

Form

CO2EZ

**For Computation of Yearly CO₂ Offset
Obligation to Worldwide Ecosystem**

2006

Rev. 2007.03a

Transportation

Estimate annual amounts.

- 1 Number of miles traveled by primary vehicle last year : _____
 ÷ by average miles per gallon _____ :
 x by 20 lbs CO₂/gallon of gas : _____ lb CO₂
- 1a Repeat the above for all additional cars, motorcycles etc.
 and add: _____ lb CO₂
- 2 Number of miles of air travel per year (all household
 members): _____
 x 0.7 lb CO₂/mile : _____ lb CO₂
- 3 **TOTAL TRANSPORTATION**
 Add (1), (1a), (2) _____ lb CO₂

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**
 x 1.5 lb CO₂/kWh : _____ lb CO₂

Heating

Look at most recent utility bills.

- 6 Therms of natural gas per year (or "ccf" or 100 x cubic feet) : _____
 x 12 lb CO₂/therm : _____ lb CO₂
- 7 Gallons of heating oil per year (if heating by oil): _____
 x 25 lb CO₂/gal : _____ lb CO₂
- 8 **TOTAL HOME HEATING**
 Add (6), (7) _____ lb CO₂

TOTAL

- 9 **TOTAL CO₂ EMISSIONS in lb CO₂**, per year, for household
 Add (3), (5), (8) _____ lb CO₂
- 10 **TOTAL CO₂ EMISSIONS in tons**
 ÷ by 2200 lb/ton _____ **tons**

SIGN HERE

Note that a yearly carbon offset may be purchased at the cost of approximately \$10/ton from a variety of sources including nativeenergy.com, carbonfund.org and terrapass.com.

Learn more about global warming at climatecrisis.net, stopglobalwarming.org and fightglobalwarming.com.

Check here to indicate that you commit to purchasing a carbon offset to neutralize your household's greenhouse gas emissions.

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% yearly until a 20% reduction is achieved.

Name: _____ Date: _____
 Number in household: _____

Use this form if...	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.
Averages & target	The US household average is 20 tons annually. The Philadelphia household average is 17.4 tons annually or about 6 tons per person . This is based on 1997 figures. Details: Transportation: 3.4 tons , Electricity: 4.1 tons , Home heating: 9.9 tons , Total: 17.4 tons Our target for sustainability is 3.3 tons per person annually. Even though this may sound extreme, note that there are instances of Philly households living in row homes and twins built circa 1920 already at this target.
Other conversions to lbs of CO₂	For inter-city trains and bus travel, multiply total miles by 0.18 to get lbs of CO ₂ For local trains and bus travel, multiply total miles by 0.76 to get lbs of CO ₂
Credits for those already on a low-carbon lifestyle	For those that are avid recyclers, give yourself a credit of 2400 lbs of CO ₂ for the year. For those on a vegetarian diet, give yourself a credit of 800 lbs of CO ₂ for the year since the average beef-eater is responsible for an equivalent of 800 lbs of CO ₂ more each year from methane emitted by cows.
Filling in your return	<i>list tips on how to avoid common mistakes... incl help with calculating car mileage</i>
Mailing return	If you live in Southeastern Pennsylvania, mail the Form CO2-EZ to: Mt Airy Greening Net Attn: Atmospheric Revenue Service 518 Carpenter Lane, Phila PA 19119 Include phone or email address if you want help to reduce your obligation to the Worldwide Ecosystem in 2007. We'll send you an annual reminder to see how you've made a difference.
Due Date	April 15th, 2007

