

Table 8. Carbon intensity of the economy by State (2000–2011)

metric tons energy-related carbon dioxide per million dollars of GDP

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Change 2000 to 2011	
													Percent	Absolute
Alabama	1,062.3	988.9	1,000.5	985.4	953.4	939.2	937.8	939.6	888.3	804.6	873.4	856.3	-19.4%	-206.0
Alaska	1,295.7	1,214.2	1,173.2	1,201.4	1,223.7	1,271.1	1,148.0	1,082.1	960.1	857.7	884.9	856.5	-33.9%	-439.2
Arizona	478.0	473.8	458.7	444.9	462.4	431.0	415.6	414.4	420.4	418.3	420.0	404.2	-15.4%	-73.8
Arkansas	815.8	796.3	756.3	741.6	719.2	674.0	676.7	688.5	694.8	686.0	719.3	729.3	-10.6%	-86.5
California	255.9	258.9	253.1	237.3	237.8	226.6	223.6	224.5	215.6	218.5	211.7	199.3	-22.1%	-56.6
Colorado	431.4	457.7	442.2	436.6	441.8	435.8	428.5	431.0	418.1	411.8	413.4	389.4	-9.7%	-42.0
Connecticut	225.6	217.6	211.8	224.5	222.7	217.3	194.5	186.4	180.2	182.0	177.8	164.4	-27.1%	-61.2
Delaware	340.8	314.7	317.7	313.0	299.8	302.8	278.9	286.8	286.2	206.4	196.6	206.8	-39.3%	-134.0
District of Columbia	61.3	55.1	54.7	50.3	49.5	47.3	37.8	39.4	34.9	36.2	35.8	33.7	-44.9%	-27.5
Florida	434.1	421.3	412.3	400.2	398.9	380.5	363.5	356.9	342.7	340.5	363.6	343.5	-20.9%	-90.6
Georgia	509.2	478.7	487.8	488.0	489.7	504.2	488.7	485.4	455.8	458.4	471.9	420.6	-17.4%	-88.6
Hawaii	384.0	396.6	412.6	416.3	414.7	406.3	397.6	406.9	323.8	332.0	324.6	333.3	-13.2%	-50.7
Idaho	394.4	393.7	369.9	345.4	345.5	320.8	315.9	314.2	298.7	303.6	308.0	301.6	-23.5%	-92.7
Illinois	429.4	411.5	413.8	411.0	413.5	422.7	398.5	407.3	409.4	400.4	397.6	387.0	-9.9%	-42.4
Indiana	1,060.7	1,036.4	1,021.2	1,008.7	984.6	977.2	959.7	934.2	940.5	911.8	906.9	859.3	-19.0%	-201.4
Iowa	730.1	734.6	719.4	687.2	660.6	649.0	652.9	666.3	706.7	687.7	691.3	650.0	-11.0%	-80.1
Kansas	773.8	720.3	762.4	763.0	733.9	683.0	661.7	702.3	670.9	683.7	667.1	645.9	-16.5%	-127.9
Kentucky	1,127.7	1,153.1	1,125.3	1,080.1	1,111.2	1,104.2	1,101.0	1,105.5	1,091.7	1,065.4	1,069.8	1,045.5	-7.3%	-82.2
Louisiana	1,456.3	1,259.9	1,291.7	1,210.9	1,216.1	1,134.4	1,212.7	1,270.9	1,234.6	1,111.1	1,112.2	1,082.1	-25.7%	-374.2
Maine	533.5	525.7	547.4	531.7	521.0	504.8	457.9	451.1	415.3	407.0	396.5	397.9	-25.4%	-135.6
Maryland	368.0	355.2	344.1	347.8	339.9	336.9	305.4	302.2	283.1	275.0	262.8	241.2	-34.4%	-126.7
Massachusetts	268.6	262.3	264.3	264.3	253.8	256.0	227.9	234.8	223.6	210.3	206.4	188.7	-29.8%	-80.0
Michigan	516.6	518.2	501.9	487.6	498.9	501.7	482.1	489.3	501.2	516.3	494.4	466.3	-9.7%	-50.2
Minnesota	460.4	442.8	444.8	447.9	427.4	425.4	413.3	419.6	410.6	393.8	379.6	372.7	-19.1%	-87.7
Mississippi	800.6	915.9	810.1	803.8	809.4	778.5	789.4	786.7	735.8	723.7	768.1	713.0	-10.9%	-87.6
Missouri	606.1	635.0	627.9	648.4	645.5	653.6	644.3	633.4	610.6	612.2	619.0	615.5	1.5%	9.4
Montana	1,213.8	1,195.6	1,138.5	1,165.3	1,179.9	1,180.4	1,156.3	1,170.6	1,153.5	1,058.6	1,080.0	991.5	-18.3%	-222.3
Nebraska	631.1	643.8	630.7	613.1	603.1	596.6	588.8	575.3	594.8	609.1	619.7	647.6	2.6%	16.5
Nevada	513.7	500.9	453.7	452.3	453.3	433.7	346.0	335.0	338.8	353.0	332.9	295.6	-42.5%	-218.1
New Hampshire	356.0	345.4	349.9	404.5	412.0	393.4	352.6	347.1	340.7	315.8	294.6	283.4	-20.4%	-72.7
New Jersey	305.2	292.4	289.0	286.4	286.0	293.8	269.8	286.1	281.2	255.8	258.1	258.1	-15.4%	-47.0
New Mexico	992.6	968.5	897.2	906.9	863.6	871.3	862.4	845.8	826.2	833.8	770.5	802.0	-19.2%	-190.6
New York	241.3	227.5	221.6	232.2	228.2	215.3	188.2	193.1	187.7	176.2	169.2	155.7	-35.5%	-85.6
North Carolina	458.7	439.5	437.5	434.3	432.3	422.1	389.9	396.7	383.8	350.6	366.9	318.8	-30.5%	-139.9
North Dakota	2,387.7	2,395.2	2,264.9	2,125.4	2,058.8	2,122.1	2,006.3	1,987.5	1,844.9	1,755.8	1,637.6	1,565.4	-34.4%	-822.3
Ohio	613.8	603.4	604.0	616.0	592.1	604.7	595.2	606.2	605.9	584.4	594.6	557.3	-9.2%	-56.6
Oklahoma	905.0	882.8	879.8	889.0	830.4	883.7	864.8	839.7	830.4	813.2	795.3	798.9	-11.7%	-106.1
Oregon	339.0	337.7	309.5	304.1	288.9	283.8	252.7	266.1	248.5	245.5	223.9	194.8	-42.6%	-144.3
Pennsylvania	607.2	577.1	578.7	576.2	573.4	576.3	555.9	552.9	535.6	505.4	512.2	489.0	-19.5%	-118.2
Rhode Island	301.0	304.6	278.5	262.1	242.3	249.3	229.6	245.2	241.3	258.2	248.2	244.6	-18.8%	-56.5
South Carolina	611.8	594.8	594.5	580.0	630.1	608.2	603.5	589.5	580.6	577.1	584.3	543.2	-11.2%	-68.7
South Dakota	523.1	483.8	460.5	446.6	440.7	416.8	418.0	419.5	432.7	428.4	437.7	419.5	-19.8%	-103.7
Tennessee	636.8	624.6	600.8	578.8	564.9	558.5	553.3	551.3	522.2	457.1	468.2	439.6	-31.0%	-197.3
Texas	827.9	798.6	793.2	782.7	744.9	711.5	679.0	638.6	608.2	592.2	595.0	570.1	-31.1%	-257.8
Utah	814.8	774.0	756.7	752.6	759.3	736.1	703.9	690.8	665.0	631.9	598.7	590.3	-27.6%	-224.5
Vermont	336.2	321.4	301.2	303.1	310.7	296.6	287.2	282.5	257.4	277.6	252.1	248.1	-26.2%	-88.0
Virginia	408.8	384.3	374.3	374.5	370.3	358.4	333.3	344.8	314.2	286.4	285.6	259.1	-36.6%	-149.7
Washington	319.1	310.5	281.9	284.7	287.3	279.0	260.6	265.4	253.6	253.5	243.3	221.5	-30.6%	-97.6
West Virginia	2,301.6	2,084.4	2,310.7	2,240.6	2,147.5	2,170.7	2,144.7	2,204.8	2,150.4	1,712.0	1,856.1	1,721.0	-25.2%	-580.6
Wisconsin	538.2	523.3	519.4	497.5	495.6	501.8	458.2	463.4	475.5	451.3	444.9	433.9	-19.4%	-104.3
Wyoming	2,713.5	2,546.7	2,450.6	2,483.6	2,401.7	2,397.2	2,220.5	2,221.1	2,125.2	1,979.9	2,037.8	2,022.6	-25.5%	-690.9
Average all states	523.1	507.0	501.6	494.7	487.6	476.7	457.5	457.1	444.7	429.6	431.5	410.7	-21.5%	-112.3

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.