

Survey of Commercial and Institutional Energy Use, 2014

Building - worksheet

Confidential when completed.

If necessary, please make address label corrections below.

Legal name
C0001 _____

Business name
C0002 _____

Title of contact
C0021 _____

First name of contact
C0008 _____

Last name of contact
C0028 _____

Address (number and street)
C0004 _____

City _____ Province/territory/state
C0005 _____ C0006 _____

Country _____ Postal code
C0053 _____ C0009 _____

Email address
C0009 _____

Preferred language: 1 English 2 French

GENERAL INFORMATION

This information is collected under the authority of the *Statistics Act*, Revised Statutes of Canada, 1985, Chapter S-19.
COMPLETION OF THIS QUESTIONNAIRE IS A LEGAL REQUIREMENT UNDER THIS ACT.

The purpose of this survey

Statistics Canada, in partnership with Natural Resources Canada, is conducting this survey to collect detailed information on the energy demand and consumption patterns of Canadian businesses, organizations and institutions. This survey collects data on the types and quantities of energy (such as electricity, natural gas etc.) consumed by businesses and institutions in Canada. One of the principal goals of Natural Resources Canada is to continually improve energy efficiency in Canada through various measures. Improving energy efficiency reduces greenhouse gas emissions that contribute to climate change. The information may also be used by Statistics Canada for other statistical and research purposes.

This worksheet is designed to help you gather the required information prior to our personal interview that will take place. Gathering this information prior to your personal interview is crucial to the success of this initiative. You will be contacted shortly to set up an interview time that works for you.

Data-sharing agreements

To reduce respondent burden, Statistics Canada has entered into data-sharing agreements with provincial and territorial statistical agencies and other government organizations, which have agreed to keep the data confidential and use them only for statistical purposes.

Information on data-sharing agreements can be found on the last page of this questionnaire.

Record linkages

To enhance the data from this survey, Statistics Canada may combine it with information from other surveys or from administrative sources.

Fax or email transmission disclosure

Statistics Canada advises you that there could be a risk of disclosure during the transmission of information by facsimile or e-mail. However, upon receipt, Statistics Canada will provide the guaranteed level of protection afforded to all information collected under the authority of the *Statistics Act*.

Confidentiality

The *Statistics Act* protects the confidentiality of information collected by Statistics Canada. Statistics Canada is prohibited by law from releasing any information it collects that could identify any person, business, or organization, unless consent has been given by the respondent or as permitted by the *Statistics Act*. Statistics Canada will use the information from this survey for statistical and research purposes.

Who should complete this questionnaire?

This questionnaire should be completed by a manager or facilities manager with a thorough knowledge of your organization's energy use.

Where to find energy-consumption information?

Common sources for finding your organization's energy consumption include your utility bills, your energy management information system, your utility company, as well as your landlord or property manager.

Reporting

Please report on all energy consumed during the 2014 calendar year.

If you prefer to return your completed questionnaire by fax, please send it to: 1-888-883-7999.

Which building should you report for?

When completing this questionnaire, please report for the building identified by the label on the cover page. Please report for the total space of the building, including space occupied by other organizations.

The survey data will be used to measure energy consumption and calculate energy intensity by building type occupied by different industries in Canada's commercial and institutional sector. To determine energy intensity, we need both the total energy consumption and the total floor space of this building associated with the energy consumption.

If you are a retail building

- i. If you are an anchor store within an enclosed mall or a strip mall, please report for only the portion of the mall which your anchor store occupies. An anchor store is a major commercial tenant such as a grocery store, a department store, or a sporting goods store which may have both a shared and independent entrance as in the case of enclosed mall, often with different operating hours than the mall.
- ii. If you are not an anchor store and are reporting for an enclosed mall or a strip mall, the space of your building and the energy you are reporting for should include the space occupied by your business, all tenants, common space and indoor parking, but should exclude the space in buildings occupied by anchor store(s).

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A. OPERATIONS

1. During the 2014 calendar year, which months was this building in operation?

C05000 All 12 months **or** only the following months:

Mark (✓) **all** that apply

- C05001 January C05007 July
C05002 February C05008 August
C05003 March C05009 September
C05004 April C05010 October
C05005 May C05011 November
C05006 June C05012 December

2. Please indicate the number of operating hours for this building during a typical week in 2014.

- Please exclude any time when maintenance, housekeeping, or security staff are working outside of the normal operating hours. If the hours vary for different parts of the building, report for that area which is open the longest.

C05100 [grid] Hour(s) during a typical week in 2014

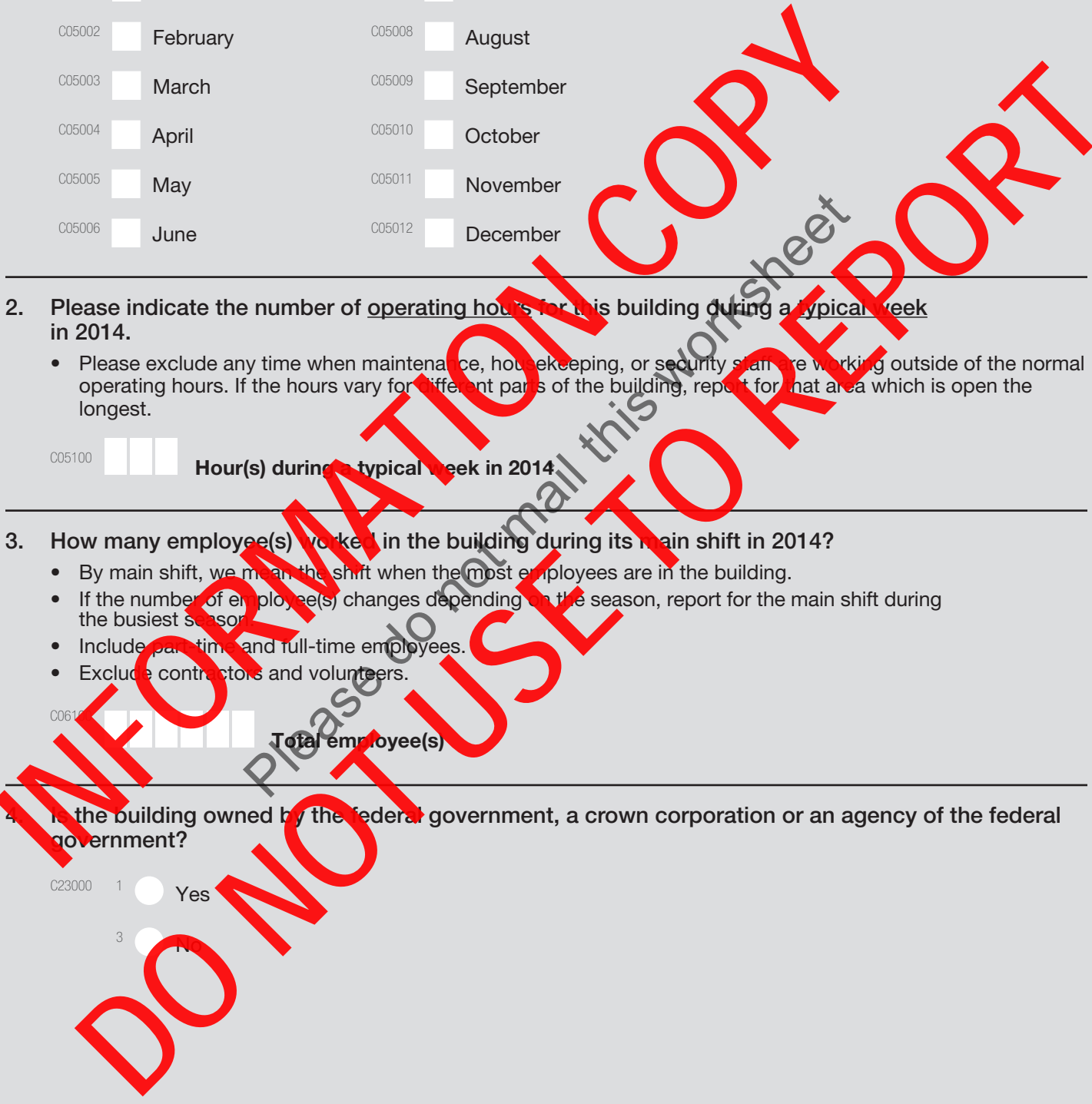
3. How many employee(s) worked in the building during its main shift in 2014?

- By main shift, we mean the shift when the most employees are in the building.
• If the number of employee(s) changes depending on the season, report for the main shift during the busiest season.
• Include part-time and full-time employees.
• Exclude contractors and volunteers.

C06100 [grid] Total employee(s)

4. Is the building owned by the federal government, a crown corporation or an agency of the federal government?

C23000 1 Yes
3 No



B. BUILDING OCCUPANCY

5a. As of December 31, 2014, what was the total floor area of the building?

- Include all enclosed floors of the building, such as indoor parking (include partially exposed parking), mechanical areas, common areas and basements.
- If you don't know the exact area, please provide your best estimate (i.e., multiply the length of your building by its width and by the number of floors).

C04000

Total floor area of building

measured in: C04001

1

Square feet (ft²)

3

Square metres (m²)

5b. As of December 31, 2014, how was the total floor area of this building allocated?

- Include all enclosed floors of the building, including mechanical areas and basements.
- Include annexes and temporary areas.

Allocation of the building floor area	Percentage of the building floor area
Total floor area of this building	100 %
Floor area occupied by your business (exclude common areas)	C23002 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> %
Floor area occupied by other businesses or tenants (exclude common areas)	C24102 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> %
Common spaces shared with other businesses of this building (such as foyers, lobbies, washrooms, elevators, stairwells)	C24202 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> %
Vacant (unoccupied rentable space)	C24302 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> %
Indoor parking (include partially exposed parking)	C24402 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> %

6. Please indicate the percentage of total floor area of this building (as reported in 5a.) that was, for the 2014 calendar year,

a. heated to at least 10 degrees Celsius (50 degrees Fahrenheit)

- Include basements
- Exclude indoor parking areas.

C25000

%

b. air conditioned

- Include basements
- Exclude indoor parking areas.

C25100

%

7a. Does this building have heated indoor parking?

C26000 1 Yes 3 No ⇨ Go to question 7c.

7b. Is the energy consumed within the indoor parking (lighting and heating) included on your utility bill or in your lease payment for this building?

C26100 1 Yes 3 No 5 N/A (no energy consumed within the indoor parking)

7c. Does this building have outdoor parking?

C26200 1 Yes 3 No ⇨ Go to question 8.

7d. Is the energy consumed within the outdoor parking area (lighting, plug-ins) included on your utility bill or in your lease payment for this building?

C26300 1 Yes 3 No 5 N/A (no energy consumed within the outdoor parking)

C. BUILDING ACTIVITY

8. From the following list of activities, please indicate the percentage of floor space for each activity or function of this building.

Activities and functions	Percentage of total floor space
Office Building (non-medical)	C27000 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> %
Office Building (medical)	C27001 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> %
Primary or Secondary School	C27002 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> %
Assisted Daily Care Facility and/or Residential Care Facility	C27003 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> %
Warehouse	C27004 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> %
Hotel, Motel and/or Lodge	C27005 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> %
Hospital	C27006 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> %
Food and Beverage Stores (excluding restaurants and bars)	C27007 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> %
Retail Store (non-food)	C27008 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> %
Other activity or function - <i>Please specify</i> C27010 <input type="text"/>	C27009 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> %

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D. BUILDING CONSTRUCTION

9a. In which year was this building constructed?

- If two or more portions were constructed at different times, then choose the oldest.

C28000 Year

9b. Have there been major additions to this building since this building was originally constructed?

C28100 1 Yes 3 No → Go to question 10.

9c. Please provide the year the largest addition was built and the percentage of total building area this addition represents.

Year of addition	% of total building area reported in question 5a.
C28200 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	C28201 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> %

10. How many floors are in the tallest section of the building?

- Include basements, parking levels, or any other floors below ground level.
- Exclude half-floors, mezzanines, balconies and lifts.

C29000 Floor(s)

11. How many elevators are in this building?

- Include service elevators and lifts.

C30000 Elevators

12. How many escalators are in this building?

- Count each one. For example, a pair of up and down escalators should be counted as two.

C31000 Escalators

13. How many walls of this building at the ground level or higher are shared with another building?

- C32000 1 None (the building is free standing)
2 One
3 Two
4 Three
5 Four or more

14. Is this building part of a multi-building complex or campus?

C34000 1 Yes 3 No

E. EQUIPMENT COUNTS

15. As of December 31, 2014, how many of the following types of devices were in use in this building?

- Include devices that are in use (plugged in) in the total floor space reported in question 5a.
- If you don't know the exact number, please provide your best estimate.

Type of device	Number of devices
Computers • Include personal computers and laptops. • Exclude cash registers and battery-operated hand-held devices, servers in a dedicated server room.	C07000 <input type="text"/>
Cash registers • Include self-serve check-outs. • Exclude portable, hand-held devices.	C07013 <input type="text"/>
Televisions/electronic displays/LCDs • Do not include desk computer monitors.	C07002 <input type="text"/>
Printers, photocopiers, fax machines and multi-functional devices	C07003 <input type="text"/>
Commercial appliances • Include commercial appliances such as freezers, refrigerators, dish washers, stoves and ovens, microwaves, washers and dryers. • Exclude walk-in refrigerators and freezers. • Exclude refrigerated and freezer food display cases.	C07004 <input type="text"/>
Domestic appliances • Include domestic appliances such as freezers, refrigerators, dish washers, stoves and ovens, microwaves, washers and dryers.	C07005 <input type="text"/>
Magnetic Resonance Imaging (MRI)	C07010 <input type="text"/>
Electronic sterilization equipment	C07011 <input type="text"/>
Vending machines	C07012 <input type="text"/>

F. BUILDING FEATURES

16a. Is this building a retail building?

C33001 1 Yes No → Go to question 17.

16b. Which of the following best describes the structure of this building?

- C33001 1 Enclosed mall
- 2 Strip mall
- 3 Stand-alone store
- Other - Please specify C33002

16c. Is this an anchor store?

(Note: An anchor store is a major commercial tenant such as a grocery store or a department store which may have both a shared and independent entrance as in the case of enclosed mall.)

- C33003 1 Yes
- 3 No

17. Does this building have on-site laundry facilities?

C35000 1 Yes 3 No

18a. Does this building have one or more rooms dedicated to computer servers?

C36000 1 Yes 3 No → Go to question 19a.

18b. What is the area (length by width) of this building's computer server room(s)?

- If more than one computer server room, please provide the combined area.

C36100

measured in: C36101 1 Square feet (ft²) 3 Square metres (m²)

19a. Does this building have one or more swimming pool(s)?

C37000 1 Yes 3 No → Go to question 20a.

19b. Does this building have one or more

indoor swimming pools? C37100 Yes 3 No

outdoor swimming pools? C37200 1 Yes 3 No

19c. Is the energy consumed in heating the swimming pool(s) included on your utility bill or in your lease payment for this building?

C37200 1 Yes 3 No 4 N/A (no heated swimming pool)

19d. What is the area (length by width) of this building's pool(s)?

- If more than one pool, please provide the combined area.

C37300

measured in: C37301 1 Square feet (ft²) 3 Square metres (m²)

20a. Does this building have one or more gymnasium(s)?

C38000 1 Yes 3 No → Go to question 21a.

20b. What is the total floor area (length by width) of the gymnasium(s)?

- If more than one gymnasium, please provide the combined area.

C38100

measured in: C38101 1 Square feet (ft²) 3 Square metres (m²)

21a. Does this building have walk-in refrigerators and/or freezers?

C39000 1 Yes 3 No → Go to question 21c.

21b. What is the total area of the walk-in refrigerator(s) and/or freezer(s)?

C39100 Area

measured in: C39101 1 Square feet (ft²) 3 Square metres (m²)

21c. Does this building have refrigerated/freezer food display cases?

C39200 1 Yes 3 No → Go to question 22a.

21d. What is the total length of the following refrigerated/freezer food display cases?

Equipment	Length	Measured in	N/A
Open refrigerated cases	C39301 <input type="text"/>	C39300 <input type="radio"/> Feet 3 <input type="radio"/> Metres	C39302 <input type="checkbox"/>
Closed refrigerated cases	C39401 <input type="text"/>	C39400 1 <input type="radio"/> Feet 3 <input type="radio"/> Metres	C39402 <input type="checkbox"/>
Open freezer cases	C39501 <input type="text"/>	<input type="radio"/> Feet 3 <input type="radio"/> Metres	C39502 <input type="checkbox"/>
Closed freezer cases	C39601 <input type="text"/>	C39600 1 <input type="radio"/> Feet 3 <input type="radio"/> Metres	C39602 <input type="checkbox"/>

22a. Is this building a warehouse?

C40000 1 Yes 3 No → Go to question 23a.

22b. Which of the following categories best describes this building's warehouse space?

Mark (X) *all that apply*

- C40101 Distribution centre
 C40102 Non-refrigerated warehouse
 C40103 Refrigerated warehouse
 C40104 Self-storage facility

C40105 Other - Please specify C40106

22c. Please provide the volume (length by width by height) of the warehouse space for this building.

- Exclude walk-ins and food-display cases.

C40200 Volume

measured in: C40201 1 Cubic feet (ft³) 3 Cubic metres (m³)

22d. From the volume of warehouse space reported in 22c, please provide the percentage of volume of the refrigerated warehouse space for the following categories.

- Exclude walk-in refrigerators and/or freezers.
- Exclude refrigerated/freezer display cases.

Allocation of warehouse space	% of Volume (Length by width by height)
Total volume	100 %
Spaces cooled to 1 degree Celsius or higher (33.8 degrees Fahrenheit or higher)	C40301 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> %
Spaces cooled between 0 and -28 degrees Celsius (between 32 and -18.4 degrees Fahrenheit)	C40401 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> %
Spaces cooled below -28 degrees Celsius (below -18.4 degrees Fahrenheit)	C40501 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> %
Spaces not cooled	C40601 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> %

23a. Does this building have a commercial or institutional food preparation area?

- Exclude staff kitchens.

C41000 1 Yes 3 No ⇒ Go to question 24a.

23b. What is the total floor area (length by width) in use for commercial or institutional food preparation?

- If more than one preparation area, please provide the combined total area.
- Exclude seating area for patrons and staff kitchens.

C41100 measured in: C41101 1 Square feet (ft²) 3 Square metres (m²)

24a. Is this building a school?

C42000 1 Yes 3 No ⇒ Go to question 25a.

24b. What type of school is this building?

Mark () *all that apply*

C42100 Primary school C42102 Secondary school

C42103 Other - Please specify C42104

24c. Is this school normally used in the evening or on weekends for community programs and/or night classes for more than 10 hours per week?

C42300 1 Yes 3 No

24d. In the 2014 calendar year, what was the average number of students registered at this school?

C42400 Student(s)

24e. Does this school have any portable classrooms?

C42500 1 Yes 3 No ⇒ Go to question 24h.

24f. How many portable classrooms were in use at this school in 2014?

C42600 Portable(s)

24g. Are the portable classrooms electrically powered by the main building supply?

C42700 1 Yes 3 No

24h. Does this school have on-site daycare?

C42800 1 Yes 3 No

25a. Is this building an assisted daily living facility, residential care facility, or hospital?

C43000 1 Yes 3 No → Go to question 26a.

25b. What is the licensed bed capacity of this building?

C43100 Bed(s)

26a. Is this building a hotel, a motel or a lodge?

C44000 1 Yes 3 No → Go to question 27a.

26b. How many guest rooms or occupant rooms are in this building?

C44100 Room(s)

26c. In 2014, on average, what percentage of the guest or occupant rooms in this building were occupied per night?

C44200 %

26d. Is there any space in this building used for conferences or social events?

C44300 1 Yes 3 No → Go to question 27a.

26e. What is the total floor area that is available for conferences or social events in this building?

- Exclude guest rooms of people attending the event.
- Include the area available for the event.

C44400 Area

measured in: C44401 1 Square feet (ft²) 3 Square metres (m²)

G. ENERGY USE

27a. For the 2014 calendar year, please report the quantity and expenditure for each energy source or domestic water consumed in this building, for the space indicated in question 5a.

- Please report expenditures in Canadian dollars.
- Exclude fuel or energy used for transportation.
- Include taxes, service charges and any rebates (**total amount on your utility bill**).
- If your landlord pays your energy bills, please consult landlord for values.
- Please report electricity generated on-site separately in questions 28 to 33.

Energy source	Quantity consumed by this building	Unit of measure	Expenditure for energy (CAD \$ (omit cents))	Are the energy costs included in your lease payments?
Purchased Electricity	C08000 []	C08001 1 <input type="radio"/> Kilowatt-hours (kWh) 2 <input type="radio"/> Megawatt-hours (MWh) 3 <input type="radio"/> Gigajoules (GJ) 4 <input type="radio"/> Other - Please specify	C08003 \$ [] .00	C08004 1 <input type="radio"/> Yes 3 <input type="radio"/> No 4 <input type="radio"/> Partial 5 <input type="radio"/> N/A
	[]	C08002 []		
Natural gas	C08100 []	C08101 1 <input type="radio"/> Cubic metres (m ³) 2 <input type="radio"/> Litres (L) 3 <input type="radio"/> Cubic feet (ft ³) 4 <input type="radio"/> Gigajoules (GJ) 5 <input type="radio"/> Million British thermal units (MMBtu) 6 <input type="radio"/> Other - Please specify	C08103 \$ [] .00	C08104 1 <input type="radio"/> Yes 3 <input type="radio"/> No 4 <input type="radio"/> Partial 5 <input type="radio"/> N/A
	[]	C08102 []		
Light fuel oil	C08200 []	C08201 1 <input type="radio"/> Litres (L) 2 <input type="radio"/> Gigajoules (GJ) 3 <input type="radio"/> Gallons (US) 4 <input type="radio"/> Gallons (UK) 5 <input type="radio"/> Other - Please specify	C08203 \$ [] .00	C08204 1 <input type="radio"/> Yes 3 <input type="radio"/> No 4 <input type="radio"/> Partial 5 <input type="radio"/> N/A
	[]	C08202 []		
Diesel (exclude energy used for transportation)	C08300 []	C08301 1 <input type="radio"/> Litres (L) 2 <input type="radio"/> Gigajoules (GJ) 3 <input type="radio"/> Gallons (US) 4 <input type="radio"/> Gallons (UK) 5 <input type="radio"/> Other - Please specify	C08303 \$ [] .00	C08304 1 <input type="radio"/> Yes 3 <input type="radio"/> No 4 <input type="radio"/> Partial 5 <input type="radio"/> N/A
	[]	C08302 []		

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Energy source	Quantity consumed by this building	Unit of measure	Expenditure for energy CAD \$ (omit cents)	Are the energy costs included in your lease payments?
Kerosene	C08400 [Redacted]	C08401 1 <input type="radio"/> Litres (L) 2 <input type="radio"/> Gigajoules (GJ) 3 <input type="radio"/> Gallons (US) 4 <input type="radio"/> Gallons (UK) 5 <input type="radio"/> Other - Please specify C08402 [Redacted]	C08403 \$ [Redacted].00	C08404 1 <input type="radio"/> Yes 3 <input type="radio"/> No 4 <input type="radio"/> Partial 5 <input type="radio"/> N/A
Propane or other bottled gas	C08500 [Redacted]	C08501 1 <input type="radio"/> Litres (L) 2 <input type="radio"/> Kilograms (kg) 3 <input type="radio"/> Gigajoules (GJ) 4 <input type="radio"/> Pounds (lbs) 5 <input type="radio"/> Million British thermal units (MMBtu) 6 <input type="radio"/> Other - Please specify C08502 [Redacted]	C08503 \$ [Redacted].00	C08504 1 <input type="radio"/> Yes 3 <input type="radio"/> No 4 <input type="radio"/> Partial 5 <input type="radio"/> N/A
District steam from an off-site plant	C08600 [Redacted]	C08601 1 <input type="radio"/> Kilograms (kg) 2 <input type="radio"/> Gigajoules (GJ) 3 <input type="radio"/> Million British thermal units (MMBtu) 4 <input type="radio"/> Other - Please specify C08602 [Redacted]	C08603 \$ [Redacted].00	C08604 1 <input type="radio"/> Yes 3 <input type="radio"/> No 4 <input type="radio"/> Partial 5 <input type="radio"/> N/A
District hot water from an off-site plant	C08700 [Redacted]	C08701 1 <input type="radio"/> Gigajoules (GJ) 2 <input type="radio"/> Million British thermal units (MMBtu) 3 <input type="radio"/> Other - Please specify C08702 [Redacted]	C08703 \$ [Redacted].00	C08704 1 <input type="radio"/> Yes 3 <input type="radio"/> No 4 <input type="radio"/> Partial 5 <input type="radio"/> N/A
District chilled water from an off-site plant	C08800 [Redacted]	C08801 1 <input type="radio"/> Gigajoules (GJ) 2 <input type="radio"/> Million British thermal units (MMBtu) 3 <input type="radio"/> Other - Please specify C08802 [Redacted]	C08803 \$ [Redacted].00	C08804 1 <input type="radio"/> Yes 3 <input type="radio"/> No 4 <input type="radio"/> Partial 5 <input type="radio"/> N/A

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Energy source	Quantity consumed by this building	Unit of measure	Expenditure for energy CAD \$ (omit cents)	Are the energy costs included in your lease payments?
Wood	C08900 []	C08901 1 <input type="radio"/> Full cords 2 <input type="radio"/> Pellets (tonnes) 3 <input type="radio"/> Tonnes (metric) 4 <input type="radio"/> Pounds (lbs) 5 <input type="radio"/> Other - Please specify C08902 []	C08903 \$ [] .00	C08904 1 <input type="radio"/> Yes 3 <input type="radio"/> No 4 <input type="radio"/> Partial 5 <input type="radio"/> N/A
Other energy source consumed - Please specify C08915 []	C08910 []	C08911 1 <input type="radio"/> Litres (L) 2 <input type="radio"/> Cubic metres (m ³) 3 <input type="radio"/> Gigajoules (GJ) 4 <input type="radio"/> Million British thermal units (MMBtu) 5 <input type="radio"/> Other - Please specify C08912 []	C08913 \$ [] .00	C08914 1 <input type="radio"/> Yes 3 <input type="radio"/> No 4 <input type="radio"/> Partial 5 <input type="radio"/> N/A
Domestic water	Quantity consumed by this building	Unit of measure	Expenditure for domestic water CAD \$ (omit cents)	Are the water costs included in your lease payments?
Domestic water consumed	C08920 [] C08921 <input type="radio"/> Not metered	C08922 1 <input type="radio"/> Litres (L) 2 <input type="radio"/> Cubic metres (m ³) 3 <input type="radio"/> Other - Please specify C08923 []	C08924 \$ [] .00	C08925 1 <input type="radio"/> Yes 3 <input type="radio"/> No 4 <input type="radio"/> Partial 5 <input type="radio"/> N/A

27b. Does the energy use you reported in 27a account for all the energy consumed by this building, including all tenant space and common areas?

C08930 1 Yes → Go to question 28.
2 No

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27c. For the 2014 calendar year, which types of energy usage were not included in 27a?

Mark (✓) **all** that apply

C09001 Heating of space

C09004 Plug load and lighting (electricity)

C09002 Water heating (water used for consumption)

C09005 Other usage - *Please specify*

C09003 Cooling of space

C90006

27d. Is any of the energy reported in 27a used by other buildings such as a multi-building complex or portables?

C08940 1 Yes

3 No → Go to question 28.

27e. What is the approximate area of the other buildings that are included in these figures?

C08950 Area

measured in: C08960 1 Square feet (ft²)

3 Square metres (m²)

28. Does this building use electric power generated on-site?

- Include emergency power generation.

C12000 1 Yes

3 No → Go to question 34.

29. What energy sources were used for on-site electric power generation?

Energy source	Energy source(s) for on-site electricity generation <i>Mark (✓) all that apply</i>
Natural gas	C13003 <input type="checkbox"/>
Light fuel oil, diesel, kerosene	C13021 <input type="checkbox"/>
Propane or other bottled gas	C13007 <input type="checkbox"/>
Wood	C13011 <input type="checkbox"/>
Solar	C13012 <input type="checkbox"/>
Other energy source for electricity generation – <i>Please specify</i> <input type="text"/>	C13020 <input type="checkbox"/>

30. During the 2014 calendar year, how much electricity was generated on-site, including emergency generator usage

C14000 measured in: C14001 1 Kilowatt-hours (kWh)

3 Gigajoules (GJ) C14002

5 Other - *Please specify*

31. Is the electric power generation system also a cogeneration system (i.e., does it provide useful heat to the building)?

- Cogeneration is defined as the simultaneous generation of electricity and useful thermal energy (e.g., steam) in one process and from the same fuel source. Types of cogeneration units/systems include condensing steam turbines, combined cycle gas turbines, etc.

C15000 1 Yes
3 No

32. Is the electric power generation system connected to the grid (i.e., can you sell surplus generated energy back to a utility company or energy provider)?

C16000 1 Yes
3 No → Go to question 34.

33. During the 2014 calendar year, how much energy was sold back to a utility company or energy provider?

C17000 measured in: C17001 Kilowatt-hours (kWh)
C17002 Gigajoules (GJ)
C17003 Other - Please specify

34. During the 2014 calendar year, what was the principal energy source used for heating space in this building?

- The principal energy source is the source used to heat the largest proportion of floor area in this building.

Energy source	Principal energy source for heating Mark (✓) <i>one</i> only
Electricity	C18102 <input type="radio"/>
Natural gas	C18103 <input type="radio"/>
Light fuel oil	C18104 <input type="radio"/>
Diesel	C18105 <input type="radio"/>
Kerosene	C18106 <input type="radio"/>
Propane or other bottled gas	C18107 <input type="radio"/>
District steam from an off-site plant	C18108 <input type="radio"/>
District hot water from an off-site plant	C18109 <input type="radio"/>
Wood	C18111 <input type="radio"/>
Solar	C18112 <input type="radio"/>
Other energy source for heating space – Please specify C18120 <input type="text"/>	C18119 <input type="radio"/>
None - building not heated	C18101 <input type="radio"/>

35. During the 2014 calendar year, what was the principal energy source used for cooling space in this building?

- The principal energy source is the source used to cool the largest proportion of floor area in this building.

Energy source	Principal energy source for cooling Mark (✓) <i>one only</i>
Electricity	C20102 <input type="radio"/>
Natural gas	C20103 <input type="radio"/>
District chilled water from an off-site plant	C20110 <input type="radio"/>
Other energy source for cooling space – <i>Please specify</i> C20120 <input type="text"/>	C20119 <input type="radio"/>
None - building not cooled	C20100 <input type="radio"/>

36. During the 2014 calendar year, what was the principal energy source used for domestic water heating in this building?

- Domestic water heating includes water used for washing hands, dishwashers, etc.
- Exclude water used for heating space in this building.

Energy source	Principal energy source for water heating Mark (✓) <i>one only</i>
Electricity	C22102 <input type="radio"/>
Natural gas	C22103 <input type="radio"/>
Light fuel oil	C22104 <input type="radio"/>
Diesel	C22105 <input type="radio"/>
Kerosene	C22106 <input type="radio"/>
Propane or other bottled gas	C22107 <input type="radio"/>
District steam from an off-site plant	C22108 <input type="radio"/>
District hot water from an off-site plant	C22109 <input type="radio"/>
Wood	C22111 <input type="radio"/>
Solar	C22112 <input type="radio"/>
Other energy source for domestic water heating – <i>Please specify</i> C22120 <input type="text"/>	C22119 <input type="radio"/>
None - no hot water available	C22101 <input type="radio"/>

H. ENERGY CONSERVATION

37. Which of the following energy conservation and/or energy efficiency practices have been adopted or undertaken in this building?

Mark (✓) *all that apply*

C45000 No practices were adopted

C45300 Energy monitoring/benchmarking (i.e., track over time)

C45100 Employee/occupant conservation awareness program

C45400 Recommissioning project (project to ensure all heating or cooling systems are performing at optimal levels)

C45200 Corporate energy policy

C45500 Other - Please specify

C45501

38. Does your building track its energy use over time?

C10000 1 Yes

3 No ⇒ Go to question 40

39. Which system do you use to track your building's energy use over time?

Mark (✓) *all that apply*

C11000 Spreadsheet developed in-house

C11002 ENERGY STAR® Portfolio Manager

C11001 Bill comparison

C11003 Other tracking system - Please specify

C11004

40. Which of the following energy-efficient features are currently present in this building?

Mark (✓) *all that apply*

C46000 No energy-efficient features

C46600 Reduction of enclosed floor space

C46100 Lighting

C46700 Lighting energy management-control system

C46200 Heating equipment

C46800 Heating and cooling management-control system

C46300 Cooling equipment

C46900 Other - Please specify

C46400 Insulation of basement, roof or walls

C46901

C46500 Windows

41. Please indicate which of the following renovations or retrofits were executed in this building.

C47000

1 No renovations or retrofits since 2009 ⇨ **Go to page 20.**

Changes to the buildings	Completed between 2009 and 2014	Replaced with a more efficient system	Percentage (%) of total floor area affected by renovation or retrofit
Lighting equipment	C47100 1 <input type="radio"/> Yes 3 <input type="radio"/> No	C47101 1 <input type="radio"/> Yes 3 <input type="radio"/> No	C47102 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> %
Lighting energy management control system	C47200 1 <input type="radio"/> Yes 3 <input type="radio"/> No	C47201 1 <input type="radio"/> Yes 2 <input type="radio"/> No (same efficiency) 4 <input type="radio"/> No prior system	C47202 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> %
Heating equipment (boiler, furnace, etc.)	C47300 1 <input type="radio"/> Yes 3 <input type="radio"/> No	C47301 1 <input type="radio"/> Yes 3 <input type="radio"/> No	C47302 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> %
Cooling equipment	C47400 1 <input type="radio"/> Yes 3 <input type="radio"/> No	C47401 1 <input type="radio"/> Yes 3 <input type="radio"/> No	C47402 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> %
Heating and cooling management control system (HVAC EMCS)	C47500 1 <input type="radio"/> Yes 3 <input type="radio"/> No	C47501 1 <input type="radio"/> Yes 3 <input type="radio"/> No (same efficiency) 4 <input type="radio"/> No prior system	C47502 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> %
Insulation	C47600 1 <input type="radio"/> Yes 3 <input type="radio"/> No	C47601 1 <input type="radio"/> Yes 3 <input type="radio"/> No	C47602 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> %
Windows	C47700 1 <input type="radio"/> Yes 3 <input type="radio"/> No	C47701 1 <input type="radio"/> Yes 3 <input type="radio"/> No	C47702 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> %

42. How were the renovations for this building financed?

Mark (✓) **all** that apply

C48000 Self-financed

C48001 Loan

C48002 Energy performance contract

C48003 Subsidized with incentives

C48004 Other - Please specify

C48005

CONTACT INFORMATION

First name of person to contact
about this questionnaire

C0013

Last name of person to contact
about this questionnaire

C0054

Title

C0014

Telephone number

C0017

Extension

C0027

Fax number

C0016

Email address

C0018

Date (YYYY-MM-DD)

C0015

Website address

C0020

SURVEY COMPLETION TIME

How long did you spend collecting the data and completing the questionnaire?

C9910

hour(s)

C9909

minutes

COMMENTS

Please be assured that we review all comments with the intent of improving the survey.

C9920

C9913

C9914

C9915

C9916

C9917

THANK YOU FOR PARTICIPATING IN THIS SURVEY

For further information please visit our website at www.statcan.gc.ca/survey

DATA-SHARING AGREEMENTS

To reduce respondent burden, Statistics Canada has entered into data-sharing agreements with provincial and territorial statistical agencies and other government organizations, which have agreed to keep the data confidential and use them only for statistical purposes. Statistics Canada will only share data from this survey with those organizations that have demonstrated a requirement to use the data.

Section 11 of the *Statistics Act* provides for the sharing of information with provincial and territorial statistical agencies that meet certain conditions. These agencies must have the legislative authority to collect the same information, on a mandatory basis, and the legislation must provide substantially the same provisions for confidentiality and penalties for disclosure of confidential information as the *Statistics Act*. Because these agencies have the legal authority to compel businesses to provide the same information, consent is not requested and businesses may not object to the sharing of the data.

For this survey, there are **Section 11** agreements with the provincial and territorial statistical agencies of Newfoundland and Labrador, Nova Scotia, New Brunswick, Quebec, Ontario, Manitoba, Saskatchewan, Alberta, British Columbia, and Yukon. The shared data will be limited to information pertaining to business establishments located within the jurisdiction of the respective province or territorial government organizations.

Section 12 of the *Statistics Act* provides for the sharing of information with federal, provincial or territorial government organizations." Under **Section 12**, you may refuse to share your information with any of these organizations by writing a letter of objection to the Chief Statistician and returning it with the completed questionnaire. Please specify the organizations with which you do not want to share your data.

For this survey, there are **Section 12** agreements with the statistical agencies of Prince Edward Island, the Northwest Territories and Nunavut as well as with Natural Resources Canada, Environment Canada, the British Columbia Ministry of Energy and Mines and the British Columbia Ministry of Natural Gas Development.

For agreements with provincial and territorial government organizations, the shared data will be limited to information pertaining to business establishments located within the jurisdiction of the respective province or territory.