

Table 2. State energy-related carbon dioxide emissions by year, adjusted (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	145.7	148.0	149.6	141.8	121.9	134.6	131.6	125.1	122.5	124.8	121.7	115.7	-20.6%	-30.0
Alaska	49.0	46.6	44.9	40.3	38.6	39.5	39.3	38.8	36.7	35.8	36.7	35.1	-28.4%	-13.9
Arizona	98.3	101.5	103.4	103.8	94.8	96.6	94.6	92.8	96.5	94.4	92.1	87.5	-11.0%	-10.8
Arkansas	61.1	62.9	64.2	65.1	62.4	66.7	68.1	67.0	69.3	69.9	60.0	62.8	2.7%	1.7
California	390.1	398.3	403.1	387.4	373.8	367.8	353.2	358.6	360.7	357.5	365.4	363.3	-6.9%	-26.8
Colorado	96.8	97.7	100.3	98.4	94.2	96.6	92.8	91.9	92.4	92.9	91.6	89.5	-7.5%	-7.3
Connecticut	44.8	41.7	40.8	38.3	36.5	36.8	35.3	34.7	35.4	35.6	37.0	34.5	-23.0%	-10.3
Delaware	17.1	16.0	16.8	15.9	12.2	11.4	12.4	13.6	13.3	12.9	13.0	13.4	-21.5%	-3.7
District of Columbia	4.0	3.2	3.4	3.1	3.2	3.3	3.1	2.7	2.9	3.1	3.0	2.8	-30.2%	-1.2
Florida	265.0	263.2	260.6	242.3	227.7	245.7	232.2	226.3	225.0	230.7	235.2	231.3	-12.7%	-33.7
Georgia	187.4	184.6	187.1	174.5	164.6	174.0	158.4	138.3	136.4	141.4	138.8	137.0	-26.9%	-50.4
Hawaii	23.3	23.5	24.3	19.6	19.1	19.3	19.7	19.2	18.7	18.6	18.8	18.5	-20.4%	-4.8
Idaho	16.1	16.1	16.6	15.8	15.4	16.2	16.0	15.9	17.4	16.9	18.2	18.5	15.0%	2.4
Illinois	246.0	237.5	245.1	243.7	228.3	233.1	231.8	219.4	232.6	235.4	217.8	205.2	-16.6%	-40.8
Indiana	237.4	234.9	234.6	230.3	207.0	219.3	211.8	197.4	202.6	207.9	188.4	182.9	-23.0%	-54.5
Iowa	80.0	81.2	86.5	90.4	85.3	89.6	86.6	80.6	82.0	82.9	76.8	73.5	-8.0%	-6.4
Kansas	72.8	73.0	80.8	75.4	73.6	73.2	71.3	66.6	70.3	70.5	64.7	62.4	-14.2%	-10.4
Kentucky	152.1	154.4	154.7	152.4	141.9	151.2	150.0	138.8	138.0	139.3	129.8	124.6	-18.1%	-27.5
Louisiana	208.8	220.9	225.6	229.1	212.0	224.5	227.1	215.1	206.2	203.8	206.5	210.3	0.7%	1.5
Maine	23.5	21.6	21.3	19.4	18.7	18.3	17.8	16.1	16.8	16.9	17.1	16.6	-29.6%	-7.0
Maryland	83.4	78.4	78.7	74.9	71.6	70.1	65.3	60.8	59.9	62.2	60.2	57.9	-30.6%	-25.5
Massachusetts	85.9	77.7	81.0	77.9	71.4	72.8	68.9	62.7	66.5	64.6	66.5	64.5	-24.8%	-21.3
Michigan	193.6	182.1	184.0	177.8	166.5	167.0	161.7	155.1	163.7	163.6	163.8	152.6	-21.2%	-41.0
Minnesota	103.1	100.3	101.8	101.4	93.5	93.2	92.8	88.0	90.8	96.0	88.9	89.7	-12.9%	-13.3
Mississippi	64.9	66.9	69.0	65.6	61.4	66.2	61.3	63.3	61.4	64.7	66.0	69.3	6.7%	4.3
Missouri	143.5	141.5	140.5	137.3	131.5	135.4	136.0	128.4	133.8	133.3	123.9	118.3	-17.6%	-25.2
Montana	35.5	35.6	37.1	36.3	32.8	34.7	31.8	30.6	31.9	32.4	32.3	30.6	-13.7%	-4.9
Nebraska	44.4	45.0	45.3	47.4	48.0	50.5	52.9	51.3	54.2	52.8	51.3	48.8	9.9%	4.4
Nevada	50.7	42.1	42.3	41.5	40.0	38.1	34.3	35.1	36.9	37.7	35.7	36.9	-27.3%	-13.8
New Hampshire	21.6	19.7	19.5	19.0	17.3	16.8	16.4	14.8	14.5	15.2	15.4	13.8	-36.0%	-7.8
New Jersey	130.5	123.2	130.8	128.6	111.3	115.5	115.7	105.2	108.8	114.7	113.0	111.4	-14.6%	-19.1
New Mexico	60.0	60.5	59.6	57.1	57.9	53.8	56.2	54.3	53.7	50.6	50.7	48.7	-18.9%	-11.4
New York	212.9	193.9	200.5	190.7	174.7	176.3	166.2	162.9	164.2	172.0	169.9	164.6	-22.7%	-48.3
North Carolina	156.6	150.9	156.7	151.5	135.0	145.0	130.3	123.2	126.7	129.0	122.6	121.2	-22.6%	-35.4
North Dakota	53.1	51.4	53.1	53.6	52.0	52.8	54.3	56.8	57.4	59.4	58.0	54.6	2.7%	1.5
Ohio	275.2	267.6	271.2	264.0	238.7	250.2	238.2	218.5	232.5	234.4	215.4	207.4	-24.6%	-67.8
Oklahoma	108.1	111.3	110.5	113.3	107.5	107.0	108.7	106.1	104.6	105.9	102.0	97.4	-9.8%	-10.6

Table 2. State energy-related carbon dioxide emissions by year, adjusted (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	41.8	40.9	44.4	43.4	41.5	41.3	37.7	37.5	39.7	38.5	38.6	38.2	-8.7%	-3.6
Pennsylvania	283.3	277.1	279.7	271.7	246.2	257.9	250.5	240.1	249.5	249.1	232.7	218.6	-22.8%	-64.7
Rhode Island	11.4	10.7	11.2	10.8	11.4	11.2	11.2	10.7	10.3	10.8	11.0	9.8	-13.9%	-1.6
South Carolina	87.4	87.7	88.1	85.9	80.3	84.5	80.6	74.1	70.9	75.2	73.6	72.1	-17.5%	-15.3
South Dakota	13.5	13.6	14.1	15.2	15.0	15.3	14.8	15.2	15.7	15.7	14.4	15.1	11.5%	1.6
Tennessee	127.2	129.1	128.8	122.3	103.5	111.1	107.5	101.2	99.6	105.0	101.2	103.6	-18.5%	-23.6
Texas	611.6	620.7	617.4	583.8	549.5	584.3	603.0	599.3	628.2	626.0	626.5	657.4	7.5%	45.8
Utah	67.9	69.1	71.0	70.2	65.4	64.5	65.0	62.4	67.7	65.9	64.3	59.1	-12.9%	-8.8
Vermont	6.9	6.8	6.6	6.0	6.3	6.0	5.9	5.6	5.8	6.0	6.2	6.0	-13.5%	-0.9
Virginia	131.1	124.4	129.6	118.3	107.1	110.2	101.1	99.3	106.4	105.4	104.5	104.8	-20.0%	-26.3
Washington	77.0	74.5	80.0	76.7	74.5	74.4	69.4	69.4	74.1	72.5	74.4	79.3	3.0%	2.3
West Virginia	113.8	113.9	116.0	111.9	90.7	101.8	99.0	93.5	95.6	101.2	93.3	95.1	-16.5%	-18.8
Wisconsin	112.3	104.2	105.9	106.4	97.3	99.6	98.7	91.6	102.1	102.4	101.1	96.1	-14.4%	-16.2
Wyoming	64.0	64.8	67.2	67.7	64.4	65.9	64.7	67.1	69.1	66.2	64.2	61.0	-4.7%	-3.0
United States ¹	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

¹ Source: United States total, *Monthly Energy Review*, September 2018, Section 12

The state values that appear in this table have been adjusted to add to the United States total. See Table 1 for the adjustment factor.

Note: The District of Columbia is included in the data tables and figures but not in the analysis because it is not a state.

Source: EIA, State Energy Data System, and EIA calculations made for this analysis.