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[Home](#) → [Definitions, data sources and methods](#) → [Questionnaires](#)→ [Households and the Environment Survey, 2013: Energy Use](#)

# Households and the Environment Survey, 2013: Energy Use

## Archived Content

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## For Information only

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### General Information

#### Purpose

The Households and the Environment Survey (HES) measures the environmental practices and behaviours of Canadian households that relate to the condition of our air, water and soils. The survey was also designed to collect data to develop and improve three key environmental indicators: air quality, water quality and greenhouse gas emissions.

#### Authority

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 facility are essential if the results of this survey are to be accurate.

#### Confidentiality

Confidential when completed.

### **Archived Content**

The Statistics Act protects the confidentiality of information collected by Statistics Canada.

#### **Data-sharing agreements**

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 for the sharing of information from this survey.

#### **Assistance**

If you have any questions about this survey, please contact the Operations and Integration Division toll-free at 1-800-461-9050.

#### **Introduction statement**

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 the household sector has 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.

#### **Instructions**

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;

If you make an error, cross out the character(s) that is (are) wrong, and continue;

Mark squares with an " X ";

To change an answer in a square, black out the incorrect response and mark the correct one;

When we use the word "You", we are referring to you or anyone else in your

household who lives in the dwelling.

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Mail back your completed questionnaire in the envelope provided.

## For more detailed information

For more detailed information about the Households and the Environment Survey: Energy Use questionnaire, please refer to the PDF version.

## SECTION A Dwelling Characteristics

### A1.

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

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

01: 600 square feet (55 square metres) or less

02: 601 - 1,000 square feet (56 - 95 square metres)

03: 1,001 - 1,500 square feet (96 - 140 square metres)

04: 1,501 - 2,000 square feet (141 - 185 square metres)

05: 2,001 - 2,500 square feet (186 - 230 square metres)

06: 2,501 - 3,000 square feet (231 - 280 square metres)

07: 3,001 - 3,500 square feet (281 - 325 square metres)

08: 3,501 - 4,000 square feet (326 - 371 square metres)

09: 4,001 square feet (372 square metres) or more

10: Don't know

### A2.

Do you currently own or rent your dwelling?

01: Own

02: Rent

03: Don't know

### A3.

Is your current dwelling located within an apartment building?

01: Yes

02: No

03: Don't know

### Archived Content

#### A4.

How many storeys does your building have? Include storeys below ground and penthouses. Exclude storeys used only as indoor parking.

01: Storeys

02: Don't know

#### A5.

In what year was this dwelling originally built?

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

01: Before 1946

02: 1946 - 1960

03: 1961 - 1977

04: 1978 - 1983

05: 1984 - 1995

06: 1996 - 2000

07: 2001 - 2005

08: 2006 - 2010

09: 2011 or later

10: Don't know

#### A6.

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

01: One storey

02: One and a half storeys

03: Two storeys

04: Two and a half storeys

05: Three storeys

06: Split level

07: Other - Specify

08: 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?

- 01: Basement
- 02: Crawl space
- 03: Concrete slabs
- 04: Pillars
- 05: Other - Specify
- 06: No foundation
- 07: Don't know

**A8.**

If you have indicated that you ...

- 01: have a basement or crawl space
- 02: do not have a basement or crawl space

**A9.**

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

- 01: Yes
- 02: No
- 03: Don't know

**A10.**

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

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

- 01: 600 square feet (55 square metres) or less
- 02: 601 - 1,000 square feet (56 - 95 square metres)
- 03: 1,001 - 1,500 square feet (96 - 140 square metres)
- 04: 1,501 - 2,000 square feet (141 - 185 square metres)
- 05: 2,001 - 2,500 square feet (186 - 230 square metres)
- 06: 2,501 - 3,000 square feet (231 - 279 square metres)
- 07: 3,001 square feet (280 square metres) or more
- 08: Don't know

**A11.**

Are any of your basement / crawl space outside walls insulated on the inside?

**Archived Content**

01: Yes

02: No

03: Don't know

**A12.**

What percentage of the outside walls is insulated on the inside?

01: %

02: 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

03: 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

05: Don't know

**A15.**

Does your dwelling have a garage?

01: Yes

02: No

03: Don't know

**A16.**

Is your garage attached to the dwelling?

01: Yes

**Archived Content**

02: No

03: Don't know

**A17.**

How much insulation does your garage have?

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

05: Don't know

**A18.**

During the heating season, is your garage usually heated?

01: Yes

02: No

03: Don't know

**A19.**

What type of garage does your dwelling have?

01: One-car garage

02: Two-car garage

03: Three-or-more-car garage

04: Don't know

**A20.**

Have you made any of the following improvements to your dwelling that reduces energy consumption since January 1st, 2000?

For each improvement made, please indicate the most recent year that it was completed.

01: No improvements were made

02: Don't know

03: The roof structure or surface

04: The heating equipment (include fireplaces and woodstoves)

05: Windows (include patio doors)

**Archived Content**

06: The caulking or weather-stripping around your windows or doors

07: The insulation of the basement or crawl space walls

08: The exterior wall siding

09: The insulation around the hot water pipes

10: The insulation of the roof or the attic

11: The insulation of any exterior walls (excluding basement)

12: Exterior doors (include garage door(s))

13: Installed a programmable thermostat

14: The ventilation or central air conditioning equipment

15: The foundation

16: Other - Specify

17: Other - Specify

**A21.**

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

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

10: Don't know

**A22.**

Do you use a hot water heater?

01: Yes

02: No

03: Don't know

**A23.**



Is the water heater located in your dwelling?  
**Archived Content**

- 01: Yes
- 02: No
- 03: Don't know

**A24.**

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

- 01: Standard hot water tank
- 02: Tankless (instantaneous water heater)
- 03: Combination boiler (typically a wall hung unit)
- 04: Other - Specify
- 05: Don't know

**A25.**

What source of energy does the water heater use?

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

**A26.**

How old is your hot water heater?

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

- 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
- 07: Don't know

**A27.****Archived Content**

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

01: Yes

02: No

03: Don't know

**A28.**

Was your previous hot water tank still working when you replaced it?

01: Yes

02: No

03: Don't know

**A29.**

How old was your previous hot water tank when you replaced it?

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

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

07: Don't know

**A30.**

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

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: Low-Emissivity (Low-E) coating - gas filled double pane

07: Low-Emissivity (Low-E) coating - gas filled triple pane

08: Standard gas filled double pane

09: Standard gas filled triple pane **Archived Content**

10: Other - Specify

11: Don't know

**A31.**

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

01: 5 years or less

02: 6 to 10 years

03: 11 to 15 years

04: 16 years or more

05: Same age as dwelling

06: Don't know

**A32.**

Have you noticed any condensation on the inside surfaces of your windows?

01: Yes - on most

02: Yes - on some

03: No

04: Don't know

**A33.**

Have you noticed any air leaks or drafts around your windows?

01: Yes

02: No

03: Don't know

**A34.**

Please indicate how many of the following types of light bulbs are used by your dwelling? Include exterior lights. Do not include seasonal lights such as Christmas lights, Halloween lights, etc.

a): Halogen light bulbs (include spotlights)

b): Compact fluorescent light bulbs

c): Regular fluorescent light bulbs (for example, fluorescent tubes)

d): Incandescent light bulbs (include smaller bulbs used in chandeliers or in accent lighting fixtures)

**Archived Content**

01: None

02: Number

03: Don't know

**A35.**

On an average day, do you turn on any incandescent light bulbs (exclude small bulbs and night lights) for a total of three or more hours?

01: Yes

02: No

03: Don't know

**A36.**

How many are turned on for a total of three or more hours?

01: Number

02: Don't know

**A37.**

What is the typical wattage of the light bulb(s) turned on for 3 hours or more?

01: Wattage

02: Don't know

**A38.**

On an average day in the winter, for how many hours do you have the light bulb(s) turned on?

01: Hours

02: Don't know

**A39.**

On an average day in the summer, for how many hours do you have the light bulb(s) turned on?

01: Hours

02: Don't know

**A40.****Archived Content**

How many light bulbs have a timer control?

- a): Programmable
- b): Motion detector
- c): Light sensor

01: None

02: Number of light bulbs

03: Don't know

**SECTION B Household Appliances****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.

- a): Main refrigerator
- b): Second refrigerator
- c): Freezer (stand alone)
- d): Regular stove / Range
- e): Separate cook-top
- f): Built-in oven
- g): Microwave oven
- h): Dishwasher
- i): Washing machine
- j): Clothes dryer

01: Not applicable

02: 5 years or less

03: 6 to 10 years

04: 11 to 15 years

05: 16 to 20 years

06: 21 to 25 years

07: 26 years or more

08: Don't know

**B2.****Archived Content**

Please indicate if the following appliances used in your dwelling are an Energy Star qualified product?

- a): Main refrigerator
- b): Second refrigerator
- c): Freezer (stand alone)
- d): Dishwasher
- e): Washing machine

01: Not applicable

02: Yes

03: No

04: Don't know

**B3.**

What source of energy does your following major appliance use?

- a): Regular stove / Range
- b): Separate cook-top
- c): Built-in oven
- d): Clothes dryer

01: Not applicable

02: Electricity

03: Natural gas

04: Electricity and natural gas

05: Oil

06: Wood

07: Propane

08: Don't know

**B4.**

If you ...

01: use a refrigerator in your dwelling

02: do not use a refrigerator in your dwelling

**B5.****Archived Content**

How many refrigerators do you use in your dwelling?

01: 1

02: 2

03: 3 or more

04: Don't know

**B6.**

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

01: No old refrigerator - current one is original / first

02: Disposed of refrigerator

03: Kept it at home and plugged in all year

04: Kept it at home / plugged it in when needed

05: Resold

06: Other - Specify

07: Don't know

**B7.**

If you ...

01: use a freezer (stand alone) in your dwelling

02: do not use a freezer (stand alone) in your dwelling

**B8.**

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

01: 1

02: 2

03: 3 or more

04: Don't know

**B9.**

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

01: Very small (Less than 7.0 cubic feet)

- 02: Small (7.1 to 13.9 cubic feet) **Archived Content**  
03: Medium (14.0 to 17.9 cubic feet)  
04: Large (18.0 to 22.9 cubic feet)  
05: Very large (More than 23 cubic feet)  
06: Don't know

**B10.**

If you ...

- 01: use a regular stove / range, separate cook-top, or built-in oven  
02: do not use regular stove / range, separate cook-top, or built-in oven

**B11.**

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

- 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  
08: Don't know

**B12.**

If you ...

- 01: use a microwave in your dwelling  
02: do not use a microwave in your dwelling

**B13.**

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

- 01: Less than 5 minutes  
02: 5 to 15 minutes  
03: 16 to 30 minutes



04: 31 to 60 minutes

**Archived Content**

05: 61 minutes to 2 hours

06: More than 2 hours

07: Don't know

**B14.**

If you ...

01: use a dishwasher in your dwelling

02: do not use a dishwasher in your dwelling

**B15.**

Is the dishwasher in your dwelling compact or standard size?

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)

03: Don't know

**B16.**

Do you usually dry the dishes with the ...

01: heat on (with the door closed)

02: heat off (with the door closed)

03: door open (dishes dry naturally)

04: don't know

**B17.**

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

01: Loads

02: Don't know

**B18.**

If you ... (Please exclude washing machines used in common laundry areas.)

01: use a washing machine in your dwelling

02: do not use a washing machine in your dwelling

**B19.****Archived Content**

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

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

06: Don't know

**B20.**

What size is your washing machine?

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

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

03: Don't know

**B21.**

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

01: Hot

02: Cold

03: Warm

04: Don't know

**B22.**

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

01: Hot

02: Cold

03: Warm

04: Don't know

**B23.**

In an average week during the winter, how many loads of laundry do you wash?

01: Loads

02: Don't know

**B24.****Archived Content**

In an average week during the summer, how many loads of laundry do you wash?

01: Loads

02: Don't know

**B25.**

If you ... (Please exclude clothes dryers used in common laundry areas.)

01: use a clothes dryer in your dwelling

02: do not use a clothes dryer in your dwelling

**B26.**

What size is your clothes dryer?

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

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

03: Don't know

**B27.**

Does your clothes dryer have a moisture detector?

01: Yes

02: No

03: Don't know

**B28.**

In an average week during the winter, how many loads of laundry do you dry in the clothes dryer?

01: Loads

02: Don't know

**B29.**

In an average week during the summer, how many loads of laundry do you dry in the clothes dryer?

01: Loads

02: Don't know

**SECTION C Electrical Devices** Archived Content**C1.**

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

- a): Television
- b): Television analog / digital receiver box
- c): Home theatre system
- d): Video game console
- e): Blu-ray or DVD player (stand alone)
- f): VCR (Videocassette recorder)
- g): Component stereo
- h): Portable media devices and smart phones (MP3 players, iPods, iPhones, etc.)
- i): Personal computer (include laptop)
- j): Computer monitor
- k): Computer printer
- l): Telephone requiring an electrical outlet and phone jack (exclude cell phones)
- m): Water cooler

01: 0

02: 1

03: 2

04: 3

05: 4 or more

06: Don't know

**C2.**

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

- a): Television
- b): Television analog / digital receiver box
- c): Home theatre system
- d): Video game console
- e): Blu-ray or DVD player (stand alone)
- f): VCR (Videocassette recorder)

g): Component stereo

**Archived Content**

h): Portable media devices and smart phones (MP3 players, iPods, iPhones, etc.)

i): Personal computer (include laptop)

j): Computer monitor

k): Computer printer

l): Telephone requiring an electrical outlet and phone jack (exclude cell phones)

m): Water cooler

01: Not applicable

02: 5 years or less

03: 6 to 10 years

04: 11 to 15 years

05: 16 years or more

06: Don't know

**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).

a): Television

b): Television analog / digital receiver box

c): Home theatre system

d): Video game console

e): Blu-ray or DVD player (stand alone)

f): VCR (Videocassette recorder)

g): Component stereo

h): Portable media devices and smart phones (MP3 players, iPods, iPhones, etc.)

01: Not applicable

02: 4 hours or less

03: 5 to 10 hours

04: 11 to 20 hours

05: 21 to 30 hours

06: 31 to 40 hours

07: 41 to 55 hours

08: 56 hours or more

**Archived Content**

09: Don't know

**C4.**

Please indicate if the following electrical devices, which you (most frequently) use in your dwelling, are an Energy Star qualified product?

a): Television

b): Home theatre system

c): Blu-ray or DVD player (stand alone)

d): VCR (Videocassette recorder)

e): Component stereo

f): Portable media devices and smart phones (MP3 players, iPods, iPhones, etc.)

g): Personal computer (include laptop)

h): Computer monitor

i): Computer printer

j): Water cooler

01: Not applicable

02: Yes

03: No

04: Don't know

**C5.**

If you ...

01: have a television in your dwelling

02: do not have a television in your dwelling

**C6.**

What type of television(s) do you have in your dwelling?

01: Regular (tube)

02: Regular (tube) High Definition (HD)

03: Projection

04: Direct Light Projection (DLP)

05: Liquid Crystal Display (LCD)

06: Plasma

**Archived Content**

07: Light emitting diodes (LED)

08: Don't know

**C7.**

If you ...

01: have a television analog / digital receiver box in your dwelling

02: do not have a television analog / digital receiver box in your dwelling

**C8.**

What type of television analog / digital receiver box do you use in your dwelling?

01: Regular (analog) cable or satellite

02: Digital cable or satellite

03: Personal Video Recorder (PVR)

04: High Definition (HD)

05: HD and PVR

06: Don't know

**C9.**

When you turn off your television, do you turn off the analog / digital receiver box?

01: Always

02: Sometimes

03: Never

04: Don't know

**C10.**

If you ...

01: use a computer in your dwelling

02: do not use a computer in your dwelling

**C11.**

What type of computer do you (most frequently) use in your dwelling?

01: Desktop

02: Laptop

03: Don't know

### Archived Content

#### C12.

What type of computer monitor do you use with your (most frequently used) computer?

01: Regular (CRT)

02: LCD flat panel

03: Don't know

#### C13.

When the (most frequently used) computer is turned off, the monitor ...

01: remains on in stand-by mode (monitor turns on automatically with the computer)

02: is turned off (monitor must be manually turned on)

03: Don't know

#### C14.

In a typical week, how many hours is the (most frequently used) computer on?  
Include stand-by mode

01: Hours

02: Don't know

#### C15.

In a typical week, how many hours do you spend using the (most frequently used) computer?

(Include the time used downloading even if you are not present at the computer.)

01: Hours

02: Don't know

#### C16.

If you ...

01: use a printer in your dwelling

02: do not use a printer in your dwelling

#### C17.



Which statement best describes how you use your (most frequently used) printer?

**Archived Content**

01: The printer 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 printer is manually turned on only when needed and then manually turned off when not needed.

03: The printer is on or in stand-by mode all the time (even if the computer is off).

04: Don't know

## **SECTION D Heating and Cooling**

### **D1.**

In 2011, was the unit that supplied the heat to your dwelling a central unit (for your building or structure) or was it a unit specifically used by your dwelling only?

01: Dwelling unit

02: Central unit

03: Don't know

### **D2.**

In 2011, did you use a heat pump?

01: Yes

02: No

03: Don't know

### **D3.**

Was your heat pump an air source or ground source (earth energy system)?

01: Air source

02: Ground source

03: Don't know

### **D4.**

How old is your heat pump (please round up)?

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

01: 5 years or less

02: 6 to 10 years

**Archived Content**

03: 11 to 15 years

04: 16 to 20 years

05: 21 to 25 years

06: 26 years or more

07: Don't know

**D5.**

Is your heat pump an Energy Star qualified product?

01: Yes

02: No

03: Don't know

**D6.**

Was your heat pump the main source of heat for your dwelling?

01: Yes

02: No

03: Don't know

**D7.**

In 2011, what type of heating equipment provided most of the heat for your dwelling?

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

08: Don't know

**D8.**

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

Please exclude the energy used for running the fan.

01: Electricity

02: Natural gas

**Archived Content**

03: Oil

04: Wood

05: Wood pellets

06: Propane

07: Other - Specify

08: Don't know

**D9.**

If you ...

01: use a boiler in your dwelling

02: use a furnace in your dwelling

03: use a heating stove in your dwelling

**D10.**

Is your boiler an Energy Star qualified product?

01: Yes

02: No

03: Don't know

**D11.**

Is your furnace an Energy Star qualified product?

01: Yes

02: No

03: Don't know

**D12.**

What is the efficiency rating for your furnace?

01: High (The exhaust pipe is plastic and vents through the side of the house)

02: Medium (The exhaust pipe is metal and vents through the side of the house or through the roof)

03: Low (The exhaust pipe is metal and vents through the roof)

04: Don't know

**D13.****Archived Content**

How old is your heating equipment?

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

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

07: Don't know

**D14.**

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

a): Mechanical - built into units

b): Mechanical - Wall units

c): Electronic - Non-programmable

d): Electronic - Programmable

01: None

02: Number

03: Don't know

**D15.**

In 2011, in addition to your main heating equipment, did your household use any other supplementary heating equipment?

01: Yes

02: No

03: Don't know

**D16.**

What type of supplementary heating equipment did you use most often?

01: Electric baseboards

02: Portable electric heater

- 03: Wood stove
- 04: Wood fireplace
- 05: Gas fireplace
- 06: Electric fireplace
- 07: Furnace
- 08: Radiant floor heating
- 09: Other - Specify
- 10: Don't know

**Archived Content****D17.**

If you ...

- 01: used a supplementary furnace in your dwelling
- 02: did not use a supplementary furnace in your dwelling

**D18.**

What energy source did your supplementary furnace use?  
Please exclude the energy used for running the fan.

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

**D19.**

In an average week during the heating season, how many hours did you use the supplementary heating?

- 01: Hours
- 02: Unsure, the heating equipment uses a thermostat
- 03: Don't know

**D20.**

If you ...

- 01: used wood or wood pellets for heating  
02: did not use wood or wood pellets for heating

**Archived Content****D21.**

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

- 01: Full or bush cord  
02: Face or stove cord  
03: Full-sized pick-up truck (8 feet box)  
04: Compact-sized pick-up truck (6 feet box)  
05: Bag of firewood (64 bags = one full or bush cord)  
06: Log (1 log = 16 inches in length)  
07: Don't know

**D22.**

What type of wood did you use?

- 01: Hard-wood  
02: Soft-wood  
03: Hard and Soft (mixed)  
04: Don't know

**D23.**

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

- 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 (455 - 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  
08: Don't know

**D24.**

Do you have a fireplace (wood, gas, or electrical) in your dwelling?

- 01: Yes

02: No

**Archived Content**

03: Don't know

**D25.**

In 2011, how many wood-burning fireplaces did you have in your dwelling?

01: Number

02: None

03: Don't know

**D26.**

In 2011, how many electric fireplaces did you have in your dwelling?

01: Number

02: None

03: Don't know

**D27.**

Is the primary purpose of the electric fireplace(s) to provide heat or for aesthetics?

01: Primarily for heat

02: Primarily for aesthetics

03: For both heat and aesthetics

04: Don't know

**D28.**

In 2011, how many gas-burning fireplaces did you have in your dwelling?

01: Number

02: None

03: Don't know

**D29.**

What source(s) of energy did your gas burning fireplace use?

Please exclude the energy used for running the fan.

01: Natural gas

02: Propane

03: Other - Specify

04: Don't know

**Archived Content**

**D30.**

During the summer, did you turn the pilot light off?

01: Yes

02: No

03: No pilot light

04: Don't know

**D31.**

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

01: Out the chimney

02: Out the side wall (direct vent)

03: Don't know

**D32.**

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

01: Every day

02: Several times a week

03: A few times a week

04: A few times a month

05: Never

06: Don't know

**D33.**

In 2011, did you have air conditioning for your dwelling?

01: Yes - Central air conditioning

02: Yes - Window / Room air conditioning

03: No

04: Don't know

**D34.**



How old is your central air conditioner?

**Archived Content**

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

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

07: Don't know

**D35.**

Is your central air conditioner an Energy Star qualified product?

01: Yes

02: No

03: Don't know

**D36.**

In 2011, how many window / room air conditioners did you use?

01: Number

02: Don't know

**D37.**

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

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

06: Don't know

**D38.**

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

01: BTUs

**Archived Content**

02: Don't know

**D39.**

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

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

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

07: Don't know

**D40.**

Is your (most frequently used) window / room air conditioner an Energy Star qualified product?

01: Yes

02: No

03: Don't know

**SECTION E Energy Consumption**

**E1.**

Which of the following energy sources does your household use in your dwelling?

01: Electricity

02: Natural gas

03: Oil

04: Propane (do not include propane used for barbeques)

05: Wood

06: Solar

07: Wind power

08: Other - Specify

09: Do not use any sources of energy

**Archived Content**

10: Don't know

**E3.**

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

03: Don't know

**E4.**

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 2011 calendar year. No other information (such as payment amounts, payment status, etc.) will be collected.

Another way of collecting your energy consumption data is by providing us with your billing information for the past 14 months. Use the tables provided at the end of this section to record your energy consumption data.

**E5.**

Do you authorize Statistics Canada to obtain from your energy supplier(s) the amount of energy used by your dwelling for the 2011 calendar year?

01: Yes

02: No

**E6.**

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

01: Electricity

02: Natural gas

03: Oil

04: Propane

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

Archived Content

I authorize the company below to provide Statistics Canada with the consumption of energy used by the dwelling identified on this questionnaire for the 2011 calendar year.

01: Name of company

02: Account number

03: Account holder - Last name

04: Account holder - First name

05: Telephone number of energy company

06: Extension

**E7.**

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

01: Yes

02: No

**E8.**

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

01: Electricity

02: Natural gas

03: Oil

04: Propane

I authorize Statistics Canada to release information about 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 2011 calendar year.

01: Name of company

02: Account number

03: Account holder - Last name

04: Account holder - First name **Archived Content**  
05: Telephone number of energy company

06: Extension

**E9.**

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

**E10.**

For the following question, please obtain the energy bills (covering the past 14 month period) for the energy supplier(s) that you would not like Statistics Canada to contact to obtain the energy consumption information.

Sort the energy bills in ascending order by energy supplier. Use the information from the energy bills to complete the required energy consumption tables.

**E11.**

Please indicate which energy bill(s) you would like to supply the consumption information:

01: Electricity

02: Natural gas

03: Oil

04: Propane

**E12.**

In 2011, on an average weekday, was there someone at home all day?

(For example, someone taking care of children, someone retired, someone working at home, etc.)

01: Yes

02: No

03: Don't know

**E13.**

In 2011, for how many complete weeks was there no one at your dwelling?

**Archived Content**

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

01: Weeks

02: None

03: Don't know

**E14.**

In 2011, 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

02: No

03: Don't know

**E15.**

In 2011, approximately what percentage of the electricity consumption on your bills was strictly for your household's use?

01: Not applicable (N/A)

02: %

03: Don't know

**E16.**

In 2011, approximately what percentage of the natural gas consumption on your bills was strictly for your household's use?

01: Not applicable (N/A)

02: %

03: Don't know

**E17.**

In 2011, approximately what percentage of the heating oil consumption on your bills was strictly for your household's use?

01: Not applicable (N/A)

### Archived Content

02: %

03: Don't know

#### E18.

In 2011, approximately what percentage of the propane consumption on your bills was strictly for your household's use?

01: Not applicable (N/A)

02: %

03: Don't know

## SECTION F Information Sharing

#### F1.

To avoid duplication, Statistics Canada has entered into an agreement to share the combined information from this survey with the Office of Energy Efficiency of Natural Resources Canada (NRCan). 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 from the person responsible for paying the energy bills or directly from the energy supplier(s). Names, addresses, telephone numbers and account numbers will not be shared. NRCan has undertaken 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 NRCan?

01: Yes

02: No

## TABLE A Electricity Consumption

Please obtain all of your electricity bills covering the past 14 month consumption period. Sort the electricity bills in ascending order. Please complete the table below with the information from your electricity bills.

If you have one or more recent electricity bills, the previous month's consumption summary may be available on the bills. **Archived Content** You can use that information to transcribe the energy consumption for all 14 months without having to produce all bills.

01: Start date (DD / MM / YYYY)

02: End date (DD / MM / YYYY)

03: Number of days covered

04: Unit of measure (kW)

05: Unit of measure (GJ)

06: Energy consumption

### **TABLE B Natural Gas Consumption**

Please obtain all of your natural gas bills covering the past 14 month consumption period. Sort the natural gas bills in ascending order. Please complete the table below with the information from your natural gas bills.

01: Start date (DD / MM / YYYY)

02: End date (DD / MM / YYYY)

03: Number of days covered

04: Unit of measure (m3)

05: Unit of measure (GJ)

06: Energy consumption

### **TABLE C Heating Oil Consumption**

Please obtain your most recent heating oil bills. Sort the heating oil bills in ascending order. Please complete the table below with the information from your heating oil bills. If you can not locate your most recent heating oil bills, please provide your best estimate.

01: Start date (DD / MM / YYYY)

02: Unit of measure (Litres)

03: Unit of measure (Gallons)

04: Amount of oil purchased

05: Actual (from bills)

06: Estimate



## TABLE D Propane Gas Consumption

Please obtain your most recent propane gas bills. Sort the propane gas bills in ascending order. Please complete the table below with the information from your propane gas bills.

If you can not locate your most recent propane gas bills, please provide your best estimate.

01: Start date (DD / MM / YYYY)

02: Unit of measure (Litres)

03: Unit of measure (Gallons)

04: Amount of gas purchased

05: Actual (from bills)

06: Estimate

## SECTION G Comments

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 before returning your questionnaire. Thank you.

**Date modified:**

2015-09-29