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Carbon Footprint Calculator

Household Carbon Footprint Calculator

Home Energy

Transportation

Waste

Home Energy

[-] Your Current Emissions from Home Energy

Heating

What is your household's primary heating source?

Natural Gas

Utility

Enter your average monthly bill or other data for each source of energy your household uses.

Click the icons, below for each U.S. average

Natural Gas

75

Electricity

145

Fuel Oil

0

Propane

0

Dollars	Dollars	Dollars	Dollars
	% electricity		
10,077 lbs.	10,657 lbs.	0 lbs.	0 lbs.
<i>Estimated pounds of CO₂/year</i>			

Your Carbon Footprint

Annual CO₂ emissions (lbs.)

Your Current Total:
20,734

New Total After Your Planned Actions:
19,922

U.S. Average*:
8,526

**for a household of 1 people in Zip Code 02130*

Start Over

View Your Report

[-] Reduce Your Emissions

			Estimated Annual Savings
Heating & Cooling			
Free	Turn up A/C thermostat in summer by	<input type="text"/>	°F \$0 0 lbs of CO ₂
Free	Turn down heating thermostat on winter nights by	3	°F \$51 571 lbs of CO ₂
<hr/>			
Lighting			
\$	Replace incandescent lightbulbs with ENERGY STAR® lights	10	\$40 240 lbs of CO ₂
<hr/>			
Power Source & Settings			
Free	Enable the power management features on your computer	Will Not Do	\$0 0 lbs of CO ₂

\$ Increase your household Green Power usage by **\$0 0 lbs of CO₂**

Washing & Drying

Estimated Annual Savings

Free Wash your clothes in cold water **\$12 73 lbs of CO₂**

Free Use clothes line or drying rack instead of dryer **\$46 280 lbs of CO₂**

ENERGY STAR Products

Estimated Annual Savings

Replace the following products with ENERGY STAR models

\$\$ Refrigerator **\$38 234 lbs of CO₂**

\$\$\$ Furnace or boiler **\$78 728 lbs of CO₂**
Note: Only applicable if your Primary Heating Source is Natural Gas or Fuel Oil.

\$\$\$ Windows **\$150 2,947 lbs of CO₂**

Continue to Transportation

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Transportation

Household Carbon Footprint Calculator

Home Energy

Transportation

Waste

Transportation

[-] Your Current Emissions from Transportation

Vehicles

How many vehicles does your household have?

Estimated CO₂ Emissions

Current Maintenance

\$ Perform regular maintenance on your vehicle(s)

Vehicle 1

On average, miles you drive:

Miles

Average gas mileage:

Miles per gallon

4,257 lbs of CO₂

[-] Reduce Your Emissions

Vehicle 1: 6,000 miles/year, avg. 28 MPG

Free Reduce the number of miles you drive by: Miles

\$0 0 lbs of CO₂

\$\$\$ Replace vehicle 1 with one that gets: Miles per gallon

\$0 0 lbs of CO₂

[Back to Home Energy](#)

[Continue to Waste](#)

Your Carbon Footprint

Annual CO₂ emissions (lbs.)

Your Current Total:
24,991

New Total After Your Planned Actions:
24,180

U.S. Average*:
19,010

**for a household of 1 people in Zip Code 02130*

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[View Your Report](#)

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Waste

Household Carbon Footprint Calculator

Home Energy

Transportation

Waste

Waste

[-] Your Current Emissions from Waste

Waste

Estimated CO₂ Emissions

Average waste emissions for a household of 1 people:

692 lbs

Which of the following products do you currently recycle in your household?

Free	<input checked="" type="checkbox"/> aluminum & steel cans	291 lbs
	<input checked="" type="checkbox"/> plastic	
	<input checked="" type="checkbox"/> glass	
	<input checked="" type="checkbox"/> newspaper	
	<input checked="" type="checkbox"/> magazines	
Your total waste emissions after recycling:		401 lbs

[-] Reduce Your Emissions

**You recycle all common household products. Keep up the good work!
Visit [Climate Change and Waste](#) for more you can do.**

\$

Back to Transportation

Continue to Report

Your Carbon Footprint

Annual CO₂ emissions (lbs.)

Your Current Total:
25,392

New Total After Your Planned Actions:
24,580

U.S. Average*:
19,702

**for a household of 1 people in Zip Code 02130*

Start Over

View Your Report

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Your Household Carbon Footprint Report

Household Carbon Footprint Calculator

Home Energy

Transportation

Waste

Your Household Carbon Footprint Report

Make a selection in all calculator sections and fields to improve your results.

Your Household Carbon Footprint

Print/Save

View Your Annual Estimated CO₂ Emissions (lbs) from...

- Home Energy
- Transportation
- Waste

Your Current Total





Your Planned Actions Are Equal to:

Saving

OR

Planting

OR

Recycling

41 gallons of gas

9 trees

261 tons of waste

Let friends know what you're doing to reduce CO₂ emissions

Share It!

Small Actions Add Up



If 100 of your friends took these actions, **over 5 years** their households would avoid **405,736** pounds of emissions, equivalent to the emissions from burning **20,700** gallons of gasoline.

If you take all of the new actions you've selected:

Turn down heating thermostat on winter nights by 3°F

Dollar Savings

\$51

CO₂ Reduction

571 lbs.

Replace 10 incandescent light bulbs with ENERGY STAR lights

\$40

240 lbs.

Your Estimated Totals:

\$91

811 lbs.

By taking all of the actions you are already doing:

Wash your clothes in cold water

Dollar Savings

\$12

CO₂ Reduction

73 lbs.

Use clothes line or drying rack instead of dryer for 50% of your laundry	\$46	280 lbs.
Replace your refrigerator with ENERGY STAR models	\$38	234 lbs.
Replace your furnace or boiler with ENERGY STAR models	\$78	728 lbs.
Replace your window with ENERGY STAR models	\$150	2,947 lbs.
Perform regular maintenance on your vehicles	\$55	298 lbs.
Recycling: newspapers, glass, plastic, aluminum and steel cans, magazines		291 lbs.
Your Estimated Totals:	\$379	4,851 lbs.

For More Information

Visit these websites to learn more about climate change and how you can reduce your carbon footprint.

About Climate Change

- EPA's Climate Change Site
- A Student's Guide to Climate Change

Home Energy Use

- EPA's Climate Change Site: What You Can Do at Home
- ENERGY STAR Home Advisor
- ENERGY STAR Home Energy Yard Stick
- My ENERGY STAR

Transportation

Waste

- EPA's Climate Change and Waste page

- EPA's Climate Change Site: What You Can Do on the Road
- EPA's Green Vehicle Guide
- Fueleconomy.gov
- EPA's Sustainable Materials Management Program

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