



Utah Climate Action Network

Utah Carbon Footprint Data & Trends

April 2017



Overview

This brief report was created to reflect energy-related carbon dioxide (CO₂) emissions from fossil fuel combustion in Utah. All data in the report were derived from the U.S. Energy Information Administration (EIA) website from the webpage titled “Energy-Related Carbon Dioxide Emissions at the State Level, 2000-2014.”¹ The report demonstrates high-level state carbon emissions trends and may be leveraged for more detailed analyses by the Utah Climate Action Network and its participants.

Data Source and Methodology

Data reflected within this report are derived directly from the U.S. Energy Information Administration (EIA). The below definition and context were provided by EIA to accompany the original data source.

“The term ‘energy-related CO₂ emissions,’ as used in this paper, includes emissions released at the location where fossil fuels are consumed. Therefore, to the extent that fuels are used in one state to generate electricity that is consumed in another state, emissions are attributed to the former rather than the latter. Analysis attributing emissions to the consumption of electricity, rather than the production of electricity, would yield different results. For feedstock application, carbon stored in products such as plastics are subtracted from reported emissions for the states where they are produced.”

While this report focuses on Utah-based emissions, data for all 50 states and the U.S. as a whole are accessible through the EIA website for further analysis.

About the Utah Climate Action Network

The Utah Climate Action Network is a partnership between government, research institutions, non-profits and foundations, faith-based organizations, the private sector and individuals working to respond to climate change in Utah. The Network Mission is to:

“Foster diverse conversation, leadership, and coordinated action to ensure a collaborative response to climate change and its impacts on the people, economies, and prosperity of Utah.”

The Network delivers on its mission by supporting the following activities:

- Cross-sector relationships and connections
- Shared understanding of local climate change issues and solutions
- Collaborative regional climate action and long-term resilience efforts

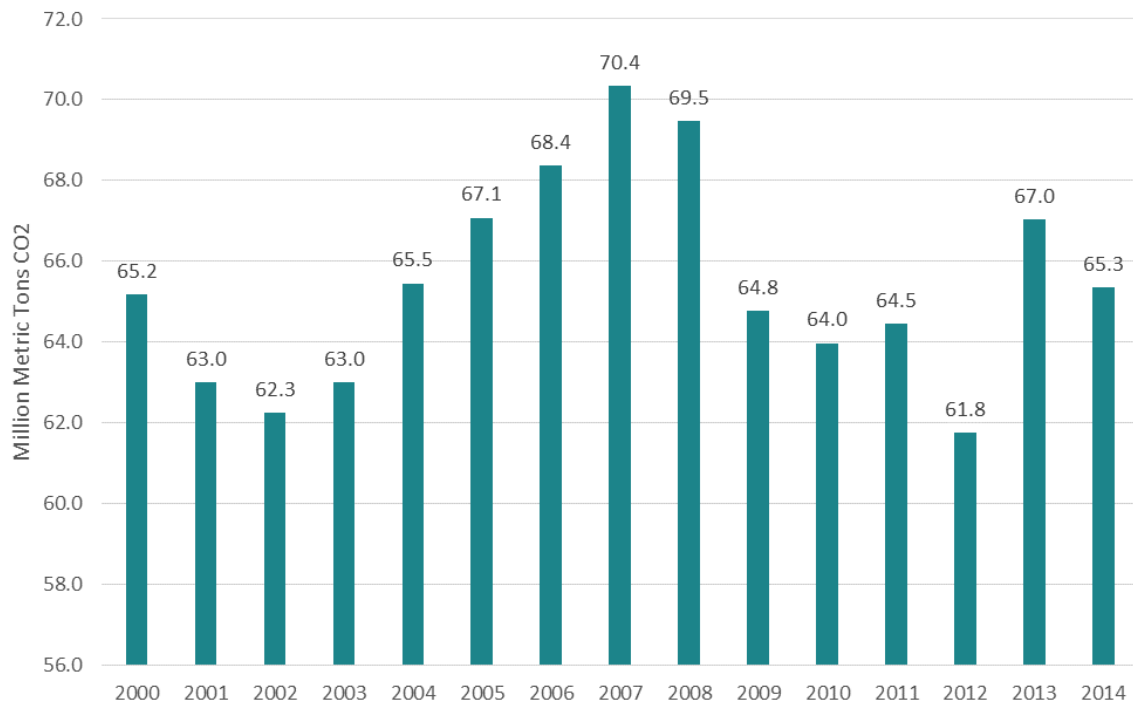
More details on the Network, including contact information, is available at:

<http://www.utahclimateactionnetwork.com/>

¹ U.S. Energy Information Administration. (2017, January 17). Energy-Related Carbon Dioxide Emissions at the State Level, 2000-2014. Retrieved April 20, 2017, from <https://www.eia.gov/environment/emissions/state/analysis/>

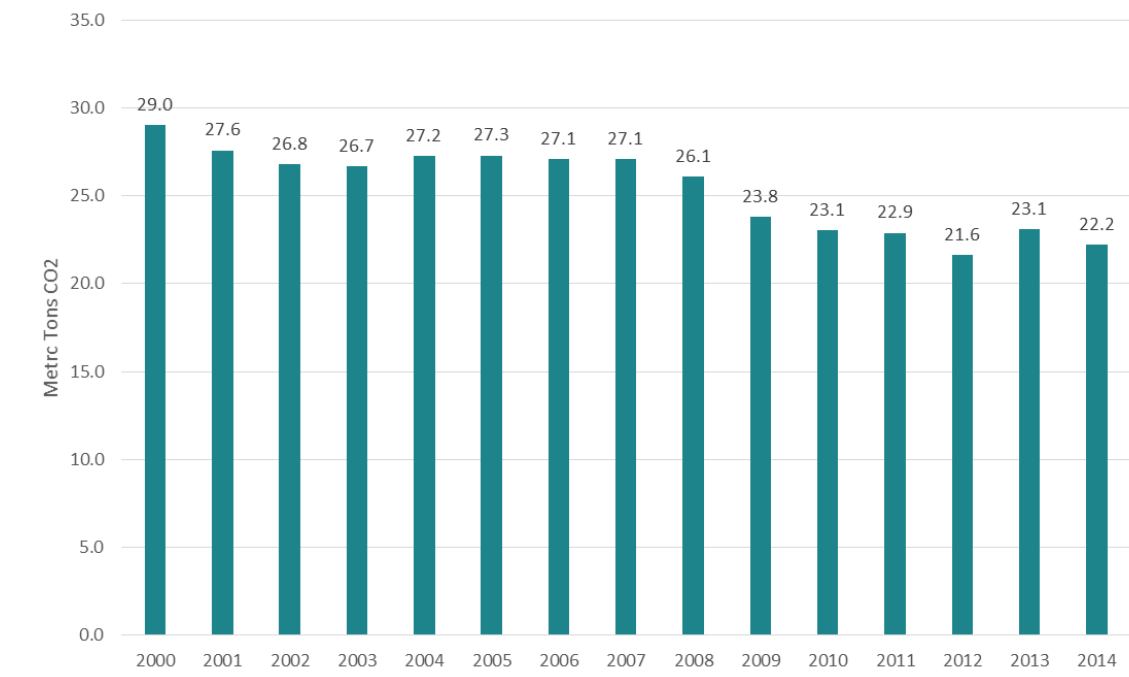
Utah Energy-Related Overall Emissions

Total annual CO₂ emissions from the combustion of fossil fuels in Utah.



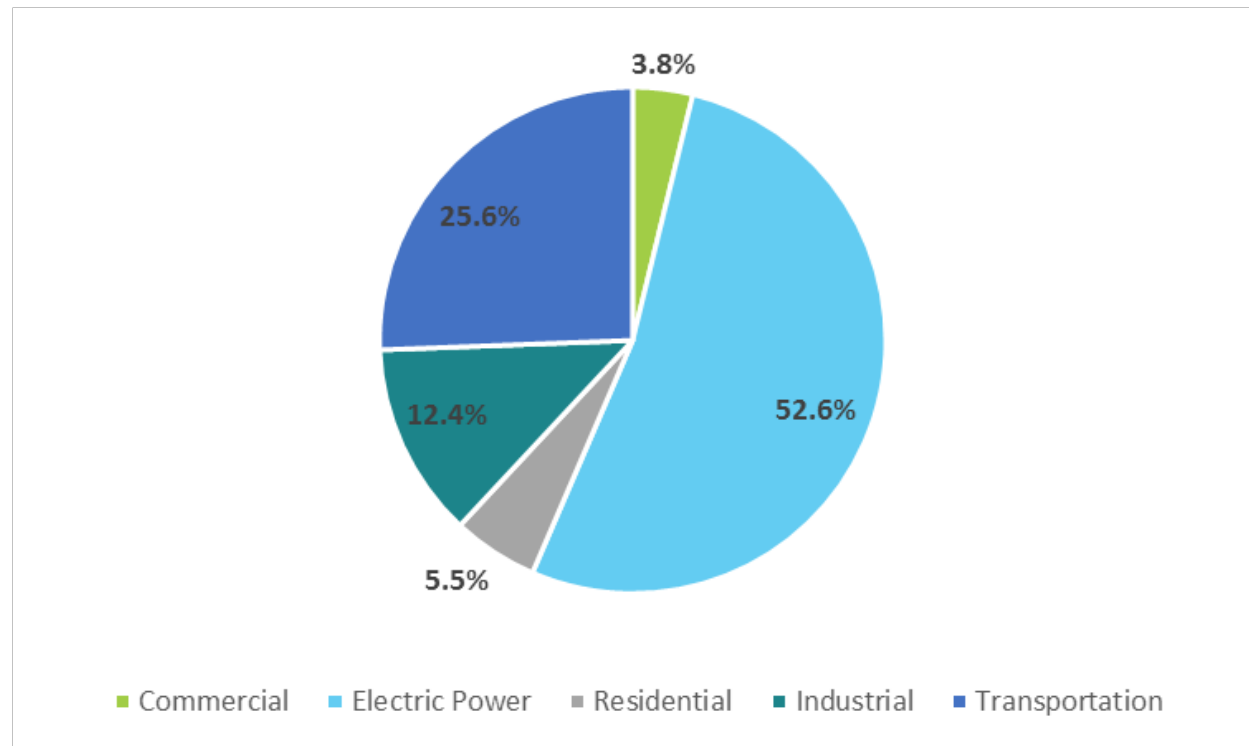
Utah Energy-Related Emissions Per Capita

Per-capita annual CO₂ emissions from the combustion of fossil fuels in Utah.



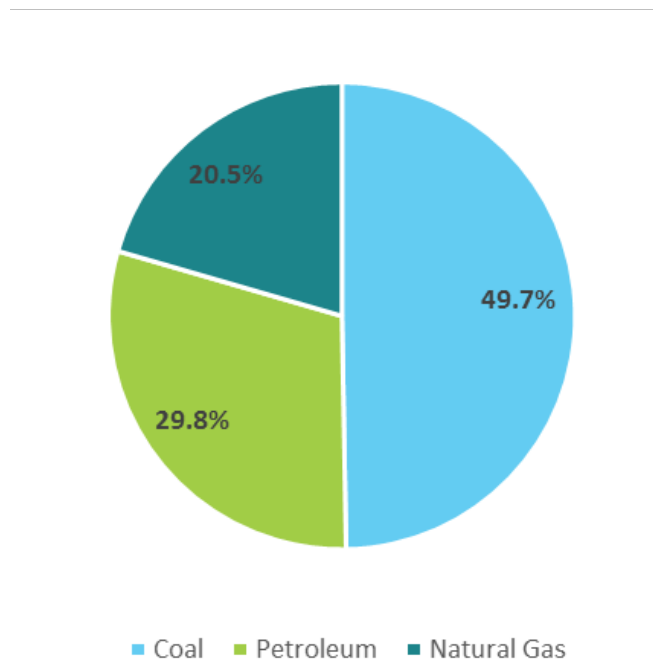
Utah Energy-Related Emissions by Sector | 2014

CO₂ emissions by primary sector from the combustion of fossil fuels in Utah during 2014.



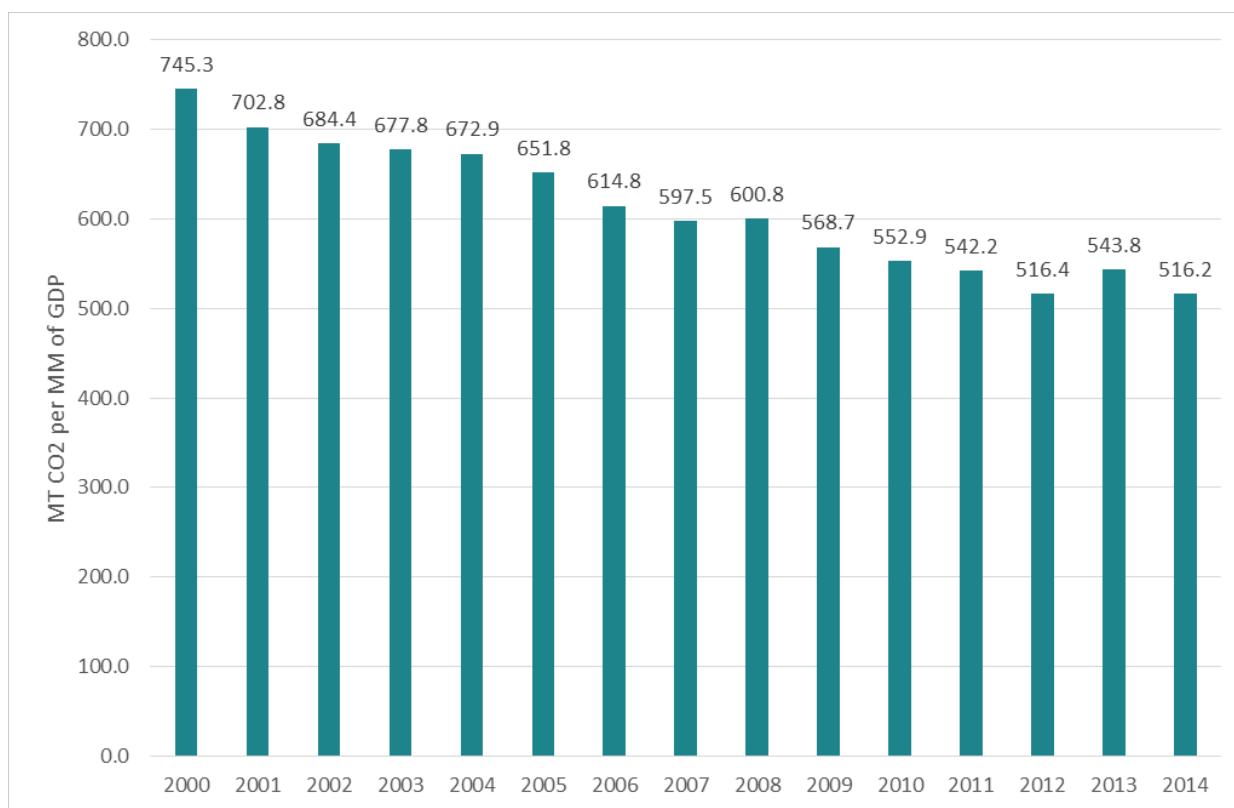
Utah Energy-Related Emissions by Energy Type | 2014

CO₂ emissions by energy type from the combustion of fossil fuels in Utah during 2014.



Utah Energy-Related Carbon Intensity of Economic Output

Energy-related CO₂ emissions divided by in-state Gross Domestic Product (GDP) annually.



Acknowledgements

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