

Table 8. Carbon intensity of the economy by state (2000–2013)

metric tons of energy-related carbon dioxide per million chained 2009 dollars of GDP

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Change (2000-2013)	
															percent	Absolute
Alabama	947.5	881.6	889.4	873.7	839.2	825.8	827.1	833.3	791.5	704.6	759.5	734.5	691.6	661.8	-30.2%	-285.7
Alaska	1,220.0	1,145.3	1,118.1	1,127.8	1,158.5	1,161.3	1,038.3	949.7	847.3	758.4	793.2	770.3	735.6	730.8	-40.1%	-489.2
Arizona	424.8	426.9	412.3	398.1	413.9	384.2	374.2	370.3	381.9	379.0	381.6	367.5	352.5	364.7	-14.2%	-60.2
Arkansas	740.7	731.5	693.3	672.3	646.0	605.2	604.4	611.9	611.3	602.8	623.4	622.5	606.0	617.1	-16.7%	-123.6
California	231.0	234.4	227.9	212.0	213.3	203.5	200.6	199.2	189.5	190.7	185.0	175.9	174.1	171.8	-25.6%	-59.2
Colorado	386.4	416.3	405.2	398.6	404.0	395.7	392.4	393.8	380.0	368.6	373.6	355.3	343.7	338.8	-12.3%	-47.6
Connecticut	207.4	199.4	192.1	201.0	196.6	191.1	171.6	161.6	156.6	155.8	154.6	150.0	146.4	148.4	-28.4%	-59.0
Delaware	330.7	313.8	317.3	315.4	296.8	306.3	278.2	292.7	293.0	209.5	204.0	221.5	246.5	239.3	-27.6%	-91.4
District of																
Columbia	53.6	48.6	48.4	44.3	43.5	41.9	33.2	34.2	30.2	31.5	31.0	29.1	25.0	27.0	-49.7%	-26.7
Florida	388.4	375.9	366.1	357.0	353.3	335.4	321.1	315.8	305.0	305.0	328.7	312.6	298.7	290.5	-25.2%	-98.0
Georgia	451.3	425.7	436.0	435.0	436.3	445.3	431.1	428.9	405.1	394.9	415.5	372.9	321.0	311.2	-31.0%	-140.0
Hawaii	351.0	360.5	372.7	374.8	368.6	359.4	353.8	359.2	285.9	289.8	281.6	283.5	271.6	260.8	-25.7%	-90.2
Idaho	344.3	351.9	330.1	306.6	316.7	301.5	285.5	285.8	269.9	274.5	284.7	282.0	279.7	298.3	-13.4%	-46.0
Illinois	381.2	367.1	369.2	369.0	371.0	374.7	351.8	359.0	362.3	349.0	353.4	345.7	321.2	342.5	-10.1%	-38.7
Indiana	947.2	927.1	917.2	907.4	876.3	872.3	847.7	825.0	813.8	782.6	775.8	746.8	691.6	693.5	-26.8%	-253.7
Iowa	665.5	667.8	654.2	622.9	594.5	579.1	580.8	597.1	630.2	600.2	617.6	584.2	528.8	526.3	-20.9%	-139.1
Kansas	703.8	661.8	696.9	694.6	662.4	615.6	595.1	631.5	601.3	615.1	597.0	562.9	525.8	557.4	-20.8%	-146.4
Kentucky	1,008.8	1,026.5	1,002.2	954.5	973.1	959.3	952.6	960.5	941.6	915.9	917.3	889.4	817.3	805.2	-20.2%	-203.7
Louisiana	1,258.6	1,085.2	1,113.2	1,049.7	1,063.5	975.5	1,051.0	1,104.3	1,050.7	932.1	974.0	1,013.5	932.0	918.0	-27.1%	-340.6
Maine	483.6	478.1	497.4	478.1	468.6	450.4	406.9	401.9	366.0	358.4	346.9	339.4	306.1	318.6	-34.1%	-165.0
Maryland	318.3	307.8	296.7	298.7	289.0	284.8	257.4	254.0	238.5	227.7	217.6	199.9	184.6	181.6	-42.9%	-136.7
Massachusetts	236.8	233.9	235.0	232.9	223.3	224.0	198.9	201.9	193.0	181.0	178.3	164.9	146.8	157.1	-33.6%	-79.6
Michigan	460.3	463.2	448.8	433.5	440.3	438.8	418.8	429.1	434.1	443.1	424.4	402.8	379.8	391.1	-15.0%	-69.2
Minnesota	413.1	398.4	399.5	399.8	384.1	378.3	368.3	373.1	367.7	351.8	338.1	330.2	308.5	311.9	-24.5%	-101.2
Mississippi	737.3	849.1	751.9	741.0	741.0	708.4	711.2	718.3	673.1	651.1	692.0	642.6	640.4	629.2	-14.7%	-108.1
Missouri	537.7	564.4	562.9	577.6	569.9	572.9	561.0	554.5	534.3	519.8	527.3	533.4	499.0	509.9	-5.2%	-27.9
Montana	1,088.3	1,086.1	1,023.4	1,047.1	1,058.3	1,048.3	1,022.8	1,025.8	1,002.8	923.5	945.1	838.8	789.2	818.6	-24.8%	-269.6
Nebraska	577.2	586.3	569.4	549.5	537.2	529.9	521.6	517.2	534.0	538.3	546.3	552.2	528.3	538.6	-6.7%	-38.6
Nevada	459.8	442.9	397.0	398.5	393.9	379.4	305.0	301.9	308.1	326.6	312.1	279.2	285.4	299.2	-34.9%	-160.6
New																
Hampshire	325.9	313.8	315.5	359.1	364.2	343.7	307.7	303.2	299.9	275.9	259.4	251.4	222.1	215.2	-33.9%	-110.6
New Jersey	275.7	266.2	261.1	258.0	258.7	263.7	243.8	257.3	251.4	226.2	229.2	233.0	205.6	209.3	-24.1%	-66.3
New Mexico	837.4	829.2	766.9	771.7	740.0	743.8	739.4	726.1	700.7	711.7	661.2	689.9	661.3	651.2	-22.2%	-186.2
New York	210.8	200.0	194.5	204.0	200.1	188.6	167.0	170.3	167.6	149.9	144.9	135.1	128.3	128.4	-39.1%	-82.4
North Carolina	435.9	411.7	408.9	401.6	396.4	389.7	356.2	369.6	353.4	319.0	335.6	298.6	281.3	281.9	-35.3%	-154.1

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metric tons of energy-related carbon dioxide per million chained 2009 dollars of GDP

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Change (2000-2013)	
															percent	Absolute
North Dakota	2,249.0	2,241.1	2,110.5	1,968.6	1,896.8	1,951.5	1,813.7	1,815.2	1,683.0	1,600.2	1,513.3	1,420.4	1,240.9	1,246.7	-44.6%	-1,002.3
Ohio	552.9	539.0	538.9	545.4	518.9	527.8	513.2	523.9	520.3	494.7	506.0	468.2	421.7	438.8	-20.6%	-114.1
Oklahoma	850.5	834.1	828.2	829.8	773.5	802.7	783.3	764.4	757.3	736.3	720.6	713.9	671.3	652.6	-23.3%	-197.8
Oregon	314.1	313.4	293.2	285.5	268.6	265.8	238.5	250.2	231.7	222.4	209.1	182.8	181.7	195.1	-37.9%	-119.0
Pennsylvania	536.1	501.6	508.4	505.2	500.8	499.9	481.0	479.2	463.1	428.5	438.1	420.7	400.3	407.5	-24.0%	-128.6
Rhode Island	271.0	277.7	255.5	240.6	219.9	223.3	204.7	219.8	217.2	231.3	221.6	223.0	211.1	199.9	-26.2%	-71.1
South																
Carolina	556.9	541.5	539.2	524.3	567.7	543.6	534.4	521.3	509.2	496.5	506.7	470.2	430.1	404.8	-27.3%	-152.1
South Dakota	520.3	482.0	445.7	429.9	418.2	398.3	398.2	394.8	406.0	394.7	394.2	363.7	376.4	383.0	-26.4%	-137.3
Tennessee	570.9	561.8	540.7	517.1	503.2	503.1	500.9	501.8	471.2	407.4	430.2	405.6	368.1	356.6	-37.5%	-214.4
Texas	690.4	667.4	665.8	654.7	617.2	583.2	560.6	533.4	507.3	482.7	496.7	494.7	463.1	459.4	-33.5%	-231.1
Utah	745.0	702.4	683.6	676.8	671.5	650.4	612.5	593.8	594.7	564.1	546.6	536.4	510.2	534.1	-28.3%	-210.9
Vermont	304.0	289.4	269.4	268.2	275.2	262.2	254.4	247.8	223.9	238.1	217.9	209.4	195.8	207.5	-31.7%	-96.5
Virginia	364.5	347.5	341.3	340.2	337.4	324.9	300.4	309.8	281.8	253.2	253.7	231.1	224.8	241.0	-33.9%	-123.6
Washington	278.0	273.3	245.8	248.1	250.1	240.1	225.6	227.5	216.0	214.9	207.3	191.0	186.6	193.0	-30.6%	-85.0
West Virginia	1,985.2	1,816.8	2,016.4	1,950.0	1,865.9	1,852.9	1,827.3	1,866.7	1,753.8	1,413.9	1,536.9	1,463.6	1,425.7	1,441.1	-27.4%	-544.0
Wisconsin	480.6	467.8	462.2	439.8	436.1	440.3	402.6	407.0	412.4	386.5	385.1	374.2	342.7	374.1	-22.2%	-106.5
Wyoming	2,541.4	2,414.5	2,329.0	2,333.7	2,243.7	2,126.9	1,924.5	1,888.8	1,750.1	1,679.0	1,742.7	1,708.4	1,862.0	1,914.6	-24.7%	-626.7
Average all																
states	464.8	451.6	446.2	437.6	428.7	417.0	400.5	399.0	386.5	368.3	371.6	356.8	334.7	336.0	-27.7%	-128.8

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.