

Table CO2.7. Total CO2 emissions estimates from energy consumption, per capita CO2 emissions, and carbon intensities, ranked by state, 2023

Rank	Total CO2 emissions		Per capita CO2 emissions		Carbon intensity of primary energy supply		Carbon intensity of economy	
	State	Million metric tons	State	Metric tons	State	Metric tons CO2 per billion Btu	State	Metric tons CO2 per million chained 2017 dollars GDP
1	Texas	669.9	Wyoming	92.9	Wyoming	74.5	Wyoming	1,351.6
2	California	324.3	North Dakota	68.8	West Virginia	73.4	West Virginia	923.5
3	Florida	229.5	Alaska	58.6	Kentucky	69.5	North Dakota	899.6
4	Pennsylvania	200.9	West Virginia	42.1	North Dakota	67.2	Alaska	798.3
5	Ohio	184.2	Louisiana	40.1	Hawaii	66.1	Louisiana	739.5
6	Louisiana	183.8	Montana	26.0	Utah	65.7	Mississippi	533.6
7	Illinois	166.6	Kentucky	23.0	Missouri	65.1	Montana	512.4
8	New York	164.9	Nebraska	22.9	Montana	64.4	Kentucky	467.1
9	Indiana	153.9	Indiana	22.4	Indiana	64.0	Arkansas	422.8
10	Michigan	141.1	Texas	21.8	Colorado	60.5	Oklahoma	418.0
11	Georgia	125.7	Mississippi	21.7	Delaware	59.8	Alabama	411.8
12	North Carolina	111.4	Oklahoma	21.4	Alaska	57.8	New Mexico	382.4
13	Kentucky	104.8	Iowa	21.1	Ohio	57.7	Indiana	380.6
14	Missouri	101.5	New Mexico	19.9	Massachusetts	57.2	Iowa	336.8
15	Alabama	101.0	Alabama	19.7	New Mexico	56.7	Texas	319.5
16	Virginia	94.6	Arkansas	19.7	Nevada	56.0	Kansas	314.7
17	New Jersey	91.2	Kansas	19.6	Wisconsin	55.2	Nebraska	314.6
18	Tennessee	88.5	South Dakota	16.4	Rhode Island	54.6	Missouri	291.3
19	Oklahoma	86.9	Missouri	16.4	Florida	54.1	South Dakota	262.8
20	Wisconsin	86.2	Utah	16.0	Oklahoma	53.5	South Carolina	262.4
21	Arizona	83.0	Ohio	15.6	Kansas	53.2	Ohio	259.5
22	Colorado	82.2	Pennsylvania	15.4	District of Columbia	53.0	Michigan	254.6
23	Minnesota	80.8	Wisconsin	14.5	Arkansas	52.5	Pennsylvania	251.3
24	Washington	76.3	Minnesota	14.0	Michigan	52.3	Wisconsin	250.3
25	West Virginia	74.6	Michigan	14.0	Nebraska	52.3	Utah	243.9
26	South Carolina	68.8	Colorado	13.9	Mississippi	51.1	Idaho	222.3
27	Iowa	68.0	Illinois	13.2	Idaho	50.5	Tennessee	209.7
28	Mississippi	63.8	South Carolina	12.8	New York	50.4	Maine	207.5
29	Arkansas	60.4	Hawaii	12.5	California	50.3	Minnesota	206.8
30	Kansas	57.8	Tennessee	12.4	Maryland	49.9	Hawaii	203.6
31	Massachusetts	56.8	Nevada	12.2	Minnesota	49.8	Nevada	201.3
32	Utah	55.0	Delaware	11.7	Tennessee	48.8	Arizona	196.4
33	Wyoming	54.3	Georgia	11.4	New Jersey	48.5	Colorado	188.2
34	North Dakota	54.3	Maine	11.1	Arizona	48.5	Illinois	188.2
35	Maryland	48.6	Arizona	11.1	Washington	47.9	Georgia	185.4
36	Nebraska	45.6	Virginia	10.8	Georgia	47.9	Florida	177.5
37	Alaska	43.2	Idaho	10.8	Texas	47.7	Rhode Island	175.2
38	New Mexico	42.2	North Carolina	10.2	North Carolina	47.5	North Carolina	174.7
39	Nevada	39.3	Rhode Island	10.0	Virginia	47.2	Virginia	158.3
40	Oregon	38.9	Florida	10.0	Maine	46.5	Delaware	156.0
41	Connecticut	36.2	Connecticut	9.9	Iowa	46.4	Vermont	154.2
42	Montana	29.4	New Jersey	9.7	Pennsylvania	46.3	Oregon	148.4
43	Idaho	21.3	Washington	9.7	Louisiana	46.0	New Hampshire	145.0
44	Hawaii	18.0	New Hampshire	9.7	Connecticut	45.8	New Jersey	137.4
45	Maine	15.6	Oregon	9.1	Alabama	44.6	Connecticut	126.2
46	South Dakota	15.1	Vermont	8.4	Oregon	44.3	Maryland	115.0
47	New Hampshire	13.5	New York	8.4	Illinois	43.4	Washington	112.7
48	Delaware	12.2	California	8.3	South Dakota	41.5	California	99.8
49	Rhode Island	11.1	Massachusetts	8.0	South Carolina	39.6	Massachusetts	92.3
50	Vermont	5.4	Maryland	7.8	New Hampshire	39.0	New York	92.0
51	District of Columbia	2.5	District of Columbia	3.6	Vermont	38.4	District of Columbia	16.8
	United States	4,785.6	United States	14.2	United States	51.2	United States	211.1

— = No consumption. Where shown, (s) = Value less than 0.05.

Notes: • Data are carbon dioxide (CO2) emissions estimates from fossil fuels primary energy consumption for all sectors, excluding renewable energy. The state data do not account for interstate flow of electricity and represent CO2 emissions in the state where fossil fuels are burned to generate electricity, although the electricity might be sold to ultimate customers in other states and sectors. U.S. totals include net imports of coal coke consumption not allocated to the states. • Totals may not equal sum of components due to independent rounding.

Web page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.

Data source: Table by the U.S. Energy Information Administration, State Energy Data System based on population data from the U.S. Census Bureau and GDP data from the U.S. Bureau of Economic Analysis. See technical notes. <https://www.eia.gov/state/seds/>