

What's Your Carbon Footprint?

Find out with the Carbon Calculator Available Today!

Did you know...

Your vehicle's carbon footprint is more than just the tailpipe emissions and includes all the activities that are needed to get the fuel from its source to the car. For example, crude oil drilling, pumping, refining, and shipping contribute to the carbon footprint of gasoline. When researchers examine vehicles and fuels in this way, it is commonly called a well-to-wheels analysis.

Opportunity

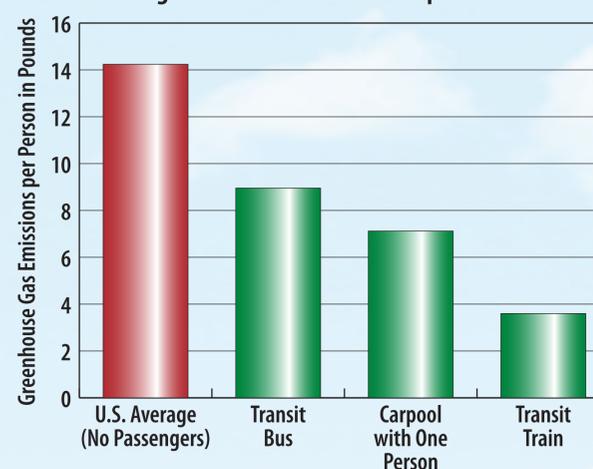
While you are here today, you may use the Carbon Calculator to estimate your travel carbon footprint and find ways to potentially reduce it. The Carbon Calculator uses results from the Greenhouse gases, Regulated Emissions, and Energy use in Transportation (GREET) model developed at Argonne with fuel economy data from the Environmental Protection Agency and statistics from the Oak Ridge National Laboratory's Transportation Energy Data Book.

Argonne's Solution

Argonne researchers created the GREET model to calculate greenhouse gas emissions, air pollutants, and energy use of various fuel and vehicle systems. GREET can estimate emissions and energy use of vehicles powered by everything from Brazilian sugarcane to hydrogen fuel cells.

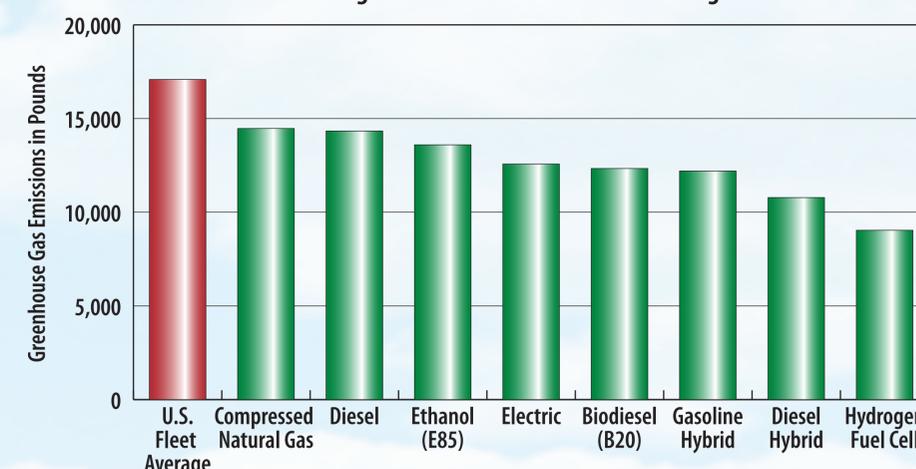
You may use the Carbon Calculator to estimate your greenhouse gas emissions by visiting www.transportation.anl.gov/modeling_simulation/GREET/carbon_calculator.html or trying it out at our booth today.

Greenhouse Gas Emissions for a 10-Mile Trip to Argonne Using Different Modes of Transportation



Average greenhouse gas emissions for a 10-mile trip to the Laboratory with various means of transportation.

Annual Greenhouse Gas Emissions Driving 12,000 Miles Using Different Vehicle Fuels/Technologies



Average annual greenhouse gas emissions for cars with various fuel types and vehicle technologies that are driven 12,000 miles per year.

Potential Benefits

You may reduce your carbon footprint through your daily travel choices, such as carpooling or taking mass transit. Another way is to change the car you drive. Cars with a high fuel economy or those that use alternative fuels can reduce your footprint.

Industry Partnerships

Argonne researchers work with industry and government experts to incorporate new data into GREET. There are more than 10,000 users of GREET worldwide, including government agencies, the auto and energy industries, research institutions, universities, and public interest groups.

Visit www.transportation.anl.gov to learn more!



INVENTING THE FUTURE. *efficient. clean. safe.*



Research funding provided by the U.S. Department of Energy's Vehicle Technologies Program.

