

Global Warming —

## What's Your Score?

In the United States, a typical household of two people generates approximately 41,500 pounds of carbon dioxide (CO<sub>2</sub>) emissions every year from household activities and personal transportation.

EMISSIONS SOURCE

POUNDS OF CO<sub>2</sub>  
EMITTED PER YEAR



United States  
Environmental Protection  
Agency

Office of Air and Radiation  
Office of Atmospheric  
Programs

EPA-430-F-08-010  
June 2008

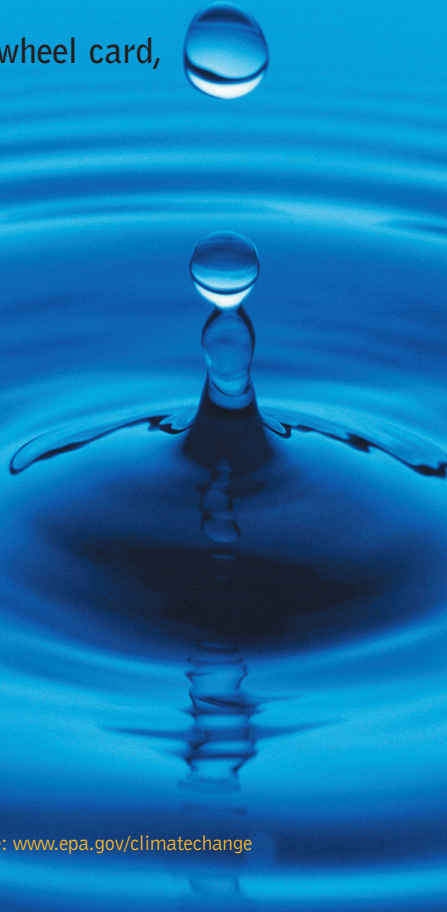


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# What Can You Do?

**ACTIONS YOU CAN TAKE**

If you took all of the actions on this wheel card, you could save 14,400 pounds of carbon dioxide (CO<sub>2</sub>) annually and over \$1,600 from your annual home energy bill and gasoline costs.



**POUNDS OF CO<sub>2</sub>  
YOU CAN SAVE**

## Resources

U.S. Environmental Protection Agency climate change website: [www.epa.gov/climatechange](http://www.epa.gov/climatechange)

Energy Star website: [www.energystar.gov](http://www.energystar.gov)

For more precise calculations and a summary of assumptions used in this wheel card: [www.epa.gov/climatechange/calc](http://www.epa.gov/climatechange/calc)

# Home Heating

- Replace 10 75-watt incandescent light bulbs with 20-watt Energy Star lights.
- Replace old refrigerator with a new Energy Star model.
- Turn up your air conditioner's thermostat by 2 degrees Fahrenheit in summer.

900 lbs./year  
 3,000 lbs./year  
 3,000 lbs./year

## Global Warming — What Can You Do?

- Recycle half of your potentially recyclable materials (paper, plastics, glass, magazines, aluminum and steel cans).
- Reduce your waste generation by 25 percent.

1,100 lbs./year  
 700 lbs./year  
 300 lbs./year

# Waste Disposal

- Buy a vehicle that gets 10 miles per gallon more than your current one.
- Reduce the number of miles you drive by 25 miles per week by walking, biking, carpooling, mass transit instead.

400 lbs./year  
 500 lbs./year

- Turn down your heating thermostat by 8 degrees Fahrenheit on winter nights.
- Replace single-glazed windows with Energy Star windows.
- Replace your old gas or oil furnace or boiler with an Energy Star model.

3,600 lbs./year  
 900 lbs./year

# Transportation

# Electricity Use

## Home Heating

On average, how many miles do you put on your car(s) per week? If you have more than one car, use the total number of miles per week for all your cars.

- 200 miles
- 400 miles
- 600 miles

5,100 lbs./year  
 10,200 lbs./year  
 20,500 lbs./year

## Transportation

Which of the following scenarios best describes your household's waste disposal practices?

- We don't recycle at all.
- We recycle about half of all recyclable materials (paper, plastics, glass, magazines, aluminum and steel cans).
- We recycle everything we can.

10,800 lbs./year  
 21,600 lbs./year  
 32,300 lbs./year

Global Warming —  
What's Your Score?

- \$200
- \$100
- \$50

What is your average monthly electric bill? Pick closest amount.

2,000 lbs./year  
 1,600 lbs./year  
 1,100 lbs./year

What is your average monthly heating bill? Pick closest amount.

- 002\$
- 001\$
- \$50

7,700 lbs./year  
 15,500 lbs./year  
 31,000 lbs./year

## Waste Disposal

## Electricity Use