

# EXAMPLE Household Carbon Calculator

Your Street Address:

1234 Main Street, Winchester

Date: (the day you filled out this calculator)

December 20, 2010



Please answer the questions below, based on your status just BEFORE starting on an Eco Team. If any questions don't pertain to your household, simply leave them blank.

1. How many gallons of garbage (not recycling) do you put out each week?  
(An average "curbside" garbage can holds 32 gallons)

Enter your numbers in the gray cells only.	Pounds CO2 emitted per year:
32	3,328

2. How many kWh of electricity have you used for the past 12 months?

10,300	14,420
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Enter above kWh again if you are subscribed to 100% NSTAR Green, or Enter half the kWh number if you are subscribed to 50% NSTAR Green.

10,300	-14,420
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3. How many therms of natural gas have you used for the past 12 months?

1,500	17,550
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4. How many gallons of propane have you used for the past 12 months?

5	63
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5. How many gallons of fuel oil have you used for the past 12 months?

700	15,700
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6. How many miles do you put on your primary car per year?  
15,000 miles/year is about average in the United States.

15,000	9,800
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7. If you have a second car, enter the number of miles it drives per year.

6,000	5,900
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8. If you have a third car, enter the number of miles it drives per year.

	0
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9. What is the average gas mileage for your primary car?  
If you're unsure, enter 22 miles per gallon, which is about average.

30	
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10. What is the average gas mileage for your second car, in mpg?

20	
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11. What is the average gas mileage for your third car, in mpg?

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12. For each household member, estimate the annual non-business air travel miles. Then add them all together and enter the total number of miles.

14,000	14,000
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13. Take credit!

If you have purchased carbon offsets for gas or oil heating, or for car or air travel, enter the total pounds CO2 emitted per year you offset.

	0
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**Your Initial Household Carbon Footprint (pounds CO2 emitted per year):**

→ **66,341**

Each number entered is fairly typical of Winchester households. However:

- If a house is electrically heated, the kWh figure would likely be much higher.
- A house would not have both oil and gas heat, as listed here.
- This example shows use of 100% NSTAR Green, but not any offsets yet.

Average CO2 Footprint:

Massachusetts	60,000
Germany	27,000
Sweden	15,000
Kenya	400