



Commercial and Institutional Consumption of Energy Survey, 2005

CONFIDENTIAL when completed

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:

Institution name	
0104	<input type="text"/>
Number and street	
0105	<input type="text"/>
City	
0106	<input type="text"/>
Province	Postal code
0107 <input type="text"/>	0108 <input type="text"/>

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 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, organization or institution without the previous written consent of that business or institution. The data reported on the questionnaire will be treated in strict confidence and used only for statistical purposes. 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 for the sharing of information from this survey. The department will not be given your name, address or identifying information. 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 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.

Please complete the following information

Name of Respondent	0100	<input type="text"/>
Title of Respondent	0101	<input type="text"/>
Telephone number	0102	(<input type="text"/>) - <input type="text"/>
		ext. 0103 <input type="text"/>

1. In December 2005, what was the total floor area that was used for productive activity (excluding indoor parking and mechanical areas) of all buildings within this complex or institution? Please indicate the unit of measure. If you don't know the exact area, please provide your best estimate.

0109

- 0110 1 Square feet
2 Square metres

2. In December 2005, what was the total number of students attending this institution?

0111

3. For each of the following types of equipment, please indicate the number of pieces that were in use by this institution in December 2005. If you don't know the exact number, please provide your best estimate.

Equipment	Number of pieces of equipment
Computers (including other electronic devices with a micro-processor (e.g., cash registers) but <u>excluding</u> hand-held computers)	0112
Printers, photocopiers and/or fax machines	0113
Stoves	0114
Microwave ovens	0115
Refrigerators	0116
Freezers (including stand alone freezers/deep freezers but <u>excluding</u> the freezer portion of a refrigerator)	0117
Vending machines	0118
Automated Teller Machine (ATMs or Bank Machines)	0119
TOTAL	0120

4. In 2005, who paid the energy bills for the energy consumed by this institution?

- 0121 1 This institution paid the energy provider(s) directly for all energy bills. → **Go to question 5**
- 2 This institution paid for some bills directly and the landlord or property manager paid for some.
- 3 The landlord or property manager paid the energy provider(s) directly for all energy consumption.
- 4 Other arrangement (*please specify*)
- 0122

→ **Please go to the release form on the last page of this questionnaire (page 6) and supply contact information for your landlord, property manager, or other contact able to provide information about this institution's energy consumption**

5. In which year was construction completed for the major or largest portion of this institution?

If the exact year is unknown, please provide your best estimate.
If choosing a range of years, please mark one only.

0123

OR

Ranges

- | | | |
|---|--------------------------------------|--|
| 0124 01 <input type="radio"/> Before 1920 | 05 <input type="radio"/> 1970 - 1974 | 09 <input type="radio"/> 1990 - 1994 |
| 02 <input type="radio"/> 1920 - 1959 | 06 <input type="radio"/> 1975 - 1979 | 10 <input type="radio"/> 1995 - 1999 |
| 03 <input type="radio"/> 1960 - 1964 | 07 <input type="radio"/> 1980 - 1984 | 11 <input type="radio"/> 2000 or later |
| 04 <input type="radio"/> 1965 - 1969 | 08 <input type="radio"/> 1985 - 1989 | 99 <input type="radio"/> Don't know |

6. For the 2005 calendar year, please indicate the total quantity and the unit of measure for each form of energy consumed by this institution. Please indicate only the energy forms consumed at the building level or physical location of the institution. Do not include fuel or energy used for transportation. If you don't know the exact number, please give your best estimate.

Energy Form	Quantity Consumed	Energy Unit of Measure (please check one)
Electricity purchased [Please exclude electricity generated by your institution.]	0125	0126 1 <input type="radio"/> KWh 3 <input type="radio"/> GJ 4 <input type="radio"/> other (please specify) 2 <input type="radio"/> MWh 0127
Natural gas	0128	0129 1 <input type="radio"/> m ³ 3 <input type="radio"/> ft ³ 5 <input type="radio"/> other (please specify) 2 <input type="radio"/> L 4 <input type="radio"/> GJ 130
Propane	0131	0132 1 <input type="radio"/> m ³ 3 <input type="radio"/> ft ³ 5 <input type="radio"/> other (please specify) 2 <input type="radio"/> L 4 <input type="radio"/> GJ 133
Diesel	0134	0135 1 <input type="radio"/> m ³ 3 <input type="radio"/> ft ³ 5 <input type="radio"/> other (please specify) 2 <input type="radio"/> L 4 <input type="radio"/> GJ 136
Heavy fuel oil	0137	0138 1 <input type="radio"/> m ³ 3 <input type="radio"/> ft ³ 5 <input type="radio"/> other (please specify) 2 <input type="radio"/> L 4 <input type="radio"/> GJ 139
Other middle distillates – light fuel oil, kerosene, etc.	0140	0141 1 <input type="radio"/> m ³ 3 <input type="radio"/> ft ³ 5 <input type="radio"/> other (please specify) 2 <input type="radio"/> L 4 <input type="radio"/> GJ 142
Wood and wood by-products (E.g. hog fuel, wastewood, bark, pellets, etc.)	0143	0144 1 <input type="radio"/> tonnes (metric) 4 <input type="radio"/> other (please specify) 2 <input type="radio"/> lbs (pounds) 145 3 <input type="radio"/> cords
Steam purchased [Please exclude steam generated by your institution.] Please specify steam supplier below 0146	0147	0148 1 <input type="radio"/> KWh 3 <input type="radio"/> GJ 4 <input type="radio"/> other (please specify) 2 <input type="radio"/> MWh 0149
Other, please specify type 0150	0151	Please specify unit of measure 0152

7. For the 2005 calendar year, please indicate the main energy form used for space heating, as well as any alternate forms used.

Energy Form	Main Energy Form for Space Heating (Mark <u>one</u> only)	Alternate Energy Forms for Space Heating (Mark <u>all</u> that apply)
Electricity	0153 01 <input type="radio"/>	0154 01 <input type="radio"/>
Natural gas	02 <input type="radio"/>	02 <input type="radio"/>
Propane	03 <input type="radio"/>	03 <input type="radio"/>
Diesel	04 <input type="radio"/>	04 <input type="radio"/>
Heavy fuel oil	05 <input type="radio"/>	05 <input type="radio"/>
Other middle distillates – light fuel oil, kerosene, etc.	06 <input type="radio"/>	06 <input type="radio"/>
Wood and wood by-products (e.g. hog fuel, wastewood, bark, pellets, etc.)	07 <input type="radio"/>	07 <input type="radio"/>
Steam	08 <input type="radio"/>	08 <input type="radio"/>
Other (please specify) 0163	09 <input type="radio"/>	09 <input type="radio"/>
Not applicable	10 <input type="radio"/>	10 <input type="radio"/>

8. For the 2005 calendar year, please indicate the main energy form used for space cooling, as well as any alternate forms used.

Energy Form	Main Energy Form for Space Cooling (Mark <u>one</u> only)	Alternate Energy Forms for Space Cooling (Mark <u>all</u> that apply)
Electricity	0165 1 <input type="radio"/>	0166 1 <input type="radio"/>
Natural gas	2 <input type="radio"/>	2 <input type="radio"/>
Propane	3 <input type="radio"/>	3 <input type="radio"/>
Diesel	4 <input type="radio"/>	4 <input type="radio"/>
Heavy fuel oil	5 <input type="radio"/>	5 <input type="radio"/>
Other middle distillates – light fuel oil, kerosene, etc.	6 <input type="radio"/>	6 <input type="radio"/>
Other (please specify) 0173 <input type="text"/>	7 <input type="radio"/>	7 <input type="radio"/>
Not applicable	8 <input type="radio"/>	8 <input type="radio"/>

9. For the 2005 calendar year, please indicate the main energy form used for water heating.

Energy Form	Main Energy Form for Water Heating (Mark <u>one</u> only)
Electricity	0175 01 <input type="radio"/>
Natural gas	02 <input type="radio"/>
Propane	03 <input type="radio"/>
Diesel	04 <input type="radio"/>
Heavy fuel oil	05 <input type="radio"/>
Other middle distillates – light fuel oil, kerosene, etc.	06 <input type="radio"/>
Wood and wood by-products (e.g. hog fuel, sawwood, bark, pellets, etc).	07 <input type="radio"/>
Steam	08 <input type="radio"/>
Other (please specify) 0176 <input type="text"/>	09 <input type="radio"/>
Not applicable	10 <input type="radio"/>

10. For the 2005 calendar year, please indicate the total dollar amount spent on energy consumed by this institution (for space heating, space cooling, operating appliances, etc.).
If the exact figure is not known, please provide your best estimate.

0177 \$.00

Electricity and Useful Thermal Energy (e.g. Steam) Generation

- Electricity generation includes the production of electricity, at your building or complex, by use of a generator, solar panels, fuel cells, wind turbines, etc.
- Useful Thermal Energy can include high pressure steam (greater than 30 psi), low pressure steam (less than 30 psi), high temperature water (greater than 80°C), and low temperature water (less than 80°C). Useful thermal energy can be used for heating or cooling.

11. Did this institution generate electricity or useful thermal energy (e.g. steam) in 2005?

- 0178 1 Yes → please complete the box below ↗
- 3 No

Please provide the name and contact information of the person most knowledgeable about the generation of electricity or useful thermal energy at this institution.

Name ⁰¹⁷⁹

Title ⁰¹⁸⁰

Phone Number ⁰¹⁸¹ () - ext. ⁰¹⁸²

Fax Number ⁰¹⁸³ () -

Note: If you completed questions 5 to 11 you do not need to complete the Third Party Energy Consumption Data Collection Release Form at the end (page 6) of the questionnaire.

Comments

THANK YOU FOR YOUR ASSISTANCE
Please return the questionnaire in the accompanying self addressed pre-paid envelope within 20 days of receipt.

Third Party Energy Consumption Data Collection Release Form

Although your institution is not able to provide information on all of the types and quantities of energy it consumed in 2005, obtaining this information is important in order to have an accurate picture of the energy consumption of Canadian institutions, businesses and organizations. Therefore, Statistics Canada is requesting your authorization to contact the company or person named below (this may be a landlord, property manager or other knowledgeable contact), and obtain from them the information about your institution's energy consumption.

By completing this form you authorize Statistics Canada to contact the company or person named below and you also authorize that company or person to provide Statistics Canada with the information requested in questions 1 and 5 through 11 of this survey.

Company Name of Landlord, Property Manager or Other Knowledgeable Contact

0194

Contact Name

0195

Address of Company (or person above)

0196

City

0197

Province

0198

Postal Code

0199

Area Code

0200

Telephone Number

Extension

0201

This consent form covers the energy consumption related to:

Name of Institution

0202

Contact Name

0203

Statistics Canada is also requesting your permission to combine the information from this questionnaire with the information provided by the contact you identified above. The two sources of information will provide a complete picture of your institution's energy consumption and will ensure that the survey results are representative of similar institutions with similar characteristics.

The data provided by your contact will be added to the information you provided on your institution. 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 2005 will not contain any information that could identify you or your institution.

I authorize Statistics Canada to combine the information about this institution's energy consumption with the information provided on the Commercial and Institutional Consumption of Energy Survey 2005.

0204 1 **Yes** 3 **No**

Signature

Date

THANK YOU FOR YOUR ASSISTANCE
Please return the questionnaire in the accompanying self addressed pre-paid envelope within 20 days of receipt.