Environmental Topics ✓ Laws & Regulations >

Updated March 2022

Report a Violation ✓

About EPA ✓

Energy and the Environment

Greenhouse Gas Equivalencies Calculator

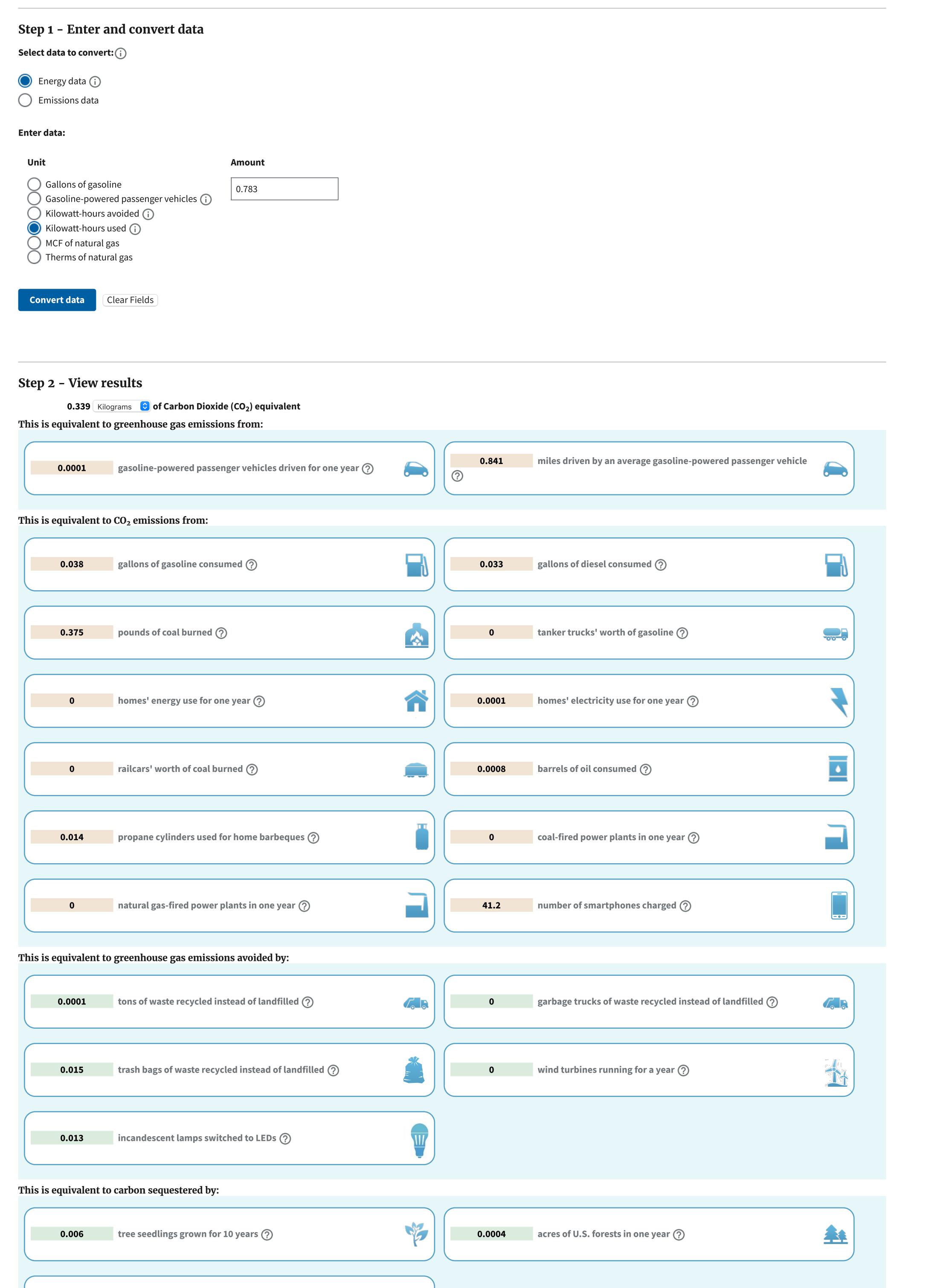
Convert emissions or energy data into concrete terms you can understand — such as the annual CO₂ emissions of cars, households, and power plants.

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.



CONTACT US

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.



About This Calculator

- Calculations & References
- Frequent Questions • Revision History

year?

- Learn About Greenhouse Gas Emissions
- Calculador de equivalencias de gases de efecto invernadero (en español)

Other Resources

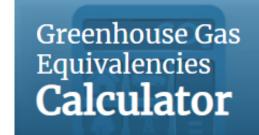
Power Profiler

acres of U.S. forests preserved from conversion to cropland in one

- 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

Get the Widget

Put the calculator on your website using our widget.



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



Discover.

Accessibility **Budget & Performance**

Contracting

EPA www Web Snapshot

Grants

No FEAR Act Data

Plain Writing Privacy

Privacy and Security Notice

Connect.

Data.gov EXIT **Inspector General**

Newsroom

Open Government Regulations.gov EXIT

Subscribe

USA.gov EXIT White House EXIT

Ask.

Contact EPA

EPA Disclaimers Hotlines

FOIA Requests Frequent Questions

Follow.



LAST UPDATED ON MARCH 28, 2022