

# Commercial and Institutional Consumption of Energy Survey, 2008

Collected under authority of the  
*Statistics Act*, Revised Statutes  
of Canada, 1985, Chapter S19.

*Français au verso*

Correct pre-printed information on label if necessary  
using the corresponding boxes below:

Business/institution/organization name  
0002

Number and street  
0004

City  
0005

Province  Postal code  
0006  0007

**Statistics Canada initially surveyed the business, institution or organization indicated below. This business, institution or organization was unable to provide us with all or some of their energy consumption data, but named your business, organization or institution as able to provide this data on their behalf. Please complete the enclosed questionnaire on behalf of the business, institution or organization named below.**

### 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 and institutions. This questionnaire collects data on the types and quantities of energy (such as electricity, natural gas etc.) consumed by small, medium and large 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. Given the current energy situation, this survey will be used to assess how well Canada is fulfilling its commitment both to increasing energy efficiency and reducing greenhouse gas emissions.

### Your participation is important

This survey is conducted under the authority of the *Statistics Act*, Revised Statutes of Canada, 1985, Chapter S19. Completion of this questionnaire is voluntary. However, your co-operation is essential to ensure the accuracy of the information collected.

### The data you report are confidential

Statistics Canada is prohibited by law from publishing or releasing any statistics which would divulge information obtained from this survey that relates to any identifiable business or institution without the previous written consent of that business or institution. The data reported on the questionnaire will be treated in strict confidence, used only for statistical purposes, and published in aggregate form only. The confidentiality provisions of the *Statistics Act* are not affected by either the *Access to Information Act* or any other legislation.

### Data sharing agreements

Statistics Canada has entered into a data sharing agreement under Section 12 of the *Statistics Act* with Natural Resources Canada and Environment Canada for the sharing of information from this survey. They will keep the information confidential and use it only for statistical purposes. Under Section 12, you may refuse to share your information by writing to the Chief Statistician of Canada and returning your letter of objection along with your completed questionnaire.

### Completion and Return

Please complete and return in the envelope provided within 20 days after receipt of this questionnaire. If you have any questions regarding this survey, or require assistance completing it, please call us toll-free:

**Operations and Integration Division**  
Telephone: 1 866 297 3138  
Fax: (613) 951 4825  
Toll-free fax : 1 888 869 0972

Please quote the nine digit reference number appearing on the address label.

## Reporting instructions

- Please complete this questionnaire on behalf of the business/institution/organization named on the front page (second label) of this questionnaire. **Do not complete this questionnaire for your business/institution/organization.**
- References to 2008 is for the calendar year (January to December).
- Consult the enclosed Reporting Guide for additional definitions.
- When precise figures are not available, please provide your best estimates.

**1. As of December 2008, what was the total gross floor area of this business/institution/organization and indicate (✓) the unit of measure. (See Reporting Guide.)**

- Exclude indoor parking, mechanical areas, and areas occupied by other establishments.
- If you don't know the exact area, please provide your best estimate.
- All remaining questions on energy use will refer to the area you report here.

0200  0201 1  # of square feet 2  # of square metres

**2. In which year was construction completed for the largest portion of the building(s) occupied by this business/institution/organization?**

- If the exact year is unknown, please provide your best estimate.
- If two or more portions/buildings of equal size were constructed at different times, then choose the oldest.

0800  0801 01  Before 1920 04  1970 - 1979 07  2000 - 2004  
 02  1920 - 1959 05  1980 - 1989 08  2005 or later  
 03  1960 - 1969 06  1990 - 1999 99  Don't know

**3. Please indicate whether any of the following energy conservation features were present in this business/institution/organization as of December 2008 (with respect to the area reported in question 1). Please see Reporting Guide.**

Energy Conservation Features	Yes	No	Don't know
Energy-efficient lighting system	0900 1 <input type="radio"/>	3 <input type="radio"/>	9 <input type="radio"/>
Programmable thermostat	0901 1 <input type="radio"/>	3 <input type="radio"/>	9 <input type="radio"/>
Heating equipment			
High-efficiency boiler	0902 1 <input type="radio"/>	3 <input type="radio"/>	9 <input type="radio"/>
Heat recovery system	0903 1 <input type="radio"/>	3 <input type="radio"/>	9 <input type="radio"/>
Ventilation and air conditioning equipment			
Variable air-volume system	0904 1 <input type="radio"/>	3 <input type="radio"/>	9 <input type="radio"/>
Outdoor-air economizer	0905 1 <input type="radio"/>	3 <input type="radio"/>	9 <input type="radio"/>
Renewable energy features			
Solar electricity	0906 1 <input type="radio"/>	3 <input type="radio"/>	9 <input type="radio"/>
Solar hot water heater	0907 1 <input type="radio"/>	3 <input type="radio"/>	9 <input type="radio"/>
Wind powered electric generator	0908 1 <input type="radio"/>	3 <input type="radio"/>	9 <input type="radio"/>
Improvements to building			
Window enhancements (e.g. low-e coatings, shading films, inert gas-fill, awnings, etc.)	0909 1 <input type="radio"/>	3 <input type="radio"/>	9 <input type="radio"/>
Basement insulation	0910 1 <input type="radio"/>	3 <input type="radio"/>	9 <input type="radio"/>
Roof insulation	0911 1 <input type="radio"/>	3 <input type="radio"/>	9 <input type="radio"/>
Wall insulation	0912 1 <input type="radio"/>	3 <input type="radio"/>	9 <input type="radio"/>
Other (please specify)	0913		
0914 <input type="text"/>	1 <input type="radio"/>	3 <input type="radio"/>	9 <input type="radio"/>

4. For the 2008 calendar year, please indicate the total quantity consumed, the unit of measure, and the total amount spent for each form of energy consumed by this business/institution/organization.

- Please indicate only the energy consumed at the building level or physical location, **related to the floor space reported in question 1.**
- Do not include fuel or energy used for transportation.
- For amount spent, please report in Canadian dollars the total including taxes, service charges and any rebates.
- If exact figures are not available, please provide your best estimate.

Energy Form	Quantity Consumed	Energy Unit of Measure (please check one)	Amount Spent Cdn \$ (omit cents)
<b>Electricity purchased</b> (please exclude electricity generated by this institution.)	1000	1001 1 <input type="radio"/> kWh 2 <input type="radio"/> MWh 3 <input type="radio"/> GJ 4 <input type="radio"/> other (please specify) 1002	1003
<b>Natural gas</b>	1004	1005 1 <input type="radio"/> m <sup>3</sup> 2 <input type="radio"/> L 3 <input type="radio"/> ft <sup>3</sup> 4 <input type="radio"/> GJ 5 <input type="radio"/> other (please specify) 1006	1007
<b>Light fuel oil and other middle distillates such as kerosene, etc.</b>	1008	1009 1 <input type="radio"/> m <sup>3</sup> 2 <input type="radio"/> L 3 <input type="radio"/> ft <sup>3</sup> 4 <input type="radio"/> GJ 5 <input type="radio"/> other (please specify) 1010	1011
<b>Propane</b>	1012	1013 1 <input type="radio"/> m <sup>3</sup> 2 <input type="radio"/> L 3 <input type="radio"/> ft <sup>3</sup> 4 <input type="radio"/> GJ 5 <input type="radio"/> other (please specify) 1014	1015
<b>Diesel</b>	1016	1017 1 <input type="radio"/> m <sup>3</sup> 2 <input type="radio"/> L 3 <input type="radio"/> ft <sup>3</sup> 4 <input type="radio"/> GJ 5 <input type="radio"/> other (please specify) 1018	1019
<b>Heavy fuel oil</b> (a low-grade, tar-like fuel used in industrial boilers, blast furnaces, etc.)	1020	1021 1 <input type="radio"/> m <sup>3</sup> 2 <input type="radio"/> L 3 <input type="radio"/> ft <sup>3</sup> 4 <input type="radio"/> GJ 5 <input type="radio"/> other (please specify) 1022	1023
<b>Wood and wood by-products</b> (e.g. hog fuel, wastewood, bark, pellets, etc.)	1024	1025 1 <input type="radio"/> tonnes (metric) 2 <input type="radio"/> lbs (pounds) 3 <input type="radio"/> cords 4 <input type="radio"/> other (please specify) 1026	1027
<b>Steam purchased</b> (please exclude steam generated by this institution.) <b>Please specify steam supplier below</b> 1028	1029	1030 1 <input type="radio"/> kWh 2 <input type="radio"/> MWh 3 <input type="radio"/> GJ 4 <input type="radio"/> other (please specify) 1031	1032
<b>Other (please specify type)</b> Type: 1033	1034	Unit (please specify) 1035	1036

5. For the 2008 calendar year, please indicate the main source of energy used to heat the building space reported in question 1, as well as any alternate sources used.

Energy Source	Main Energy Source for Space Heating (Mark <i>one</i> only)	Alternate Energy Sources for Space Heating (Mark <i>all</i> that apply)
Electricity	1100 01 <input type="radio"/>	1102 1 <input type="radio"/>
Natural gas	02 <input type="radio"/>	1103 1 <input type="radio"/>
Light fuel oil and other middle distillates such as kerosene, etc.	03 <input type="radio"/>	1104 1 <input type="radio"/>
Propane	04 <input type="radio"/>	1105 1 <input type="radio"/>
Diesel	05 <input type="radio"/>	1106 1 <input type="radio"/>
Heavy fuel oil (a low-grade, tar-like fuel used in industrial boilers, blast furnaces, etc.)	06 <input type="radio"/>	1107 1 <input type="radio"/>
Wood and wood by-products (e.g. hog fuel, waste wood, bark, pellets, etc).	07 <input type="radio"/>	1108 1 <input type="radio"/>
Steam	08 <input type="radio"/>	1109 1 <input type="radio"/>
Other (please specify) 1101 <input type="text"/>	09 <input type="radio"/>	1110 1 <input type="radio"/>
Not applicable (no heating)	10 <input type="radio"/>	1111 1 <input type="radio"/>
Don't know	99 <input type="radio"/>	1112 9 <input type="radio"/>

6. For the 2008 calendar year, please indicate the main source of energy used for domestic water heating (i.e., water used for consumption, not for space heating).

Energy Source	Main Energy Source for Water Heating (Mark <i>one</i> only)
Electricity	1200 01 <input type="radio"/>
Natural gas	02 <input type="radio"/>
Light fuel oil and other middle distillates such as kerosene, etc.	03 <input type="radio"/>
Propane	04 <input type="radio"/>
Diesel	05 <input type="radio"/>
Heavy fuel oil (a low-grade, tar-like fuel used in industrial boilers, blast furnaces, etc.)	06 <input type="radio"/>
Wood and wood by-products (e.g. hog fuel, waste wood, bark, pellets, etc).	07 <input type="radio"/>
Steam	08 <input type="radio"/>
Renewable (e.g. solar)	09 <input type="radio"/>
Other (please specify) 1201 <input type="text"/>	10 <input type="radio"/>
Not applicable (no water heating)	11 <input type="radio"/>
Don't know	99 <input type="radio"/>

7. For the 2008 calendar year, what percentage of the total floor area reported in question 1 was air conditioned?

- Include central air conditioners and stand-alone units.
- If you don't know the exact percentage, please provide your best estimate.

1300  % of total floor area

8. For the 2008 calendar year, please indicate the main source of energy used for space cooling, as well as any alternate forms used.

Energy Source	Main Energy Source for Space Cooling (Mark <u>one</u> only)	Alternate Energy Source for Space Cooling (Mark <u>all</u> that apply)
Electricity	1400 01 <input type="radio"/>	1402 1 <input type="radio"/>
Natural gas	02 <input type="radio"/>	1403 1 <input type="radio"/>
Light fuel oil and other middle distillates such as kerosene, etc.	03 <input type="radio"/>	1404 1 <input type="radio"/>
Propane	04 <input type="radio"/>	1405 1 <input type="radio"/>
Diesel	05 <input type="radio"/>	1406 1 <input type="radio"/>
Heavy fuel oil (a low-grade, tar-like fuel used in industrial boilers, blast furnaces, etc.)	06 <input type="radio"/>	1407 1 <input type="radio"/>
Other (please specify) 1401 <input type="text"/>	07 <input type="radio"/>	1408 1 <input type="radio"/>
Not applicable (no space cooling)	08 <input type="radio"/>	1409 1 <input type="radio"/>
Don't know	99 <input type="radio"/>	1410 9 <input type="radio"/>

9. Does this business/institution/organization have a co-generation unit / system?

*Co-generation 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 co-generation units/systems include condensing steam turbines, combined cycle gas turbines, etc.*

- 1500 1  **Yes**
- 3  **No**
- 9  **Don't know**

Statistics Canada is requesting your permission to combine the information you provided on this questionnaire with the information previously provided by the respondent identified on the cover page of this questionnaire. The two sources of information will provide a complete picture of the business'/institution's/organization's energy consumption and will ensure that the survey results are representative of similar businesses, institutions or organizations with similar characteristics.

The data you provided will be added to information previously collected from the business/institution/organization. It will be kept strictly confidential and will only be used for statistical purposes. The statistics produced and released from the Commercial and Institutional Consumption of Energy Survey 2008 will not contain any information that could identify you or your business, institution or organization.

I authorize Statistics Canada to combine the energy consumption information provided on behalf of the business/institution/organization with the respondent data previously collected from the business, institution or organization on the Commercial and Institutional Consumption of Energy Survey 2008.

2016      1  **Yes**      3  **No**

2014

2015

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

**Please complete the following information**

Your First Name  Your Last Name

0013  0054

Your Title

0014

Area Code  Telephone Number  Extension

0017      0027

Area Code  Fax Number

0016

Email

0018

**Comments**

9913 to 9918, then 9920

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**THANK YOU FOR YOUR ASSISTANCE**

*Please return the questionnaire in the accompanying self addressed pre-paid envelope within 20 days of receipt.*