

Table 7. Carbon intensity by state (2000-2013)

kilograms of energy-related carbon dioxide per million Btu

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Change (2000-2013)	
															percent	Absolute
Alabama	58.6	58.2	58.0	57.7	57.0	57.8	58.0	58.3	56.1	51.4	53.7	52.1	50.2	49.0	-16.5%	-9.6
Alaska	59.7	59.0	59.4	59.4	60.3	60.2	61.2	60.8	60.4	59.8	60.1	60.0	59.5	59.3	-0.7%	-0.4
Arizona	55.0	56.0	54.8	55.8	56.1	56.9	57.5	56.3	55.3	54.1	54.7	53.8	52.9	53.9	-2.0%	-1.1
Arkansas	57.2	56.7	54.7	55.0	55.4	55.6	55.3	54.7	55.5	53.7	54.6	55.6	54.8	57.5	0.5%	0.3
California	52.9	54.0	53.8	52.7	53.5	52.8	52.7	53.4	53.2	52.5	51.4	49.8	51.8	51.4	-2.8%	-1.5
Colorado	69.0	68.6	69.2	68.3	68.7	68.3	68.3	67.0	65.9	64.9	65.6	64.3	64.5	63.4	-8.1%	-5.6
Connecticut	50.1	51.9	51.0	51.0	50.4	51.4	49.2	48.8	48.8	45.7	45.7	44.5	44.1	44.3	-11.6%	-5.8
Delaware	71.2	69.8	69.0	70.7	71.1	71.4	70.8	71.0	69.8	65.7	64.0	61.3	60.5	60.5	-15.1%	-10.8
District of Columbia	60.9	62.0	61.1	60.5	60.9	61.3	59.5	58.8	58.2	57.9	57.5	56.8	56.6	56.0	-8.1%	-4.9
Florida	63.4	63.9	62.6	63.1	63.1	63.2	61.8	61.6	59.2	57.7	59.0	57.8	57.2	56.2	-11.3%	-7.1
Georgia	60.0	59.9	58.9	60.0	59.9	61.4	61.2	61.3	60.9	58.5	58.2	56.6	52.7	51.8	-13.6%	-8.2
Hawaii	68.6	71.1	71.8	71.2	71.2	70.8	70.9	71.0	69.4	68.8	68.8	68.0	67.4	65.8	-4.0%	-2.7
Idaho	39.4	44.1	42.0	43.4	43.3	42.3	39.1	41.9	39.8	39.3	40.8	36.2	37.7	40.5	2.7%	1.0
Illinois	53.7	52.9	52.7	52.6	53.8	53.9	53.6	53.5	52.8	51.5	51.7	51.5	50.3	50.8	-5.4%	-2.9
Indiana	77.6	78.0	77.4	77.0	77.5	77.4	78.0	77.3	76.5	74.9	74.4	73.0	71.9	71.6	-7.7%	-5.9
Iowa	66.1	67.2	65.9	66.3	64.5	63.2	62.5	61.6	59.9	56.0	55.4	54.2	52.8	51.1	-22.7%	-15.0
Kansas	64.9	63.7	65.3	64.9	63.6	65.7	64.8	64.4	63.8	62.6	61.8	62.3	60.2	59.2	-8.7%	-5.6
Kentucky	78.2	77.9	77.1	76.8	76.9	76.8	77.8	77.6	77.7	76.4	76.9	76.9	76.3	75.7	-3.2%	-2.5
Louisiana	52.6	52.1	52.2	53.3	53.2	53.7	54.6	54.6	55.3	53.9	54.0	54.3	53.1	52.0	-1.2%	-0.6
Maine	45.2	45.5	46.8	48.4	47.2	45.7	44.6	43.6	39.8	41.5	40.6	39.6	40.1	37.8	-16.4%	-7.4
Maryland	60.5	62.4	62.5	61.7	61.3	61.7	60.9	60.0	58.9	57.5	57.2	55.4	54.3	53.4	-11.8%	-7.1
Massachusetts	61.2	62.3	61.8	62.0	61.5	62.0	60.0	60.5	59.0	57.2	56.5	55.2	53.3	55.6	-9.2%	-5.7
Michigan	62.9	61.8	60.2	60.8	60.3	59.9	60.5	60.0	59.2	60.3	58.7	56.7	56.7	56.6	-10.1%	-6.4
Minnesota	58.8	58.9	59.1	60.5	59.4	58.5	57.9	57.0	55.8	54.1	52.9	53.0	51.7	52.1	-11.4%	-6.7
Mississippi	55.7	59.5	57.4	58.7	58.4	57.5	57.4	57.3	57.7	55.3	55.2	53.4	53.5	53.2	-4.5%	-2.5
Missouri	70.7	71.1	71.2	71.7	71.9	71.8	71.5	70.8	69.7	68.8	69.5	69.8	69.0	69.8	-1.3%	-0.9
Montana	59.7	65.3	60.4	63.4	63.4	62.3	60.7	62.1	61.3	60.3	61.9	56.7	57.7	59.4	-0.4%	-0.2
Nebraska	60.2	61.1	59.5	61.5	58.9	60.4	59.8	56.9	57.1	57.5	54.4	57.2	58.3	58.0	-3.7%	-2.2
Nevada	67.3	67.3	66.4	66.8	66.6	66.4	61.0	61.2	60.5	59.1	58.5	56.8	55.6	55.7	-17.2%	-11.6
New Hampshire	47.7	47.6	47.5	49.1	47.9	47.0	46.5	44.2	43.9	42.5	39.9	41.4	39.6	36.2	-24.2%	-11.5
New Jersey	54.7	54.2	53.8	55.1	56.1	55.7	54.4	54.3	54.3	50.7	51.0	50.7	49.1	49.0	-10.4%	-5.7
New Mexico	72.1	72.6	72.2	72.9	72.6	72.0	71.0	69.4	68.6	69.7	68.0	68.2	67.3	66.9	-7.1%	-5.1
New York	53.0	52.7	51.9	53.2	52.9	52.5	50.4	50.5	48.9	47.6	47.9	46.0	45.8	44.9	-15.3%	-8.1
North Carolina	60.0	60.1	59.6	58.1	59.3	59.8	59.4	60.4	58.6	55.9	56.7	54.6	53.0	51.7	-13.9%	-8.3
North Dakota	81.2	81.2	81.4	82.0	80.8	81.1	80.5	80.1	78.9	76.6	73.1	70.7	71.4	70.8	-12.8%	-10.4
Ohio	68.5	69.4	70.8	71.4	69.7	70.4	70.0	70.0	68.9	68.3	68.5	67.4	65.0	65.5	-4.4%	-3.0
Oklahoma	67.3	67.1	67.6	67.5	65.7	65.9	65.9	64.2	64.4	63.9	62.8	63.4	61.5	60.3	-10.4%	-7.0

Table 7. Carbon intensity by state (2000-2013) (cont.)

kilograms of energy-related carbon dioxide per million Btu

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Change (2000-2013)	
															percent	Absolute
Oregon	38.0	41.3	38.3	39.3	39.0	40.1	37.1	39.8	38.6	37.7	38.6	33.2	33.4	35.6	-6.3%	-2.4
Pennsylvania	61.2	60.6	60.8	60.8	60.2	60.8	60.6	59.9	58.8	56.7	57.0	55.9	54.8	54.4	-11.2%	-6.9
Rhode Island	58.9	59.9	60.6	61.1	61.0	60.9	59.4	59.0	55.5	57.5	57.4	56.9	57.5	58.0	-1.5%	-0.9
South Carolina	48.2	48.9	47.4	48.2	49.4	48.2	48.9	48.4	48.2	45.9	46.4	44.9	43.1	41.0	-14.9%	-7.2
South Dakota	52.8	57.8	54.8	53.3	53.1	51.0	49.6	50.2	48.9	44.8	41.9	38.4	40.0	42.1	-20.3%	-10.7
Tennessee	61.7	60.2	60.0	59.5	58.9	59.2	61.3	60.8	59.8	54.9	56.1	55.2	54.6	51.9	-15.9%	-9.8
Texas	52.6	53.0	52.6	52.8	51.6	52.2	52.6	52.3	51.8	50.8	50.3	50.7	50.0	49.9	-5.1%	-2.7
Utah	75.6	76.3	76.5	75.8	76.6	76.2	75.1	74.7	74.2	73.5	72.9	71.9	71.5	72.0	-4.8%	-3.6
Vermont	37.2	39.2	38.3	38.1	40.4	39.0	35.4	37.0	33.2	31.9	32.3	32.0	26.5	26.4	-29.2%	-10.9
Virginia	59.5	60.6	60.3	60.3	59.0	58.6	58.0	58.3	56.7	54.2	54.9	53.7	51.5	52.5	-11.7%	-7.0
Washington	37.1	41.5	35.4	37.4	37.8	38.2	35.4	37.3	36.3	36.9	36.7	32.1	32.0	34.6	-6.9%	-2.6
West Virginia	84.5	83.8	84.3	84.7	84.4	84.2	84.0	84.4	83.7	81.0	82.1	81.7	80.7	79.9	-5.4%	-4.6
Wisconsin	62.3	61.9	62.1	61.3	62.2	61.9	60.4	60.0	59.8	58.5	58.3	58.5	55.9	58.5	-6.0%	-3.8
Wyoming	81.7	81.8	81.7	81.5	81.9	81.2	81.2	80.1	79.5	77.9	76.9	74.9	76.1	76.8	-6.0%	-4.9
Average all states	60.3	61.1	60.4	60.7	60.6	60.5	59.8	59.6	58.6	57.1	56.9	55.8	55.0	54.9	-9.0%	-5.4

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

Source: U.S. Energy Information Administration, State Energy Data System and EIA calculations made for this analysis.