

Table 3. 2021 State energy-related carbon dioxide emissions by sector

State	million metric tons of energy-related carbon dioxide						Transportation emissions/100k pop	shares					
	Commercial	Electric Power	Residential	Industrial	Transportation	Total		Commercial2	Electric Power3	Residential4	Industrial5	Transportation6	
													est. 2022
Wyoming	0.9	34.1	0.9	11.2	7.5	54.6	579,548	9.42	1.7%	62.4%	1.7%	20.4%	13.7%
North Dakota	1.2	27.4	1.1	17.9	8.8	56.5	777,982	7.27	2.2%	48.5%	1.9%	31.7%	15.7%
Alaska	2.3	2.8	1.7	18.4	13.7	38.9	734,523	5.29	5.9%	7.2%	4.5%	47.3%	35.1%
West Virginia	1.7	59.0	1.7	13.2	12.9	88.4	1,785,249	4.95	1.9%	66.7%	1.9%	15.0%	14.6%
Louisiana	2.4	30.4	2.1	108.9	44.8	188.6	4,627,047	4.08	1.3%	16.1%	1.1%	57.7%	23.8%
Montana	1.6	12.5	1.7	4.5	8.2	28.5	1,106,366	2.58	5.7%	43.7%	6.0%	15.9%	28.7%
Kentucky	2.7	56.9	3.1	14.9	33.7	111.3	4,507,600	2.47	2.4%	51.1%	2.8%	18.4%	30.3%
Indiana	6.1	68.8	8.2	43.4	39.8	166.4	6,813,798	2.44	3.7%	41.4%	4.9%	24.1%	23.9%
Nebraska	2.1	19.8	2.4	9.1	13.8	47.2	1,964,253	2.40	4.5%	41.9%	5.2%	19.3%	29.1%
Iowa	3.8	24.1	4.8	20.5	19.8	73.1	3,197,944	2.29	5.2%	33.0%	6.6%	28.1%	27.3%
Texas	14.2	180.3	12.2	241.6	115.2	663.5	29,561,286	2.24	2.1%	27.2%	1.8%	36.4%	32.4%
Oklahoma	3.2	26.7	4.0	23.1	30.8	87.8	3,991,634	2.20	3.0%	30.5%	4.5%	26.3%	35.3%
New Mexico	1.8	17.1	2.3	8.4	16.3	45.9	2,116,950	2.17	4.0%	37.3%	4.9%	18.3%	35.5%
Alabama	2.3	47.2	2.1	19.6	37.2	108.4	5,050,380	2.15	2.2%	43.5%	1.9%	18.1%	34.3%
Mississippi	1.6	26.2	1.5	11.3	23.4	63.1	2,949,582	2.14	2.5%	40.0%	2.4%	18.0%	37.2%
Arkansas	3.6	28.5	2.1	8.3	19.5	62.0	3,028,443	2.05	5.8%	46.0%	3.3%	13.6%	31.5%
Kansas	2.7	22.2	3.8	13.5	17.5	59.8	2,937,946	2.03	4.5%	37.2%	6.3%	22.6%	29.3%
Missouri	4.6	60.2	6.3	8.6	37.2	117.0	6,170,393	1.90	4.0%	51.5%	5.4%	7.3%	31.8%
Utah	3.0	29.9	4.1	6.8	18.2	62.1	3,339,284	1.86	4.8%	48.2%	6.6%	11.0%	29.3%
South Dakota	0.8	2.4	1.0	4.0	7.0	15.2	896,299	1.69	5.4%	15.8%	6.7%	26.2%	45.9%
Ohio	12.0	68.5	17.3	37.5	58.8	194.0	11,765,227	1.65	6.2%	35.3%	8.9%	19.3%	30.3%
Pennsylvania	11.4	77.5	19.3	49.3	56.0	213.5	13,013,614	1.64	5.4%	36.3%	9.0%	23.1%	26.2%
Wisconsin	6.7	36.0	9.5	11.9	29.4	92.5	5,879,978	1.57	7.2%	37.9%	10.3%	12.9%	31.7%
Michigan	10.8	52.9	19.0	17.6	47.5	147.8	10,038,117	1.47	7.3%	35.8%	12.8%	11.9%	32.2%
Colorado	4.4	30.6	8.3	13.2	28.9	85.4	5,811,596	1.47	5.2%	35.8%	9.7%	15.4%	33.8%
Minnesota	6.8	21.2	9.3	16.7	29.1	83.2	5,717,968	1.45	8.2%	25.5%	11.2%	20.1%	35.0%
Illinois	14.2	52.4	23.0	34.5	60.1	184.2	12,690,341	1.45	7.7%	28.5%	12.5%	18.8%	32.6%
Virginia	2.3	25.0	2.1	7.3	32.6	69.3	5,193,848	1.34	3.3%	36.1%	3.1%	10.5%	47.0%
Tennessee	4.3	24.0	4.4	14.3	45.7	92.7	6,963,709	1.33	4.6%	25.9%	4.7%	15.4%	49.3%
Delaware	1.1	1.8	1.0	3.8	5.4	13.0	1,004,881	1.29	8.2%	13.6%	7.5%	29.4%	41.3%
Nevada	2.3	13.7	2.6	3.1	17.8	39.4	3,146,632	1.25	5.8%	34.7%	6.6%	7.8%	45.1%
Hawaii	0.5	5.8	0.1	1.0	10.0	17.3	1,446,745	1.20	3.1%	33.3%	0.4%	5.6%	57.6%
Georgia	4.6	40.9	7.4	12.7	58.6	124.1	10,790,385	1.15	3.7%	32.9%	5.9%	10.2%	47.2%
Arizona	3.1	34.3	2.5	4.6	38.5	83.0	7,272,487	1.14	3.8%	41.3%	3.0%	5.6%	46.3%
Virginia	6.0	24.4	6.2	11.6	49.8	98.0	8,657,340	1.13	6.1%	24.9%	6.4%	11.8%	50.8%
North Carolina	5.2	40.1	5.4	10.1	54.8	115.6	10,567,100	1.09	4.5%	34.7%	4.7%	8.7%	47.4%
Idaho	1.5	2.0	2.0	3.4	11.6	20.5	1,904,537	1.08	7.2%	9.8%	9.9%	16.5%	56.7%
Maine	1.8	1.3	2.7	1.6	7.1	14.4	1,378,787	1.04	12.2%	8.8%	18.5%	11.2%	49.3%
Florida	6.8	91.2	1.5	12.3	114.6	226.3	21,830,708	1.04	3.0%	40.3%	0.6%	5.4%	50.8%
Connecticut	4.3	9.2	7.2	1.6	14.3	36.6	3,603,691	1.03	11.7%	25.2%	19.6%	4.4%	39.0%
Rhode Island	0.9	3.4	2.1	0.6	3.6	10.6	1,097,092	0.97	8.8%	31.7%	20.0%	5.6%	33.9%
New Jersey	9.9	13.3	14.8	8.4	42.7	89.1	9,269,175	0.96	11.1%	15.0%	16.6%	9.4%	47.9%
New Hampshire	1.4	2.1	2.5	0.7	6.5	13.3	1,387,494	0.96	10.6%	15.8%	15.5%	5.5%	49.8%
Washington	4.7	9.8	6.0	11.6	41.6	73.8	7,741,433	0.95	6.4%	13.3%	8.2%	15.8%	56.3%
Oregon	2.4	8.2	2.9	4.7	20.2	38.5	4,256,465	0.91	6.4%	21.4%	7.6%	12.1%	52.5%
Vermont	0.9	0.0	1.4	0.4	2.9	5.6	647,093	0.86	16.6%	0.1%	24.3%	7.4%	51.6%
Maryland	5.2	11.2	5.7	2.8	27.6	52.6	6,175,045	0.85	9.9%	21.4%	10.8%	5.4%	52.5%
California	19.4	35.3	26.2	63.9	179.1	324.0	39,145,060	0.83	6.0%	10.9%	8.1%	19.7%	55.3%
Massachusetts	7.4	6.1	12.5	3.3	26.7	56.1	6,991,951	0.80	13.2%	10.9%	22.3%	5.9%	47.6%
New York	21.8	25.0	33.7	8.3	67.3	156.0	19,854,526	0.79	13.9%	16.0%	21.6%	5.3%	43.1%
District of Columbia	0.9	0.0	0.7	0.0	0.9	2.5	669,037	0.38	34.9%	0.0%	26.8%	1.0%	37.4%

Source: U.S. Energy Information Administration (EIA), State Energy Data System and EIA calculations made for this analysis.   
https://www.eia.gov/state/states/summary.php   
 Source: <https://www.census.gov>   
 \*For the United States as a whole see: EIA, Monthly Energy Review, Section 11: Environment. Differing methodologies between the two data series causes the total for all states to be different from the national-level estimate.