

2022 Annual Industrial Consumption of Energy Survey

CONFIDENTIAL once completed.

Selon nos dossiers votre langue de préférence est l'anglais, si vous préférez recevoir ce document en français, veuillez nous appeler au numéro sans frais suivant : 1-800-858-7921 ou ATS 1-800-363-7629

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.

Introduction

Survey purpose

This survey is conducted by Statistics Canada in order to collect the necessary information to support the Integrated Business Statistics Program (IBSP). This program combines various survey and administrative data to develop comprehensive measures of the Canadian economy.

The statistical information from the IBSP serves many purposes, including:

- obtaining information on the supply of and/or demand for energy in Canada
- enabling governmental agencies to fulfill their regulatory responsibilities in regards to public utilities
- enabling all levels of government to establish informed policies in the energy area
- assisting the business community in the corporate decision-making process.

Your information may also be used by Statistics Canada for other statistical and research purposes.

Security of emails and faxes

Statistics Canada advises you that there could be a risk of disclosure during facsimile or email. However upon receipt,

Statistics Canada will provide the guaranteed level of protection afforded all information collected under the authority of the *Statistics Act*.

Note: Our online questionnaires are secure, there is no risk of data interception when responding to Statistics Canada online surveys.

Confidentiality

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

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 confidentiality, data-sharing agreements and record linkages can be found on the last page of this questionnaire.

Please return the questionnaire within 21 days.

Please mail the completed questionnaire in the enclosed envelope or fax it to Statistics Canada at 1-888-883-7999.

If you are unable to complete within 21 days **OR** if you need help, call us at **1-800-858-7921** or **TTY 1-800-363-7629**.

Statistics Canada
Operations and Integration Division
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Ottawa, Ontario K1A 0T6

Visit our website, www.statcan.gc.ca

Reporting instructions

- Please print in ink.
- Please report for calendar year.
- Do not report in decimals. Round all values to the nearest whole number.
- When precise figures are not available, provide your best estimates.
- Consult the reporting guide at www.statcan.gc.ca/guides-e for further information.

Business or organization and contact information

1. **Verify or provide** the business or organization's **legal and operating name** and correct where needed.

Note: Legal name modifications should only be done to correct a spelling error or typo.

Legal name

Operating name (if applicable)

2. **Verify or provide the contact information** of the designated business or organization **contact person** for this questionnaire and correct where needed.

Note: The designated contact person is the person who should receive this questionnaire. The designated contact person may not always be the one who actually completes the questionnaire.

First name

Last name

Title

Preferred language of communication

English

French

Mailing address (number and street)

City

Province, territory or state

Postal code or ZIP code

Example: A9A 9A9 or 12345 1234

Country

Email address

Example: user@example.com

Telephone number (including area code)

Example: 123-123-1234

Extension number
(if applicable)

Fax number (including area code)

Example: 123-123-1234

3. **Verify or provide the current operational status** of the business or organization identified by the legal and operating name above.

B00323

1 Operational → **Go to question 4**

2 Not currently operational

e.g., temporarily or permanently closed, change of ownership

Why is this business or organization not currently operational?

B00309

2 Seasonal operations → **Go to question 3a**

3 Ceased operations → **Go to question 3b**

4 Sold operations → **Go to question 3c**

5 Amalgamated with other businesses or organizations → **Go to question 3d**

6 Temporarily inactive but will re-open → **Go to question 3e**

7 No longer operating due to other reasons → **Go to question 3f**

3a. Seasonal operations

When did this business or organization close for the season?

Date B00217

YYYY	MM	DD

When does this business or organization expect to resume operations?

Date B00218

YYYY	MM	DD

 → **Go to question 4**

3b. Ceased operations

When did this business or organization cease operations?

Date B00219

YYYY	MM	DD

Why did this business or organization cease operations?

B00311

1 Bankruptcy

2 Liquidation

3 Dissolution

4 Other
Specify the other reasons why the operations ceased

B00312

→ **Go to question 4**

3c. Sold operations

When was this business or organization sold?

YYYY MM DD
B00212
Date

What is the legal name of the buyer?

B00406

→ Go to question 4

3d. Amalgamated with other businesses or organizations

When did this business or organization amalgamate?

YYYY MM DD
B00213
Date

What is the legal name of the resulting or continuing business or organization?

B00407

What are the legal names of the other amalgamated businesses or organizations?

B00408

→ Go to question 4

3e. Temporarily inactive but will re-open

When did this business or organization become temporarily inactive?

YYYY MM DD
B00214
Date

When does this business or organization expect to resume operations?

YYYY MM DD
B00215
Date

Why is this business or organization temporarily inactive?

B00313

→ Go to question 4

3f. No longer operating due to other reasons

When did this business or organization cease operations?

YYYY MM DD
B00216
Date

Why did this business or organization cease operations?

B00314



4. **Verify or provide the current main activity** of the business or organization identified by the legal and operating name.

Note: The described activity was assigned using the North American Industry Classification System (NAICS).

B05002

1 This is the current main activity → **Go to next section**

2 This **is not** the current main activity
Provide a **brief but precise description** of this business or organization's **main activity**
e.g., breakfast cereal manufacturing, shoe store, software development

B05003



5. Was this business or organization's main activity ever classified as:

B05111

1 Yes

2 No → **Go to next section**

6. When did the main activity change?

Date B00219

YYYY				MM		DD	

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Unit of measure

Instructions: The following is a list of possible units of measure. For each energy form, select the unit of measure which you are reporting in and enter the corresponding abbreviation provided (**see below in brackets**), in the column titled Unit of Measure.

100 cubic feet (Ccf)
33-pound cylinder
Barrel (Bbl)
Cubic foot (ft³)
Cubic metre (m³)
Imperial gallon (imp. gal.)
U.S. gallon (U.S. gal)
Gigajoule (GJ)
Kilogram (kg)
Kilowatt-hour (kWh)
Litre (L)
Long ton (LT)
Megawatt-hour (MWh)
Metric tonne (MT)
Million Btu (MMBtu)
Pound (lb)
Short ton (St)
Thousands of cubic meters (000m³)

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Electricity generation

1. Did this business **generate** electricity?

B05044

Yes

No → Go to question 3

2. How much **electricity** did this business **generate**?

Note: Report the total quantity of electricity generated; regardless of whether it was consumed by this business or sold to others.

E42006

Quantity

B40085

Unit of measure

1 MWh 2 kWh 3 GJ 4 MMBtu

Type of energy consumed

3. Which type of energy was consumed by this business?

Type of energy commodity <small>Please report only the consumed portion</small>	Unit of measure	Amount consumed			
		*as fuel for the production process	to produce steam for sale to another business	to produce electricity	to non-energy use
Electricity	B40039	E61322			
self-generated					
	B40041	E61323			
purchased					
	B40043	E61002	E61003	E61004	E61005
Natural gas					
	B40043	E61007	E61008	E61009	E61011
Propane					
	B40044	E61013	E61014	E61015	E61016
Middle distillates					
diesel (on-site only)	B40045	E61018	E61019	E61021	
light fuel oil					
	B40045	E61023	E61024	E61025	
kerosene and other middle distillates					
Heavy fuel oil					
imported	B40047	E61027	E61028	E61029	E61031
	B40048	E61032	E61034	E61035	E61036
canadian (domestic)					
	B40049	E61037	E61039	E61041	
Wood and wood waste					
	B40051	E61043	E61044	E61045	
Spent pulping liquor					
Refuse — please specify:					
B40034_p9	B40052	E61047	E61048	E61049	E61051
Steam					
self generated	B40053	E61053		E61054	E61055
purchased	B40054	E61057		E61058	E61059

Amount consumed e.g.,:

* as fuel for the production process — heating, on-site transportation, to produce steam for own use, etc.

** for non-energy use — natural gas consumed as feed to produce direct reduced iron (DRI)
 — propane consumed as feed to produce other products
 — diesel consumed as feed to produce other products
 — heavy fuel oil used as feed to produce other products
 — refuse used as feed to produce other products
 — steam used as feed to produce other products.

Coal and coal by-products consumed

Did this business consume any **coal, coal coke, and coal by-products** in this production process?

No → Go to next page **Yes** → Please report all that apply in the table below.

4. Which type of **energy** was consumed by this business?

Type of energy commodity <small>Please report only the consumed portion</small>	Unit of measure	Amount consumed			
		* as fuel for the production process	to produce steam for sale to another business	to produce electricity	** for non-energy use
Imported coal	B40055	E61063	E61064	E61065	E61066
bituminous					
	B40056	E61068	E61069	E61070	E61071
sub-bituminous					
	B40057	E61074	E61075	E61076	E61077
anthracite					
Canadian coal	B40059	E61085	E61086	E61087	E61088
bituminous					
	B40061	E61091	E61092	E61093	E61094
sub-bituminous					
	B40062	E61095	E61097	E61098	E61099
lignite					
Coal coke	B40063	E61102	E61103	E61104	E61105
imported					
	B40064	E61107	E61108	E61109	E61111
canadian (domestic)					
Coal by-products	B40065	E61113	E61114	E61115	E61116
coal tar					
	B40066	E61118	E61119	E61121	E61122
light coal oil					
	B40067	E61124	E61125	E61126	E61127
coke oven gas					

Amount consumed e.g.:

- * as fuel for the production process — heating, on-site transportation, etc.
- ** for non-energy use — bituminous coal consumed as feed to produce other products
 - sub-bituminous coal consumed as feed to produce other products
 - anthracite consumed as feed to produce other products
 - lignite consumed as feed to produce other products
 - coal coke consumed as feed to produce other products
 - coal tar consumed as feed to produce other products
 - light coal oil consumed as feed to produce other products
 - coke oven gas consumed as feed to produce other products.

Other energy commodities

Did this business consume any petroleum coke, refinery fuel gas, coke on catalyst, bitumen emulsion (orimulsion), ethane, butane, naphtha, by-product gas, flared gas or any other type of energy commodity?

No → Go to next page

Yes

5. Which type of other **energy commodity** was consumed by this business?

Type of energy commodity <small>Please report only the consumed portion</small>	Unit of measure	Amount consumed			
		* as fuel for the production process	to produce steam for sale to another business	to produce electricity	** for non-energy use
Petroleum coke					
imported	B40068	E61129	E61131	E61132	E61133
canadian (domestic)	B40069	E61135	E61136	E61137	E61138
Refinery fuel gas	B40071	E61141	E61142	E61143	
Coke on catalyst	B40072	E61145	E61146	E61147	E61148
Bitumen emulsion (orimulsion)	B40073	E61151	E61152	E61153	E61154
Ethane	B40074	E61156			E61157
Butane	B40075	E61159			E61161
Naphtha	B40076	E61160			E61162
By-product gas	B40077	E61163			
Flared gas	B40078				E61164
Other type of energy commodity — please specify:					
B40038_p11	B40079	E61166	E61167	E61168	E61169

Amount consumed e.g.:

* as fuel for the production process — heating, on-site transportation, etc.

- ** for non-energy use —
- petroleum coke consumed as feed to produce other products
 - coke on catalyst consumed as feed to produce other products
 - bitumen emulsion (orimulsion) consumed as feed to produce other products
 - ethane consumed as feed to produce other products
 - butane consumed as feed to produce other products.



Steam Sales

Did this business produce steam to sell or transfer to others?

B05036_m3

- No** → Thank you for your cooperation
 Yes → Please report, in gigajoules, the amount sold to external clients at question 6. ↓

6. Which type of clients did this business sell **steam** to?
(Mark all that apply)

	Gigajoules
B71001_y1 <input type="checkbox"/> residential (including apartment buildings)	E65001
B71001_y2 <input type="checkbox"/> agriculture	E65002
B71001_y3 <input type="checkbox"/> paper manufacturing	E65003
B71001_y4 <input type="checkbox"/> chemical manufacturing	E65004
B71001_y5 <input type="checkbox"/> all other manufacturing	E65005
B71001_y6 <input type="checkbox"/> public administration	E65006
B71001_y7 <input type="checkbox"/> commercial and other institutions	E65007
Total	

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Changes or events

7. Indicate any changes or events that affected the reported changes in your energy consumption for this business or organization compared with the last reporting period.

Mark all that apply.

B00315_r1

Fuel switch

→ Specify the fuel switch

B00315_r2

B00315_r3

Fuel price changes

→ Specify the fuel price changes

B00315_r4

B00315_r5

Technology changes

→ Specify the technology changes

B00315_r6

B00315_r7

Process changes

→ Specify the process changes

B00315_r8

B00315_r9

Awareness of energy efficiency

→ Specify the awareness of energy efficiency

B00315_r10

B00315_r11

New contract or loss of contract

→ Specify the new contract or loss of contract

B00315_r12

B00315_r15

Plant expansion or contraction

→ Specify the plant expansion or contraction

B00315_r13

B00315_r17

Change in product line

→ Specify the change in product line

B00315_r18

B00315_r19

Other — specify the other changes or events:

B00315_r20

OR

B00315_r21

No changes or events

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General information

Confidentiality

Your answers are confidential.

By law, Statistics Canada is prohibited 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 purposes only.

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, Québec, Ontario, Manitoba, Saskatchewan, Alberta, British Columbia and the Yukon. The shared data will be limited to information pertaining to business establishments located within the jurisdiction of the respective province or territory.

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 the Newfoundland and Labrador Department of Natural Resources, the New Brunswick Department of Environment and Local Government, the Québec Forest Industry Council, the ministère des Finances du Québec, the ministère de l'Environnement et de la Lutte contre les changements climatiques du Québec, the ministère de l'Énergie et des Ressources naturelles du Québec, Transition énergétique Québec, the Manitoba Department of Growth, Enterprise and Trade, Alberta Energy, the British Columbia Ministry of Energy, Mines and Low Carbon Innovation, the Canada Energy Regulator, Natural Resources Canada and Environment and Climate Change Canada.

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.

Record linkages

To enhance the data from this survey and to reduce the reporting burden, Statistics Canada may combine the acquired data with information from other surveys or from administrative sources.

Thank you for completing this questionnaire.

Please retain a copy for your records.

Visit our website, www.statcan.gc.ca