

Table 7. Carbon intensity of the energy supply by State (2000–2011)

kilograms of energy-related carbon dioxide per million Btu

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Change 2000 to 2011	
													Percent	Absolute
Alabama	58.2	57.8	57.5	57.2	56.5	57.3	57.6	58.0	55.7	51.1	53.7	51.7	-11.0%	-6.4
Alaska	59.7	59.0	59.4	59.4	60.3	60.2	61.2	60.8	60.5	59.8	60.0	60.0	0.5%	0.3
Arizona	54.7	55.8	54.5	55.5	55.8	56.6	57.3	56.2	55.2	54.0	54.4	53.4	-2.4%	-1.3
Arkansas	56.9	56.4	54.4	54.6	55.1	55.3	55.0	54.6	55.3	53.5	54.7	55.5	-2.5%	-1.4
California	52.2	53.4	53.2	52.0	52.8	52.2	52.2	53.1	52.8	52.3	51.4	49.5	-5.2%	-2.7
Colorado	68.7	68.5	69.0	68.0	68.4	68.0	68.1	66.9	65.7	64.8	65.5	64.2	-6.6%	-4.5
Connecticut	48.7	50.5	49.5	49.6	48.9	49.9	47.8	47.6	47.6	44.8	44.7	42.7	-12.3%	-6.0
Delaware	67.8	66.6	65.7	67.3	67.3	67.9	67.2	67.8	66.8	62.5	61.1	56.9	-16.0%	-10.9
District of Columbia	60.8	61.9	61.1	60.5	60.9	61.2	59.5	59.0	58.3	58.0	58.1	57.7	-5.2%	-3.1
Florida	63.1	63.6	62.4	62.9	62.9	63.1	61.7	61.6	59.1	57.6	58.7	57.2	-9.3%	-5.9
Georgia	59.5	59.4	58.5	59.6	59.5	61.0	60.8	61.1	60.6	58.2	57.9	56.2	-5.6%	-3.3
Hawaii	68.5	71.1	71.8	71.2	71.2	70.8	70.9	71.1	69.4	68.8	68.4	67.6	-1.4%	-1.0
Idaho	39.1	43.8	41.7	43.0	43.0	42.0	39.0	41.9	39.7	39.3	40.9	35.9	-8.3%	-3.2
Illinois	53.0	52.3	52.1	51.9	53.0	53.3	53.0	53.0	52.4	51.2	51.3	50.6	-4.7%	-2.5
Indiana	76.8	77.3	76.6	76.2	76.6	76.5	77.1	76.6	75.8	74.2	73.7	71.9	-6.4%	-4.9
Iowa	65.5	66.7	65.4	65.6	63.7	62.6	61.8	61.2	59.4	55.7	55.3	53.3	-18.8%	-12.3
Kansas	64.6	63.5	64.9	64.7	63.6	65.4	64.5	64.1	63.5	62.3	61.6	61.9	-4.2%	-2.7
Kentucky	77.8	77.6	76.7	76.3	76.4	76.4	77.4	77.2	77.3	76.1	76.6	76.2	-2.0%	-1.5
Louisiana	56.1	55.8	55.8	56.6	56.7	57.1	57.4	57.2	58.0	57.0	57.0	55.9	-0.2%	-0.1
Maine	45.1	45.4	46.6	48.2	47.0	45.0	44.5	43.6	39.8	41.6	40.5	40.9	-9.1%	-4.1
Maryland	60.4	62.3	62.4	61.6	61.3	61.7	60.9	60.2	59.0	57.8	57.7	55.6	-8.0%	-4.8
Massachusetts	60.2	61.4	60.8	61.0	60.4	61.3	59.0	59.8	58.3	56.6	56.1	54.2	-9.9%	-6.0
Michigan	62.4	61.3	59.8	60.3	59.8	59.4	60.1	59.7	58.9	60.0	58.3	56.3	-9.8%	-6.1
Minnesota	58.4	58.6	58.8	60.2	59.1	58.2	57.7	56.9	55.6	54.0	53.0	52.9	-9.5%	-5.6
Mississippi	55.2	59.0	56.9	58.1	57.8	57.0	56.9	57.0	57.4	55.0	55.2	53.0	-4.0%	-2.2
Missouri	69.8	70.3	70.4	70.9	71.0	70.9	70.7	70.1	69.1	68.2	69.0	68.9	-1.2%	-0.8
Montana	59.6	65.3	60.4	63.3	63.4	62.3	60.7	62.2	61.3	60.3	61.9	56.7	-4.9%	-2.9
Nebraska	59.7	60.7	59.0	61.0	58.4	59.9	59.4	56.5	56.7	57.2	54.1	56.5	-5.4%	-3.2
Nevada	67.1	67.1	66.2	66.6	66.5	66.3	60.9	61.2	60.5	59.1	58.3	56.5	-15.8%	-10.6
New Hampshire	47.5	47.4	47.4	48.9	47.8	46.8	46.4	44.3	44.0	42.6	40.2	41.9	-11.7%	-5.6
New Jersey	53.2	52.9	52.4	53.6	54.4	54.1	52.8	53.1	53.2	49.7	50.1	49.0	-7.8%	-4.2
New Mexico	71.9	72.4	72.1	72.8	72.4	71.8	71.0	69.5	68.6	69.8	68.2	68.2	-5.2%	-3.7
New York	52.0	51.7	50.8	52.1	51.7	51.4	49.3	49.7	48.0	46.9	47.2	44.7	-13.9%	-7.2
North Carolina	58.5	58.7	58.2	56.6	57.8	58.4	57.9	59.1	57.4	54.9	55.7	52.8	-9.7%	-5.7
North Dakota	81.2	81.2	81.4	81.9	80.7	81.0	80.4	80.1	78.9	76.5	73.1	70.7	-12.9%	-10.5
Ohio	67.8	68.8	70.1	70.7	68.9	69.7	69.4	69.5	68.4	67.8	67.9	66.6	-1.8%	-1.2
Oklahoma	67.1	66.9	67.4	67.3	65.5	65.7	65.7	64.1	64.3	63.8	62.7	63.2	-5.8%	-3.9
Oregon	37.8	41.1	38.1	39.0	38.8	39.9	37.0	39.8	38.6	37.7	38.3	32.8	-13.0%	-4.9
Pennsylvania	60.7	60.1	60.3	60.3	59.7	60.2	60.1	59.5	58.4	56.4	56.6	55.5	-8.5%	-5.2
Rhode Island	58.2	59.2	59.9	60.4	60.2	60.2	58.7	58.5	55.0	57.1	56.7	55.6	-4.5%	-2.6
South Carolina	47.3	48.1	46.7	47.3	48.5	47.4	48.2	47.8	47.6	45.5	45.9	44.0	-6.9%	-3.3
South Dakota	52.4	57.3	54.4	52.9	52.7	50.6	49.2	49.9	48.6	44.6	41.8	38.3	-26.9%	-14.1
Tennessee	60.8	59.5	59.2	58.7	58.1	58.4	60.5	60.1	59.1	54.4	55.4	54.2	-11.0%	-6.7
Texas	58.1	58.4	58.1	58.3	57.8	58.2	57.9	57.4	56.9	56.2	55.7	53.7	-7.5%	-4.4
Utah	75.4	76.1	76.2	75.5	76.3	75.9	74.9	74.6	74.0	73.3	72.7	71.6	-5.0%	-3.8
Vermont	37.1	39.0	38.2	37.9	40.3	38.9	35.4	37.2	33.4	32.0	32.3	31.8	-14.3%	-5.3
Virginia	59.0	60.2	59.9	59.8	58.5	58.2	57.6	58.0	56.4	54.0	54.6	53.0	-10.1%	-6.0
Washington	37.0	41.3	35.2	37.2	37.7	38.1	35.3	37.4	36.4	37.0	36.5	31.9	-13.7%	-5.1
West Virginia	83.9	83.2	83.8	84.1	83.7	83.6	83.4	83.8	83.1	80.4	81.6	80.8	-3.6%	-3.0
Wisconsin	61.7	61.4	61.6	60.8	61.7	61.4	59.9	59.7	59.5	58.2	58.1	57.9	-6.2%	-3.8
Wyoming	81.3	81.5	81.4	81.1	81.6	80.9	80.9	79.8	79.3	77.7	76.6	74.6	-8.3%	-6.8
Average all states	59.5	60.0	59.4	59.7	59.5	59.6	59.2	59.1	58.3	56.9	56.9	55.3	-7.0%	-4.2

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

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