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Energy and the Environment

Step 1 - Enter and convert data

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Greenhouse Gas Equivalencies Calculator

Convert emissions or energy data into concrete terms you can understand — such as the annual CO₂ emissions of cars, households, and power plants.

The Greenhouse Gas Equivalencies calculator allows you to convert emissions or energy data to the equivalent amount of carbon dioxide (CO₂) emissions from using that amount. The calculator helps you translate abstract measurements into concrete terms you can understand, such as the annual emissions from cars, households, or power plants. This calculator may be useful in communicating your greenhouse gas reduction strategy, reduction targets, or other initiatives aimed at reducing greenhouse gas emissions.

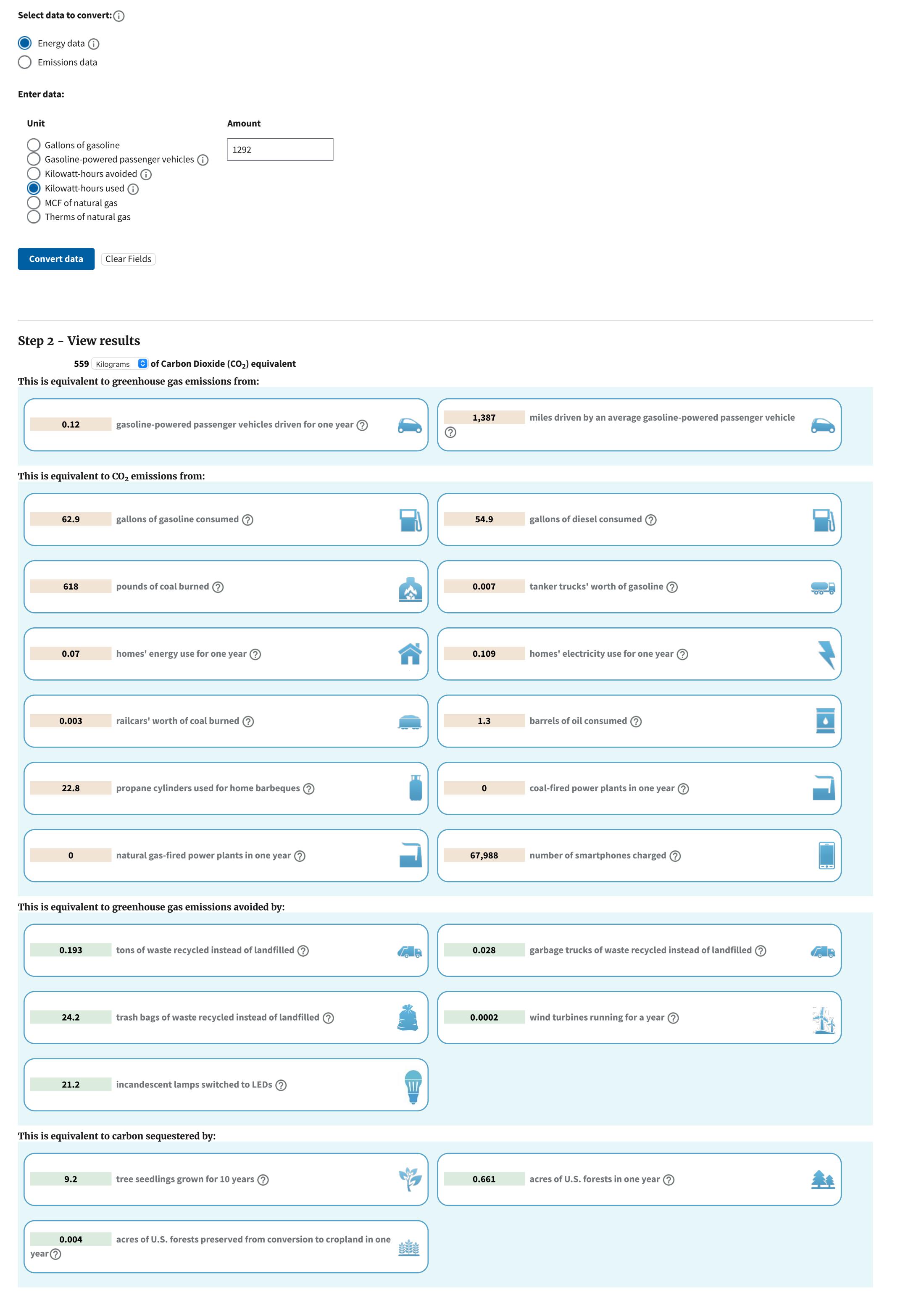


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Updated March 2022

These estimates are approximate and should not be used for emission inventories or formal carbon emissions analysis. See Calculations & References for equations and sources used.

CALCULATOR



About This Calculator

- Calculations & References
- Frequent Questions • Revision History
- Learn About Greenhouse Gas Emissions
- Calculador de equivalencias de gases de efecto invernadero (en español)

Other Resources

- Power Profiler
- Waste Reduction Model
- AVERT AVoided Emissions and geneRation Tool
- COBRA CO-Benefits Risk Assessment Health Impacts Screening and_Mapping_Tool
- Multiple Benefits of Clean Energy

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Put the calculator on your website using our widget.

Greenhouse Gas Equivalencies Calculator

Contact Us to ask a question, provide feedback, or report a problem.



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