

1. INTRODUCTION



Thank you for participating in the 2009 Household Emissions Survey. Please refer to your Survey Guide for clarifications and assistance with calculations (or [click here](#)). If you have any other questions, please contact your neighbourhood volunteer or submit your question in the text box at the end of this survey.

Please Note:

1. "In the past year" refers to January 1, 2009 - December 31, 2009.
 2. Certain questions as indicated are clarified in the Survey Guide.
 3. Questions with an asterisk are required questions.
 4. All questions within the survey must be completed unless given an option, in order to achieve the most accurate emission calculation.
 5. If you are unable to complete the online survey in one sitting, you may return to your survey, from the same computer work station, by clicking onto your surveylink in the e-mail provided by the students. Your entered data from previously completed pages will be preserved. The survey will reopen at the start of the survey.
 6. Please note: if you are completing the paper format, please fill all boxes with options provided in parentheses or provide a number where appropriate.
- * 1. Household Code Number (this was included in the e-mail that you received from the students).

* 2. Please indicate today's date

	Day	Month	Year
Survey completion date	<input type="text"/>	<input type="text"/>	<input type="text"/>

* 3. Please indicate which carbon footprint surveys you have previously completed.

- 2007
- 2008
- None - this is my first survey

2. GENERAL

4. Compared to the average Canadian do you think your household's ...

	Higher	Same	Lower
Carbon emissions are	jn	jn	jn
Transportation requirements are	jn	jn	jn
Electricity usage is	jn	jn	jn
Awareness of environmental concerns is	jn	jn	jn
Efforts at making changes to reduce emissions are	jn	jn	jn
Ability (e.g. time, financial) to make changes to reduce emissions are	jn	jn	jn

* 5. Is your household/building (check one):

- Detached single family home
- Attached single family home (each pays for own utilities)
- Apartment building
- Apartment within a building (some utilities may or may not be included)
- Mixed use building (e.g. home plus office/business)
- Institution (e.g. church, camp)

* 6. In the last year, on average, how many people lived in your household/building?

Comments (for example, any householder who was absent for part of the year)

3. BUILDING HEAT AND HOT WATER ENERGY USE

Questions #7-11 refer to the methods of heating that are used in your household. Please check all that apply.

* 7. If you heat your household/building with *electricity*, check all methods used.

- Furnace
- Baseboards
- Infloor heating
- Boiler
- Not Applicable

* 8. If you heat your household/building with a *heat pump*, check all the methods used.

- Air
- Well water
- Ground loop
- Not Applicable

* 9. If you heat your household/building with an *oil furnace*, check all methods used.

- Standard efficiency
- Mid efficiency
- Not Applicable

* 10. If you heat your household/building with a *propane furnace*, check all methods used.

- Standard efficiency
- Mid efficiency
- High efficiency
- Not Applicable

* 11. If you heat your household/building with *wood*, check all methods used.

- Wood stove or fireplace
- Wood furnace
- Wood pellet stove
- Pellet furnace
- Not Applicable

* 12. Is your electricity "Green-Sourced" (e.g., Bullfrog Power)?

Yes

No

If you answered Yes, who is your provider?

* 13. How do you heat your domestic hot water? Check all that apply.

- Electricity
- Solar (Year round)
- Solar (Seasonally)
- Oil
- Propane
- Ground Source Pre-heat

* 14. Do you own or rent your hot water heater?

Own

Rent

The following questions refer to building and water heating. Please complete Question 15 (amount of energy used) (preferable) OR Question 16 (dollars spent). You may ask your fuel provider for this information, or total your 2009 fuel usage from your monthly bills. It may be helpful to refer to your printed Survey Guide (survey question 8 in the Guide) or the on-line Survey Guide [by clicking here](#) for clarification on how to make these calculations.

15. In the last year, I used the following for heating my household/building and water. Complete all that apply.

(Please provide the total electricity use for all electrical uses whether or not you heat with electricity).

Electricity (kilowatt hours)	<input type="text"/>
Oil (litres)	<input type="text"/>
Propane (litres)	<input type="text"/>
Wood (bush cords)	<input type="text"/>
Wood (face cords)	<input type="text"/>
Wood Pellets (40 lb bags)	<input type="text"/>
Wood Pellets (other units)	<input type="text"/>

16. In the last year, I spent the following for heating my household/building and water. Complete all that apply.

If you answered question 15 for all fuel types used then you may skip question 16.

(Please provide the total electricity use AND average unit price for all electrical uses whether or not you heat with electricity).

[Total \$ spent AND Average Unit Price (\$_/___)]

Electricity (e.g., \$1200, \$0.35/kwh)	<input type="text"/>
Oil (e.g., \$3000, \$0.75/litre)	<input type="text"/>
Propane (e.g., \$2500, \$0.66/litre)	<input type="text"/>
Wood (e.g., \$500, \$75/bush cord)	<input type="text"/>
Wood pellets (\$500, \$10/40lb bag)	<input type="text"/>

* 17. What is the gross floor area (in square feet OR square metres) of the heated living areas of your household/buildings? (Please include partially heated spaces).

For this question, refer to the survey guide (survey question 9 in the guide) [by clicking here](#) for calculations to estimate gross floor area of heated spaces.

Square Feet

Square Metres

* 18. If you rent your home, are utilities included?

Yes

No

Not Applicable (Not Renting)

4. LAND TRANSPORTATION

* 19. In previous years' surveys, was work-related travel included in your household's total amount of land transportation?

	Yes	No	Don't Remember	Not Applicable - This is My First Survey
2007	€	€	€	€
2008	€	€	€	€

* 20. What types of motor vehicles have members of your household used for transportation in 2009? Please include work-related travel (please select all that apply) (e.g., if members of your household drive two small cars check small car for each vehicle).

	Vehicle 1	Vehicle 2	Vehicle 3	Vehicle 4	Vehicle 5	Vehicle 6
SUV	€	€	€	€	€	€
Truck	€	€	€	€	€	€
Large Car	€	€	€	€	€	€
Medium Car	€	€	€	€	€	€
Small Car	€	€	€	€	€	€
Van	€	€	€	€	€	€
Hybrid Sedan	€	€	€	€	€	€
Hybrid	€	€	€	€	€	€
Motorcycle	€	€	€	€	€	€
Scooter	€	€	€	€	€	€
Motor Home	€	€	€	€	€	€
Other	€	€	€	€	€	€

If Other please indicate vehicle type

* 21. For each vehicle type please indicate the Make & Model and year. (Eg. Ford, Focus, 2003)

vehicle one	<input type="text"/>
vehicle two	<input type="text"/>
vehicle three	<input type="text"/>
vehicle four	<input type="text"/>
vehicle five	<input type="text"/>
vehicle six	<input type="text"/>
vehicle seven	<input type="text"/>

* 22. For each vehicle please indicate the fuel type used (gasoline/diesel/propane).

	Fuel type used
vehicle one	<input type="text"/>
vehicle two	<input type="text"/>
vehicle three	<input type="text"/>
vehicle four	<input type="text"/>
vehicle five	<input type="text"/>
vehicle six	<input type="text"/>
vehicle seven	<input type="text"/>

23. In order to calculate accurate fuel consumption data, you may answer question 23 AND 24 (preferable) OR just question 25.

For each vehicle please indicate the kilometers traveled in the last year.

vehicle one	<input type="text"/>
vehicle two	<input type="text"/>
vehicle three	<input type="text"/>
vehicle four	<input type="text"/>
vehicle five	<input type="text"/>
vehicle six	<input type="text"/>
vehicle seven	<input type="text"/>

24. For each vehicle please indicate the fuel efficiency (L/100 km) if known. To determine fuel efficiency please refer to the Survey Guide (survey question 13 in the Guide) by [clicking here](#).

vehicle one	<input type="text"/>
vehicle two	<input type="text"/>
vehicle three	<input type="text"/>
vehicle four	<input type="text"/>
vehicle five	<input type="text"/>
vehicle six	<input type="text"/>
vehicle seven	<input type="text"/>

25. If you answered questions 23 AND 24 for each vehicle you may skip this question.

For each vehicle please indicate the amount of fuel (Litres) used in the last year.

vehicle one	<input type="text"/>
vehicle two	<input type="text"/>
vehicle three	<input type="text"/>
vehicle four	<input type="text"/>
vehicle five	<input type="text"/>
vehicle six	<input type="text"/>
vehicle seven	<input type="text"/>

26. Approximately what percentage of your land transportation is work related? (0% , 1-25% , 26-50% , 51-75% , 76-99% , 100%)

5. AIR TRAVEL

* 27. In previous years' surveys did you include work-related air travel?

	Yes	No	Don't Remember	Not Applicable - This is My First Survey
2007	€	€	€	€
2008	€	€	€	€

* 28. In the last year did anyone in your household travel by air? (If 'No', you may skip questions 30 to 32).

Yes

No

29. In the last year, if persons in the household traveled by air, please indicate the number of ONE WAY trips. Please include work-related travel.

	Person 1	Person 2	Person 3	Person 4	Person 5
Short Haul Flight (<1.5 hr)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Medium Haul Flight (1.5-4 hrs)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Long Haul Flight (4-6 hrs)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Extended Haul Flight (6-12 hrs)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Super-extended Flight (12+ hrs)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

30. What percentage of your air transportation is work related? (0% , 1-25% , 26-50% , 51-75% , 76-99% , 100%)

31. Do you purchase carbon offsets for your air travel?

Yes

No

If the answer is Yes, approximately what percentage of air travel do you offset?

6. OTHER HOUSEHOLD ENERGY USES

* 32. In the last year, has your household used any small engines or small motors?

Yes

No

if you answered 'No' to question 32 you may skip questions 33-35.

33. Please indicate the fuel type used for small engines/motors used in the past year (gasoline/diesel/electric).

	Fuel type
Riding Mower	<input type="text"/>
Push Mower	<input type="text"/>
Chain Saw	<input type="text"/>
Leaf Blower	<input type="text"/>
Snow Blower	<input type="text"/>
Weed Trimmer/Eater	<input type="text"/>
Other small engine/motor	<input type="text"/>

If other (please specify)

Please answer either # 34 OR 35 .

34. How much fuel (Litres) was used in the last year for each small engine/motor operated?

Riding mower	<input type="text"/>
Push mower (gas)	<input type="text"/>
Chain saw	<input type="text"/>
Leaf blower	<input type="text"/>
Snow blower	<input type="text"/>
Weed Trimmer/Eater	<input type="text"/>
Other	<input type="text"/>

35. How many hours per year were small engines/motors operated?

Riding mower	<input type="text"/>
Push mower (gas)	<input type="text"/>
Chain saw	<input type="text"/>
Leaf blower	<input type="text"/>
Snow blower	<input type="text"/>
Weed Trimmer/Eater	<input type="text"/>

* 36. In the last year, has your household used any recreational vehicles?

Yes

No

if you answered 'No' to question 36 you may skip questions 37-40.

37. How many recreational motor vehicles of each type have been operated by members of your household in the last year? (Check all that apply).

	#
Motor Boat	<input type="text"/>
Jet Ski	<input type="text"/>
Snowmobile	<input type="text"/>
ATV	<input type="text"/>
Small Aircraft	<input type="text"/>
Other	<input type="text"/>
If other (please specify)	
<input type="text"/>	

38. Please indicate the fuel type used for small engines/motors used in the past year (gasoline/diesel/electric).

	Fuel type
Motor Boat	<input type="text"/>
Jet Ski	<input type="text"/>
Snowmobile	<input type="text"/>
ATV	<input type="text"/>
Small Aircraft	<input type="text"/>
Other	<input type="text"/>

While it is preferable for accurate emissions calculations to provide information on the amount of fuel used, it is also possible to extrapolate emissions from the amount of fuel \$ spent. We encourage you to provide the amount used (question 39), if at all possible. Answer only question 39 OR question 40.

39. In the last year, how much fuel (litres) was used for each recreational vehicle type?

Motor Boat(s)	<input type="text"/>
Jet Ski(s)	<input type="text"/>
Snowmobile(s)	<input type="text"/>
ATV(s)	<input type="text"/>
Small Aircraft(s)	<input type="text"/>
Other	<input type="text"/>

40. In the last year, how much was spent (\$) on fuel to operate recreational vehicle types.

If you answered question 39 for all recreational vehicles then you may skip this question.

Motor Boat(s)	<input type="text"/>
Jet Ski(s)	<input type="text"/>
Snowmobile(s)	<input type="text"/>
ATV(s)	<input type="text"/>
Small Aircraft(s)	<input type="text"/>
Other	<input type="text"/>

7. OTHER

* 41. Our household composts our organic waste.

Yes

No

* 42. Our household puts out this many bags of garbage on average per MONTH.

Average Number of
Bags

43. Did you participate in the \$50.00 rebate offer through the Eden Mills Going Carbon Neutral program last year?

Yes

No

44. If No, please indicate why and if you would like to participate IF it becomes available in the future.

Didn't know about it

Didn't have time

Didn't require it

Forgot about it

Other

Would be willing to participate IF program available

45. Optional Question on Food and Eating Habits

Answers based 'on average'

* Eating red meat (beef, pork, lamb) at one or more meals daily

** Local Food defined as food from Ontario

*** Do not include if beverage and light snack only

Choices

Meat: (heavy*/moderate/vegetarian/don't know)

Organic Food: (none/1-25%/26-50%/50-75%/76-100%/don't know)

Local Food** : (none/1-25%/26-50%/50-75%/76-100%/don't know)

Food Packaging: (none/1-25%/26-50%/50-75%/76-100%/don't know)

Average Number of Fast Food Meals per Month***: (0,1,2,3...)

	Meat	Organic Food	Local Food**	Food Packaging	Average Number of Fast Food Meals per Month***
Person 1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Person 2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Person 3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Person 4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Person 5	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Person 6	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Person 7	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Person 8	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Person 9	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Person 10	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

46. We welcome any comments on how can this survey be improved or any other type of comments.