



**Walter Wright, Jr.**  
wwright@mwlaw.com  
(501) 688.8839

## Change in Per Capita Carbon Dioxide Emissions in Selected States: U.S. Energy Information Administration Report Addresses Percentage Change Since 2005

09/25/2025

The United States Energy Information Administration ("EIA") issued a September 15th report titled:

*Change in per capita carbon dioxide emissions in selected states (2023) – percentage change since 2005* ("Report").

The Report states that per capita carbon dioxide ("CO<sub>2</sub>") from primary energy decreased in every state from 2005 to 2023.

The information is derived from EIA's State Energy Data System.

Total energy-related CO<sub>2</sub> emissions in the United States are stated to have fallen 20% over that time period, even though the population grew by 14%.

The Report states that the primary reason the CO<sub>2</sub> emissions in the United States have declined is because of a decrease in the use of coal in the electric power sector. The stated reason is electricity generated from natural gas (which releases about half as many CO<sub>2</sub> emissions per unit of energy when combusted as coal) and from non-CO<sub>2</sub>-emitting wind and solar generation.

A 1% increase in U.S. total CO<sub>2</sub> emissions is forecasted in 2025, due to:

- Increased fossil fuel consumption for crude oil production.
- Electricity generation growth.

The EIA Report includes per capita CO<sub>2</sub> emissions changes since 2005 for each state.

Arkansas CO<sub>2</sub> emissions are noted to have declined 9% during that time period.

A copy of the EIA Report can be downloaded [here](#).