68.2	65.3	63.4	60.7	-3.7%	-2.3
Total of states (unadjusted) ¹	5,893.6	5,822.3	5,919.1	5,726.3	5,313.8	5,514.3	5,382.5	5,162.6	5,301.5	5,350.3	5,207.4	5,161.0	-12.4%	-732.6
Adjustments to match United States	98.1	90.2	86.1	89.2	81.8	76.7	71.1	80.1	70.3	69.1	66.7	28.4		
United States	5,991.6	5,912.5	6,005.2	5,815.5	5,395.6	5,591.0	5,453.6	5,242.7	5,371.8	5,419.3	5,274.1	5,189.4	-13.4%	-802.2

Sources: U.S. Energy Information Administration (EIA), State Energy Data System and EIA calculations made for this table. United States national-level total, EIA *Monthly Energy Review*, September 2018 Section 12.

Note: The District of Columbia is included in the data tables, but not in the analysis as it is not a state.

¹State values in this table are unadjusted.

The adjustment factor is allocated to each state by the share of that state's emissions of the national total. See Table 2. for the adjusted state values.

See Appendix A. for details on the data series differences.