

Households and the Environment Survey: Energy Use

Form number:

1

Confidential when completed.

Aussi disponible en français.

PLEASE READ BEFORE COMPLETING

This survey is conducted under the authority of the *Statistics Act*, Revised Statutes of Canada, 1985, Chapter S-19. While completion of this questionnaire is voluntary, data from your household are very important if the results of this survey are to be as accurate as possible.

Introduction

Your household was recently contacted by Statistics Canada to ask information about activities that relate to the environment. In order to fully understand the impacts that households have on our water, air, soils and resource use, information relating to the characteristics and energy use of your dwelling are needed. The survey results will be a valuable source of information to be used in the development of energy efficiency initiatives and to support energy conservation practices in Canada. The efficient use of energy means not only cost-savings to Canadians, but lessens the impact Canadians have on global climate change.

This survey asks questions about home heating and cooling, appliances, the physical features of your dwelling, and your household's energy consumption. Your information may also be used by Statistics Canada for other statistical and research purposes.

Confidentiality

Your answers are collected under the authority of the *Statistics Act* and will be kept strictly confidential.

Data Sharing Agreement

To avoid duplication in surveys and to provide consistent statistics, Statistics Canada has entered into an agreement under **section 12** of the *Statistics Act* with Natural Resources Canada and Environment Canada for the sharing of information from this survey.

For more information about this agreement, please refer to page 37 of this questionnaire.

To complete your paper questionnaire

- Read the instructions carefully;
- Use a blue or black ballpoint pen;
- Print clearly in capitals in the middle of the box as follows:

C	4	A	2	
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- If you make an error, cross out the character(s) that is(are) wrong, and continue:

■	■	C	4	A	2
---	---	---	---	---	---
- Mark circles with an "X" as follows: X
- To change an answer in a circle, black out the incorrect response "●" and mark the correct one "X";
- When we use the word "**You**", we are referring to you or anyone else in your household who lives in the dwelling.
- Mail back your completed questionnaire in the envelope provided.

If you have any questions about this survey, please contact Statistics Canada at the toll-free number in the top right corner of this page.

SECTION A – DWELLING CHARACTERISTICS

In this section, you will be asked questions to determine the characteristics of your current dwelling.

The word “DWELLING” refers to a separate set of living quarters with a private entrance either from outside or from a common hall, lobby, vestibule or stairway inside the building. The entrance to the dwelling must be one that can be used without passing through the living quarters of someone else.

A1. What is the heated area of your dwelling? Please exclude the basement and garage.

Square feet (ft²)

OR

Square meters (m²)

If the exact size is unknown, please indicate the range:

Mark one only.

01 600 ft² (55 m²) or less

02 601 - 1,000 ft² (56 - 95 m²)

03 1,001 - 1,500 ft² (96 - 140 m²)

04 1,501 - 2,000 ft² (141 - 185 m²)

05 2,001 - 2,500 ft² (186 - 230 m²)

06 2,501 - 3,000 ft² (231 - 280 m²)

07 3,001 - 3,500 ft² (281 - 325 m²)

08 3,501 - 4,000 ft² (326 - 371 m²)

09 4,001 ft² (372 m²) or more

97 Don't know

A2. Is this dwelling:

Mark one only.

01 Owned by you or a member of this household, even if it is still being paid for?

02 Rented, even if no cash rent is paid?

97 Don't know

[Go to question A26](#)

A3. Is your current dwelling located within a multi-residential building? (Multi-residential includes low-rise and high-rise apartment or condominium buildings, hotels, rooming houses, and institutions. It does not include townhouses, row houses, doubles or duplexes.)

01 Yes

02 No

97 Don't know

[Go to question A5](#)

A4. How many storeys does your building have?

Include storeys below ground and penthouses. Exclude storeys used only as indoor parking.

Storeys

97

Don't know

[Go to question A26](#)

A5. In what year was this dwelling originally built?

Year

If the exact year is unknown, please indicate the range:

Mark one only.

- | | |
|--------------------------------------|--|
| 01 <input type="radio"/> Before 1946 | 06 <input type="radio"/> 1996 - 2000 |
| 02 <input type="radio"/> 1946 - 1960 | 07 <input type="radio"/> 2001 - 2009 |
| 03 <input type="radio"/> 1961 - 1977 | 08 <input type="radio"/> 2010 or later |
| 04 <input type="radio"/> 1978 - 1983 | 97 <input type="radio"/> Don't know |
| 05 <input type="radio"/> 1984 - 1995 | |

A6. Excluding the basement, how many storeys does your dwelling have?

Mark one only.

- | | |
|---|---|
| 01 <input type="radio"/> One storey | 05 <input type="radio"/> Three storeys |
| 02 <input type="radio"/> One and a half storeys | 06 <input type="radio"/> Split level |
| 03 <input type="radio"/> Two storeys | 07 <input type="radio"/> Other - Specify <input type="text"/> |
| 04 <input type="radio"/> Two and a half storeys | 97 <input type="radio"/> Don't know |

A7. Most houses are built on basements, crawl spaces, concrete slabs (slab on grade), or some combination of these. What is your dwelling built over?

Mark all that apply.

- | | |
|---|---|
| 01 <input type="radio"/> Basement | 05 <input type="radio"/> Other - Specify <input type="text"/> |
| 02 <input type="radio"/> Crawl space | 06 <input type="radio"/> No foundation |
| 03 <input type="radio"/> Concrete slabs | 97 <input type="radio"/> Don't know |
| 04 <input type="radio"/> Pillars | |

A8. Do you have a basement or crawl space?

- | | |
|------------------------------|------------------------------------|
| 01 <input type="radio"/> Yes | |
| 02 <input type="radio"/> No | Go to question A13 |

A9. During the heating season, is your basement / crawl space usually heated?

- | | |
|-------------------------------------|------------------------------------|
| 01 <input type="radio"/> Yes | |
| 02 <input type="radio"/> No | Go to question A13 |
| 97 <input type="radio"/> Don't know | |

A10. What is the heated area of your basement / crawl space?

Square feet (ft²)

OR

Square meters (m²)

If the exact size is unknown, please indicate the range:

Mark one only.

- 01 600 ft² (54 m²) or less
- 02 601 - 1,000 ft² (55 - 95 m²)
- 03 1,001 - 1,500 ft² (96 - 140 m²)
- 04 1,501 - 2,000 ft² (141 - 185 m²)
- 05 2,001 - 2,500 ft² (186 - 230 m²)
- 06 2,501 - 3,000 ft² (231 - 280 m²)
- 07 3,001 ft² (280 m²) or more
- 97 Don't know

A11. Are any of your basement / crawl space exterior walls insulated on the inside?

- 01 Yes
- 02 No  Go to question A13
- 97 Don't know

A12. What percentage of the exterior walls is insulated on the inside?

%

- 97 Don't know

A13. Does your dwelling have an attic (a space between the roof and the top floor of your dwelling)?

- 01 Yes
- 02 No  Go to question A15
- 97 Don't know

A14. Is there insulation in your attic?

- 01 Yes – on the attic floor
- 02 Yes – on the attic walls
- 03 Yes – on both the attic floor and walls
- 04 No
- 97 Don't know

A15. Does your dwelling have a garage?

- 01 Yes
- 02 No  Go to question A20
- 97 Don't know

A16. Is your garage attached to the dwelling?

- 01 Yes
- 02 No
- 97 Don't know

A17. How much insulation does your garage have?

Mark one only.

- 01 Full insulation – all walls and garage doors are insulated
- 02 Full insulation – all walls, but not the garage doors are insulated
- 03 Partial insulation – some walls are insulated
- 04 None
- 97 Don't know

A18. During the heating season, is your garage usually heated?

- 01 Yes 02 No 97 Don't know

A19. What type of garage does your dwelling have?

Mark *one only*.

- 01 One-car garage 02 Two-car garage 03 Three-or-more-car garage 97 Don't know

A20. Have you made any of the following improvements to your dwelling since January 1, 2010? Please mark each improvement made and indicate the most recent year that it was completed.

01 No improvements were made

97 Don't know

[Go to question A23](#)

	Year
02 <input type="radio"/> Space heating equipment (include furnace, baseboard heaters, fireplaces and woodstoves)	
03 <input type="radio"/> Water heating equipment	
04 <input type="radio"/> Windows (include patio doors)	
05 <input type="radio"/> Caulking or weather-stripping around your existing windows or doors	
06 <input type="radio"/> Insulation of the basement or crawl space walls	
07 <input type="radio"/> Exterior wall siding	
08 <input type="radio"/> Insulation around the hot water pipes	
09 <input type="radio"/> Insulation of the roof or the attic	
10 <input type="radio"/> Insulation of any exterior walls (excluding basement)	
11 <input type="radio"/> Exterior doors (include garage door(s))	
12 <input type="radio"/> Installed a programmable thermostat	
13 <input type="radio"/> Installed solar photovoltaic panels	
14 <input type="radio"/> Installed a solar heating system (water or space heating)	
15 <input type="radio"/> Installed a drain-water heat recovery unit	
16 <input type="radio"/> Ventilation or central air conditioning equipment	
17 <input type="radio"/> Foundation	
18 <input type="radio"/> Other - Specify <input style="width: 300px;" type="text"/>	
19 <input type="radio"/> Other - Specify <input style="width: 300px;" type="text"/>	

A21. How much money did you spend on these improvements since January 1, 2010?

- 01 Less than \$1,000
- 02 \$1,000 to less than \$5,000
- 03 \$5,000 to less than \$10,000
- 04 \$10,000 to less than \$20,000
- 05 \$20,000 to less than \$40,000
- 06 \$40,000 or more
- 97 Don't know

A22. What are the reasons you made improvements to your dwelling?

Mark all that apply.

- 01 Reduce operating/energy costs
- 02 Reduce the environmental footprint
- 03 Take advantage of government or utility incentives
- 04 Increase market value prior to selling
- 05 Replace or update old equipment
- 06 Increase comfort
- 07 Wanted to update the home
- 08 Other - *Specify*
- 97 Don't know

Go to question A24

A23. What is the main reason you have not made any improvements to your dwelling?

Mark one only.

- 01 No improvements are currently necessary
- 02 Planning to make improvements in the future
- 03 Not aware of government financial aid or assistance
- 04 Planning to sell
- 05 Dwelling was recently purchased or built
- 06 Improvements are too costly
- 07 Do not have time
- 08 No government financial aid or assistance
- 09 Other - *Specify*
- 97 Don't know

A24. Do you plan to make any of the following renovations or modifications within the next five years?

Mark all that apply.

- 01 The space heating equipment (include furnace, baseboard heaters, fireplaces and woodstoves)
- 02 The water heating equipment
- 03 Windows or patio doors
- 04 Caulking or weather-stripping around your windows or doors
- 05 Insulation of the basement or crawl space walls
- 06 Exterior wall siding
- 07 Insulation around the hot water pipes
- 08 Insulation of the roof or the attic
- 09 Insulation of any exterior walls (excluding basement)
- 10 Exterior doors (include garage door(s))
- 11 Install a programmable thermostat
- 12 Install a smart thermostat (can be controlled wirelessly)
- 13 Install a solar water heater or solar photovoltaic panels
- 14 Install a drain-water heat recovery unit
- 15 Ventilation or central air conditioning equipment
- 16 Other - Specify
- 17 No
- 97 Don't know

A25. Which of the following are located at your dwelling?

Mark all that apply.

- 01 Pool
- 02 Hot tub
- 03 Sauna
- 04 None
- 97 Don't know

A26. How many showers and baths are taken in a week in your dwelling?

Please provide your best estimate.

- | | | | | |
|----------------------|-------------------------|----|-------------------------------|-------------------------------------|
| <input type="text"/> | Number of showers taken | or | 01 <input type="radio"/> None | 02 <input type="radio"/> Don't know |
| <input type="text"/> | Number of baths taken | or | 03 <input type="radio"/> None | 04 <input type="radio"/> Don't know |

A27. Do you own or rent your hot water heater?

- 01 Own
- 02 Rent
- 03 Do not have one
- 97 Don't know

Go to question A35

A28. Is the water heater located in your dwelling?

- 01 Yes
- 02 No
- 97 Don't know

Go to question A35

A29. What type of hot water heater is used in your dwelling?

Mark one only.

- 01 Standard hot water heater (tank)
- 02 Tankless (instantaneous water heater)
- 03 Combination system (heats water and does space heating)
- 04 Heat pump water heater
- 05 Solar water heater
- 06 Other - Specify
- 97 Don't know

A30. What source of energy does your water heater use to heat the water?

Exclude the energy to power a direct vent fan.

Mark one only.

- 01 Electricity
- 02 Oil
- 03 Natural gas
- 04 Propane
- 05 Solar
- 06 Other source - Specify
- 97 Don't know

A31. How old is your hot water heater?

Years

If the exact age is unknown, please indicate the range:

Mark one only.

- 01 5 years or less
- 02 6 to 10 years
- 03 11 to 15 years
- 04 16 to 20 years
- 05 21 to 25 years
- 06 26 years or more
- 97 Don't know

A32. Did you replace a previous hot water heater with your current hot water heater?

01 Yes

02 No

97 Don't know

 [Go to question A35](#)

A33. What was your reason for replacing your water heater?

01 Planned/scheduled replacement

02 Emergency replacement

03 To obtain a more energy-efficient water heater

04 To change energy sources (for example, from electricity to natural gas)

05 Other - *Specify*

97 Don't know

A34. How old was your previous hot water heater when you replaced it?

Years

If the exact age is unknown, please indicate the range:

Mark one only.

01 5 years or less

02 6 to 10 years

03 11 to 15 years

04 16 to 20 years

05 21 to 25 years

06 26 years or more

97 Don't know

A35. What type of windows (including patio doors) are the majority in your dwelling?

Mark one only.

01 Standard single pane with storm window

02 Standard single pane

03 Standard double pane

04 Standard double pane sealed unit

05 Standard triple pane sealed unit

06 Other - *Specify*

97 Don't know

A36. Based on your answer in question A35 above, are these windows (including patio doors):

Mark one only.

01 Low-Emissivity (Low-E) coating – gas filled pane

02 Standard gas filled pane

03 Neither of the above

97 Don't know

A37. How old are the majority of the windows in your dwelling?

Mark one only.

- | | |
|--|---|
| 01 <input type="radio"/> 5 years or less | 04 <input type="radio"/> 16 years or more |
| 02 <input type="radio"/> 6 to 10 years | 05 <input type="radio"/> Same age as dwelling |
| 03 <input type="radio"/> 11 to 15 years | 97 <input type="radio"/> Don't know |

A38. Please indicate how many of the following types of light bulbs are used in each location of your dwelling?

Note that a chandelier could have 6 or more light bulbs in it.

Include both interior and exterior lights.

Do not include lights inside refrigerators or stoves, or seasonal or decorative lights such as Christmas lights, Halloween lights, solar lights, etc.

Mark all that apply.

	Incandescent	Halogen	Compact fluorescent	Other fluorescent (ex. fluorescent tubes, circline)	Light-emitting diodes (LED) bulbs and tubes	Other	Don't know
a) Kitchen(s)	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	97 <input type="radio"/>
b) Living / family rooms	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	97 <input type="radio"/>
c) Dining room	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	97 <input type="radio"/>
d) Bedroom(s)	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	97 <input type="radio"/>
e) Bathroom(s)	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	97 <input type="radio"/>
f) Halls	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	97 <input type="radio"/>
g) Laundry room	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	97 <input type="radio"/>
h) Basement	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	97 <input type="radio"/>
i) Garage	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	97 <input type="radio"/>
j) Outdoor	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	97 <input type="radio"/>
k) Other – Specify	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	97 <input type="radio"/>

A39. On an average day, what is the type of the single indoor light bulb that is on for the longest period of time (exclude night lights)?

Mark one only.

- 01 Incandescent light bulb, including traditional or halogen bulb (include spotlights and chandeliers)
- 02 Compact fluorescent light bulb
- 03 Other fluorescent light bulb (i.e. linear tube, circline, etc.)
- 04 Light-emitting diode (LED)
- 97 Don't know

A40. On an average day, how many hours is this single indoor light bulb turned on?

Please provide your best estimate.

Number of hours per day in the summer

Number of hours per day in the winter

A41. How many light bulbs are controlled by a device other than a standard light switch?

Please include both indoor and outdoor light bulbs, but exclude solar and battery-powered lights.

Mark all that apply.

Type of timer control	Number of light bulbs	Don't know
a) Programmable timers	<input type="text"/>	97 <input type="radio"/>
b) Motion detector	<input type="text"/>	97 <input type="radio"/>
c) Light sensor	<input type="text"/>	97 <input type="radio"/>
d) Dimmer switches	<input type="text"/>	97 <input type="radio"/>
e) Wireless remote controls	<input type="text"/>	97 <input type="radio"/>
f) Other - Specify <input type="text"/>	<input type="text"/>	97 <input type="radio"/>

SECTION B – HOUSEHOLD APPLIANCES

In this section, you will be asked questions about your household appliances.
We are only asking about the appliances that generally consume a large amount of energy in the dwelling.

B1. How old are the following major appliances that you use in your dwelling?

The main refrigerator is the one used most often on a day to day basis.

Mark all that apply.

	Do not have/use appliance	5 years or less	6 to 10 years	11 to 15 years	16 to 20 years	21 to 25 years	26 years or more	Don't know
a) Main refrigerator	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	07 <input type="radio"/>	97 <input type="radio"/>
b) Second refrigerator	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	07 <input type="radio"/>	97 <input type="radio"/>
c) Freezer (stand-alone including chest freezers)	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	07 <input type="radio"/>	97 <input type="radio"/>
d) Regular stove or range	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	07 <input type="radio"/>	97 <input type="radio"/>
e) Separate cook-top	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	07 <input type="radio"/>	97 <input type="radio"/>
f) Built-in oven	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	07 <input type="radio"/>	97 <input type="radio"/>
g) Microwave oven	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	07 <input type="radio"/>	97 <input type="radio"/>
h) Dishwasher	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	07 <input type="radio"/>	97 <input type="radio"/>
i) Washing machine	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	07 <input type="radio"/>	97 <input type="radio"/>
j) Clothes dryer	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	07 <input type="radio"/>	97 <input type="radio"/>
k) Dehumidifier	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	07 <input type="radio"/>	97 <input type="radio"/>
l) Humidifier	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	07 <input type="radio"/>	97 <input type="radio"/>
m) Ceiling fan (most frequently used)	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	07 <input type="radio"/>	97 <input type="radio"/>
n) Air exchanger	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	07 <input type="radio"/>	97 <input type="radio"/>

B2. Please indicate if the following appliances used in your dwelling are an ENERGY STAR certified product?

Mark all that apply.

Note: The ENERGY STAR label can sometimes be found on the information sticker that is on the appliance. Also note that appliances bought before 2001 are generally not ENERGY STAR certified.



	Not applicable	Yes	No	Don't know
a) Main refrigerator	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	97 <input type="radio"/>
b) Second refrigerator	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	97 <input type="radio"/>
c) Freezer (stand-alone including chest freezers)	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	97 <input type="radio"/>
d) Dishwasher	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	97 <input type="radio"/>
e) Washing machine	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	97 <input type="radio"/>
f) Clothes dryer	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	97 <input type="radio"/>
g) Ceiling fan (most frequently used)	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	97 <input type="radio"/>
h) Water cooler (this refers to a stand-alone water cooler and not a water or ice dispenser that is built into a refrigerator)	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	97 <input type="radio"/>

B3. What source of energy does your following major appliance use?

Mark all that apply.

	Not applicable	Electricity	Natural gas	Electricity and natural gas	Oil	Wood	Propane	Don't know
a) Main refrigerator	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	07 <input type="radio"/>	97 <input type="radio"/>
b) Regular stove or range	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	07 <input type="radio"/>	97 <input type="radio"/>
c) Separate cook-top	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	07 <input type="radio"/>	97 <input type="radio"/>
d) Built-in oven	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	07 <input type="radio"/>	97 <input type="radio"/>
e) Clothes dryer	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	07 <input type="radio"/>	97 <input type="radio"/>

B4. Do you use a refrigerator in your dwelling?

01 Yes

02 No [Go to question B7](#)

B5. How many refrigerators do you use in your dwelling?

Mark one only.

01 1

03 3 or more

02 2

97 Don't know

B6. What did you do with your previous refrigerator when you replaced it with your current one?

Mark one only.

01 No old refrigerator – current one is original / first

02 Kept it at home and plugged in all year

03 Kept it at home / plugged in when needed

04 Resold

05 Local utility company picked up refrigerator without charge

06 Recycled refrigerator

07 Donated / gave refrigerator away

08 Disposed of refrigerator in the garbage

09 Other - *Specify*

97 Don't know

B7. Do you use a freezer (stand-alone) in your dwelling?

01 Yes

02 No [Go to question B11](#)

B8. How many freezers (stand-alone) do you use in your dwelling?

Mark one only.

01 1

03 3 or more

02 2

97 Don't know

B9. What is the size of your (main) freezer (stand-alone)?

Mark one only.

01 Very small (Less than 7.0 cubic feet)

04 Large (18.0 to 22.9 cubic feet)

02 Small (7.1 to 13.9 cubic feet)

05 Very large (More than 23 cubic feet)

03 Medium (14.0 to 17.9 cubic feet)

97 Don't know

B10. What is the type of your (main) freezer (stand-alone)?

Mark one only.

- 01 Upright
02 Chest
97 Don't know

B11. Do you use a regular stove or range, separate cook-top, or built-in oven in your dwelling?

- 01 Yes
02 No  [Go to question B13](#)

B12. In an average week, how often do you use your regular stove or range or built-in oven with separate cook-top?

Mark one only.

- 01 Three or more times a day
02 Two times a day
03 Once a day
04 A few times each week
05 Once a week
06 Less than once a week
07 Never
97 Don't know

B13. Do you use a microwave oven in your dwelling?

- 01 Yes
02 No  [Go to question B15](#)

B14. In an average week, how many minutes do you use your microwave oven? Would you say ...

Mark one only.

- 01 Less than 5 minutes
02 5 to 15 minutes
03 16 to 30 minutes
04 31 minutes to 60 minutes
05 61 minutes to 2 hours
06 More than 2 hours
97 Don't know

B15. Do you use a dishwasher in your dwelling?

- 01 Yes
02 No  [Go to question B20](#)

B16. Is the dishwasher in your dwelling compact or standard size?

Mark one only.

- 01 Compact (mini – exterior width less than 56 cm / 22 in)
02 Standard (full size – exterior width greater than or equal to 56 cm / 22 in)
97 Don't know

B17. Do you rinse the dishes before putting them in the dishwasher?

01 Yes

03 No

02 Occasionally

97 Don't know

B18. Do you usually dry the dishes with the ...

Mark one only.

01 heat on (with the door closed)

03 door open (dishes dry naturally)

02 heat off (with the door closed)

97 don't know

B19. In an average week, how many loads of dishes do you do? Please give your best estimate.

Loads

97 Don't know

B20. Do you use a clothes washing machine located in your dwelling?

01 Yes

02 No [Go to question B26](#)

B21. What type of clothes washing machine do you use in your dwelling?

Mark one only.

01 Standard top-loading

02 Standard front-loading

03 Washer / dryer combination with top-loading washer

04 Washer / dryer combination with front-loading washer

05 Other - Specify

97 Don't know

B22. What size is your clothes washing machine?

Mark one only.

01 Mini (compact – less than 45 litres / 10 gallons)

02 Standard (full size – greater than or equal to 45 litres / 10 gallons)

97 Don't know

B23. What water temperature do you use for most of your washing?

Mark one only.

01 Hot

03 Warm

02 Cold

97 Don't know

B24. What water temperature do you use for most of your rinsing?

Mark one only.

01 Hot

03 Warm

02 Cold

97 Don't know

B25. In an average week, how many loads of laundry are washed in your dwelling?

Please provide your best estimate.

Number of loads during the summer

97 Don't know

Number of loads during the winter

97 Don't know

B26. Do you use a clothes dryer located in your dwelling?

01 Yes

02 No  [Go to question B31](#)

B27. What size is your clothes dryer?

Mark one only.

01 Compact (less than 125 litres / 28 gallons capacity)

02 Standard (greater than or equal to 125 litres / 28 gallons capacity)

97 Don't know

B28. What type is your clothes dryer?

01 Electric

02 Gas

03 Other – Specify

97 Don't know

B29. Does your clothes dryer have a moisture detector?

01 Yes

02 No

97 Don't know

B30. In an average week, how many loads of laundry are dried in your clothes dryer?

Please provide your best estimate.

Number of loads during the summer

97 Don't know

Number of loads during the winter

97 Don't know

B31. Do you use a dehumidifier in your dwelling (exclude air conditioner)?

01 Yes

02 No [Go to question B34](#)

B32. How many of the following types of dehumidifiers are used in your dwelling?

Type	<u>Number of dehumidifiers</u>	
a) Portable	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	97 <input type="radio"/> Don't know
b) Built-in	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	97 <input type="radio"/> Don't know

B33. How often do you use the dehumidifier(s) in your dwelling during the summer?

- 01 Daily
- 02 Weekly
- 03 Occasionally
- 04 Never
- 97 Don't know

B34. How many ceiling fans do you use in your dwelling?

- 01 One
- 02 Two
- 03 Three or more
- 04 None [Go to question B38](#)
- 97 Don't know

B35. What is the size of your most frequently used ceiling fan (diameter in inches / centimetres)?

- 01 36 inches / 91 cm and under
- 02 48 inches / 122 cm
- 03 60 inches / 152 cm
- 04 72 inches / 183 cm and over
- 05 Other – Specify
- 97 Don't know

B36. In an average day, for how many hours do you have your most frequently used ceiling fan turned on?

Please provide your best estimate.

Hours per day in summer

97

Don't know

Hours per day in winter

97

Don't know

B37. Does your ceiling fan have a built-in light?

01

Yes



Number of light bulbs

02

No

97

Don't know

B38. Do you have a water cooler in your dwelling?

This refers to a stand-alone water cooler and not a water or ice dispenser that is built into a refrigerator.

01

Yes

02

No

97

Don't know

FOR INFORMATION ONLY

SECTION C – ELECTRICAL DEVICES

In this section, you will be asked questions about specific electrical devices that you may have in your dwelling. The following electrical devices are most common and tend to draw a lot of electricity.

C1. How many of the following electrical devices do you use in your dwelling?

Mark all that apply.

	Number of devices	Don't know
a) Television	□ □ □ □	97 <input type="radio"/>
Regular tube	□ □ □ □	97 <input checked="" type="radio"/>
Projection	□ □ □ □	97 <input type="radio"/>
Liquid Crystal display (LCD)	□ □ □ □	97 <input type="radio"/>
Plasma	□ □ □ □	97 <input type="radio"/>
Light emitting diode (LED)	□ □ □ □	97 <input type="radio"/>
b) Blu-ray or DVD player (stand-alone)	□ □ □ □	97 <input type="radio"/>
c) Digital receiver box (include cable or satellite box, PVR, internet-enabled Blu-ray players)	□ □ □ □	97 <input type="radio"/>
d) Home theatre system	□ □ □ □	97 <input type="radio"/>
e) Video game console	□ □ □ □	97 <input type="radio"/>
f) Component audio	□ □ □ □	97 <input type="radio"/>
g) Small portable media devices and smart phones (MP3 players)	□ □ □ □	97 <input type="radio"/>
h) Personal computer (include desktop, laptop, notebook, e-reader and tablets)	□ □ □ □	97 <input type="radio"/>
i) Computer monitor	□ □ □ □	97 <input type="radio"/>
j) Multi function imaging equipment (combination of computer printer, fax, scanner)	□ □ □ □	97 <input type="radio"/>
k) Stand-alone computer printer	□ □ □ □	97 <input type="radio"/>
l) Telephone requiring an electrical outlet and phone jack or VOIP phone (exclude cell phones)	□ □ □ □	97 <input type="radio"/>
m) Smart Network equipment (modems, routers, integrated access devices and access points)	□ □ □ □	97 <input type="radio"/>
n) Other – Specify <input style="width: 200px;" type="text"/>	□ □ □ □	97 <input type="radio"/>

C2. How old are the following electrical devices that you (most frequently) use in your dwelling?

Mark all that apply.

	Not present or used	5 years or less	6 to 10 years	11 to 15 years	16 years or more	Don't know
a) Television	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	97 <input type="radio"/>
b) Blu-ray or DVD player (stand-alone)	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	97 <input type="radio"/>
c) Digital receiver box (include cable or satellite box, PVR, internet-enabled Blu-ray players)	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	97 <input type="radio"/>
d) Home theatre system	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	97 <input type="radio"/>
e) Video game console	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	97 <input type="radio"/>
f) Component audio	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	97 <input type="radio"/>
g) Small portable media devices and smart phones (MP3 players)	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	97 <input type="radio"/>
h) Personal computer (include desktop, laptop, notebook, e-reader and tablets)	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	97 <input type="radio"/>
i) Computer monitor	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	97 <input type="radio"/>
j) Multi function imaging equipment (combination of computer printer, fax, scanner)	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	97 <input type="radio"/>
k) Stand-alone computer printer	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	97 <input type="radio"/>
l) Telephone requiring an electrical outlet and phone jack or VOIP phone (exclude cell phones)	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	97 <input type="radio"/>
m) Smart Network equipment (modems, routers, integrated access devices and access points)	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	97 <input type="radio"/>
n) Other – Specify	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	97 <input type="radio"/>

C3. In an average week, how many hours do you have the following (most frequently used) electrical devices turned on?

Do not include hours for devices that are in stand-by mode. Mark all that apply.

	Not present or used	4 hours or less	5 to 10 hours	11 to 20 hours	21 to 30 hours	31 to 40 hours	41 to 55 hours	56 hours or more	Don't know
a) Television	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	07 <input type="radio"/>	08 <input type="radio"/>	97 <input type="radio"/>
b) Blu-ray or DVD player (stand-alone)	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	07 <input type="radio"/>	08 <input type="radio"/>	97 <input type="radio"/>
c) Digital receiver box (include cable or satellite box, PVR, internet-enabled Blu-ray players)	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	07 <input type="radio"/>	08 <input type="radio"/>	97 <input type="radio"/>
d) Home theatre system	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	07 <input type="radio"/>	08 <input type="radio"/>	97 <input type="radio"/>
e) Video game console	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	07 <input type="radio"/>	08 <input type="radio"/>	97 <input type="radio"/>
f) Component audio	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	07 <input type="radio"/>	08 <input type="radio"/>	97 <input type="radio"/>
g) Small portable media devices and smart phones (MP3 players)	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	07 <input type="radio"/>	08 <input type="radio"/>	97 <input type="radio"/>
h) Personal computer (include desktop, laptop, notebook, e-reader and tablets)	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	07 <input type="radio"/>	08 <input type="radio"/>	97 <input type="radio"/>
i) Computer monitor	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	07 <input type="radio"/>	08 <input type="radio"/>	97 <input type="radio"/>
j) Multi function imaging equipment (combination of computer printer, fax, scanner)	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	07 <input type="radio"/>	08 <input type="radio"/>	97 <input type="radio"/>
k) Stand-alone computer printer	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	07 <input type="radio"/>	08 <input type="radio"/>	97 <input type="radio"/>
l) Telephone requiring an electrical outlet and phone jack or VOIP phone (exclude cell phones)	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	07 <input type="radio"/>	08 <input type="radio"/>	97 <input type="radio"/>
m) Smart Network equipment (modems, routers, integrated access devices and access points)	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	07 <input type="radio"/>	08 <input type="radio"/>	97 <input type="radio"/>
n) Other – Specify	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	07 <input type="radio"/>	08 <input type="radio"/>	97 <input type="radio"/>

C4. Please indicate if the following electrical devices, which you (most frequently) use in your dwelling, are an ENERGY STAR certified product?

Mark *all that apply*.



Note : The ENERGY STAR label can sometimes be found on the information sticker that is on the electrical device. The label may also be displayed on the front or on the back of the electrical device. Electrical devices that were bought before 2001 are generally not ENERGY STAR certified.

	Not present or used	Yes	No	Don't know
a) Television	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	97 <input type="radio"/>
b) Blu-ray or DVD player (stand-alone)	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	97 <input type="radio"/>
c) Digital receiver box (include cable or satellite box, PVR, internet-enabled Blu-ray players)	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	97 <input type="radio"/>
d) Home theatre system	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	97 <input type="radio"/>
e) Video game console	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	97 <input type="radio"/>
f) Component audio	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	97 <input type="radio"/>
g) Small portable media devices and smart phones (MP3 players)	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	97 <input type="radio"/>
h) Personal computer (include desktop, laptop, notebook, e-reader and tablets)	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	97 <input type="radio"/>
i) Computer monitor	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	97 <input type="radio"/>
j) Multi function imaging equipment (combination of computer printer, fax, scanner)	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	97 <input type="radio"/>
k) Stand-alone computer printer	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	97 <input type="radio"/>
l) Telephone requiring an electrical outlet and phone jack or VOIP phone (exclude cell phones)	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	97 <input type="radio"/>
m) Smart Network equipment (modems, routers, integrated access devices and access points)	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	97 <input type="radio"/>
n) Other – Specify <input type="text"/>	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	97 <input type="radio"/>

C5. What type of television receiver box do you use in your dwelling?

Mark *all that apply*.

- 01 Cable
- 02 Satellite
- 03 Personal video recorder (PVR)
- 04 Internet Protocol TV (Internet enabled box or Blu-ray player)
- 05 Smart TV (with internet access)
- 06 Other – Specify
- 07 None [Go to question C7](#)
- 97 Don't know

C6. When you turn off your most frequently used television, how do you turn off the receiver box?

Mark *one only*.


- 01 Unplug box
- 02 Use remote
- 03 Turn off power bar
- 04 Using off button on box
- 05 Don't turn it off
- 97 Don't know

C7. Do you use a computer in your dwelling?

- 01 Yes
- 02 No  [Go to question C10](#)

C8. What type of computer do you most frequently use in your dwelling?

Mark *one only*.

- 01 Desktop
- 02 Laptop/notebook  [Go to question C10](#)
- 03 Tablet
- 97 Don't know

C9. When the most frequently used desktop computer is turned off, the monitor ...

Mark *one only*.

- 01 remains on in stand-by mode (monitor turns on automatically with the computer)
- 02 is turned off (monitor must be manually turned on)
- 97 Don't know

C10. Do you use a multi function imaging device (combination computer printer, fax, scanner) in your dwelling?

- 01 Yes
- 02 No  [Go to question D1](#)

C11. Which statement best describes how you use your most frequently used multi function imaging device?

Mark *one only*.

- 01 The multi function imaging device is manually turned on when the computer is turned on and manually turned off when the computer is turned off.
- 02 When using the computer, the multi function imaging device is manually turned on only when needed and then manually turned off when not needed.
- 03 The multi function imaging device is on or in stand-by mode (Bluetooth or wireless) all the time (even if the computer is off).
- 97 Don't know

SECTION D – HEATING AND COOLING

In this section, you will be asked questions about your heating and cooling systems for your specific dwelling. Please give your best estimates when answering the questions.

D1. Is the unit that supplies the heat to your dwelling a central unit (that also supplies heat to other dwellings) or is it a unit specifically used by your dwelling only?

Mark one only.

01 Dwelling unit

02 Central unit

97 Don't know

Go to question D13

D2. Do you use a heat pump?

A heat pump is an electrical device that can be used for heating and for cooling. It is typically located outdoors if it uses air source and indoors if it uses ground source (earth or water).

01 Yes – an air source heat pump

02 Yes – a ground source heat pump

03 Yes – don't know source

04 No

97 Don't know

Go to question D6

D3. How old is your heat pump?

Years

If the exact age is unknown, please indicate the range:

Mark one only.

01 5 years or less

02 6 to 10 years

03 11 to 15 years

04 16 to 20 years

05 21 to 25 years

06 26 years or more

97 Don't know

D4. Is your heat pump an ENERGY STAR certified product?

01 Yes

02 No

97 Don't know

D5. Is your heat pump the main source of heat for your dwelling?

01 Yes

02 No

97 Don't know

Go to question D13

D6. What type of space heating equipment provides most of the heat for your dwelling?

Mark one only.

- 01 Furnace with forced air (hot air vents)
- 02 Boiler with hot water or steam radiators
- 03 Heating stove (burning wood, pellets, corn, coal...)
- 04 Electric radiant heating
- 05 Electric baseboards
- 06 Gas fireplace
- 07 Other - Specify
- 97 Don't know

Go to question D13

D7. What source(s) of energy did your furnace / boiler / heating stove use?

Please exclude the energy used for running the fan. Mark all that apply.

- 01 Electricity
- 02 Natural gas
- 03 Oil
- 04 Wood
- 05 Wood pellets
- 06 Propane
- 07 Other - Specify
- 97 Don't know

D8. Do you ...

Mark one only.

- 01 use a furnace as the primary space heating equipment in your dwelling
- 02 use a boiler as the primary space heating equipment in your dwelling
- 03 use a heating stove as the primary space heating equipment in your dwelling

Go to question D11

Go to question D12

D9. Is your furnace an ENERGY STAR certified product?

- 01 Yes
- 02 No
- 97 Don't know

D10. What is the efficiency rating for your furnace?

Mark one only.

- 01 High (The exhaust pipe **is plastic and vents through the side of the house**)
- 02 Medium (The exhaust pipe or chimney **is metal and vents through the side of the house or through the roof**)
- 03 Low (The exhaust pipe or chimney **is metal and vents through the roof**)
- 97 Don't know

Go to question D12

D11. Is your boiler an ENERGY STAR certified product?

- 01 Yes
- 02 No
- 97 Don't know

D12. How old is your primary space heating equipment?

Years

If the exact age is unknown, please indicate the range:

Mark one only.

- 01 5 years or less
- 02 6 to 10 years
- 03 11 to 15 years
- 04 16 to 20 years
- 05 21 to 25 years
- 06 26 years or more
- 97 Don't know

D13. How many of the following types of thermostats are used in your dwelling?

	Number of thermostats	Don't know
a) Mechanical – built into units	1 <input type="text"/> <input type="text"/>	7 <input type="radio"/>
b) Mechanical – Wall units	1 <input type="text"/> <input type="text"/>	7 <input type="radio"/>
c) Electronic – Non-programmable	1 <input type="text"/> <input type="text"/>	7 <input type="radio"/>
d) Electronic – Programmable	1 <input type="text"/> <input type="text"/>	7 <input type="radio"/>
e) Other - Specify <input type="text"/>	1 <input type="text"/> <input type="text"/>	7 <input type="radio"/>

D14. In addition to your main space heating equipment, does your household use any other supplementary space heating equipment?

- 01 Yes
- 02 No  [Go to question D19](#)
- 07 Don't know

D15. What type of supplementary space heating equipment do you use most often?

Mark one only.

- 01 Electric baseboards
- 02 Portable electric heater
- 03 Wood stove
- 04 Wood fireplace
- 05 Gas fireplace
- 06 Electric fireplace
- 07 Supplementary furnace
- 08 Radiant floor heating
- 09 Other - Specify
- 97 Don't know

D16. Do you use a supplementary furnace in your dwelling?

- 01 Yes
- 02 No [Go to question D19](#)

D17. What energy source does your supplementary furnace use?

Please exclude the energy used for running the fan. Mark all that apply.

- 01 Electricity
- 02 Natural gas
- 03 Oil
- 04 Wood
- 05 Propane
- 06 Other - Specify
- 97 Don't know

D18. In an average week during the heating season, how many hours do you use the supplementary furnace?

Mark one only.

Hours

- 01 Unsure, the heating equipment uses a thermostat
- 97 Don't know

D19. Do you use wood or wood pellets for space heating in your dwelling?

01 Yes

02 No [Go to question D23](#)

D20. On average how much wood do you burn in a heating season?

Mark one only.

	Amount
01 <input type="radio"/> Number of full or bush cords	<input type="text"/>
02 <input type="radio"/> Number of face or stove cords	<input type="text"/>
03 <input type="radio"/> Number of full-sized pick-up trucks (8 foot box)	<input type="text"/>
04 <input type="radio"/> Number of compact-sized pick-up trucks (6 foot box)	<input type="text"/>
05 <input type="radio"/> Number of bags of firewood (64 bags = one full or bush cord)	<input type="text"/>
06 <input type="radio"/> Number of logs (1 log = 16 inches in length)	<input type="text"/>
97 <input type="radio"/> Don't know	<input type="text"/>

D21. What type of wood do you use?

Mark all that apply.

01 Hard-wood

02 Soft-wood

03 Hard and Soft (mixed)

97 Don't know

D22. If you used wood pellets, what was the quantity consumed in the past 12 months?

Mark one only.

01 Did not use wood pellets

02 500 lbs (228 kg) or less

03 501 - 1,000 lbs (229 - 455 kg)

04 1,001 - 2,500 lbs (456 - 909 kg)

05 2,501 - 4,000 lbs (910 - 1,818 kg)

06 4,001 - 5,500 lbs (1,819 - 2,500 kg)

07 5,501 lbs (2,501 kg) or more

97 Don't know

D23. Do you use a fireplace (wood, gas, or electric) in your dwelling?

01 Yes

02 No

97 Don't know

 [Go to question D34](#)

D24. Is the primary purpose of the most frequently used fireplace in your dwelling to provide heat or for aesthetics?

Mark one only.

01 Primarily for heat

02 Primarily for aesthetics

03 For both heat and aesthetics

97 Don't know

D25. How many wood-burning fireplaces do you have in your dwelling?

Mark one only.

Number

01 None

97 Don't know

D26. How many electric fireplaces do you have in your dwelling?

Mark one only.

Number

01 None

97 Don't know

D27. How many gas-burning fireplaces do you have in your dwelling?

Mark one only.

Number

01 None

97 Don't know

 [Go to question D33](#)

D28. What source(s) of energy does your gas-burning fireplace use?

Please exclude the energy used for running the fan. Mark all that apply.

01 Natural gas

02 Propane

03 Other - *Specify*

97 Don't know

D29. Does the pilot light for your gas-burning fireplace come on only when you ignite the fireplace?

- 01 Yes
- 02 No
- 03 No pilot light  [Go to question D32](#)
- 97 Don't know

D30. Can you turn the pilot light for your gas-burning fireplace on and off remotely?

- 01 Yes
- 02 No
- 97 Don't know

D31. During the summer, do you turn the pilot light off?

- 01 Yes
- 02 No
- 97 Don't know

D32. Does your (most frequently used) gas-burning fireplace vent its exhaust out the chimney or out the side wall (direct vent)?

Mark one only.



- 01 Out the chimney
- 02 Out the side wall (direct vent)
- 97 Don't know

D33. During an average heating season, how often do you use your (most frequently used) gas-burning fireplace?

Mark one only.

- 01 Every day
- 02 Several times a week
- 03 A few times a week
- 04 A few times a month
- 05 Never
- 97 Don't know

D34. Do you use air conditioning for your dwelling?

- 01 Yes – Central air conditioning
- 02 Yes – Window / Room air conditioning  [Go to question D37](#)
- 03 No  [Go to question D42](#)
- 97 Don't know

D35. How old is your central air conditioner?

Years

If the exact age is unknown, please indicate the range:

Mark one only.

- 01 5 years or less
02 6 to 10 years
03 11 to 15 years
04 16 to 20 years
05 21 to 25 years
06 26 years or more
97 Don't know

D36. Is your central air conditioner an ENERGY STAR certified product?

- 01 Yes
02 No
97 Don't know
- [Go to question D42](#)

D37. How many window / room air conditioners do you use?

Number 97 Don't know

D38. Is your (most frequently used) window / room air conditioner a ...

Mark one only.

- 01 Window-mounted (louvered) unit
02 Through the wall mounted (non-louvered) unit
03 Free standing portable unit
04 Mini-split air conditioner
05 Wall mounted heat pump / air conditioner
97 Don't know

D39. What is the cooling capacity of your (most frequently used) window / room air conditioner in BTUs?

BTUs 97 Don't know

D40. How old is the (most frequently used) window / room air conditioner?

Years

If the exact age is unknown, please indicate the range:

Mark one only.

- 01 5 years or less
- 02 6 to 10 years
- 03 11 to 15 years
- 04 16 to 20 years
- 05 21 to 25 years
- 06 26 years or more
- 97 Don't know

D41. Is your (most frequently used) window / room air conditioner an ENERGY STAR certified product?

- 01 Yes
- 02 No
- 97 Don't know

D42. Does your dwelling have a Heat Recovery Ventilator (HRV) or Energy Recovery Ventilator (ERV)?

- 01 Yes, a Heat Recovery Ventilator (HRV)
- 02 Yes, an Energy Recovery Ventilator (ERV)
- 03 No  [Go to question E1](#)
- 97 Don't know

D43. Is your Heat Recovery Ventilator (HRV) or Energy Recovery Ventilator (ERV) an ENERGY STAR certified product?

- 01 Yes
- 02 No
- 97 Don't know

SECTION E – ENERGY CONSUMPTION

In this section, we are interested in obtaining accurate and complete information about the amount and type of energy (electricity, natural gas, heating oil, and propane) that the household consumes within the dwelling.

E1. Which of the following energy sources do you use in your dwelling?

Mark all that apply.

- 01 Electricity
- 02 Natural gas
- 03 Heating oil
- 04 Propane (do not include propane used for barbeques)
- 05 Wood
- 06 Solar heat (for space or water heating)
- 07 Solar electricity (photovoltaic panels)
- 08 Wind power
- 09 Other - *Specify*
- 10 Do not use any sources of energy
- 97 Don't know

E2. Is anyone in your dwelling responsible for paying the bills for any of the following:

Electricity / Natural gas / Heating oil / Propane?

- 01 Yes
- 02 No  [Go to question E9](#)
- 97 Don't know

E3. The most accurate and efficient way for us to collect your energy consumption data is by directly contacting your energy supplier(s). The only information that Statistics Canada will give to your energy supplier(s) will be your name, address, and account number. No other responses that you provide for this survey will be given to the energy supplier(s). The only data that will be collected from the energy supplier(s) will be the energy consumption amount for the 2015 calendar year. No other information (such as payment amounts, payment status, etc.) will be collected.

E4. Do you authorize Statistics Canada to obtain from your energy supplier(s) the amount of energy used by your dwelling for the 2015 calendar year?

- 01 Yes
- 02 No  [Go to question E9](#)

E5. Please select the energy type and fill out the following account information for the energy supplier:

- 01 Electricity 02 Natural gas 03 Heating oil 04 Propane

I authorize Statistics Canada to release the account number and the name of the account holder to the energy company listed below.

I authorize the company below to provide Statistics Canada with the consumption of energy used by the dwelling identified on this questionnaire for the 2015 calendar year.

Name of energy company

Account number

Account holder – Last name

Account holder – First name

Telephone number of energy company

Extension

E6. Would you like to provide the contact information for another energy supplier?

- 01 Yes
02 No  [Go to question E8](#)

E7. Please select the energy type and fill out the following account information for the energy supplier:

- 01 Electricity 02 Natural gas 03 Heating oil 04 Propane

I authorize Statistics Canada to release the account number and the name of the account holder to the energy company listed below.

I authorize the company below to provide Statistics Canada with the consumption of energy used by the dwelling identified on this questionnaire for the 2015 calendar year.

Name of energy company

Account number

Account holder – Last name

Account holder – First name

Telephone number of energy company

Extension

 **Important: Go to question E8**

E8. Did you agree to let Statistics Canada contact all of your energy supplier(s) to obtain your dwelling energy consumption data?

01 Yes

02 No

E9. In 2015, on an average weekday, was there someone at home during the day?

01 Yes

02 No

97 Don't know

E10. In 2015, for how many complete weeks was there no one living at your dwelling?

Mark one only.

For example, on vacation, away on business travel, etc.

Number
of Weeks

01 None

97 Don't know

E11. In 2015, were all of your dwelling's energy bills strictly for the energy consumed by your household? In other words, no other charges for operating a farm, a business (hairdresser, childcare, etc.), or other dwellings (such as apartments) are included in your energy bills.

01 Yes [Go to question F1](#)

02 No

97 Don't know [Go to question F1](#)

E12. In 2015, approximately what percentage of the electricity consumption on your bills was strictly for your household's use?

Mark one only.

01 Not applicable (N/A)

%

97 Don't know

E13. In 2015, approximately what percentage of the natural gas consumption on your bills was strictly for your household's use?

Mark one only.

01 Not applicable (N/A)

%

97 Don't know

E14. In 2015, approximately what percentage of the heating oil consumption on your bills was strictly for your household's use?

Mark one only.

01 Not applicable (N/A)

%

97 Don't know

SECTION F – INFORMATION SHARING

F1. To avoid duplication of surveys, Statistics Canada has entered into an agreement to share the information from this survey with Natural Resources Canada and Environment Canada. This includes the information obtained during the telephone interview, the information provided on this questionnaire, and if you gave Statistics Canada the authorization to do so, the information obtained directly from the energy supplier(s). Names, addresses, telephone numbers and account numbers will not be shared. Natural Resources Canada and Environment Canada have agreed to keep this information confidential and use it only for statistical purposes.

Do you authorize Statistics Canada to share the combined information from this survey with Natural Resources Canada and Environment Canada?

01 Yes 02 No

Record linkage

To enhance the data from this survey and to minimize the reporting burden for respondents, Statistics Canada may combine the information you provide with other survey or administrative data sources.

Place an “X” in the circle if you object to linkage of your survey responses with other survey or administrative data sources

SECTION G – COMMENTS

Multiple horizontal lines for entering comments.

FOR INFORMATION ONLY

All information that you have provided on this survey will be kept confidential.

Thank you for completing the questionnaire.

Please ensure that you have completed Section F on page 37 before returning your questionnaire. Thank you.