

Form

**CO2EZ**

**For Computation of Yearly CO<sub>2</sub> Emissions to  
Worldwide Ecosystem**

**2008**

**Transportation**

**Estimate annual amounts.**

- 1 Number of miles traveled by primary vehicle last year : \_\_\_\_\_  
    ÷ by average miles per gallon \_\_\_\_\_ : \_\_\_\_\_  
    x by 20 lbs CO<sub>2</sub>/gallon of gas : \_\_\_\_\_ lb CO<sub>2</sub>
- 1a Repeat the above for all additional cars, motorcycles etc.  
 and add: \_\_\_\_\_ lb CO<sub>2</sub>
- 2 Number of miles of air travel per year (all household  
 members): \_\_\_\_\_  
    x 0.7 lb CO<sub>2</sub>/mile : \_\_\_\_\_ lb CO<sub>2</sub>
- 3 **Total Transportation Emissions (in lbs of CO<sub>2</sub>)**  
    Add (1), (1a), (2) \_\_\_\_\_ lb CO<sub>2</sub>

**Electricity**

**Look at most recent utility bills.**

- 4 Kilowatt hours of electricity used per year (if using  
 100% renewable energy enter "0") : \_\_\_\_\_
- 5 **Total Electricity Emissions (in lbs of CO<sub>2</sub>)**  
    x 1.5 lb CO<sub>2</sub>/kWh : \_\_\_\_\_ lb CO<sub>2</sub>

**Heating**

**Look at most recent utility bills.**

- 6 Therms of natural gas per year (or "ccf" or 100 x cubic feet) : \_\_\_\_\_  
    x 12 lb CO<sub>2</sub>/therm : \_\_\_\_\_ lb CO<sub>2</sub>
- 7 Gallons of heating oil per year (if heating by oil): \_\_\_\_\_  
    x 25 lb CO<sub>2</sub>/gal : \_\_\_\_\_ lb CO<sub>2</sub>
- 8 **Total Home Heating Emissions (in lbs of CO<sub>2</sub>)**  
    Add (6), (7) \_\_\_\_\_ lb CO<sub>2</sub>

**Total**

- 9 **Total Emissions, per year, for household (in lbs of CO<sub>2</sub>)**  
    Add (3), (5), (8) \_\_\_\_\_ lb CO<sub>2</sub>
- 10 **Total Emissions, per year, for household (in tons of CO<sub>2</sub>)**  
    ÷ by 2200 lb/ton \_\_\_\_\_ tons

**Sign  
Here**

Your signature	Date	Number in household
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Your name (& contact info if you want to be contacted)

Check here to indicate that you are signing your household up to exceed the Kyoto Protocol, by ALSO committing to reducing your household emissions 5% annually until our ecosystem regains its balance.

<b>Use this form if...</b>	You've ever wondered what Global Warming has to do with your own life. You'll see how you contribute to Global Warming and Climate Change, and how you can make a difference.
<b>Averages &amp; target</b>	<p>The US household average is <b>20 tons</b> annually.</p> <p>The Philadelphia household average is <b>15.7 tons</b> annually or about <b>6 tons per person</b>. This is based on 1997 figures. Details: Transportation: <b>3.0 tons</b>, Electricity: <b>3.7 tons</b>, Home heating: <b>9.0 tons</b></p> <p>Our target for sustainability is <b>3.3 tons per person</b> annually. Even though this may sound extreme, note that there are instances of Philadelphia households living in row homes and twins built circa 1920 already at this target.</p>
<b>Credits for those already on a low-carbon lifestyle</b>	<p>For those that are avid recyclers, give yourself a credit of <b>2400 lbs</b> of CO<sub>2</sub> for the year.</p> <p>For those on a vegetarian diet, give yourself a credit of <b>800 lbs</b> of CO<sub>2</sub> for the year since the average beef-eater is responsible for an equivalent of 800 lbs of CO<sub>2</sub> more each year from the methane emitted by cows.</p> <p>For those that compost kitchen scraps, give yourself a credit of <b>500 lbs</b> of CO<sub>2</sub> for the year, assuming you compost one 5-gallon bucket per week.</p>
<b>Learn More about Global Warming</b>	<p>Visit these sites to learn more about global warming:</p> <p><a href="http://www.climatecrisis.net">www.climatecrisis.net</a>  <a href="http://www.stopglobalwarming.org">www.stopglobalwarming.org</a>  <a href="http://www.fightglobalwarming.com">www.fightglobalwarming.com</a></p>
<b>Carbon offsets...</b>	<p>Carbon offsets may be purchased at the cost of approximately \$12 per ton. Learn more from:</p> <p><a href="http://www.nativeenergy.com">www.nativeenergy.com</a>  <a href="http://www.cleanair-coolplanet.org/ConsumersGuidetoCarbonOffsets.pdf">http://www.cleanair-coolplanet.org/ConsumersGuidetoCarbonOffsets.pdf</a>  <a href="http://www.tufts.edu/tie/tci/carbonoffsets/">http://www.tufts.edu/tie/tci/carbonoffsets/</a></p>
<b>Filling in your return</b>	<p>Line 1. To figure out how many miles driven each year, look at two of your car's Vehicle Emissions Reports from the Commonwealth of Pennsylvania. This should list the odometer reading, and should be about a year apart. Subtract one from the other.</p> <p>Line 1. To lookup your car's rated mileage, have handy the make, model &amp; year of your car, and go to:  <a href="http://www.fueleconomy.gov/feg/findacar.html">www.fueleconomy.gov/feg/findacar.html</a></p> <p>Line 2. To figure out the miles flown, look at your ticket stub. Or go to:  <a href="http://www.airtimetable.com">www.airtimetable.com</a></p> <p>Line 4. To figure out how much electricity you used in the last year, look at page 2 of your current electricity bill. Use the number next to 'Total Annual kWh Usage'.</p> <p>Line 6. To figure out how much natural gas you used in the last year, look at page 2 of your current gas bill. Use the number next to 'Total Ccf', beneath 'LAST 12 MONTHS'.</p>
<b>Mailing return</b>	<p>If you live in Southeastern Pennsylvania, mail the Form CO2EZ to:</p> <p>Mt Airy Greening Net  Attn: Atmospheric Revenue Service  518 Carpenter Lane, Philadelphia PA 19119</p> <p>Include phone or email address if you want help to reduce your obligation to the Worldwide Ecosystem in 2009. We'll send you an annual reminder to see how you've made a difference.</p>
<b>Due Date</b>	April 22nd, 2009