

Table 7. Carbon intensity by state (2000-2014)

kilograms of energy-related carbon dioxide per million Btu

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	Change (2000-2014)	
																percent	absolute
Alabama	58.7	58.3	58.0	57.8	57.1	58.0	58.3	58.7	56.5	52.1	54.5	52.8	50.9	49.7	50.6	-13.7%	-8.0
Alaska	59.7	59.0	59.4	59.5	60.3	60.2	61.3	60.9	60.6	59.1	59.2	58.9	58.5	58.4	58.1	-2.7%	-1.6
Arizona	55.0	56.1	54.9	55.9	56.3	57.1	57.9	56.9	55.9	54.7	55.4	54.5	53.7	54.7	53.6	-2.5%	-1.4
Arkansas	57.3	56.7	54.8	55.1	55.6	55.8	55.6	55.2	56.0	54.1	55.0	55.7	55.2	57.8	56.9	-0.7%	-0.4
California	52.9	54.1	54.0	52.9	53.8	53.1	53.2	54.1	54.1	53.7	52.9	51.0	53.0	52.6	52.7	-0.5%	-0.3
Colorado	69.0	68.7	69.3	68.4	68.9	68.6	68.7	67.5	66.5	65.4	65.8	65.0	65.2	64.1	63.4	-8.2%	-5.7
Connecticut	50.2	52.0	51.1	51.2	50.7	51.7	49.6	49.4	49.5	46.1	46.2	45.1	44.8	44.7	45.4	-9.4%	-4.7
Delaware	71.3	69.9	69.1	70.9	71.4	71.6	71.3	71.6	70.5	67.2	65.8	61.8	61.0	61.5	60.0	-15.8%	-11.3
District of																	
Columbia	61.0	62.1	61.3	60.7	61.2	61.6	60.1	59.6	59.0	54.9	54.3	54.0	53.0	52.6	53.0	-13.2%	-8.0
Florida	63.4	64.0	62.8	63.3	63.4	63.6	62.3	62.4	60.1	58.6	60.0	58.9	58.3	57.4	57.7	-9.1%	-5.8
Georgia	60.1	60.0	59.0	60.2	60.2	61.7	61.6	61.9	61.6	59.2	59.1	57.7	53.9	53.1	53.6	-10.7%	-6.5
Hawaii	68.6	71.2	72.0	71.2	71.3	70.9	71.2	71.3	69.9	68.5	68.6	68.0	67.7	65.8	65.4	-4.7%	-3.2
Idaho	39.5	44.2	42.1	43.5	43.5	42.5	39.5	42.5	40.5	40.3	42.0	37.2	38.8	41.7	40.0	1.4%	0.5
Illinois	53.7	53.0	52.8	52.7	54.0	54.1	53.9	53.9	53.3	52.0	52.2	52.1	51.0	51.4	51.2	-4.6%	-2.5
Indiana	77.6	78.1	77.4	77.1	77.7	77.5	78.3	77.7	77.0	75.6	75.2	73.8	72.6	72.4	72.2	-7.0%	-5.4
Iowa	66.2	67.2	66.0	66.4	64.7	63.4	62.8	62.0	60.4	56.6	56.1	54.9	53.4	51.8	51.6	-22.0%	-14.6
Kansas	64.9	63.8	65.3	65.0	63.8	65.8	65.1	64.8	64.3	63.2	62.1	63.0	60.8	59.7	58.0	-10.7%	-6.9
Kentucky	78.2	78.0	77.2	76.9	77.0	77.0	78.1	78.0	78.1	76.9	77.4	77.4	76.6	76.1	75.6	-3.4%	-2.7
Louisiana	52.7	52.1	52.3	53.4	53.2	53.8	54.8	54.8	55.9	54.7	54.8	55.1	54.1	53.1	52.6	-0.1%	0.0
Maine	45.3	45.6	46.9	48.5	47.3	45.9	44.9	44.1	40.3	41.9	41.1	40.2	38.7	38.6	39.1	-13.7%	-6.2
Maryland	60.6	62.5	62.6	61.9	61.6	62.0	61.4	60.7	59.8	58.8	58.6	57.0	55.9	55.1	55.5	-8.4%	-5.1
Massachusetts	61.3	62.4	61.9	62.2	61.8	62.3	60.5	61.3	59.9	57.9	57.3	56.0	55.2	56.5	54.9	-10.5%	-6.4
Michigan	63.0	61.9	60.4	60.9	60.5	60.1	60.9	60.6	59.8	61.1	59.6	57.8	57.7	57.6	56.3	-10.6%	-6.7
Minnesota	58.8	59.0	59.2	60.6	59.6	58.7	58.3	57.5	56.4	54.9	53.7	53.9	52.6	52.8	52.6	-10.6%	-6.2
Mississippi	55.8	59.5	57.5	58.8	58.6	57.7	57.8	57.8	58.4	56.1	56.1	54.1	54.5	54.1	55.2	-1.1%	-0.6
Missouri	70.8	71.1	71.4	71.9	72.1	72.0	71.9	71.4	70.4	69.7	70.7	70.9	70.2	71.0	70.1	-0.9%	-0.7
Montana	59.7	65.4	60.5	63.5	63.6	62.5	60.9	62.4	61.6	60.1	61.7	56.4	57.4	59.3	57.9	-3.0%	-1.8
Nebraska	60.3	61.2	59.6	61.6	59.1	60.6	60.1	57.2	57.5	57.9	54.7	57.6	58.6	58.5	55.5	-7.9%	-4.8
Nevada	67.3	67.3	66.5	66.9	66.8	66.6	61.4	61.8	61.2	59.7	59.1	57.4	56.1	56.3	57.4	-14.8%	-9.9
New Hampshire	47.7	47.6	47.7	49.2	48.2	47.2	46.9	44.8	44.6	43.2	40.7	42.3	40.4	36.9	38.0	-20.4%	-9.7
New Jersey	54.8	54.3	54.0	55.3	56.4	56.0	54.8	54.9	55.1	51.8	52.3	51.9	50.4	50.3	51.0	-6.8%	-3.7
New Mexico	72.1	72.6	72.3	73.0	72.7	72.1	71.2	69.8	69.2	70.4	68.7	68.8	67.9	67.6	66.1	-8.3%	-6.0
New York	53.1	52.8	52.0	53.3	53.0	52.7	50.7	51.0	49.5	48.2	48.6	46.7	46.6	45.6	46.1	-13.2%	-7.0
North Carolina	60.1	60.1	59.8	58.2	59.6	60.1	59.8	61.0	59.4	56.8	57.6	55.6	53.9	52.6	53.1	-11.7%	-7.0
North Dakota	81.2	81.3	81.5	82.0	80.8	81.2	80.6	80.3	79.2	76.7	73.3	70.5	71.5	70.6	69.7	-14.2%	-11.5
Ohio	68.6	69.5	70.9	71.5	69.8	70.6	70.4	70.5	69.5	69.4	69.5	68.5	66.1	66.5	65.7	-4.2%	-2.9
Oklahoma	67.4	67.2	67.7	67.6	65.9	66.0	66.1	64.6	64.8	64.4	63.4	64.1	62.0	60.9	61.3	-9.1%	-6.1

Table 7. Carbon intensity by state (2000-2014) (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	2014	Change (2000-2014)	
																percent	absolute
Oregon	38.1	41.4	38.4	39.4	39.2	40.4	37.5	40.3	39.1	38.5	39.6	34.1	34.2	36.5	35.3	-7.3%	-2.8
Pennsylvania	61.3	60.6	60.9	60.9	60.4	60.9	60.9	60.3	59.3	57.2	57.5	56.4	55.4	55.0	54.2	-11.6%	-7.1
Rhode Island	59.0	60.0	60.7	61.3	61.3	61.3	59.9	59.8	56.4	57.2	57.0	56.9	57.3	57.1	56.8	-3.6%	-2.1
South Carolina	48.2	49.0	47.5	48.3	49.6	48.4	49.3	48.9	48.8	46.5	47.1	45.6	44.0	41.8	43.6	-9.5%	-4.6
South Dakota	52.9	57.9	54.9	53.4	53.3	51.2	49.9	50.7	49.5	45.4	42.4	39.2	40.5	42.9	41.5	-21.4%	-11.3
Tennessee	61.7	60.3	60.1	59.6	59.1	59.4	61.7	61.3	60.4	55.9	57.1	56.2	55.7	53.0	54.8	-11.2%	-6.9
Texas	52.6	53.0	52.6	52.9	51.7	52.3	52.8	52.7	52.1	51.2	50.7	51.1	50.4	50.2	50.3	-4.4%	-2.3
Utah	75.7	76.4	76.6	75.9	76.8	76.4	75.4	75.1	74.7	74.1	73.5	72.5	72.0	72.7	72.2	-4.6%	-3.5
Vermont	37.3	39.3	38.4	38.3	40.7	39.3	35.9	37.7	34.0	32.1	32.5	32.2	26.9	26.7	27.0	-27.5%	-10.3
Virginia	59.5	60.7	60.4	60.5	59.3	58.9	58.5	58.9	57.5	55.1	55.8	54.5	52.4	53.5	52.5	-11.7%	-7.0
Washington	37.2	41.5	35.5	37.5	38.0	38.4	35.7	37.8	36.9	37.6	37.5	32.9	32.7	35.4	34.7	-6.6%	-2.5
West Virginia	84.5	83.9	84.4	84.8	84.5	84.3	84.2	84.6	83.9	81.1	82.2	81.7	80.7	80.0	80.7	-4.5%	-3.8
Wisconsin	62.3	61.9	62.2	61.4	62.4	62.1	60.7	60.5	60.4	59.2	59.0	59.2	56.7	59.1	59.0	-5.3%	-3.3
Wyoming	81.7	81.8	81.7	81.5	82.0	81.3	81.3	80.2	79.7	77.8	76.7	74.7	75.8	76.7	76.3	-6.6%	-5.4
Average all states	60.4	61.1	60.5	60.9	60.8	60.7	60.1	60.1	59.2	57.7	57.5	56.3	55.6	55.5	55.2	-8.6%	-5.2

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.