

2025 Annual Survey of Research and Development in Canadian Industry

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 :
1-877-949-9492 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 collects information on scientific activities of Canadian businesses. The research and development expenditures and personnel information is used by federal, provincial and territorial governments and agencies, academics, trade associations and international organizations for statistical analyses and policy purposes. These data also contribute to national totals of research and development activities. The payments and receipts information is used by these agencies to monitor knowledge flows across international borders and between Canadian businesses.

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 30 days.

**Please return 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 30 days **OR** if you need help,
call us at **1-877-949-9492** or **TTY 1-800-363-7629**.

Statistics Canada
Operations and Integration Division
150 Tunney's Pasture Driveway
Ottawa, Ontario K1A 0T6

Visit our website, www.statcan.gc.ca

Reporting instructions

- Please print in ink.
- Report dollar amounts in **thousands of Canadian dollars**.
- **Exclude** sales tax.
- Percentages should be rounded to whole numbers.
- Do not report dollars in decimals. Round all values to the nearest whole number.
- When precise figures are not available, provide your best estimates.
- If this business **performs in-house R&D** and **outsources R&D**, complete **all** questions.
- If this business **performs in-house R&D** and **does not outsource R&D**, complete questions 1-5, 8-21.
- If this business **outsources R&D** and **does not perform in-house R&D**, complete questions 1-3, 5-7, 12 & 16-21.
- If this business **does not perform in-house R&D** and **does not outsource R&D**, complete questions 1-3, 5, 12, 16, 17 & 19-21.
- 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 information if 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** for the designated **contact person** for the business or organization, and correct information if 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 123-456789

Country

Email address

Example: user@example.gov.ca

Telephone number (including area code)

Example: 123-123-1234

Extension number
(if applicable)

Fax number (including area code)

Example: 123-123-1234

DO NOT USE THIS INFORMATION COPY TO REPORT

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 expected to reopen → **Go to question 3e**

7 ☐ No longer operating because of 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
B00211
YYYY MM DD

Why did this business or organization cease operations?

B00311

1 ☐ Bankruptcy

2 ☐ Liquidation

Dissolution

Other

Specify the other reasons why 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 expected to reopen

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 because of 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?

YYYY

MM

DD

B00219

Date

--	--	--	--	--	--	--	--	--	--

INFORMATION COPY TO REPORT
DO NOT USE

Business characteristics

Reporting period

1. What is the end date of this business's fiscal year?

B00206

YYYY	MM	DD

Note: For this survey, **this business's** fiscal year end date should fall **on or before March 31, 2026**.

Here are **some examples** of fiscal periods that **fall within the targeted dates**:

May 1, 2024 to **April 30, 2025**

July 1, 2024 to **June 30, 2025**

October 1, 2024 to **September 30, 2025**

January 1, 2025 to **December 31, 2025**

February 1, 2025 to **January 31, 2026**

April 1, 2025 to **March 31, 2026**

*THIS FISCAL YEAR WILL BE REFERRED TO AS **2025** THROUGHOUT THE QUESTIONNAIRE*

Business status

2. What is this business's **GST** number (9-digit business number)?

B00419

----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------

Before you begin

Differences between Scientific Research and Experimental Development (SR&ED) tax incentive program and this survey

Include the following expenditures in this survey:

- capital **R&D** expenditures
- **R&D** expenditure in the social sciences and humanities
- payments for **R&D** performed by other organizations outside Canada.

For this survey

'In-house R&D' refers to

Expenditures **within Canada** for **R&D** performed **within this business** by:

- employees (permanent, temporary or casual)
- self-employed individuals or contractors who are **working on-site** on this business's **R&D** projects.

'Outsourced R&D' refers to

Payments made **within or outside Canada** to other businesses, organizations or individuals to fund **R&D** performance:

- grants
- fellowships
- contracts.

In-house research and development (R&D) expenditures

3. In 2025, 2026 and 2027, did this business have or does it plan to have expenditures for **R&D performed in-house** within Canada?

Exclude payments for outsourced (contracted out or granted) **R&D**, which should be reported in question 6.

¹ ☐ Yes

² ☐ No → Go to question 5

4. In 2025, 2026 and 2027, what are this business's actual and planned expenditures for **R&D performed in-house** within Canada?

Please report all amounts in **thousands** of Canadian dollars.

Report '0' for no R&D expenditures.

	Made in 2025	Planned in 2026	Planned in 2027
	CAN\$ '000	CAN\$ '000	CAN\$ '000
Current in-house R&D expenditures within Canada			
a. Wages, salaries of permanent, temporary and casual R&D employees Include fringe benefits	E45077_sr1 \$,000		
b. Services to support R&D Include services of self-employed individuals or contractors who are working on-site on this business's R&D projects. Exclude contracted out or granted expenditures to other organizations to perform R&D (report in question 6)	E45077_sr2 \$,000		
c. R&D materials	E45077_sr3 \$,000		
d. All other current R&D costs Include overhead costs	E45077_sr4 \$,000		
Total current in-house R&D expenditures within Canada	E45080 \$,000	E45079 \$,000	E45082 \$,000
Capital in-house R&D expenditures within Canada			
e. Software Exclude capital depreciation	E45078_sr1 \$,000		
f. Land Exclude capital depreciation	E45078_sr2 \$,000		
g. Buildings and structures Exclude capital depreciation	E45078_sr3 \$,000		
h. Equipment, machinery and all other capital Exclude capital depreciation	E45078_sr4 \$,000		
2025 - Total capital in-house R&D expenditures within Canada	E45060 \$,000	E45081 \$,000	E45083 \$,000
2025 - Total in-house R&D expenditures within Canada	E45070 \$,000		

Outsourced (contracted out or granted) R&D expenditures

5. In 2025, did this business have **outsourced** (contracted out or granted) **R&D expenditures** within Canada or outside Canada?

Include:

- funding or grants provided to other organizations to perform **R&D**.

- contracted out expenditures for **R&D**

Exclude services of self-employed individuals or contractors who are working on-site on this business's **R&D** projects, which should have been reported earlier as part of in-house **R&D** expenditures in question 4.

B05152_tp 1

☐ Yes

2

☐ No → Go to question 7

6. In 2025, what were this business's **outsourced** (contracted out or granted) **R&D expenditures** within Canada or outside Canada?

Please report all amounts in **thousands** of Canadian dollars.

Report '0' for no R&D expenditures.

	Within Canada	Outside Canada
	CAN\$ '000	CAN\$ '000
a. Parent, affiliated and subsidiary companies	\$,000	\$,000
b. Other companies	\$,000	\$,000
c. Private non-profit organizations	\$,000	\$,000
d. Industrial research institutes or associations	\$,000	\$,000
e. Hospitals	\$,000	\$,000
f. Universities	\$,000	\$,000
g. Federal government departments and agencies	\$,000	
h. Provincial or territorial government departments, ministries and agencies	\$,000	
i. Provincial or territorial research organizations	\$,000	
j. Other organizations, e.g., individuals, non-university education institutions, foreign government	\$,000	\$,000
2025 - Total outsourced (contracted out or granted) R&D expenditures	\$,000	\$,000

7. In 2026 and 2027, what are this business's **planned outsourced** (contracted out or granted) **R&D expenditures** within Canada or outside Canada?

Please report all amounts in **thousands** of Canadian dollars.

Report '0' for no R&D expenditures.

	Within Canada	Outside Canada
	CAN\$ '000	CAN\$ '000
2026 - Total outsourced (contracted out or granted) R&D expenditures	\$,000	\$,000
2027 - Total outsourced (contracted out or granted) R&D expenditures	\$,000	\$,000

Geographic distribution of in-house R&D expenditures within Canada in 2025

8. In 2025, how were this business's total expenditures for R&D performed in-house distributed by province or territory?

Exclude:

- payments for outsourced (contracted out or granted) R&D, which should be reported in question 6
- capital depreciation.

Please report all amounts in **thousands** of Canadian dollars.

	Current in-house R&D expenditures	Capital in-house R&D expenditures
	CAN\$ '000	CAN\$ '000
a. Newfoundland and Labrador	E45077_g1 \$,000	E45078_g1 \$,000
b. Prince Edward Island	E45077_g2 \$,000	E45078_g2 \$,000
c. Nova Scotia	E45077_g3 \$,000	E45078_g3 \$,000
d. New Brunswick	E45077_g4 \$,000	E45078_g4 \$,000
e. Quebec	E45077_g5 \$,000	E45078_g5 \$,000
f. Ontario	E45077_g6 \$,000	E45078_g6 \$,000
g. Manitoba	E45077_g7 \$,000	E45078_g7 \$,000
h. Saskatchewan	E45077_g8 \$,000	E45078_g8 \$,000
i. Alberta	E45077_g9 \$,000	E45078_g9 \$,000
j. British Columbia	E45077_g10 \$,000	E45078_g10 \$,000
k. Yukon	E45077_g11 \$,000	E45078_g11 \$,000
l. Northwest Territories	E45077_g12 \$,000	E45078_g12 \$,000
m. Nunavut	E45077_g13 \$,000	E45078_g13 \$,000
2025 - Total current and capital in-house R&D expenditures	E45100 \$,000	E45110 \$,000

▲
Should equal
total current
in-house R&D
expenditures
from question 4

▲
Should equal
total capital
in-house R&D
expenditures
from question 4

Sources of funds for in-house R&D expenditures in 2025

9. In 2025, what were the **sources of funds** for this business's total expenditures for R&D performed in-house?

Include Canadian and foreign sources.

Exclude:

- payments for outsourced (contracted out or granted) **R&D**, which should be reported in question 6
- capital depreciation.

Please report all amounts in **thousands** of Canadian dollars.

Report '0' for no R&D expenditures.

	From within Canada CAN\$ '000	From outside Canada CAN\$ '000
a. Funds from this business Include interest payments, other income and funding or tax credits from tax incentives (e.g., SR&ED program)	E64047 \$ [] ,000	E63037 \$ [] ,000
b. Funds from parent, affiliated and subsidiary companies	E65047 \$ [] ,000	E63044 \$ [] ,000
c. Federal government grants or funding Include R&D grants or funding or R&D portion only of other grants or funding. Do not include funds or tax credits from SR&ED tax incentives	E64048 \$ [] ,000	E63044 \$ [] ,000
d. Federal government contracts Include R&D contracts or R&D portion only of other contracts	E65048 \$ [] ,000	E63044 \$ [] ,000

R&D contract work for other companies

Business 1

e. **GST** number (9-digit business number (BN) or charitable registration number)

B71014_nc1

Legal name

B71014_nc2

From within Canada

CAN\$ '000

From outside Canada

CAN\$ '000

E65048_nc1

\$ [] ,000

E63038_nc1

\$ [] ,000

Business 2

f. **GST** number (9-digit business number (BN) or charitable registration number)

B71014_nc3

Legal name

B71014_nc4

E65048_nc2

\$ [] ,000

E63038_nc2

\$ [] ,000

Business 3

g. **GST** number (9-digit business number (BN) or charitable registration number)

B71014_nc5

Legal name

B71014_nc6

E65048_nc3

\$ [] ,000

E63038_nc3

\$ [] ,000

Business 4

h. **GST** number (9-digit business number (BN) or charitable registration number)

B71014_nc7

Legal name

B71014_nc8

E65048_nc4

\$ [] ,000

E63038_nc4

\$ [] ,000

i. Other contracts not listed above

E65048_nc5

\$ [] ,000

E63038_nc5

\$ [] ,000

Geographic distribution of provincial or territorial government grants or funding and provincial or territorial government contracts

Include R&D grants/contracts or R&D portion only of other grants/contracts.

Provincial or territorial
government grants
or funding

Provincial or territorial
government contracts

CAN\$ '000

CAN\$ '000

j. Newfoundland and Labrador	E64049_g1 \$,000	E65051_g1 \$,000
k. Prince Edward Island	E64049_g2 \$,000	E65051_g2 \$,000
l. Nova Scotia	E64049_g3 \$,000	E65051_g3 \$,000
m. New Brunswick	E64049_g4 \$,000	E65051_g4 \$,000
n. Quebec	E64049_g5 \$,000	E65051_g5 \$,000
o. Ontario	E64049_g6 \$,000	E65051_g6 \$,000
p. Manitoba	E64049_g7 \$,000	E65051_g7 \$,000
q. Saskatchewan	E64049_g8 \$,000	E65051_g8 \$,000
r. Alberta	E64049_g9 \$,000	E65051_g9 \$,000
s. British Columbia	E64049_g10 \$,000	E65051_g10 \$,000
t. Yukon	E64049_g11 \$,000	E65051_g11 \$,000
u. Northwest Territories	E64049_g12 \$,000	E65051_g12 \$,000
v. Nunavut	E64049_g13 \$,000	E65051_g13 \$,000

DO NOT USE TO REPORT INFORMATION

R&D contract work for private non-profit organizations

From within Canada

From outside Canada

CAN\$ '000

CAN\$ '000

Organization 1

- w. **GST** number (9-digit business number (BN) or charitable registration number)

B71013_nc1

E65052_nc1

E63039_nc1

\$,000 \$,000

Organization name

B71013_nc2

Organization 2

- x. **GST** number (9-digit business number (BN) or charitable registration number)

B71013_nc3

E65052_nc2

E63039_nc2

\$,000 \$,000

Organization name

B71013_nc4

Organization 3

- y. **GST** number (9-digit business number (BN) or charitable registration number)

B71013_nc5

E65052_nc3

E63039_nc3

\$,000 \$,000

Organization name

B71013_nc6

- z. Other sources
e.g., universities, foreign governments, individuals

E64051

E63041

\$,000 \$,000

2025 - Total in-house R&D expenditures by source of funds by origin (sum of questions w. to z.)

E60310

E60320

\$,000 \$,000

2025 - Total in-house R&D expenditures (Canadian and foreign sources) (should equal total in-house R&D expenditures from question 4)

E60330

\$,000

INFORMATION COPY TO REPORT DO NOT USE

Fields of research and development for in-house R&D expenditures within Canada in 2025

10. In 2025, how were this business's **total expenditures** for R&D performed in-house within Canada distributed by field(s) of research and development?

Exclude:

- payments for outsourced (contracted out or granted) R&D, which should be reported in question 6
- capital depreciation.

Please report all amounts in **thousands** of Canadian dollars.

Report '0' for no R&D expenditures.

Natural and formal sciences

Exclude computer sciences, information technology and bioinformatics (to be reported at lines s. and t.).

	CAN\$ '000
a. Mathematics.....	E45092_y1 \$,000
b. Physical sciences.....	E45092_y2 \$,000
c. Chemical sciences.....	E45092_y3 \$,000
d. Earth and related environmental sciences.....	E45092_y4 \$,000
e. Biological sciences.....	E45092_y5 \$,000
f. Other natural sciences.....	E45092_y6 \$,000
Total natural and formal sciences	E45085 \$,000

Engineering and technology

Exclude software engineering and technology (to be reported at line r.).

	CAN\$ '000
g. Civil engineering.....	E45093_y1 \$,000
h. Electrical engineering, electronic engineering and communications technology.....	E45093_y2 \$,000
i. Mechanical engineering.....	E45093_y3 \$,000
j. Chemical engineering.....	E45093_y4 \$,000
k. Materials engineering.....	E45093_y5 \$,000
l. Medical engineering.....	E45093_y6 \$,000
m. Environmental engineering.....	E45093_y7 \$,000
n. Environmental biotechnology.....	E45093_y8 \$,000
o. Industrial biotechnology.....	E45093_y9 \$,000
p. Nanotechnology.....	E45093_y10 \$,000
q. Other engineering and technologies.....	E45093_y11 \$,000
Total engineering and technology	E45086 \$,000

Software-related sciences and technology

CAN\$ '000

r. Software engineering and technology	E45094_y1		,000
s. Computer sciences	E45094_y2		,000
t. Information technology and bioinformatics	E45094_y3		,000
Total software-related sciences and technology	E45087		,000

Medical and health sciences

u. Basic medicine	E45084_y1		,000
v. Clinical medicine	E45084_y2		,000
w. Health sciences	E45084_y3		,000
x. Medical biotechnology	E45084_y4		,000
y. Other medical sciences	E45084_y5		,000
Total medical and health sciences	E45120		,000

Agricultural sciences

z. Agriculture, forestry and fisheries sciences	E45095_y1		,000
aa. Animal and dairy sciences	E45095_y2		,000
ab. Veterinary sciences	E45095_y3		,000
ac. Agricultural biotechnology	E45095_y4		,000
ad. Other agricultural sciences	E45095_y5		,000
Total agricultural sciences	E45088		,000

Social sciences and humanities

ae. Psychology	E45096_y1		,000
af. Educational sciences	E45096_y2		,000
ag. Economics and business	E45096_y3		,000
ah. Other social sciences	E45096_y4		,000
ai. Humanities	E45096_y5		,000
Total social sciences and humanities	E45089		,000

2025 - Total in-house R&D expenditures within Canada by field of research and development
(should equal total in-house R&D expenditures from question 4) (sum of questions a. to ai.)

E45130		,000
--------	--	------

Nature of R&D for in-house R&D expenditures within Canada in 2025

11. In 2025, how were this business's **total expenditures** for **R&D performed in-house** within Canada distributed by nature of **R&D**?

Basic research is experimental or theoretical work undertaken primarily to acquire new knowledge of the underlying foundation of phenomena and observable facts, without any particular application or use in view.

Applied research is original investigation undertaken in order to acquire new knowledge. It is, however, directed primarily towards a specific, practical aim or objective.

Experimental development is systematic work, drawing on knowledge gained from research and practical experience and producing additional knowledge, which is directed to producing new products or processes or to improving existing products or processes.

(OECD, Frascati Manual: Proposed Standard for Surveys on Research and Experimental Development, 2002)

Percentage of total in-house R&D expenditures

a. Basic research

E45091_y1
 %

b. Applied research

E45091_y2
 %

c. Experimental development

E45091_y3
 %

Total percentage

E45140
 %

Results of R&D expenditures from 2023 to 2025

12. During the three (3) years **2023, 2024 and 2025**, did this business's **total expenditures** for **R&D performed in-house** and **outsourced** (contracted out or granted) within Canada or outside Canada lead to new or significant improvements to the following:

a. Goods
Include goods developed through new knowledge from research discoveries.

	Yes	No
B10033 1	☐	☐
B10033 2	☐	☐

b. Services
Include on-going knowledge transfer to physicians, first responders, patients and the general public.

B10034 1	☐	☐
B10034 2	☐	☐

c. Methods of manufacturing or producing goods and services

B10035 1	☐	☐
B10035 2	☐	☐

d. Logistics, delivery or distribution methods for this business's inputs, goods or services.

B10036 1	☐	☐
B10036 2	☐	☐

e. Supporting activities for this business's processes, such as maintenance systems or operations for purchasing, accounting or computing.

B10037 1	☐	☐
B10037 2	☐	☐

INFORMATION NOT TO BE USED TO REPORT

In-house R&D personnel in 2025

13. In 2025, how many **in-house R&D personnel** within Canada did this business have in the following **R&D** occupations?

Please report in **full-time equivalents (FTE)**.

Include on-site consultants and contractors in line e.

If this business is unable to provide a gender breakdown of **FTEs**, please leave the associated fields empty and report only the totals.

Full-time equivalent (FTE)

R&D may be carried out by persons who work solely on **R&D** projects or by persons who devote only part of their time to **R&D**, and the balance to other activities such as testing, quality control and production engineering. To arrive at the total equivalent devoted to **R&D** in terms of personnel, it is necessary to estimate the full-time equivalent of these persons working only part-time on **R&D**.

Full-time equivalent (FTE) = Number of persons who work solely on **R&D** projects + the time of persons working only part of their time on **R&D**.

Example calculation: If out of four scientists engaged in **R&D** work, one works solely on **R&D** projects and the remaining three devote only one quarter of their working time to **R&D**, then: **FTE** = 1 + 1/4 + 1/4 + 1/4 = 1.75 scientists.

Researchers and research managers

	Men (FTEs)	Women (FTEs)	Non-binary persons (FTEs)	Total (FTEs)
	B20045_o1_y1	B20045_o2_y1	B20045_o3_y1	B20045_y1
a. Scientists, social scientists, engineers and researchers Include software developers and programmers.				
	B20045_o1_y2	B20045_o2_y2	B20045_o3_y2	B20045_y2
b. Senior research managers				
	B20045_o1_y3	B20045_o2_y3	B20045_o3_y3	B20045_y3
Total researchers and research managers				

R&D technical, administrative and support staff

	B20045_o1_y4	B20045_o2_y4	B20045_o3_y4	B20045_y4
c. Technicians, technologists and research assistants Include software technicians.				
	B20045_o1_y5	B20045_o2_y5	B20045_o3_y5	B20045_y5
d. Other R&D technical, administrative and support staff				
	B20045_o1_y6	B20045_o2_y6	B20045_o3_y6	B20045_y6
Total R&D technical, administrative and support staff				

Other R&D occupations

	B20045_o1_y7	B20045_o2_y7	B20045_o3_y7	B20045_y7
e. On-site R&D consultants and contractors				
	B20040_o1	B20040_o2	B20040_o3	B20040
Total in-house R&D personnel within Canada (sum of questions a. to e.)				

Percentage of software-related activities

B20046

14. Of this business's **total in-house R&D personnel** reported above, what percentage performed software-related activities

%

INFORMATION NOT TO BE USED FOR COPY REPORT

15. In 2025, how were the **total in-house R&D personnel** distributed by province or territory?

Please report in **full-time equivalents (FTE)**.

	Number of researchers and research managers	Number of R&D technical, administrative and support staff	Number of on-site R&D consultants and contractors
a. Newfoundland and Labrador	B20047_g1	B20048_g1	B20049_g1
b. Prince Edward Island	B20047_g2	B20048_g2	B20049_g2
c. Nova Scotia	B20047_g3	B20048_g3	B20049_g3
d. New Brunswick	B20047_g4	B20048_g4	B20049_g4
e. Quebec	B20047_g5	B20048_g5	B20049_g5
f. Ontario	B20047_g6	B20048_g6	B20049_g6
g. Manitoba	B20047_g7	B20048_g7	B20049_g7
h. Saskatchewan	B20047_g8	B20048_g8	B20049_g8
i. Alberta	B20047_g9	B20048_g9	B20049_g9
j. British Columbia	B20047_g10	B20048_g10	B20049_g10
k. Yukon	B20047_g11	B20048_g11	B20049_g11
l. Northwest Territories	B20047_g12	B20048_g12	B20049_g12
m. Nunavut	B20047_g13	B20048_g13	B20049_g13
Total in-house R&D personnel within Canada	B20050	B20060	B20070
	Should equal total researchers and research managers from question 13	Should equal total R&D technical, administrative and support staff from question 13	Should equal total on-site consultants and contractors from question 13

DO NOT USE TO REPORT

Technology and technical assistance payments in 2025

16. In 2025, how much did this business pay to other organizations for technology and technical assistance?

Please report all amounts in **thousands** of Canadian dollars.

Report '1' for payments made between \$1 and \$999.

Payments made to parent, affiliated or subsidiary companies

Payments made within Canada

CAN\$ '000

Payments made outside Canada

CAN\$ '000

- a. Patents
- b. Copyrights
- c. Trademarks
- d. Industrial designs
- e. Integrated circuit topography
- f. Original software
- g. Packaged or off-the-shelf software
- h. Databases (useful life exceeding one year)
- i. Other technology and technical assistance
Include technical assistance, industrial processes and know-how

E46099_pc1	\$		,000	E43043_pc1	\$		,000
E46099_pc2	\$		,000	E43043_pc2	\$		,000
E46099_pc3	\$		,000	E43043_pc3	\$		,000
E46099_pc4	\$		,000	E43043_pc4	\$		,000
E46099_pc5	\$		,000	E43043_pc5	\$		,000
E46099_pc6	\$		,000	E43043_pc6	\$		,000
E46099_pc7	\$		,000	E43043_pc7	\$		,000
E46099_pc8	\$		,000	E43043_pc8	\$		,000
E46099_pc9	\$		,000	E43043_pc9	\$		,000

Total payments made to parent, affiliated or subsidiary companies (sum of questions a. to i.)

E46220	\$		,000	E43040	\$		,000
--------	----	--	------	--------	----	--	------

Payments made to other companies, organizations or individuals

- j. Patents
- k. Copyrights
- l. Trademarks
- m. Industrial designs
- n. Integrated circuit topography
- o. Original software
- p. Packaged or off-the-shelf software
- q. Databases (useful life exceeding one year)
- r. Other technology and technical assistance
Include technical assistance, industrial processes and know-how

E46101_pc1	\$		,000	E43044_pc1	\$		,000
E46101_pc2	\$		,000	E43044_pc2	\$		,000
E46101_pc3	\$		,000	E43044_pc3	\$		,000
E46101_pc4	\$		,000	E43044_pc4	\$		,000
E46101_pc5	\$		,000	E43044_pc5	\$		,000
E46101_pc6	\$		,000	E43044_pc6	\$		,000
E46101_pc7	\$		,000	E43044_pc7	\$		,000
E46101_pc8	\$		,000	E43044_pc8	\$		,000
E46101_pc9	\$		,000	E43044_pc9	\$		,000

Total payments made to other companies, organizations or individuals (sum of questions j. to r.)

E46230	\$		,000	E43050	\$		,000
--------	----	--	------	--------	----	--	------

Total payments made to other organizations for technology and technical assistance (sum of questions a. to r.)

E46260	\$		,000	E43060	\$		,000
--------	----	--	------	--------	----	--	------

17. In 2025, how much did this business receive from other organizations for technology and technical assistance?

Please report all amounts in **thousands** of Canadian dollars.
Report '1' for payments received between \$1 and \$999.

Payments received from parent, affiliated or subsidiary companies

Payments received from within Canada

Payments received from outside Canada

CAN\$ '000

US\$ '000

- a. Patents
- b. Copyrights
- c. Trademarks
- d. Industrial designs
- e. Integrated circuit topography
- f. Original software
- g. Packaged or off-the-shelf software
- h. Databases (useful life exceeding one year)
- i. Other technology and technical assistance
Include technical assistance, industrial processes and know-how

E46102_pc1

\$,000

E46102_pc2

\$,000

E46102_pc3

\$,000

E46102_pc4

\$,000

E46102_pc5

\$,000

E46102_pc6

\$,000

E46102_pc7

\$,000

E46102_pc8

\$,000

E46102_pc9

\$,000

Total payments received from parent, affiliated or subsidiary companies (sum of questions a. to i.)

\$,000

E63042_pc1

\$,000

E63042_pc2

\$,000

E63042_pc3

\$,000

E63042_pc4

\$,000

E63042_pc5

\$,000

E63042_pc6

\$,000

E63042_pc7

\$,000

E63042_pc8

\$,000

E63042_pc9

\$,000

E63030

\$,000

Payments received from other companies, organizations or individuals

- j. Patents
- k. Copyrights
- l. Trademarks
- m. Industrial designs
- n. Integrated circuit topography
- o. Original software
- p. Packaged or off-the-shelf software
- q. Databases (useful life exceeding one year)
- r. Other technology and technical assistance
Include technical assistance, industrial processes and know-how

E46103_pc1

\$,000

E46103_pc2

\$,000

E46103_pc3

\$,000

E46103_pc4

\$,000

E46103_pc5

\$,000

E46103_pc6

\$,000

E46103_pc7

\$,000

E46103_pc8

\$,000

E46103_pc9

\$,000

Total payments received from other companies, organizations or individuals (sum of questions j. to r.)

\$,000

E63043_pc1

\$,000

E63043_pc2

\$,000

E63043_pc3

\$,000

E63043_pc4

\$,000

E63043_pc5

\$,000

E63043_pc6

\$,000

E63043_pc7

\$,000

E63043_pc8

\$,000

E63043_pc9

\$,000

E63040

\$,000

Total payments received from other organizations for technology and technical assistance (sum of questions a. to r.)

\$,000

E63050

\$,000

ENERGY-RELATED R&D BY AREA OF TECHNOLOGY

18. In 2025, did this business's **total in-house and outsourced** (contracted out or granted) **R&D expenditures include energy-related R&D** in the following categories?

- | | |
|-------------------------------|--------------------------------------|
| 1. Fossil fuels | 5. Hydrogen and fuel cells |
| 2. Renewable energy resources | 6. Energy efficiency |
| 3. Nuclear fission and fusion | 7. Other energy-related technologies |
| 4. Electric power | |

- ☐ **Yes** → Please provide details below
- ☐ **No** → Go to question 19

Energy-related R&D by area of technology (consult the reporting guide at www.statcan.gc.ca/guides-e for further information and definitions)	2025 in-house energy-related R&D expenditures		
	A	B	C
	Funds from this business	Funds from federal, provincial or territorial government(s)	All other Canadian sources of funds
	CAN\$ '000		
1. Fossil fuels			
a) Crude oils and natural gas exploration	E64052_e1_y1 \$,000	E64053_e1_y1 \$,000	E64054_e1_y1 \$,000
b) Crude oils and natural gas production and storage Include enhanced recovery natural gas production.	E64052_e1_y2 \$,000	E64053_e1_y2 \$,000	E64054_e1_y2 \$,000
c) Oil sands and heavy crude oil surface and sub-surface production and separation of bitumen, tailings management	E64052_e1_y3 \$,000	E64053_e1_y3 \$,000	E64054_e1_y3 \$,000
d) Refining, processing and upgrading of fossil fuels	E64052_e1_y4 \$,000	E64053_e1_y4 \$,000	E64054_e1_y4 \$,000
e) Coal production, separation and processing	E64052_e1_y5 \$,000	E64053_e1_y5 \$,000	E64054_e1_y5 \$,000
f) Transportation of fossil fuels	E64052_e1_y6 \$,000	E64053_e1_y6 \$,000	E64054_e1_y6 \$,000
2. Renewable energy resources			
a) Solar photovoltaics (PV)	E64052_e2_y1 \$,000	E64053_e2_y1 \$,000	E64054_e2_y1 \$,000
b) Solar thermal-power and high-temperature applications	E64052_e2_y2 \$,000	E64053_e2_y2 \$,000	E64054_e2_y2 \$,000
c) Solar heating and cooling	E64052_e2_y3 \$,000	E64053_e2_y3 \$,000	E64054_e2_y3 \$,000
d) Wind energy	E64052_e2_y4 \$,000	E64053_e2_y4 \$,000	E64054_e2_y4 \$,000
e) Bio-energy – biomass production and transport	E64052_e2_y5 \$,000	E64053_e2_y5 \$,000	E64054_e2_y5 \$,000
f) Bio-energy – biomass conversion to transportation fuel	E64052_e2_y6 \$,000	E64053_e2_y6 \$,000	E64054_e2_y6 \$,000
g) Bio-energy – biomass conversion to heat and electricity	E64052_e2_y7 \$,000	E64053_e2_y7 \$,000	E64054_e2_y7 \$,000
h) Other bio-energy	E64052_e2_y8 \$,000	E64053_e2_y8 \$,000	E64054_e2_y8 \$,000
i) Small hydro (less than or equal to 10 MW)	E64052_e2_y9 \$,000	E64053_e2_y9 \$,000	E64054_e2_y9 \$,000
j) Large hydro (greater than or equal to 10 MW)	E64052_e2_y10 \$,000	E64053_e2_y10 \$,000	E64054_e2_y10 \$,000
k) Other renewable energy Include ocean and geothermal.	E64052_e2_y11 \$,000	E64053_e2_y11 \$,000	E64054_e2_y11 \$,000

2025 in-house energy-related R&D expenditures		2025 outsourced (contracted out or granted) energy-related R&D expenditures		
D All foreign sources of funds	Total in-house R&D (= A+B+C+D)	E Outsourced (contracted out or granted) within Canada	F Outsourced (contracted out or granted) outside Canada	Total outsourced R&D (= E+F)
CAN\$ '000		CAN\$ '000		
1. Fossil fuels				
E63045_e1_y1 \$,000	E45097_e1_y1 \$,000	E46104_e1_y1 \$,000	E43045_e1_y1 \$,000	E40430_e1_y1 \$,000
E63045_e1_y2 \$,000	E45097_e1_y2 \$,000	E46104_e1_y2 \$,000	E43045_e1_y2 \$,000	E40430_e1_y2 \$,000
E63045_e1_y3 \$,000	E45097_e1_y3 \$,000	E46104_e1_y3 \$,000	E43045_e1_y3 \$,000	E40430_e1_y3 \$,000
E63045_e1_y4 \$,000	E45097_e1_y4 \$,000	E46104_e1_y4 \$,000	E43045_e1_y4 \$,000	E40430_e1_y4 \$,000
E63045_e1_y5 \$,000	E45097_e1_y5 \$,000	E46104_e1_y5 \$,000	E43045_e1_y5 \$,000	E40430_e1_y5 \$,000
E63045_e1_y6 \$,000	E45097_e1_y6 \$,000	E46104_e1_y6 \$,000	E43045_e1_y6 \$,000	E40430_e1_y6 \$,000
2. Renewable energy resources				
E63045_e2_y1 \$,000	E45097_e2_y1 \$,000	E46104_e2_y1 \$,000	E43045_e2_y1 \$,000	E40430_e2_y1 \$,000
E63045_e2_y2 \$,000	E45097_e2_y2 \$,000	E46104_e2_y2 \$,000	E43045_e2_y2 \$,000	E40430_e2_y2 \$,000
E63045_e2_y3 \$,000	E45097_e2_y3 \$,000	E46104_e2_y3 \$,000	E43045_e2_y3 \$,000	E40430_e2_y3 \$,000
E63045_e2_y4 \$,000	E45097_e2_y4 \$,000	E46104_e2_y4 \$,000	E43045_e2_y4 \$,000	E40430_e2_y4 \$,000
E63045_e2_y5 \$,000	E45097_e2_y5 \$,000	E46104_e2_y5 \$,000	E43045_e2_y5 \$,000	E40430_e2_y5 \$,000
E63045_e2_y6 \$,000	E45097_e2_y6 \$,000	E46104_e2_y6 \$,000	E43045_e2_y6 \$,000	E40430_e2_y6 \$,000
E63045_e2_y7 \$,000	E45097_e2_y7 \$,000	E46104_e2_y7 \$,000	E43045_e2_y7 \$,000	E40430_e2_y7 \$,000
E63045_e2_y8 \$,000	E45097_e2_y8 \$,000	E46104_e2_y8 \$,000	E43045_e2_y8 \$,000	E40430_e2_y8 \$,000
E63045_e2_y9 \$,000	E45097_e2_y9 \$,000	E46104_e2_y9 \$,000	E43045_e2_y9 \$,000	E40430_e2_y9 \$,000
E63045_e2_y10 \$,000	E45097_e2_y10 \$,000	E46104_e2_y10 \$,000	E43045_e2_y10 \$,000	E40430_e2_y10 \$,000
E63045_e2_y11 \$,000	E45097_e2_y11 \$,000	E46104_e2_y11 \$,000	E43045_e2_y11 \$,000	E40430_e2_y11 \$,000

Energy-related R&D by area of technology (consult the reporting guide at www.statcan.gc.ca/guides-e for further information and definitions)	2025 in-house energy-related R&D expenditures		
	A	B	C
	Funds from this business	Funds from federal provincial or territorial government(s)	All other Canadian sources of funds
	CAN\$ '000		
3. Nuclear fission and fusion			
a) Nuclear materials exploration, mining and preparation, tailings management	E64052_e3_y1 \$,000	E64053_e3_y1 \$,000	E64054_e3_y1 \$,000
b) Nuclear reactors	E64052_e3_y2 \$,000	E64053_e3_y2 \$,000	E64054_e3_y2 \$,000
c) Other fission	E64052_e3_y3 \$,000	E64053_e3_y3 \$,000	E64054_e3_y3 \$,000
d) Fusion	E64052_e3_y4 \$,000	E64053_e3_y4 \$,000	E64054_e3_y4 \$,000
4. Electric power			
a) Electric power generation in utility sector	E64052_e4_y1 \$,000	E64053_e4_y1 \$,000	E64054_e4_y1 \$,000
b) Electric power - combined heat and power in industry, buildings	E64052_e4_y2 \$,000	E64053_e4_y2 \$,000	E64054_e4_y2 \$,000
c) Electricity transmission, distribution and storage	E64052_e4_y3 \$,000	E64053_e4_y3 \$,000	E64054_e4_y3 \$,000
5. Hydrogen and fuel cells			
a) Hydrogen production for process applications	E64052_e5_y1 \$,000	E64053_e5_y1 \$,000	E64054_e5_y1 \$,000
b) Hydrogen production for transportation applications	E64052_e5_y2 \$,000	E64053_e5_y2 \$,000	E64054_e5_y2 \$,000
c) Hydrogen transport and storage	E64052_e5_y3 \$,000	E64053_e5_y3 \$,000	E64054_e5_y3 \$,000
d) Other hydrogen	E64052_e5_y4 \$,000	E64053_e5_y4 \$,000	E64054_e5_y4 \$,000
e) Stationary fuel cells	E64052_e5_y5 \$,000	E64053_e5_y5 \$,000	E64054_e5_y5 \$,000
f) Mobile fuel cells	E64052_e5_y6 \$,000	E64053_e5_y6 \$,000	E64054_e5_y6 \$,000
6. Energy efficiency			
a) Energy efficiency applications for industry	E64052_e6_y1 \$,000	E64053_e6_y1 \$,000	E64054_e6_y1 \$,000
b) Energy efficiency for residential, institutional and commercial sectors	E64052_e6_y2 \$,000	E64053_e6_y2 \$,000	E64054_e6_y2 \$,000
c) Energy efficiency for transportation	E64052_e6_y3 \$,000	E64053_e6_y3 \$,000	E64054_e6_y3 \$,000
d) Other energy efficiency	E64052_e6_y4 \$,000	E64053_e6_y4 \$,000	E64054_e6_y4 \$,000
7. Other energy-related technologies			
a) Carbon capture, transport and storage related to fossil fuel production and processing	E64052_e7_y1 \$,000	E64053_e7_y1 \$,000	E64054_e7_y1 \$,000
b) Carbon capture, transport and storage related to electric power production	E64052_e7_y2 \$,000	E64053_e7_y2 \$,000	E64054_e7_y2 \$,000
c) Carbon capture, transport and storage related to industry in end-use sectors	E64052_e7_y3 \$,000	E64053_e7_y3 \$,000	E64054_e7_y3 \$,000
d) Energy system analysis	E64052_e7_y4 \$,000	E64053_e7_y4 \$,000	E64054_e7_y4 \$,000
e) All other energy-related technologies	E64052_e7_y5 \$,000	E64053_e7_y5 \$,000	E64054_e7_y5 \$,000

2025 in-house energy-related R&D expenditures		2025 outsourced (contracted out or granted) energy-related R&D expenditures		
D All foreign sources of funds	Total in-house R&D (= A+B+C+D)	E Outsourced (contracted out or granted) within Canada	F Outsourced (contracted out or granted) outside Canada	Total outsourced R&D (= E+F)
CAN\$ '000		CAN\$ '000		
3. Nuclear fission and fusion				
E63045_e3_y1 \$,000	E45097_e3_y1 \$,000	E46104_e3_y1 \$,000	E43045_e3_y1 \$,000	E40430_e3_y1 \$,000
E63045_e3_y2 \$,000	E45097_e3_y2 \$,000	E46104_e3_y2 \$,000	E43045_e3_y2 \$,000	E40430_e3_y2 \$,000
E63045_e3_y3 \$,000	E45097_e3_y3 \$,000	E46104_e3_y3 \$,000	E43045_e3_y3 \$,000	E40430_e3_y3 \$,000
E63045_e3_y4 \$,000	E45097_e3_y4 \$,000	E46104_e3_y4 \$,000	E43045_e3_y4 \$,000	E40430_e3_y4 \$,000
4. Electric power				
E63045_e4_y1 \$,000	E45097_e4_y1 \$,000	E46104_e4_y1 \$,000	E43045_e4_y1 \$,000	E40430_e4_y1 \$,000
E63045_e4_y2 \$,000	E45097_e4_y2 \$,000	E46104_e4_y2 \$,000	E43045_e4_y2 \$,000	E40430_e4_y2 \$,000
E63045_e4_y3 \$,000	E45097_e4_y3 \$,000	E46104_e4_y3 \$,000	E43045_e4_y3 \$,000	E40430_e4_y3 \$,000
5. Hydrogen and fuel cells				
E63045_e5_y1 \$,000	E45097_e5_y1 \$,000	E46104_e5_y1 \$,000	E43045_e5_y1 \$,000	E40430_e5_y1 \$,000
E63045_e5_y2 \$,000	E45097_e5_y2 \$,000	E46104_e5_y2 \$,000	E43045_e5_y2 \$,000	E40430_e5_y2 \$,000
E63045_e5_y3 \$,000	E45097_e5_y3 \$,000	E46104_e5_y3 \$,000	E43045_e5_y3 \$,000	E40430_e5_y3 \$,000
E63045_e5_y4 \$,000	E45097_e5_y4 \$,000	E46104_e5_y4 \$,000	E43045_e5_y4 \$,000	E40430_e5_y4 \$,000
E63045_e5_y5 \$,000	E45097_e5_y5 \$,000	E46104_e5_y5 \$,000	E43045_e5_y5 \$,000	E40430_e5_y5 \$,000
E63045_e5_y6 \$,000	E45097_e5_y6 \$,000	E46104_e5_y6 \$,000	E43045_e5_y6 \$,000	E40430_e5_y6 \$,000
6. Energy efficiency				
E63045_e6_y1 \$,000	E45097_e6_y1 \$,000	E46104_e6_y1 \$,000	E43045_e6_y1 \$,000	E40430_e6_y1 \$,000
E63045_e6_y2 \$,000	E45097_e6_y2 \$,000	E46104_e6_y2 \$,000	E43045_e6_y2 \$,000	E40430_e6_y2 \$,000
E63045_e6_y3 \$,000	E45097_e6_y3 \$,000	E46104_e6_y3 \$,000	E43045_e6_y3 \$,000	E40430_e6_y3 \$,000
E63045_e6_y4 \$,000	E45097_e6_y4 \$,000	E46104_e6_y4 \$,000	E43045_e6_y4 \$,000	E40430_e6_y4 \$,000
7. Other energy-related technologies				
E63045_e7_y1 \$,000	E45097_e7_y1 \$,000	E46104_e7_y1 \$,000	E43045_e7_y1 \$,000	E40430_e7_y1 \$,000
E63045_e7_y2 \$,000	E45097_e7_y2 \$,000	E46104_e7_y2 \$,000	E43045_e7_y2 \$,000	E40430_e7_y2 \$,000
E63045_e7_y3 \$,000	E45097_e7_y3 \$,000	E46104_e7_y3 \$,000	E43045_e7_y3 \$,000	E40430_e7_y3 \$,000
E63045_e7_y4 \$,000	E45097_e7_y4 \$,000	E46104_e7_y4 \$,000	E43045_e7_y4 \$,000	E40430_e7_y4 \$,000
E63045_e7_y5 \$,000	E45097_e7_y5 \$,000	E46104_e7_y5 \$,000	E43045_e7_y5 \$,000	E40430_e7_y5 \$,000

Environmental and clean technology R&D expenditures in 2025

19. In 2025, what percentage of this business's **total expenditures** for **R&D performed in-house** within Canada was related to **research and development of environmental and clean technologies**?

Environmental and clean technology product is defined as any process, product, or service that reduces environmental impacts: through environmental protection activities that prevent, reduce or eliminate pollution or any other degradation of the environment; resource management activities that result in the more efficient use of natural resources, thus safeguarding against their depletion; or the use of goods that have been adapted to be significantly less energy or resource intensive than the industry standard.

Report '0' for no environmental and clean technology R&D expenditures.

If precise figures are not available, please provide your best estimate.

Percentage of
environmental and
clean technology
R&D

E45238

%

INFORMATION COPY
DO NOT USE TO REPORT

20. In 2025, in which of the following categories of **environmental and clean technology** did this business perform **R&D** activities?

Mark all that apply.

B05203_y11

☐

Air pollution management

e.g., greenhouse gas control technologies or management services, physical or chemical treatment technologies, air pollution modeling and mapping services

B05203_y9

☐

Solid waste management

e.g., collection of waste, recycling and organics, compaction-related technologies, landfill leachate collection and containment technologies

B05203_y10

☐

Wastewater management

e.g., physical or chemical treatments of industrial wastewater, sludge handling and treatment, biological treatments of sewage

B05203_y12

☐

Protection and remediation of soil, groundwater and surface water

e.g., in situ and ex situ biological, physical, chemical, thermal treatments, containment

B05203_y13

☐

Protection of biodiversity and habitat

B05203_y14

☐

Noise and vibration abatement

Exclude R&D related to workers' health and safety

B05203_y15

☐

Protection against radiation

Exclude R&D related to workers' health and safety

B05203_y16

☐

Heat and energy savings and management

e.g., efficient equipment (advanced insulation, high efficiency pumps or burner (Energy Star certified), etc.), energy storage technologies (flywheels, fuel cells), lighting upgrades, smart grid services and associated technologies

B05203_y17

☐

Fuel efficient vehicles and transportation goods or technologies

e.g., electric and hybrid vehicles, vehicles using alternative fuels, alternative fuel retrofits on existing vehicles, low-rolling resistance tires

B05203_y18

☐

Production of energy from renewable sources

e.g., equipment, services, and technologies used to produce electricity or heat from renewable sources

B05203_y20

☐

Production of nuclear energy

e.g., equipment, services, and technologies used to produce electricity or heat from nuclear energy

Exclude the Production feedstock used to produce energy such as uranium

B05203_y90

☐

Other environmental protection or resource management activities

Specify the other environmental protection or resource management activities

B05203_y90

DO NOT USE TO REPORT INFORMATION

Notification of intent to extract web data

21. Does this organization have a website?

B00024

1

☐

Yes



Specify the organization website address 1

e.g., www.example.ca

B00025

Specify the organization website address 2

e.g., www.example.ca

B00030

Specify the organization website address 3

e.g., www.example.ca

B00031

2

☐

No



Statistics Canada engages in web-data extraction, also known as web scraping, which is a process by which information is gathered and copied from the Web using automated scripts or robots, for retrieval and analysis. As a result, we may visit the website for this organization to search for and compile additional information. The use of web scraping is part of a broader effort to reduce the response burden on organizations, as well as produce additional statistical indicators to ensure that our data remain accurate and relevant.

We will strive to ensure that the data collection does not interfere with the functionality of the website. Any data collected will be used by Statistics Canada for statistical and research purposes only, in accordance with the agency's privacy and confidentiality mandate.

For more information regarding Statistics Canada's web scraping initiative, please visit <http://www.statcan.gc.ca/en/our-data/when/web-scraping>.

To learn more about Statistics Canada's transparency and accountability, please visit <http://www.statcan.gc.ca/en/transparency/accountability>.

If you have any questions or concerns, please contact **Statistics Canada Client Services**, toll-free at 1-877-949-9488 (TTY: 1-800-363-629) or by email at infostats@statcan.gc.ca. Additional information about this survey can be found at the following link: <http://www.statcan.gc.ca/survey>.

INFORMATION USE TO REPORT

Changes or events

22. Indicate any changes or events that affected the reported values for this business or organization compared with the last reporting period.

Mark all that apply.

B00316_r1

☐

Outsourcing of **R&D** projects

B00316_r2

☐

Initiation of new **R&D** projects

B00316_r3

☐

Completion of existing **R&D** projects

B00316_r4

☐

Major change in funding of **R&D** projects (loss of funding)

B00316_r5

☐

Major change in funding of **R&D** projects (increase in funding)

B00316_r6

☐

Organizational change that affected **R&D** activities (expansion, reduction, restructuring)

B00316_r7

☐

Economic change that affected **R&D** activities

B00316_r11

☐

Lack of availability of qualified **R&D** personnel

B00302_t15

☐

Other changes or events — specify:

B00302_t16

OR

B00316_t17

☐

No changes or events

INFORMATION COPY TO REPORT
DO NOT USE

Contact person

23. Statistics Canada may need to contact the person who completed this questionnaire for further information.

If the contact person is the same as on cover page, please check ☐ → **Go to "Feedback"**

Otherwise, who is the **best person to contact** about this questionnaire?

First name

20

Last name

4

Title

100%

Email address (Example: user@example.gov.ca)

© 2013 Pearson Education, Inc. or its affiliate(s). All rights reserved. This material is intended solely for the personal use of the individual user and is not to be disseminated broadly.

Telephone number (including area code)
Example: 123-123-1234

Extension number
(if applicable)

Fax number (including area code)
Example: 123-123-1234

K

Feedback

24. How long did it take to complete this questionnaire?

Include the time spent gathering the necessary information.....

Hours

Minutes

25. We invite your comments about this questionnaire

B00002

INFORM
DO NOT U

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.

Provincial and territorial statistical agencies

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 the Yukon. The shared data will be limited to information on in-house research and development expenditures (Question 8) and in-house research and development personnel (Question 15) 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. The shared data will be limited to information on in-house research and

development expenditures (Question 8) and in-house research and development personnel (Question 15) pertaining to business establishments located within the jurisdiction of the respective province or territory.

Innovation, Science and Economic Development Canada

For this survey, Statistics Canada will share survey data with Innovation, Science and Economic Development Canada. The shared data will be limited to information on research and development expenditures (Questions 4 to 12), in-house research and development personnel (Questions 13 to 15) and environmental and clean technology R&D expenditures (Questions 19 and 20).

Natural Resources Canada

For respondent, in-house research and development personnel (Questions 13 to 15) and environmental and clean technology R&D expenditures (Questions 19 and 20), with expenditures on energy-related research and development in technology (fossil fuels, renewable energy resources, nuclear fission and fusion, electric power, hydrogen and fuel cells, energy efficiency, other energy-related technologies), Statistics Canada will also share survey data with the Office of Energy Research and Development (OERD) of Natural Resources Canada. The shared data will be limited to information on Energy Research and Development Expenditures by Area of Technology (Question 18) and Environmental and clean technology R&D expenditures (Questions 19 and 20).

Housing, Infrastructure and Communities Canada

For this survey, Statistics Canada will share survey data with the Housing, Infrastructure and Communities Canada. The shared data will be limited to information on environmental protection expenditures (Questions 19 and 20).

You may refuse to share your information with this organization by writing a letter of objection to the Chief Statistician and returning it with the completed questionnaire.

Department of Finance Canada

For this survey, Statistics Canada will share survey data with the Department of Finance Canada. The shared data will be limited to information on environmental protection expenditures (Questions 19 and 20).

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