



# IRA+ OPPORTUNITY SUMMARY 2024



# Overview

The Bipartisan Infrastructure Law (\$1.2 trillion) and the Inflation Reduction Act (~\$738 billion) are two significant pieces of legislation passed in 2021 and 2022, respectively. Each law had multiple objectives, yet also allocated an unprecedented amount of funding toward initiatives focused on sustainability and environmental justice. While the distribution of funds has already begun, a substantial amount of funding remains untapped. This presents a crucial opportunity to take advantage of the significant federal funds while they are available. However, it is vital to note that the funding isn't mandated to be spent, merely earmarked for designated purposes, thus underscoring the urgency of seizing this opportunity before it slips away.

This overview delves into various IRA+ (Inflation Reduction Act & Bipartisan Infrastructure Law) opportunities for 2024, encompassing tools and programs from diverse government agencies. These initiatives primarily target movement infrastructure, environmental justice and climate-related opportunities. It is crucial to acknowledge the fluid nature of governmental efforts, with the possibility of additional programs yet to be announced or in early stages of development. Despite potential additions, our aim is to present a current snapshot of relevant existing opportunities under the IRA+ for 2024. Please see the appendix for related state-level heatmap graphics that illustrate the relationship between announced funding and GHG emissions.

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The following is a brief overview of available federal agencies' IRA+ funding:

The USDA IRA+ programs, backed by an approximately \$12 billion allocation, play a pivotal role in propelling rural America's development. The RUS program addresses vital needs such as water treatment, waste management, electricity, and telecommunication services. Concurrently, the multi-year EQIP program assists farmers and landowners in integrating conservation into their practices. The RCPP, CSP, ACEP, and REAP programs collectively form a comprehensive suite of opportunities to tackle environmental challenges, improve resource management and stimulate rural growth. By emphasizing connectivity and sustainable farming, these programs advocate for an interconnected approach to rural development.

With an allocation of \$11.3 billion, EPA IRA+ programs are dedicated to addressing climate and social challenges. The CPRG focuses on translating previously approved planning grants into tangible actions for national climate change mitigation. Initiatives like Grants to Reduce Air Pollution at Ports and Clean Heavy-Duty Vehicles underscore a commitment to cleaner transportation. The Environmental & Climate Justice Community Change Grants Program prioritizes disadvantaged communities, fostering pollution reduction and climate resilience. Programs like the Climate Pollution Reduction Program present an unprecedented opportunity for positive change, emphasizing environmental justice, climate resilience and sustainable development.

The DOE IRA+ Home Rebate programs, with a significant investment of \$8.8 billion, promote electrification and energy efficiency at the household level. By offering rebates for appliances and home improvements, they contribute to a more sustainable and environmentally conscious approach to residential energy consumption.

The DOT IRA+ programs allocate \$7.1 billion towards safer, environmentally friendly transportation and infrastructure. Initiatives like the Safe Streets and Roads for All Program, Low-Carbon Transportation Materials Grants, RAISE, Ferry Service for Rural Communities, and SMART Grants Program collectively represent a holistic approach to enhancing transportation safety, sustainability and accessibility.

The HUD IRA+ programs focus on channeling a substantial investment of \$2 billion into sustainable property development grants. Designed to support projects prioritizing sustainability and contributing to community well-being, these programs aim to create resilient and inclusive urban spaces.

The NOAA IRA+ programs, with a \$1.2 billion allocation, strategically tackle coastal climate challenges. Tribal Priorities programs allocate funds for fish hatcheries, Mitchell Act Hatcheries, restoring tribal fish passages and capacity building. The Pacific Coastal Salmon Recovery Fund supports initiatives for Pacific salmon recovery, while the Ocean-Based Climate Resilience Accelerators program provides funding for businesses in coastal and ocean-based resilience. Collectively, these programs represent a proactive approach to building climate resilience in coastal areas, supporting tribal priorities, workforce development and ecosystem recovery.

The summary below provides a deeper look at each of the federal agencies/departments and their programs. Additionally, it highlights helpful tools and upcoming applications.

# Tools

- Investing in America [Interactive Map](#)
- IRA [Living Guidebook](#) of funding programs
- EPA EJ [Screening Tool](#)
- Climate and Economic Justice [Screening Tool](#)
- EPA Greenhouse Gas Inventory [Data Explorer](#)
- EIA State [Energy Profiles](#)
- White House [BIL Map](#)
- DOT [Grant Navigator](#)

# Programs

## USDA- United States Department of Agriculture

- ~\$9B for the [Rural Utilities Services \(RUS\) Program](#)
  - *Provides much-needed infrastructure or infrastructure improvements to rural communities. These include water and waste treatment, electric power and telecommunications services.*
  - *Multiple Open Applications*
- \$145 million for the [Rural Energy for America Program \(REAP\)](#):
  - *Funding to Help agricultural producers and rural small business owners make energy efficiency improvements and renewable energy investments to lower energy costs, generate new income, and strengthen the resiliency of their operations.*
  - *Application due: March 31, 2024, June 30, 2024 & September 30, 2024*
- Use the USDA [Conservation by State Tool](#) to find state specific deadlines & programs as well as the [Inflation Reduction Act](#) summary for more information:
  - \$1.65 billion for the [Environmental Quality Incentives Program](#)
    - *NRCS' flagship conservation program that helps farmers, ranchers and forest landowners integrate conservation into working lands.*
  - \$754 million for the [Regional Conservation Partnership Program](#)
    - *RCPP focuses on the power of public-private partnerships in delivering results for agriculture and conservation.*
  - \$472 million for the [Conservation Stewardship Program](#)
    - *CSP helps you identify natural resource problems in your operation and provide technical and financial assistance to solve those problems or attain higher stewardship levels in an environmentally beneficial and cost-effective manner.*
  - \$189 million for the [Agricultural Conservation Easement Program](#)
    - *ACEP helps landowners, land trusts, and other entities protect, restore, and enhance wetlands or protect working farms and ranches through conservation easements.*
- Use the USDA [Ranking Dates](#) list to help identify upcoming deadlines. Please note that not all programs have been announced or have been updated and so USDA recommends contacting your local NRCS office.

## EPA- United States Environmental Protection Agency

- See EPA [Funding Announcements](#) for more information
  - \$4.3 billion for the [Climate Pollution Reduction Program: Implementation Grants General Competition](#)
    - *The second stage of the program: \$4.3 billion for grants to implement measures identified in plans developed with [CPRG planning grants](#).*
    - *Application due: April 1, 2024*
  - \$3 billion for [Grants to Reduce Air Pollution at Ports](#)
    - *Funding to purchase and install zero-emission port equipment and technology, conduct associated planning or permitting activities for this equipment and technology, and develop climate action plans to further address air pollution at ports.*
    - *Application opens: Late Winter 2024*
  - \$2 billion for the [Environmental & Climate Justice Community Change Grants Program](#)
    - *Funding aimed at benefiting disadvantaged communities through projects that reduce pollution, increase community climate resilience, and build community capacity to address environmental and climate justice challenges.*
    - *Application due: November 21, 2024 (Accepted on a rolling basis)*
  - \$1 billion for [Clean Heavy-Duty Vehicles](#)
    - *Funding to help Tribal, state, and local governments and other entities offset the cost of replacing heavy-duty Class 6 and 7 commercial vehicles with zero-emission vehicles, deploy supporting infrastructure, and train and develop the necessary workforce. At least \$400 million must go to areas not meeting national air quality standards.*
    - *Application opens: Early Spring 2024*
  - \$300 million for the [Climate Pollution Reduction Program: Implementation Grants Competition for Tribes and Territories](#)
    - *The second stage of the program: \$300 million for grants to implement measures identified in plans developed with [CPRG planning grants](#). Competition is exclusively for tribes and territories.*
    - *Application due: May 1, 2024*
    - *Optional Notice of Intent to Apply due: March 1, 2024*
  - \$48 million for [Underground Injection Control- Class VI wells](#)
    - *Grants for training aimed at protecting drinking water sources.*
    - *Applications accepted on a rolling basis (Non-competitive allocation)*
  - \$37.5 million for [Funding to Address Air Pollution at Schools](#)
    - *Provide funding for grants and other activities to monitor and reduce pollution and greenhouse gas emissions at schools in low-income and disadvantaged communities.*
    - *Application due: March 19, 2024*

## **NOAA- National Oceanic and Atmospheric Administration**

- See NOAA Inflation Reduction Act for more information
  - \$390 million for Tribal Priorities
    - *Funding for tribal priorities that incorporate comments received during the IRA tribal consultation.*
    - *\$240 million set-aside for fish hatcheries administered through the Bureau of Indian Affairs*
    - *\$60 million for Mitchell Act Hatcheries*
    - *\$70 million for Restoring Tribal Priority Fish Passages*
    - *\$20 million set-aside for capacity building, science and related needs*
  - \$349 million for Climate-Ready Fisheries
    - *Funding to support projects to conserve fisheries and protected species in coastal regions around the country, including Pacific salmon.*
    - *\$106 million for Pacific Coastal Salmon Recovery Fund*
      - *Application due: March 4, 2024*
  - \$100 million for Ocean-Based Climate resilience Accelerators
    - *Funding for accelerator entities to support businesses navigating commercialization pathways for coastal and ocean-based resilience products and services related to NOAA's mission to help communities prepare for, adapt to, and build resilience to changing climate conditions.*
    - *Phase One has passed*
    - *All Phase One awardees will be invited to apply for Phase Two funding*
      - *Application due: July 15, 2024*

## **DOE - Department of Energy**

- \$8.8 billion for Home Energy Rebates Program
  - *These home energy rebates will help American households save money on energy bills, upgrade to clean energy equipment and improve energy efficiency, and reduce indoor and outdoor air pollution. California, Hawaii, New Mexico and New York are the first to submit rebate applications.*
  - \$4.5 billion for Home Electrification and Appliance Rebates
    - *Estimated 2024 roll out*
  - \$4.3 billion for Home Efficiency Rebates
    - *Estimated 2024 roll out*

## DOT- U.S. Department of Transportation

- See DOT Key Notices of Funding Opportunity for more information
  - \$3 billion over 3 years for the Safe Streets and Roads for All Program
    - *Funding for regional, local, and Tribal initiatives through grants to prevent roadway deaths and serious injuries.*
    - *Application due: April 4, 2024*
  - \$2 billion for Low-Carbon Transportation Materials Grants
    - *Funding to reimburse or provide incentives, to eligible recipients, for the use, in projects, of construction materials and products that have substantially lower levels of embodied greenhouse gas emissions associated with all relevant stages of production, use, and disposal as compared to estimated industry averages.*
    - *Application opens: March 2024*
  - \$1.5 billion for the Rebuilding American Infrastructure with Sustainability and Equity (RAISE)
    - *Funding for transportation infrastructure projects that will improve safety; environmental sustainability; quality of life; mobility and community connectivity; economic competitiveness and opportunity including tourism; state of good repair; partnership and collaboration; and innovation.*
    - *Application due: February 28, 2024*
  - \$200 million for the Ferry Service for Rural Communities
    - *Funding to states to ensure basic essential ferry service is provided to rural areas.*
    - *Application opens: March 2024*
  - \$100 million for the Strengthening Mobility and Revolutionizing Transportation (SMART) Grants Program
    - *Grants to eligible public sector agencies to conduct demonstration projects focused on advanced smart community technologies and systems in order to improve transportation efficiency and safety.*
    - *Application opens: Spring 2024*
  - \$71-78 million for the Low- or No- Emission Grant Program
    - *Funding to purchase or lease zero-emission and low-emission transit buses and for acquisition, construction, and leasing of required supporting facilities.*
    - *Application due: April 25, 2024*
  - \$50 million for the Electric or Low Emitting Ferry Program
    - *Funding for projects that support the purchase of electric or low-emitting ferries and the electrification of or other reduction of emissions from existing ferries.*
    - *Application opens: March 2024*

## HUD- United States Department of Housing and Urban Development

- \$2 billion for the Green and Resilient Retrofit Program (GRRP)
  - *Funding for projects that improve energy or water efficiency, enhance indoor air quality or sustainability, implement the use of zero-emission electricity generation, low-emission building materials or processes, energy storage, or building electrification strategies, or address climate resilience, of eligible HUD-assisted multifamily properties.*
  - \$ 1.47 billion for Comprehensive
    - *Funding to properties with a high need for investment in utility efficiency and climate resilience.*
    - *Application waves: February 2024 & May 2024*
  - \$400 million for Leading Edge
    - *Funding to owners with ambitious plans involving carbon reduction, renewable energy generation, use of building materials with lower embodied carbon, and resilience goals through achieving an advanced green certification.*
    - *Application waves: April 2024*
  - \$140 million for Elements
    - *Funding to properties in the midst of a recapitalization transaction that includes utility efficiency, renewable energy, carbon emission reduction, and/or climate resilience measures.*
    - *Application waves: March 2024*

## Programs Announcing Grantees in 2024

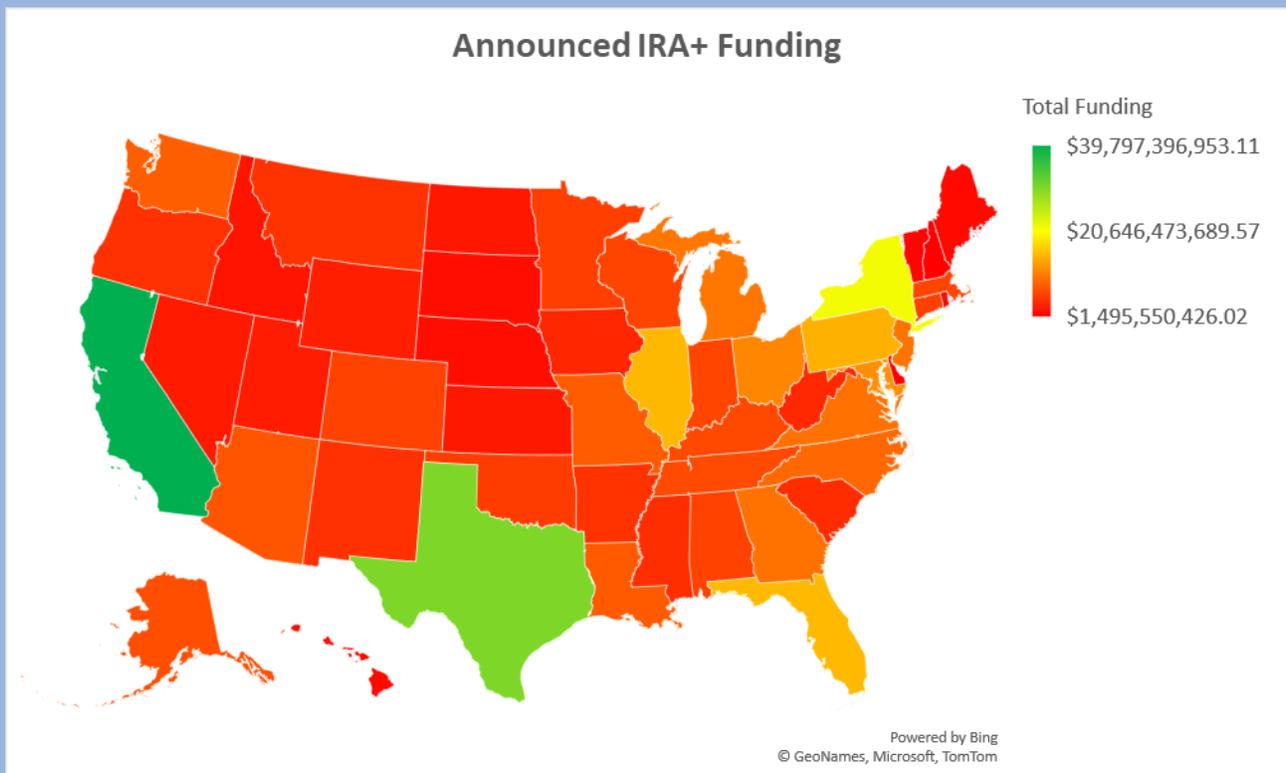
- *While the deadlines for these programs have already passed and their recipients are soon to be announced they still represent a huge amount of funding that will need coordination and communication between awardees. Therefore, keeping an eye on and providing support in their roll out will be beneficial to all parties involved and particularly save time on any shared hurdles.*
- \$20 billion for the Greenhouse Gas Reduction Fund
  - *EPA anticipates making notifications of selections by March 2024*
  - \$13.97 billion for the National Clean Investment Fund (NCIF)
    - *Program to finance clean technology deployment nationally.*
  - \$6 billion for the Clean Communities Investment Accelerator (CCIA)
    - *Program to finance clean technology deployment in low-income and disadvantaged communities while simultaneously building the capacity of community lenders that serve those communities*

- \$ 7 billion for the Solar for All Program
  - Funding to enable low-income and disadvantaged households across America to access the benefits of low-cost, clean solar energy.
    - EPA anticipates beginning to make awards in July 2024
  - \$25-100 million to up to 35 awardees for Small Programs
  - \$100-250 million to up to 20 awardees for Medium Programs
  - \$250-400 million to up to 5 awardees for Large Programs

# References

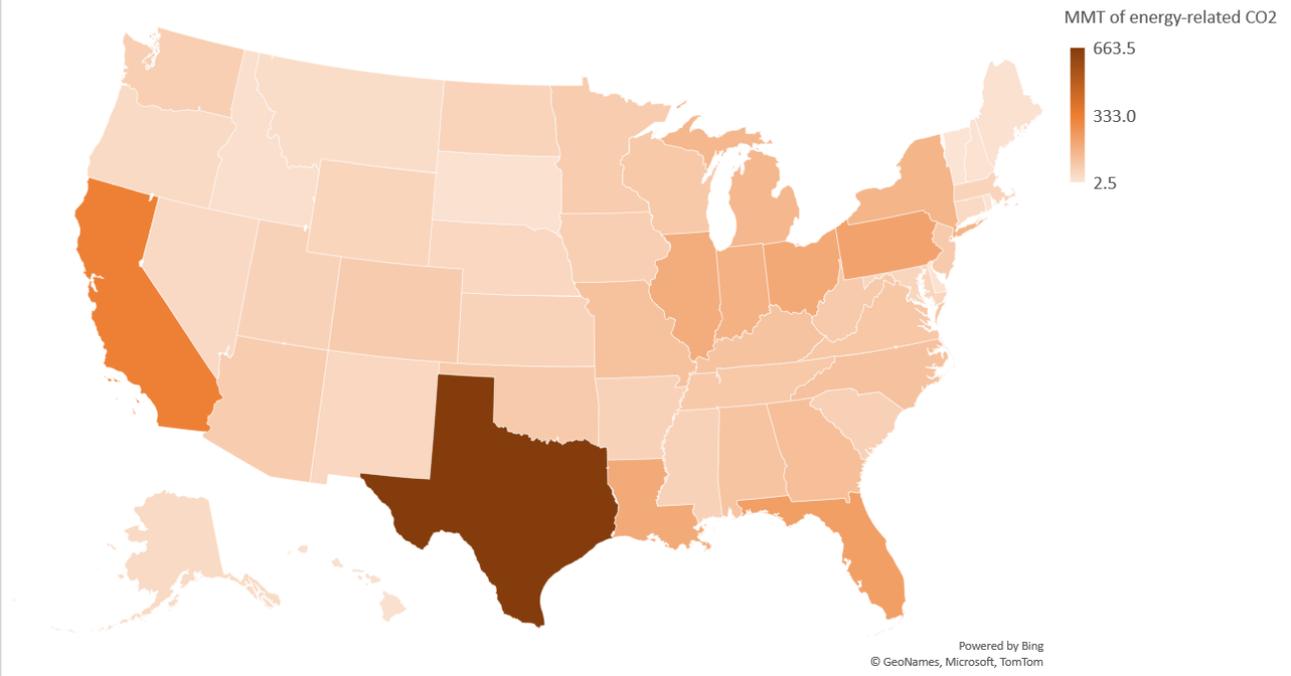
- "Investing in America" The White House, 6 Feb. 2024.
- "Inflation Reduction Act Guidebook" The White House, 5 Dec. 2023.
- "Greenhouse Gas Inventory Data Explorer" EPA, 18 Aug. 2023.
- "Energy-Related CO2 Emissions Data Tables", EIA, 12 Jul. 2023.

# Appendix



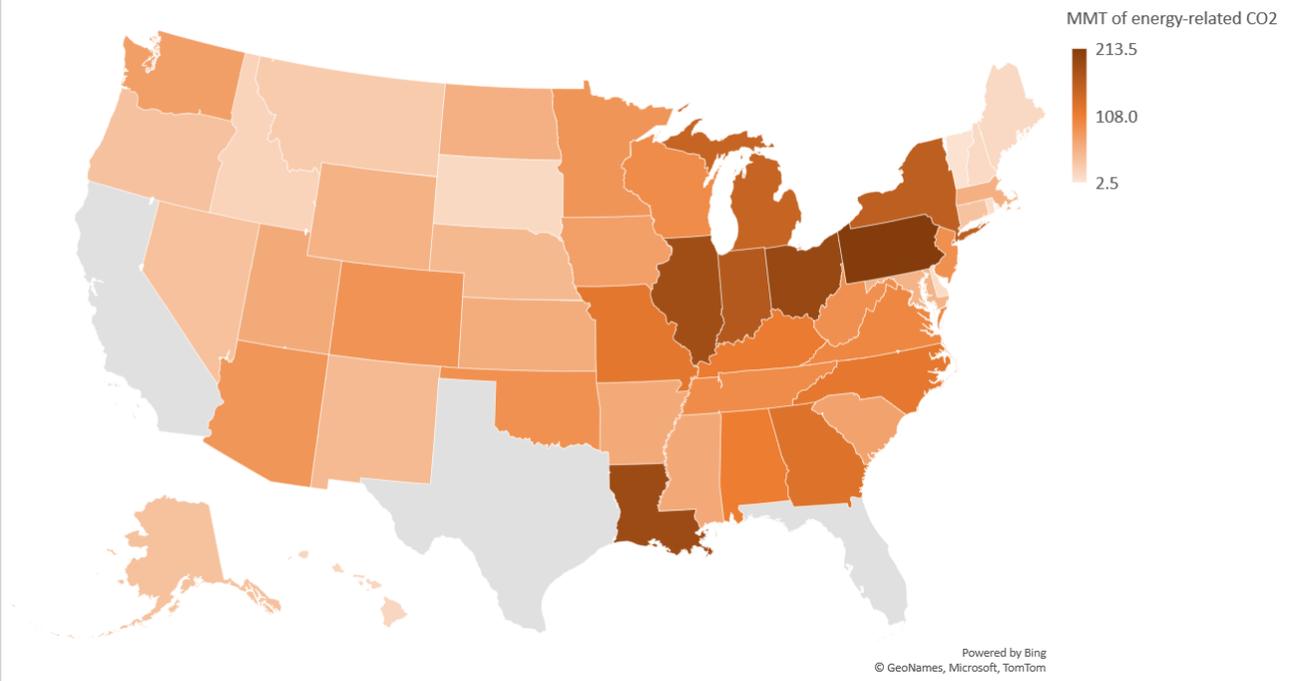
**Heatmap of Announced IRA+ Funding**

### Total State energy-related CO2 emissions



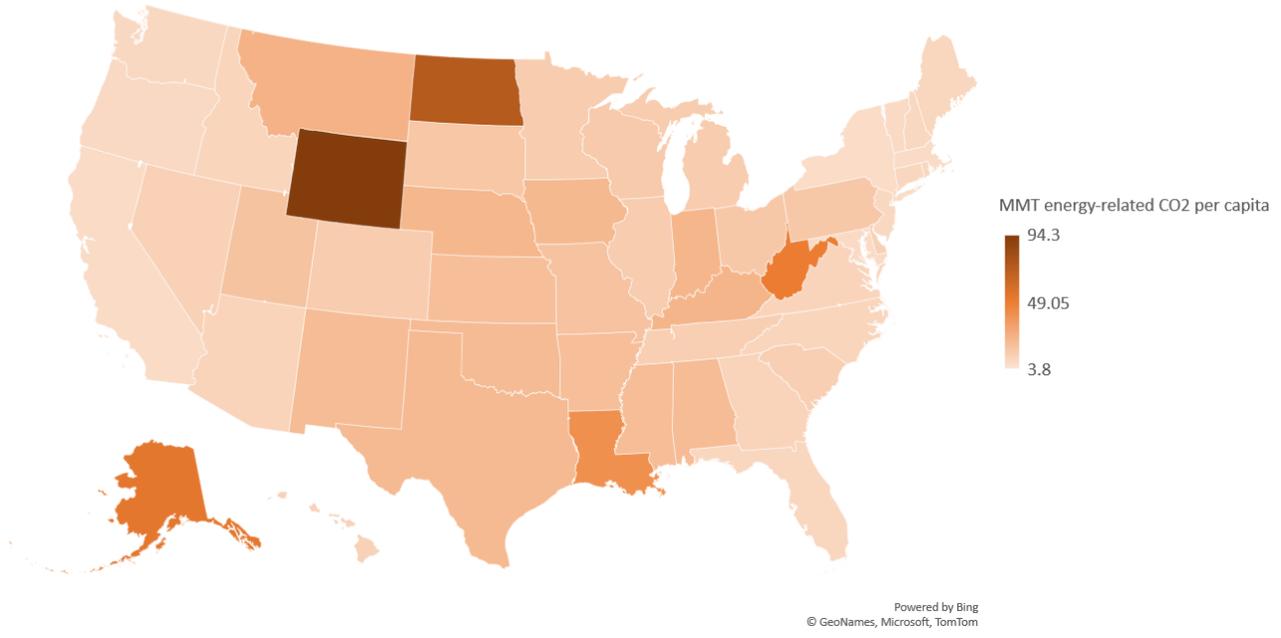
### Heatmap of CO2 Emissions by State

### Total State energy-related CO2 emissions (Excluding Top 3)



### Heatmap of CO2 Emissions by State (Excluding top 3)

## Total State energy-related CO2 emissions per capita



Heatmap of CO2 Emissions per Capita by State