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Guide for the Survey of Household Energy Use

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What's this survey all about?

What does the survey cover?

How should I prepare?

Is the information confidential?

Of course! The survey is being conducted under the Statistics Act which means that all of your answers will be kept confidential and will be used only for statistical purposes. You can be assured that no identifiable data about individual households will be made available to any person, department or agency.



Please retain this Guide for the interview

Copie française disponible

What if I rent my home or apartment?

This survey applies to both home and apartment dwellers, renters and owners alike. Even if you rent, we still want to know about your appliances and your use of energy. Some questions, like insulation, doors and windows, are for home dwellers only, regardless of whether they rent or own the home they live in.

How much time will it take?

It should take you about 15 minutes to gather the information requested in this guide. If you have some help, it could take less. Then, when the interviewer calls, the survey itself should be another 15 to 20 minutes.

Do I need any special tools?

Nothing really special other than a pencil to check off the boxes ☒ or fill in the brackets (). It might be useful to have a flashlight to see some of those model number identification plates. Do not move appliances to read the model number.

If I have any questions?

If you have any specific questions about household energy use, you can discuss these with your interviewer. Questions about Statistics Canada or this household survey in general can be directed to any one of our regional offices listed in the back of this guide.

Things to check before the interviewer calls.

Read through this guide one final time to make sure as many questions as possible are completed. If you need clarification, ask the interviewer. And keep this guide handy for when the interviewer calls. It's also a handy record of your appliances and other equipment. Good luck and enjoy the survey.



Section A

Appliances

Your interviewer will be asking you details about the major appliances you are actually using in your household. Determine main and secondary by the frequency of use. The make (manufacturer's name) almost always appears on a front nameplate. To find the model number, look inside the appliance for a small

metal plate or label. We have given you some hints on where to find it. Please record the model number, not the serial number. If you can't find the model plate, you might look in the user's manual or warranty information that came with the appliance.

Main Refrigerator



Look for the model number plate

- inside left or right wall
- inside top of refrigerator section
- on door frame or door jam
- behind the kick plate

Make: _____

Model number: _____

Age: () years _____

Size:

- ☐ bar fridge (less than 6.5 cubic feet)
- ☐ small (6.5 - 12.4 cubic feet)
- ☐ medium (12.5 - 16.4 cubic feet)
- ☐ large (16.5 - 20.0 cubic feet)
- ☐ very large (more than 20 cubic feet)

Frost free: ☐ yes ☐ no

Second Refrigerator

Make: _____

Model number: _____

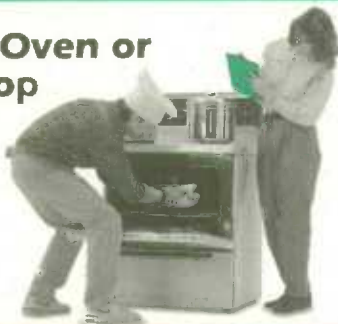
Age: () years _____

Size:

- ☐ bar fridge (less than 6.5 cubic feet)
- ☐ small (6.5 - 12.4 cubic feet)
- ☐ medium (12.5 - 16.4 cubic feet)
- ☐ large (16.5 - 20.0 cubic feet)
- ☐ very large (more than 20 cubic feet)

Frost free: ☐ yes ☐ no

Stove, Oven or Cook-top



Look for the model number plate

- on or near frame of storage drawer
- built-in oven - inside near front

Make: _____

Model number: _____

Age: () years _____

Self-cleaning oven:

☐ yes ☐ no

How often do you use this feature?
() times/month _____

Is it a convection oven?

(fan circulates hot air)

☐ yes ☐ no

Microwave

How often do you use your microwave for...

	reheating	defrosting	cooking
everyday	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
few times/week	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
once week or less	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
never	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Dishwasher



Look for the model number plate
● on door frame inside near opening

Make: _____

Model number: _____

Age: () years

Size:

- ☐ compact (less than 22 inches wide X 30 inches high)
☐ standard (22 inches wide X 30 inches high or greater)

Does your dishwasher have a switch that allows you to turn off the heat to dry the dishes?

☐ yes ☐ no

Do you usually dry dishes with...

- ☐ heat on
☐ heat off
☐ door open

How many loads of dishes washed in an average week? ()

Main Freezer



Look for the model number plate

- If chest freezer - on inside top or inside walls
● If upright - as in refrigerator

Make: _____

Model number: _____

Age: () years

Size:

- ☐ very small (less than 7.0 cubic feet)
☐ small (7.0 - 13.9 cubic feet)
☐ medium (14.0 - 17.9 cubic feet)
☐ large (18.0 - 22.9 cubic feet)
☐ very large (more than 23 cubic feet)

Second Freezer

Make: _____

Model number: _____

Age: () years

Size:

- ☐ very small (less than 7.0 cubic feet)
☐ small (7.0 - 13.9 cubic feet)
☐ medium (14.0 - 17.9 cubic feet)
☐ large (18.0 - 22.9 cubic feet)
☐ very large (more than 23 cubic feet)

Washing Machine



Look for the model number plate

- on top of control panel
● rim of tub after door lifted
● outside near the bottom

Make: _____

Model number: _____

Age: () years

Size: (tub capacity)

- ☐ mini (compact)
☐ standard (full size)
☐ large (extra capacity)

Water temperature options available for... washing rinsing

hot	<input type="checkbox"/>	<input type="checkbox"/>
warm	<input type="checkbox"/>	<input type="checkbox"/>
cold	<input type="checkbox"/>	<input type="checkbox"/>

Temperature options used most for washing () rinsing ()

Can you choose water level in your machine? ☐ yes ☐ no

How many loads of laundry washed in an average week:
() in winter () in summer

Clothes Dryer

Look for the model number plate
● on inside of door frame near opening

Make: _____

Model number: _____

Age: () years

Size: (drum capacity)

- ☐ mini (compact)
☐ standard (full size)
☐ large (extra capacity)

Check for these dryer options

- ☐ pre-selected manual timer
☐ automatic shut off when dry
☐ cool-down or permapress setting

Which ones do you regularly use?

- ☐ pre-selected manual timer
☐ automatic shut off when dry
☐ cool-down or permapress setting

Loads laundry dried/average week:
() in winter () in summer

Section B

If you live in an apartment, or rent a duplex then please go to Section D.

House Heating

This section is for residents of houses only, that is, a single, double, duplex (owners), row or mobile home. Home heating takes a big portion of the

household energy budget. To get ready for the interview, please fill in as many answers as possible.

Heat Pump

If you have a heat pump...

Type: ☐ air ☐ ground

Power: () BTU/h or () tons

Age: () years

Do you use a back-up furnace with your heat pump?

☐ yes ☐ no

Fuel(s) used in back-up furnace:

() ()

Primary Heating System

The central heating equipment heating most of the house

Look for the model number plate
• on front or side of unit

Make:

Model number:

Age: () years

Type of heating system:

- ☐ furnace with hot air vents
- ☐ boiler with hot water radiators
- ☐ wood stove
- ☐ electric baseboards
- ☐ electric radiant heating
- ☐ other

Fuel(s) used:

- ☐ natural gas
- ☐ oil
- ☐ electricity
- ☐ wood
- ☐ propane
- ☐ coal
- ☐ other

Efficiency rating of your OIL or GAS heating equipment:

- ☐ standard (50-65%)
- ☐ medium (75-80%)
- ☐ high (90% or higher)

Special features on your central heating system:

- ☐ central electronic air filter
- ☐ central humidifier
- ☐ central dehumidifier
- ☐ programmable thermostat to pre-select the temperature

The temperature you maintain your home during heating season:

Daytime 6am-6pm () °F or () °C

Evening 6pm-10pm () °F or () °C

Overnight 10pm-6am () °F or () °C



Supplementary Heating System and Fireplace

Secondary equipment used to complement the primary system

Types of supplementary heating equipment you use:

- ☐ wood stove
- ☐ electric baseboard
- ☐ portable heaters
- ☐ other

If wood stove:

Age: () years

Frequency of use () hours/day

Use of your supplementary heating system:

- ☐ less than 25% of the time
- ☐ 25 to 75% of the time
- ☐ more than 75% of the time

Wood burning fireplace:

☐ yes ☐ no

Age: () years

Use of Wood

If you use wood for primary or supplementary heating, how many cords of wood do you use in an average year?

() cord(s)

Cord size:

- ☐ face/stove cord
Hint: (less than 4x4x8ft.)
- ☐ full/bush cord
Hint: (4x4x8ft.)

Section C

If you live in an apartment, or rent a duplex then please go to Section D.

House Features and Condition

Again, this section is for residents of houses only (single, double, duplex (owners), row, mobile homes). Here we want to know about the

characteristics of your house. The interviewer will inquire about insulation upgrades and other energy improvements.

House

Type of house:

- ☐ one storey
☐ one and one half storeys
☐ two storeys
☐ two and one half storeys
☐ three storeys
☐ split level
☐ bi-level (split entry)
☐ other ()

The total heated living area:

(excluding basement and garage)

- ☐ less than 600 square feet
☐ 601-1000 square feet
☐ 1001-1500 square feet
☐ 1501-2000 square feet
☐ 2001-2500 square feet
☐ 2501 square feet or more
 or inside dimensions
 length() x width()feet

Basement

The square footage of basement or crawl space:

()square feet

or inside dimensions

length() x width()feet

Insulation Improvements and Replacements

Year improvement / replacement done:

1977 or earlier

1978-1983

1984 or later

<input type="checkbox"/> insulation-outside walls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> insulation-inside walls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> insulation-roof/attic	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> insulation-basement walls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> insulation-basement floor (exclude carpeting/flooring)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> exterior doors replaced	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> exterior door caulking or weather stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> windows replaced	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> window caulking or weather stripping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Exterior Doors

Number of doors leading to outside or to unheated areas:

number

() wood doors with storms

() wood doors without storms

() metal doors with storms

number

() metal doors without storms

() patio doors

() other exterior doors

Windows

Number of windows in the heated area of your home:
(If you have windows in an unheated garage, basement or attic, do not count them)

number

() triple pane

() double pane

() single pane with storm windows

() single pane without storms

Ventilation

Some homes have a central ventilation system (air exchanger) which provides fresh air to the entire house and exhausts stale air outside.

Do you have one?

☐ yes ☐ no

Does it have heat recovery?

☐ yes ☐ no

Section D

House dwellers should skip this section and go to Section E.

Apartment Heating and Size

This section is for participants who rent or own their own apartments. Here we focus on how your apartment is heated, the temperature

you maintain it at during the heating season, and other questions about supplementary heating equipment.

Size

The total heated living area of your apartment:

- ☐ less than 600 square feet
- ☐ 601-1000 square feet
- ☐ 1001-1500 square feet

- ☐ 1501-2000 square feet
- ☐ 2001-2500 square feet
- ☐ 2501 square feet or more

or inside dimensions:

length() x width()feet

Primary Heating System

Type of equipment used to heat most of your apartment

Type of heating system:

- ☐ furnace with hot air vents
- ☐ boiler with hot water radiators
- ☐ wood stove
- ☐ electric baseboards
- ☐ electric radiant heating
- ☐ other

Fuel(s) used:

- ☐ electricity
- ☐ natural gas
- ☐ oil
- ☐ wood
- ☐ propane
- ☐ coal
- ☐ other

The temperature you maintain your apt during heating season

Daytime 6am-6pm ()°F or ()°C

Evening 6pm-10pm ()°F or ()°C

Overnight 10pm-6am ()°F or ()°C

Supplementary Heating System and Fireplace

Secondary equipment used to complement the primary system

Types of supplementary heating equipment you use:

- ☐ wood stove
- ☐ electric baseboard
- ☐ portable heaters
- ☐ other

If wood stove:

Age: () years

Frequency of use () hours/day

Use of your supplementary heating system:

- ☐ less than 25% of the time
- ☐ 25 to 75% of the time
- ☐ more than 75% of the time

Wood burning fireplace:

☐ yes ☐ no

Age: () years

Use of Wood

If you use wood for primary or supplementary heating, how many cords of wood do you use in an average year?
() cord(s)

Cord size:

- ☐ face/stove cord
Hint: (less than 4x4x8ft.)
- ☐ full/bush cord
Hint: (4x4x8ft.)

Section E

Air Conditioning or Cooling

Central Air-conditioning

(For houses only)

Cooling capacity:

() BTU/h or () tons

Age: () years

Window or Room Air-conditioner

(For apartments and houses)



If there is more than one unit, list them in order of frequency of use.

Look for the model number plate

- inside front cover

	First Unit	Second Unit	Third Unit
Make:			
Model number:			
Age: (years)			
Power: (BTU/h or tons)			

Section F

If the hot water heater is shared
with other dwellings, go to section G

Hot Water

Heating running water consumes a lot of energy, so your interviewer wants to know more about your hot water system.

A word of caution

Do not open up your water heater to find any model numbers!

Water Heater



Look for the model number plate

- on the front or side of the water heater

Make: _____

Model number: _____

Age: () years

Size:

- ☐ small (30 gal. [140 litres] or less)
- ☐ medium (40 gal. [180 litres])
- ☐ large (50 gal. [230 litres])
- ☐ very large (60 gal. [270 litres] or more)

Energy used to heat hot running water:

- ☐ electricity
- ☐ oil
- ☐ natural gas
- ☐ propane
- ☐ other

Hot water system energy saving devices:

- ☐ add-on insulation or blanket around tank
- ☐ insulation around the pipes
- ☐ energy saving shower head
- ☐ water flow reducer on faucet's

Section G

Lighting

Your interviewer will be asking you about the number and the type of lightbulbs you use in your house or apartment. When you're counting,

please include all the lightbulbs in a fixture, including chandeliers. Exclude appliance lightbulbs such as in a fridge or oven and Christmas lights.

Halogen Bulbs

Special effect, high intensity, low wattage lightbulbs

number

() indoor

() outdoor

Fluorescent Bulbs

Usually long, tubular lamps or the energy saving types

number

() indoor

() outdoor

Incandescent Bulbs



Normal clear or frosted lightbulbs in each room:

number

() kitchen

() living/dining area

() bedrooms/closets

() family room

() bathrooms

() hallways

number

() basement

() attic

() other areas inside

() garage

() outdoors

Section H

General Energy Information

Your interviewer will request permission to ask your energy supplier about how much energy was used by this household in the past year.

This information will be used for statistical purposes only. Energy use of individual households will not be disclosed to any person or agency.

Year Dwelling Built

- ☐ before 1941
☐ 1941-1960
☐ 1961-1977

- ☐ 1978-1982
☐ 1983-1988
☐ 1989 or later

Suppliers

Name of your hydro company supplier

name:

Name and location of your fuel oil supplier

name:

city/town:

Name and location of your natural gas supplier

name:

city/town:

Notes

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Thank You.

We appreciate your cooperation in this survey. If you have any general questions, please contact the Statistics Canada regional office nearest you.

