

COOL CONGREGATIONS CARBON CALCULATOR

Step 1. Gather the Details (for the past 12 months):

First Auto: make/model/yr/current odometer: _____
 1. Miles driven: _____
 2. Mpg (www.fueleconomy.gov): _____

Second Auto: make/model/yr/current odometer: _____
 3. Miles driven: _____
 4. Mpg (www.fueleconomy.gov): _____

Flights
 5. Total miles flown: _____
 (www.usatoday.com/travel/flights/miles/calculator.html)

Electricity
 6. Total kilowatts (KWH) of electricity: _____

Gas, or... (you only use one of these 3 in your home...)
 7a. (Gas) Total therms of gas (if mcf, 1mcf x 10.3 = 1 therm): _____
 7b. (Heating Oil) Total gallons heating oil: _____
 7c. (Propane) Total gallons propane: _____

Garbage
 8. Total gallons of garbage/wk: _____

Step 2. Calculate (use #1 through #8 above and circle answers as you go)

Autos (Miles driven divided by Mpg. Multiply that answer by 22 lbs to get CO2)
 #1 divided by #2 = _____ multiplied by 22 lbs* = _____ lbs CO2 by first auto
 #3 divided by #4 = _____ multiplied by 22 lbs = _____ lbs CO2 by second auto

Flights
 #5 multiplied by .9 lbs* = _____ pounds CO2 by flights/yr

Electricity
 #6 multiplied by 2.2 lbs* = _____ pounds CO2 by electricity/yr

Gas, or...
 #7a multiplied by 11 lbs* = _____ pounds CO2 by gas/yr
 #7b multiplied by 22 lbs* = _____ pounds CO2 by heating oil/yr
 #7c multiplied by 13 lbs* = _____ pounds CO2 by propane/yr

Garbage
 #8 multiplied by 100 lbs* = _____ pounds CO2 by garbage/yr

Your Household's Carbon Footprint = _____ Total Pounds CO2
 (add all totals from step 2)

* indicates approximate pounds of CO2 released per unit. For example, 22 lbs CO2 per gallon of gasoline, or .9 lbs CO2 per flight mile.