



Update on U.S. Climate Alliance Greenhouse Gas Emissions, 2005–2023

September 2025

The U.S. Climate Alliance (Alliance) is a bipartisan coalition of U.S. governors committed to securing America's net-zero future by advancing state-led, high-impact climate action. The Alliance was launched by the governors of Washington, New York, and California in 2017 to help fill the void left by the federal government's withdrawal from the Paris Agreement. Since then, the coalition has grown to two dozen governors who collectively represent approximately 55 percent of the U.S. population and 60 percent of the U.S. economy.

As part of the coalition's efforts to reduce greenhouse gas (GHG) emissions and protect Americans from the harms of climate pollution, members commit to tracking and reporting progress toward the Alliance's collective emissions-reduction goals. To fulfill this commitment, the Alliance publishes an annual update on its GHG emissions based on independent analysis from Rhodium Group using data from the U.S. Environmental Protection Agency and U.S. Energy Information Administration.¹

Based on the latest data, as of 2023, the Alliance has collectively reduced its net GHG emissions 24 percent below 2005 levels, continuing the coalition's trend of declining emissions over the last 18 years (Figure 1). This keeps the Alliance firmly within the margin of error to achieve its near-term target of reducing net GHG emissions 26 percent by 2025. Collective emissions between 2022 and 2023 decreased by 3.5 percent, driven in part by state and federal policies adopted in the preceding years, with the electricity and buildings sectors seeing the largest year-on-year reductions. Together, the Alliance's members now represent about 40 percent of total U.S. GHG emissions.

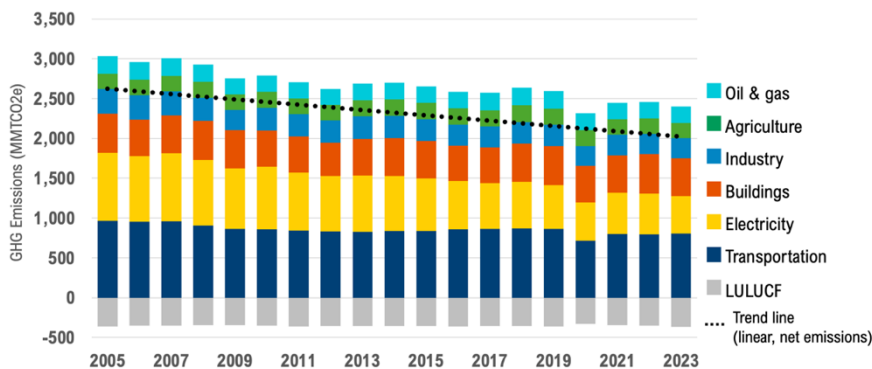


Figure 1. The Alliance's collective net greenhouse gas emissions decreased 24 percent between 2005 and 2023.

Source: Rhodium Group

The coalition's states and territories continue to drive faster emissions reductions than the rest of the country. Compared to the 24 percent reduction achieved by the Alliance between 2005 and 2023, non-Alliance states and territories reduced their net collective GHG emissions by only 16 percent.² The U.S. as a whole saw a 19 percent reduction in net GHG emissions during that timeframe. The Alliance's long-term progress has been driven primarily by the transition to cleaner electricity generation, which has helped cut the coalition's electricity sector emissions by 45 percent since 2005. Emissions from the transportation sector, which remains the Alliance's largest source of emissions, have also decreased 17 percent below 2005 levels.

The latest analysis also shows that as of 2022, the Alliance had reduced its collective net GHG emissions 21 percent below 2005 levels.³ This figure is greater than previously reported by the Alliance for 2022, as a result of updated data and methodological changes adopted by the U.S. Environmental Protection Agency and Rhodium Group after the coalition's last published update.

Since launching the Alliance more than eight years ago, members have advanced more than 2,300 bold actions and innovative policies to tackle climate pollution and build resilience to climate impacts.⁴ At the same time, the coalition's states and territories have increased their collective GDP by 34 percent⁵ while employing more clean energy workers,⁶ achieving lower levels of harmful air pollutants,⁷ and executing more pre-disaster planning than the rest of the country.⁸

Additional details on the coalition's progress will be released as part of the Alliance's 2025 Annual Report this fall.

¹ This includes U.S. EPA data for calendar year 2023 obtained via Freedom of Information Act request and published by the Environmental Defense Fund on May 8, 2025.

² Rhodium Group Climate Deck. "2025 Taking Stock Baseline." September 10, 2025.

³ Rhodium Group Climate Deck. "2025 Taking Stock Baseline." September 10, 2025.

⁴ U.S. Climate Alliance. "Climate Policy Database." Accessed September 12, 2025.

⁵ U.S. Bureau of Economic Analysis. "State annual gross domestic product (GDP) summary." June 27, 2025.

⁶ U.S. Department of Energy. "2025 U.S. Energy and Employment Report." September 2, 2025.

⁷ U.S. Environmental Protection Agency. "Air Pollutant Emissions Trends Data." April 28, 2025.

⁸ Georgetown Climate Center. "State Adaptation Progress Tracker." Accessed September 16, 2025.