

2017 Annual Survey of Environmental Goods and Services

CONFIDENTIAL once completed.

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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

The purpose of this survey is to obtain information on the supply of, and/or demand for, energy in Canada. This information serves as an important indicator of Canadian economic performance, and is used by all levels of government in establishing informed policies in the energy area. The private sector also uses this information 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 **1-877-949-9492** or **TTY 1-855-382-7745**.

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 rounded to the nearest Canadian dollar.
- **Exclude** federal, provincial and territorial sales taxes and excise duties and taxes.
- When precise figures are not available, please provide your best estimates.
- Report goods manufactured as part of an environmental service provided under Service provider, and include the sales of related machinery, equipment, and products.
- Consult the reporting guide at www.statcan.gc.ca/guides-e for further information.

Business or organization and contact information

1. Please **provide** the business or organization's **legal and operating name**.

Legal name

Operating name (if applicable)

2. Please **provide the contact information** of the designated business or organization **contact person** for this questionnaire.

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.gov.ca

Telephone number (including area code)

Example: 123-123-1234

Extension number
(if applicable)

Fax number (including area code)

Example: 123-123-1234

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

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
<input type="text"/>	<input type="text"/>	<input type="text"/>

When does this business or organization expect to resume operations?

Date B00218

YYYY	MM	DD
<input type="text"/>	<input type="text"/>	<input type="text"/>

 → **Go to question 4**

3b. Ceased operations

When did this business or organization cease operations?

Date B00211

YYYY	MM	DD
<input type="text"/>	<input type="text"/>	<input type="text"/>

Why did this business or organization cease operations?

B00311

1 ☐ Bankruptcy

2 ☐ Liquidation

3 ☐ Dissolution

4 ☐ Other
Specify the other reasons for ceased operations

B00312

→ **Go to question 4**

3c. Sold operations

When was this business or organization sold?

B00212
Date YYYY MM DD

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?

B00213
Date YYYY MM DD

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?

B00214
Date YYYY MM DD

When does this business or organization expect to resume operations?

B00215
Date YYYY MM DD

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?

B00216
Date YYYY MM DD

Why did this business or organization cease operations?

B00314

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4. Please **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 question 7**

2 ☐ This is **not** the current main activity.

Please 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 question 7**

6. When did the main activity change?

Date B00219

YYYY	MM	DD
<input type="text"/>	<input type="text"/>	<input type="text"/>

7. Are there any **other activities that contribute significantly (at least 10%) to this business or organization's revenue?**

B05024

1 ☐ **Yes**, there are other activities.

2 ☐ **No**, that is the only significant activity. → **Go to next section**

8. Please provide a brief but precise **description** of this business or organization's **secondary activity**.

e.g., breakfast cereal manufacturing, shoe store, software development

B05005

9. Approximately what **percentage of this business or organization's revenue** is generated by each of the following activities?

When precise figures are not available, please provide your best estimates.

a. Main activity

b. Secondary activity

c. All other activities

Total percentage

**Percentage
of revenue**

B05004

%

B05006

%

B05008

%

B05000

1 **0** **0** %

Reporting period information

1. What are the start and end dates of this business or organization's most recently completed fiscal year that ended any time between April 1, 2017 and March 31, 2018.

Fiscal Year ^{B00205} Start date

YYYY	MM	DD
<input type="text"/>	<input type="text"/>	<input type="text"/>

Fiscal Year ^{B00206} End date

YYYY	MM	DD
<input type="text"/>	<input type="text"/>	<input type="text"/>

2. If the fiscal year reported for this establishment is less than a full year, please check the reason(s) below:

Select all that apply.

^{B00301_r1}

☐

Seasonal operations

^{B00301_r2}

☐

New business

^{B00301_r3}

☐

Change of ownership

^{B00301_r6}

☐

Temporarily inactive

^{B00301_r4}

☐

Change of fiscal year

^{B00301_r5}

☐

Ceased operations

^{B00301_r8}

☐

Other



Specify other reason the reporting period does not cover a full year

^{B00301_r9}

Activity sectors

3. Which of the following activity sectors apply to this business or organization?

Select all that apply.

^{B05246}

☐

Manufacturer

^{B05248}

☐

Wholesaler

^{B05247}

☐

Service provider

Include turnkey project management, integrators, asset management, development and integration.

OR

^{B05249}

☐

None of the above

Manufacturer

4. Which of the following categories are applicable to your manufacturing operations?
Select all that apply.

Indicate the destination market
Select all that apply.

Domestic

Export

Clean energy equipment

For example: wind, geothermal, hydro, solar, nuclear energy and waste to energy

B05246_sc1_pc1

B05246_sc2_pc1

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☐

Non-hazardous waste management technologies

For example: collection, separating and sorting, compaction, centralized biological reprocessing, and disposal equipment

B05246_sc1_pc2

B05246_sc2_pc2

☐
☐

Industrial air pollution or flue gas management technologies

For example: physical and chemical treatment equipment

B05246_sc1_pc3

B05246_sc2_pc3

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☐

Monitoring and reduction of greenhouse gases and air pollution technologies

For example: low emitting burners; clean coal, carbon capture and sequestration, and leak detection technologies

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B05246_sc2_pc4

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Industrial wastewater and municipal sewage treatment technologies

For example: physical, chemical and biological treatment of wastewater and sewage

B05246_sc1_pc5

B05246_sc2_pc5

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Water management, recycling and treatment of drinking water technologies

For example: information and communication technologies; equipment to reduce consumption; equipment for collection; and filtration, oxidation, and adjustment technologies

B05246_sc1_pc6

B05246_sc2_pc6

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Remediation of ground water, surface water and leachate technologies

For example: biological treatment, physical and chemical treatment, containment, air emissions and off-gas treatment, and radioactive contamination remediation technologies

B05246_sc1_pc7

B05246_sc2_pc7

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Remediation of soil, sediment and sludge technologies

For example: biological treatment, physical and chemical treatment, containment, thermal treatment and radioactive contamination remediation technologies

B05246_sc1_pc8

B05246_sc2_pc8

☐
☐

Smart grid and energy storage technologies

For example: inverters, meters, batteries, fuel cells and storage systems

B05246_sc1_pc9

B05246_sc2_pc9

☐
☐

Bioenergy production equipment

For example: biofuel reactors, combined heat and power bioenergy systems, filtration systems, biomass processing

B05246_sc1_pc10

B05246_sc2_pc10

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☐

Biofuel, biomaterial and biochemical production

For example: biodiesel, ethanol, biopesticides, biopolymers, nanomaterials, and cross-laminated timber.

B05246_sc1_pc11

B05246_sc2_pc11

☐
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Precision agriculture technologies

For example: variable rate equipment, sensors, UAV and drones, software and feeding technologies . . .

B05246_sc1_pc12

B05246_sc2_pc12

☐
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Energy efficiency technologies

For example: industrial, commercial and residential equipment

B05246_sc1_pc13

B05246_sc2_pc13

☐
☐

Transportation technologies

For example: fuel efficient automotive and aerospace equipment

B05246_sc1_pc14

B05246_sc2_pc14

☐
☐

Aquaculture technologies

For example: filters, raceways, and automation technologies

B05246_sc1_pc15

B05246_sc2_pc15

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Wholesaler

5. Which of the following categories are applicable to your wholesale operations?
Select all that apply.

Indicate the source and destination markets
Select all that apply.

Imported goods sold within Canada	Domestic goods sold within Canada	Exported goods, any source
B05248_sc3_pc1 <input type="checkbox"/>	B05248_sc1_pc1 <input type="checkbox"/>	B05248_sc2_pc1 <input type="checkbox"/>
B05248_sc3_pc2 <input type="checkbox"/>	B05248_sc1_pc2 <input type="checkbox"/>	B05248_sc2_pc2 <input type="checkbox"/>
B05248_sc3_pc3 <input type="checkbox"/>	B05248_sc1_pc3 <input type="checkbox"/>	B05248_sc2_pc3 <input type="checkbox"/>
B05248_sc3_pc4 <input type="checkbox"/>	B05248_sc1_pc4 <input type="checkbox"/>	B05248_sc2_pc4 <input type="checkbox"/>
B05248_sc3_pc5 <input type="checkbox"/>	B05248_sc1_pc5 <input type="checkbox"/>	B05248_sc2_pc5 <input type="checkbox"/>
B05248_sc3_pc6 <input type="checkbox"/>	B05248_sc1_pc6 <input type="checkbox"/>	B05248_sc2_pc6 <input type="checkbox"/>
B05248_sc3_pc7 <input type="checkbox"/>	B05248_sc1_pc7 <input type="checkbox"/>	B05248_sc2_pc7 <input type="checkbox"/>
B05248_sc3_pc8 <input type="checkbox"/>	B05248_sc1_pc8 <input type="checkbox"/>	B05248_sc2_pc8 <input type="checkbox"/>
B05248_sc3_pc9 <input type="checkbox"/>	B05248_sc1_pc9 <input type="checkbox"/>	B05248_sc2_pc9 <input type="checkbox"/>
B05248_sc3_pc10 <input type="checkbox"/>	B05248_sc1_pc10 <input type="checkbox"/>	B05248_sc2_pc10 <input type="checkbox"/>
B05248_sc3_pc11 <input type="checkbox"/>	B05248_sc1_pc11 <input type="checkbox"/>	B05248_sc2_pc11 <input type="checkbox"/>
B05248_sc3_pc12 <input type="checkbox"/>	B05248_sc1_pc12 <input type="checkbox"/>	B05248_sc2_pc12 <input type="checkbox"/>
B05248_sc3_pc13 <input type="checkbox"/>	B05248_sc1_pc13 <input type="checkbox"/>	B05248_sc2_pc13 <input type="checkbox"/>
B05248_sc3_pc14 <input type="checkbox"/>	B05248_sc1_pc14 <input type="checkbox"/>	B05248_sc2_pc14 <input type="checkbox"/>
B05248_sc3_pc15 <input type="checkbox"/>	B05248_sc1_pc15 <input type="checkbox"/>	B05248_sc2_pc15 <input type="checkbox"/>

Clean energy equipment

For example: wind, geothermal, hydro, solar, nuclear energy and waste to energy

Non-hazardous waste management technologies

For example: collection, separating and sorting, compaction, centralized biological reprocessing, and disposal equipment

Industrial air pollution or flue gas management technologies

For example: physical and chemical treatment equipment

Monitoring and reduction of greenhouse gases and air pollution technologies

For example: low emitting burners; clean coal, carbon capture and sequestration, and leak detection technologies

Industrial wastewater and municipal sewage treatment technologies

For example: physical, chemical and biological treatment of wastewater and sewage

Water management, recycling and treatment of drinking water technologies

For example: information and communication technologies; equipment to reduce consumption; equipment for collection; and filtration, oxidation, and adjustment technologies

Remediation of ground water, surface water and leachate technologies

For example: biological treatment, physical and chemical treatment, containment, air emissions and off-gas treatment, and radioactive contamination remediation technologies

Remediation of soil, sediment and sludge technologies

For example: biological treatment, physical and chemical treatment, containment, thermal treatment and radioactive contamination remediation technologies

Smart grid and energy storage technologies

For example: inverters, meters, batteries, fuel cells and storage systems

Bioenergy production equipment

For example: biofuel reactors, combined heat and power bioenergy systems, filtration systems, biomass processing

Biofuel, biomaterial and biochemical production

For example: biodiesel, ethanol, biopesticides, biopolymers, nanomaterials, and cross-laminated timber

Precision agriculture technologies

For example: variable rate equipment, sensors, UAV and drones, software and feeding technologies

Energy efficiency technologies

For example: industrial, commercial and residential equipment

Transportation technologies

For example: fuel efficient automotive and aerospace equipment

Aquaculture technologies

For example: filters, raceways, and automation technologies

Service provider

6. Which of the following categories are applicable to your service operations?

Include turnkey project management, integrators, asset management, development and integration.
Select all that apply.

Indicate the destination market.
Select all that apply.

Domestic

Export

Site remediation or monitoring services and environmental emergency response services
For example: remediation of soil, water, air, and radioactive contamination; control, containment, and monitoring services; and environmental emergency response services

B05247_sc1_pc16

B05247_sc2_pc16

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Energy efficiency, industrial design and related services
For example: certification services and audits; monitoring and demand control services; analysis, modelling, and consulting services; advanced insulation activities; and aerodynamic and emission control design and testing

B05247_sc1_pc17

B05247_sc2_pc17

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Monitoring and reduction of greenhouse gases and air pollution services
For example: emissions and air quality management services; monitoring and trading services; development of compliance and reporting systems; and risk assessments and management

B05247_sc1_pc4

B05247_sc2_pc4

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Clean energy services
For example: installation, operations, maintenance, engineering and design services for wind, geothermal, hydro, solar, and nuclear energy projects

B05247_sc1_pc1

B05247_sc2_pc1

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Water management and efficiency services
For example: planning and design; efficiency consulting; piloting, validation and verification; pipe inspection; training and plant operation; water quality testing and instrumentation services

B05247_sc1_pc18

B05247_sc2_pc18

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Precision agriculture services
For example: support, consulting, and GPS and GIS services.

B05247_sc1_pc12

B05247_sc2_pc12

☐
☐

Transportation services
For example: intelligent traffic control, traffic management, vehicle fleet logistics, traffic infrastructure, inspection services for air emissions, and alternative fuel retrofits

B05247_sc1_pc14

B05247_sc2_pc14

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Smart grid services
For example: energy storage and microgrid solutions; cyber security services; data management, monitoring and communications solutions

B05247_sc1_pc19

B05247_sc2_pc19

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Total revenue

7. What was this business or organization's **total revenue**?

Total revenue is the sum of the value of sales (before royalties, taxes and other charges) and all other revenues, except contributions from owners.

When precise figures are not available please provide your best estimates.

Include:

- sales of all goods and services
- other operating revenue
- non-operating revenue.

Report in CAN\$

F40000

\$.00

Manufacturer — clean energy equipment — domestic sales

8. Report sales of goods manufactured in Canada and the number of units sold within Canada.
Include machinery, equipment, products, and technologies.

	Sales of goods manufactured in Canada Rounded to the nearest CAN\$	Number of units sold within Canada
Wind		
	F43531_sc1_p1	B40279_sc1_p1
a. Wind turbine equipment, nacelle, blades, tower	\$.00	
	F43531_sc1_p2	B40279_sc1_p2
b. Switchgear, transformers	\$.00	
Geothermal		
	F43531_sc1_p3	B40279_sc1_p3
c. Heat pumps, other equipment used in geothermal energy systems	\$.00	
Hydro		
	F43531_sc1_p4	B40279_sc1_p4
d. Turbines and related components e.g., Francis, Kaplan, Pelton Exclude wave and tidal energy.	\$.00	
	F43531_sc1_p5	B40279_sc1_p5
e. Turbines and related components for wave and tidal energy.	\$.00	
	F43531_sc1_p6	B40279_sc1_p6
f. Generators, valves, gates, transformers, switchgear Include components.	\$.00	
Solar		
	F43531_sc1_p7	B40279_sc1_p7
g. Active solar heating equipment e.g., glazed flat plate collectors, glazed evacuated tubes and collectors, unglazed panels and collectors for heating pools, perforated cladding for solar air heating	\$.00	
	F43531_sc1_p8	B40279_sc1_p8
h. Active solar-power generation equipment e.g., concentrating mirrors, receivers	\$.00	
	F43531_sc1_p9	B40279_sc1_p9
i. Photovoltaic energy equipment e.g., photovoltaic cells, modules, panels and arrays, inverters for solar photovoltaic systems	\$.00	
Nuclear energy		
	F43531_sc1_p10	B40279_sc1_p10
j. Nuclear reactors, or nuclear island components e.g., primary circuit; steam generators; primary side auxiliaries; nuclear island electrical supply; and instrumentation and controls	\$.00	
	F43531_sc1_p11	B40279_sc1_p11
k. Nuclear fuel handling, processing, and fabrication equipment	\$.00	

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Manufacturer — clean energy equipment — domestic sales (continued)

Waste to Energy

l. Liquid organic waste to energy equipment

Sales of goods
manufactured in Canada
Rounded to the nearest
CAN\$

Number of units sold within
Canada

F43531_sc1_p12

B40279_sc1_p12

\$00

F43531_sc1_p13

B40279_sc1_p13

m. Solid organic waste to energy equipment

\$00

Other

n. All other clean energy equipment

Specify all other clean energy equipment:

F43531_sc1_p15

F43531_sc1_p14

B40279_sc1_p14

..... \$00

Total

F43531_sc1_p16
\$00

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Manufacturer — clean energy equipment — export sales

9. Report sales of exported goods manufactured in Canada and the number of units sold outside of Canada.
Include machinery, equipment, products, and technologies.

	Sales of exported goods manufactured in Canada Rounded to the nearest CAN\$	Number of units sold outside of Canada
Wind		
	F43531_sc2_p1	B40279_sc2_p1
a. Wind turbine equipment, nacelle, blades, tower	\$.00	
	F43531_sc2_p2	B40279_sc2_p2
b. Switchgear, transformers	\$.00	
Geothermal		
	F43531_sc2_p3	B40279_sc2_p3
c. Heat pumps, other equipment used in geothermal energy systems	\$.00	
Hydro		
	F43531_sc2_p4	B40279_sc2_p4
d. Turbines and related components e.g., Francis, Kaplan, Pelton Exclude wave and tidal energy.	\$.00	
	F43531_sc2_p5	B40279_sc2_p5
e. Turbines and related components for wave and tidal energy.	\$.00	
	F43531_sc2_p6	B40279_sc2_p6
f. Generators, valves, gates, transformers, switchgear Include components.	\$.00	
Solar		
	F43531_sc2_p7	B40279_sc2_p7
g. Active solar heating equipment e.g., glazed flat plate collectors, glazed evacuated tubes and collectors, unglazed panels and collectors for heating pools, perfo- rated cladding for solar air heating	\$.00	
	F43531_sc2_p8	B40279_sc2_p8
h. Active solar-power generation equipment e.g., concentrating mirrors, receivers	\$.00	
	F43531_sc2_p9	B40279_sc2_p9
i. Photovoltaic energy equipment e.g., photovoltaic cells, modules, panels and arrays, inverters for solar photovoltaic systems	\$.00	
Nuclear energy		
	F43531_sc2_p10	B40279_sc2_p10
j. Nuclear reactors, or nuclear island components e.g., primary circuit; steam generators; primary side auxiliaries; nuclear island electrical supply; and instrumentation and controls . . .	\$.00	
	F43531_sc2_p11	B40279_sc2_p11
k. Nuclear fuel handling, processing, and fabrication equipment	\$.00	

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Manufacturer — clean energy equipment — export sales (continued)

Waste to Energy

l. Liquid organic waste to energy equipment

Sales of exported goods
manufactured in Canada
Rounded to the nearest
CAN\$

Number of units sold
outside of Canada

F43531_sc2_p12

B40279_sc2_p12

\$.00

F43531_sc2_p13

B40279_sc2_p13

m. Solid organic waste to energy equipment

\$.00

Other

n. All other clean energy equipment
Specify all other clean energy equipment:

F43531_sc2_p15

F43531_sc2_p14

B40279_sc2_p14

\$.00

Total

F43531_sc2_p16
\$.00

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Wholesaler — clean energy equipment — domestic sales of imported goods

10. Report sales for wholesale of imported goods and the number of units imported and sold within Canada.

Include machinery, equipment, products, and technologies.

	Sales for wholesale of imported goods Rounded to the nearest CAN\$	Number of units imported and sold within Canada
Wind		
	F43532_sc3_p1	B40281_sc3_p1
a. Wind turbine equipment, nacelle, blades, tower	\$.00	
	F43532_sc3_p2	B40281_sc3_p2
b. Switchgear, transformers	\$.00	
Geothermal		
	F43532_sc3_p3	B40281_sc3_p3
c. Heat pumps, other equipment used in geothermal energy systems	\$.00	
Hydro		
	F43532_sc3_p4	B40281_sc3_p4
d. Turbines and related components e.g., Francis, Kaplan, Pelton Exclude wave and tidal energy.	\$.00	
	F43532_sc3_p5	B40281_sc3_p5
e. Turbines and related components for wave and tidal energy.	\$.00	
	F43532_sc3_p6	B40281_sc3_p6
f. Generators, valves, gates, transformers, switchgear Include components.	\$.00	
Solar		
	F43532_sc3_p7	B40281_sc3_p7
g. Active solar heating equipment e.g., glazed flat plate collectors, glazed evacuated tubes and collectors, unglazed panels and collectors for heating pools, perforated cladding for solar air heating	\$.00	
	F43532_sc3_p8	B40281_sc3_p8
h. Active solar-power generation equipment e.g., concentrating mirrors, receivers	\$.00	
	F43532_sc3_p9	B40281_sc3_p9
i. Photovoltaic energy equipment e.g., photovoltaic cells, modules, panels and arrays, inverters for solar photovoltaic systems	\$.00	
Nuclear energy		
	F43532_sc3_p10	B40281_sc3_p10
j. Nuclear reactors, or nuclear island components e.g., primary circuit; steam generators; primary side auxiliaries; nuclear island electrical supply; and instrumentation and controls	\$.00	
	F43532_sc3_p11	B40281_sc3_p11
k. Nuclear fuel handling, processing, and fabrication equipment	\$.00	

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Wholesaler — clean energy equipment — domestic sales of imported goods (continued)

	Sales for wholesale of imported goods Rounded to the nearest CAN\$	Number of units imported and sold within Canada
Waste to Energy		
	F43532_sc3_p12	B40281_sc3_p12
l. Liquid organic waste to energy equipment	\$ <input type="text"/> .00	<input type="text"/>
	F43532_sc3_p13	B40281_sc3_p13
m. Solid organic waste to energy equipment	\$ <input type="text"/> .00	<input type="text"/>
Other		
n. All other clean energy equipment		
Specify all other clean energy equipment:		
F43532_sc3_p15	F43532_sc3_p14	B40281_sc3_p14
<input type="text"/>	\$ <input type="text"/> .00	<input type="text"/>
Total	F43532_sc3_p16 \$ <input type="text"/> .00	

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Wholesaler — clean energy equipment — domestic sales of domestic goods

11. Report sales for wholesale of domestic goods and the number of units sourced and sold within Canada.

Domestic goods are goods that are manufactured in Canada.

Include machinery, equipment, products, and technologies.

	Sales for wholesale of domestic goods Rounded to the nearest CAN\$	Number of units sourced and sold within Canada
Wind		
	F43532_sc1_p1	B40281_sc1_p1
a. Wind turbine equipment, nacelle, blades, tower	\$.00	
	F43532_sc1_p2	B40281_sc1_p2
b. Switchgear, transformers	\$.00	
Geothermal		
	F43532_sc1_p3	B40281_sc1_p3
c. Heat pumps, other equipment used in geothermal energy systems	\$.00	
Hydro		
	F43532_sc1_p4	B40281_sc1_p4
d. Turbines and related components e.g., Francis, Kaplan, Pelton Exclude wave and tidal energy.	\$.00	
	F43532_sc1_p5	B40281_sc1_p5
e. Turbines and related components for wave and tidal energy.	\$.00	
	F43532_sc1_p6	B40281_sc1_p6
f. Generators, valves, gates, transformers, switchgear Include components.	\$.00	
Solar		
	F43532_sc1_p7	B40281_sc1_p7
g. Active solar heating equipment e.g., glazed flat plate collectors, glazed evacuated tubes and collectors, unglazed panels and collectors for heating pools, perforated cladding for solar air heating	\$.00	
	F43532_sc1_p8	B40281_sc1_p8
h. Active solar-power generation equipment e.g., concentrating mirrors, receivers	\$.00	
	F43532_sc1_p9	B40281_sc1_p9
i. Photovoltaic energy equipment e.g., photovoltaic cells, modules, panels and arrays, inverters for solar photovoltaic systems	\$.00	
Nuclear energy		
	F43532_sc1_p10	B40281_sc1_p10
j. Nuclear reactors, or nuclear island components e.g., primary circuit; steam generators; primary side auxiliaries; nuclear island electrical supply; and instrumentation and controls	\$.00	
	F43532_sc1_p11	B40281_sc1_p11
k. Nuclear fuel handling, processing, and fabrication equipment	\$.00	

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Wholesaler — clean energy equipment — domestic sales of domestic goods (continued)

	Sales for wholesale of domestic goods Rounded to the nearest CAN\$	Number of units sourced and sold within Canada
Waste to Energy		
	F43532_sc1_p12	B40281_sc1_p12
l. Liquid organic waste to energy equipment	\$ <input type="text"/> .00	<input type="text"/>
	F43532_sc1_p13	B40281_sc1_p13
m. Solid organic waste to energy equipment	\$ <input type="text"/> .00	<input type="text"/>
Other		
n. All other clean energy equipment		
Specify all other clean energy equipment:		
F43532_sc1_p15	F43532_sc1_p14	B40281_sc1_p14
<input type="text"/>	\$ <input type="text"/> .00	<input type="text"/>
Total	F43532_sc1_p16 \$ <input type="text"/> .00	

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Wholesaler — clean energy equipment — sales of exported goods

12. Report sales for wholesale of exported goods and the number of units sold outside of Canada.

Include machinery, equipment, products, and technologies.

	Sales for wholesale of exported goods Rounded to the nearest CAN\$	Number of units sold outside of Canada
Wind		
	F43532_sc2_p1	B40281_sc2_p1
a. Wind turbine equipment, nacelle, blades, tower	\$.00	
	F43532_sc2_p2	B40281_sc2_p2
b. Switchgear, transformers	\$.00	
Geothermal		
	F43532_sc2_p3	B40281_sc2_p3
c. Heat pumps, other equipment used in geothermal energy systems	\$.00	
Hydro		
	F43532_sc2_p4	B40281_sc2_p4
d. Turbines and related components e.g., Francis, Kaplan, Pelton Exclude wave and tidal energy.	\$.00	
	F43532_sc2_p5	B40281_sc2_p5
e. Turbines and related components for wave and tidal energy. . .	\$.00	
	F43532_sc2_p6	B40281_sc2_p6
f. Generators, valves, gates, transformers, switchgear Include components.	\$.00	
Solar		
	F43532_sc2_p7	B40281_sc2_p7
g. Active solar heating equipment e.g., glazed flat plate collectors, glazed evacuated tubes and collectors, unglazed panels and collectors for heating pools, perfo- rated cladding for solar air heating	\$.00	
	F43532_sc2_p8	B40281_sc2_p8
h. Active solar-power generation equipment e.g., concentrating mirrors, receivers	\$.00	
	F43532_sc2_p9	B40281_sc2_p9
i. Photovoltaic energy equipment e.g., photovoltaic cells, modules, panels and arrays, inverters for solar photovoltaic systems	\$.00	
Nuclear energy		
	F43532_sc2_p10	B40281_sc2_p10
j. Nuclear reactors, or nuclear island components e.g., primary circuit; steam generators; primary side auxiliaries; nuclear island electrical supply; and instrumentation and controls . . .	\$.00	
	F43532_sc2_p11	B40281_sc2_p11
k. Nuclear fuel handling, processing, and fabrication equipment	\$.00	

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Wholesaler — clean energy equipment — sales of exported goods (continued)

	Sales for wholesale of exported goods Rounded to the nearest CAN\$	Number of units sold outside of Canada
Waste to Energy		
	F43532_sc2_p12	B40281_sc2_p12
l. Liquid organic waste to energy equipment	\$ <input type="text"/> .00	<input type="text"/>
	F43532_sc2_p13	B40281_sc2_p13
m. Solid organic waste to energy equipment	\$ <input type="text"/> .00	<input type="text"/>
Other		
n. All other clean energy equipment		
Specify all other clean energy equipment:		
F43532_sc2_p15	F43532_sc2_p14	B40281_sc2_p14
<input type="text"/>	\$ <input type="text"/> .00	<input type="text"/>
Total	F43532_sc2_p16 \$ <input type="text"/> .00	

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Manufacturer — non-hazardous waste management technologies — domestic sales

13. Report sales of goods manufactured in Canada and the number of units sold within Canada.

Include machinery, equipment, products, and technologies.

	Sales of goods manufactured in Canada Rounded to the nearest CAN\$	Number of units sold within Canada
Collection		
a. Collection vehicles for non-hazardous waste, recycling and organics	F43531_sc1_p17 \$00	B40279_sc1_p17
b. Containers for collection of non-hazardous waste, recycling and organics	F43531_sc1_p18 \$00	B40279_sc1_p18
c. Recycling equipment	F43531_sc1_p19 \$00	B40279_sc1_p19
Separating and sorting		
d. Air classifiers, magnetic separators, eddy current separators	F43531_sc1_p20 \$00	B40279_sc1_p20
Compaction		
e. Balers, densifiers, compactors, shredders, granulators	F43531_sc1_p21 \$00	B40279_sc1_p21
Centralized biological reprocessing		
f. Centralized composters e.g., turned-windrow, aerated static pile, mechanically agitated in-vessel	F43531_sc1_p22 \$00	B40279_sc1_p22
Disposal		
g. Equipment for landfill leachate collection and containment ...	F43531_sc1_p23 \$00	B40279_sc1_p23
h. Equipment for landfill gas management	F43531_sc1_p24 \$00	B40279_sc1_p24
i. Equipment for thermal treatment e.g., rotary kiln incinerator, mass burning, starved air incinerator, fluidized bed	F43531_sc1_p25 \$00	B40279_sc1_p25
Other		
j. All other non-hazardous waste management technologies Specify all other non-hazardous waste management technologies:		
F43531_sc1_p27	F43531_sc1_p26 \$00	B40279_sc1_p26
Total	F43531_sc1_p28 \$00	

Manufacturer — non-hazardous waste management technologies — export sales

14. Report sales of exported goods manufactured in Canada and the number of units sold outside of Canada.

Include machinery, equipment, products, and technologies.

	Sales of exported goods manufactured in Canada Rounded to the nearest CAN\$	Number of units sold outside of Canada
Collection		
a. Collection vehicles for non-hazardous waste, recycling and organics	F43531_sc2_p17 \$00	B40279_sc2_p17
b. Containers for collection of non-hazardous waste, recycling and organics	F43531_sc2_p18 \$00	B40279_sc2_p18
c. Recycling equipment	F43531_sc2_p19 \$00	B40279_sc2_p19
Separating and sorting		
d. Air classifiers, magnetic separators, eddy current separators	F43531_sc2_p20 \$00	B40279_sc2_p20
Compaction		
e. Balers, densifiers, compactors, shredders, granulators	F43531_sc2_p21 \$00	B40279_sc2_p21
Centralized biological reprocessing		
f. Centralized composters e.g., turned-windrow, aerated static pile, mechanically agitated in-vessel	F43531_sc2_p22 \$00	B40279_sc2_p22
Disposal		
g. Equipment for landfill leachate collection and containment ...	F43531_sc2_p23 \$00	B40279_sc2_p23
h. Equipment for landfill gas management	F43531_sc2_p24 \$00	B40279_sc2_p24
i. Equipment for thermal treatment e.g., rotary kiln incinerator, mass burning, starved air incinerator, fluidized bed	F43531_sc2_p25 \$00	B40279_sc2_p25
Other		
j. All other non-hazardous waste management technologies Specify all other non-hazardous waste management technologies: F43531_sc2_p27	F43531_sc2_p26 \$00	B40279_sc2_p26
Total	F43531_sc2_p28 \$00	

Wholesaler — non-hazardous waste management technologies — domestic sales of imported goods

15. Report sales for wholesale of imported goods and the number of units imported and sold within Canada.

Include machinery, equipment, products, and technologies.

	Sales for wholesale of imported goods Rounded to the nearest CAN\$	Number of units imported and sold within Canada
Collection		
a. Collection vehicles for non-hazardous waste, recycling and organics	F43532_sc3_p17 \$00	B40281_sc3_p17
b. Containers for collection of non-hazardous waste, recycling and organics	F43532_sc3_p18 \$00	B40281_sc3_p18
c. Recycling equipment	F43532_sc3_p19 \$00	B40281_sc3_p19
Separating and sorting		
d. Air classifiers, magnetic separators, eddy current separators	F43532_sc3_p20 \$00	B40281_sc3_p20
Compaction		
e. Balers, densifiers, compactors, shredders, granulators	F43532_sc3_p21 \$00	B40281_sc3_p21
Centralized biological reprocessing		
f. Centralized composters e.g., turned-windrow, aerated static pile, mechanically agitated in-vessel	F43532_sc3_p22 \$00	B40281_sc3_p22
Disposal		
g. Equipment for landfill leachate collection and containment ...	F43532_sc3_p23 \$00	B40281_sc3_p23
h. Equipment for landfill gas management	F43532_sc3_p24 \$00	B40281_sc3_p24
i. Equipment for thermal treatment e.g., rotary kiln incinerator, mass burning, starved air incinerator, fluidized bed	F43532_sc3_p25 \$00	B40281_sc3_p25
Other		
j. All other non-hazardous waste management technologies Specify all other non-hazardous waste management technologies:		
F43532_sc3_p27	F43532_sc3_p26 \$00	B40281_sc3_p26
Total	F43532_sc3_p28 \$00	

Wholesaler — non-hazardous waste management technologies — domestic sales of domestic goods

16. Report sales for wholesale of domestic goods and the number of units sourced and sold within Canada.

Include machinery, equipment, products, and technologies.

	Sales for wholesale of domestic goods Rounded to the nearest CAN\$	Number of units sourced and sold within Canada
Collection		
a. Collection vehicles for non-hazardous waste, recycling and organics	F43532_sc1_p17 \$.00	B40281_sc1_p17
b. Containers for collection of non-hazardous waste, recycling and organics	F43532_sc1_p18 \$.00	B40281_sc1_p18
c. Recycling equipment	F43532_sc1_p19 \$.00	B40281_sc1_p19
Separating and sorting		
d. Air classifiers, magnetic separators, eddy current separators	F43532_sc1_p20 \$.00	B40281_sc1_p20
Compaction		
e. Balers, densifiers, compactors, shredders, granulators	F43532_sc1_p21 \$.00	B40281_sc1_p21
Centralized biological reprocessing		
f. Centralized composters e.g., turned-windrow, aerated static pile, mechanically agitated in-vessel	F43532_sc1_p22 \$.00	B40281_sc1_p22
Disposal		
g. Equipment for landfill leachate collection and containment	F43532_sc1_p23 \$.00	B40281_sc1_p23
h. Equipment for landfill gas management	F43532_sc1_p24 \$.00	B40281_sc1_p24
i. Equipment for thermal treatment e.g., rotary kiln incinerator, mass burning, starved air incinerator, fluidized bed	F43532_sc1_p25 \$.00	B40281_sc1_p25
Other		
j. All other non-hazardous waste management technologies Specify all other non-hazardous waste management technologies:		
F43532_sc1_p27	F43532_sc1_p26 \$.00	B40281_sc1_p26
Total	F43532_sc1_p28 \$.00	

Wholesaler — non-hazardous waste management technologies — sales of exported goods

17. Report sales for wholesale of exported goods and the number of units sold outside of Canada.

Include machinery, equipment, products, and technologies.

	Sales for wholesale of exported goods Rounded to the nearest CAN\$	Number of units sold outside of Canada
Collection		
a. Collection vehicles for non-hazardous waste, recycling and organics	F43532_sc2_p17 \$00	B40281_sc2_p17
b. Containers for collection of non-hazardous waste, recycling and organics	F43532_sc2_p18 \$00	B40281_sc2_p18
c. Recycling equipment	F43532_sc2_p19 \$00	B40281_sc2_p19
Separating and sorting		
d. Air classifiers, magnetic separators, eddy current separators	F43532_sc2_p20 \$00	B40281_sc2_p20
Compaction		
e. Balers, densifiers, compactors, shredders, granulators	F43532_sc2_p21 \$00	B40281_sc2_p21
Centralized biological reprocessing		
f. Centralized composters e.g., turned-windrow, aerated static pile, mechanically agitated in-vessel	F43532_sc2_p22 \$00	B40281_sc2_p22
Disposal		
g. Equipment for landfill leachate collection and containment ...	F43532_sc2_p23 \$00	B40281_sc2_p23
h. Equipment for landfill gas management	F43532_sc2_p24 \$00	B40281_sc2_p24
i. Equipment for thermal treatment e.g., rotary kiln incinerator, mass burning, starved air incinerator, fluidized bed	F43532_sc2_p25 \$00	B40281_sc2_p25
Other		
j. All other non-hazardous waste management technologies Specify all other non-hazardous waste management technologies:		
F43532_sc2_p27	F43532_sc2_p26 \$00	B40281_sc2_p26
Total	F43532_sc2_p28 \$00	

Manufacturer — industrial air pollution or flue gas management technologies — domestic sales

18. Report sales of goods manufactured in Canada and the number of units sold within Canada.
Include machinery, equipment, products, and technologies.

	Sales of goods manufactured in Canada Rounded to the nearest CAN\$	Number of units sold within Canada
Physical or chemical treatment		
a. Filters and cyclones e.g., membrane, baghouse, granular bed	F43531_sc1_p29 \$.00	B40279_sc1_p29
b. Electrostatic precipitators	F43531_sc1_p30 \$.00	B40279_sc1_p30
c. Scrubbers e.g., venturi, spray tower, mechanical, plate tower . . .	F43531_sc1_p31 \$.00	B40279_sc1_p31
d. Waste gas absorbers and waste gas flare or incinerators	F43531_sc1_p32 \$.00	B40279_sc1_p32
e. Industrial catalytic converters	F43531_sc1_p33 \$.00	B40279_sc1_p33
f. Pollutant recovery condensers	F43531_sc1_p34 \$.00	B40279_sc1_p34
g. Adsorbers	F43531_sc1_p35 \$.00	B40279_sc1_p35
Other		
h. All other industrial air pollution or flue gas management technologies Specify all other industrial air pollution or flue gas management technologies: F43531_sc1_p37	F43531_sc1_p36 \$.00	B40279_sc1_p36
Total	F43531_sc1_p38 \$.00	

Manufacturer — industrial air pollution or flue gas management technologies — export sales

19. Report sales of exported goods manufactured in Canada and the number of units sold outside of Canada.
Include machinery, equipment, products, and technologies.

	Sales of exported goods manufactured in Canada Rounded to the nearest CAN\$	Number of units sold outside of Canada
Physical or chemical treatment		
a. Filters and cyclones e.g., membrane, baghouse, granular bed	F43531_sc2_p29 \$.00	B40279_sc2_p29
b. Electrostatic precipitator	F43531_sc2_p30 \$.00	B40279_sc2_p30
c. Scrubbers e.g., venturi, spray tower, mechanical, plate tower	F43531_sc2_p31 \$.00	B40279_sc2_p31
d. Waste gas absorber and waste gas flare or incinerator	F43531_sc2_p32 \$.00	B40279_sc2_p32
e. Industrial catalytic converter	F43531_sc2_p33 \$.00	B40279_sc2_p33
f. Pollutant recovery condenser.	F43531_sc2_p34 \$.00	B40279_sc2_p34
g. Adsorbers	F43531_sc2_p35 \$.00	B40279_sc2_p35
Other		
h. All other industrial air pollution or flue gas management technologies Specify all other industrial air pollution or flue gas management technologies:	F43531_sc2_p36 \$.00	B40279_sc2_p36
Total	F43531_sc2_p38 \$.00	

Wholesaler — industrial air pollution or flue gas management technologies — domestic sales of imported goods

20. Report sales for wholesale of imported goods and the number of units imported and sold within Canada.

Include machinery, equipment, products, and technologies.

	Sales for wholesale of imported goods Rounded to the nearest CAN\$	Number of units imported and sold within Canada
Physical or chemical treatment		
a. Filters and cyclones e.g., membrane, baghouse, granular bed	F43532_sc3_p29 \$.00	B40281_sc3_p29
b. Electrostatic precipitators	F43532_sc3_p30 \$.00	B40281_sc3_p30
c. Scrubbers e.g., venturi, spray tower, mechanical, plate tower, packed tower . . .	F43532_sc3_p31 \$.00	B40281_sc3_p31
d. Waste gas absorbers and waste gas flare or incinerators	F43532_sc3_p32 \$.00	B40281_sc3_p32
e. Industrial catalytic converters	F43532_sc3_p33 \$.00	B40281_sc3_p33
f. Pollutant recovery condensers	F43532_sc3_p34 \$.00	B40281_sc3_p34
g. Adsorbers	F43532_sc3_p35 \$.00	B40281_sc3_p35
Other		
h. All other industrial air pollution or flue gas management technologies Specify all other industrial air pollution or flue gas management technologies:		
F43532_sc3_p37	F43532_sc3_p36 \$.00	B40281_sc3_p36
Total	F43532_sc3_p38 \$.00	

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Wholesaler — industrial air pollution or flue gas management technologies — domestic sales of domestic goods

21. Report sales for wholesale of domestic goods and the number of units sourced and sold within Canada.
Include machinery, equipment, products, and technologies.

	Sales for wholesale of domestic goods Rounded to the nearest CAN\$	Number of units sourced and sold within Canada
Physical or chemical treatment		
a. Filters and cyclones e.g., membrane, baghouse, granular bed	F43532_sc1_p29 \$.00	B40281_sc1_p29
b. Electrostatic precipitators	F43532_sc1_p30 \$.00	B40281_sc1_p30
c. Scrubbers e.g., venturi, spray tower, mechanical, plate tower, packed tower	F43532_sc1_p31 \$.00	B40281_sc1_p31
d. Waste gas absorbers and waste gas flare or incinerators	F43532_sc1_p32 \$.00	B40281_sc1_p32
e. Industrial catalytic converters	F43532_sc1_p33 \$.00	B40281_sc1_p33
f. Pollutant recovery condensers	F43532_sc1_p34 \$.00	B40281_sc1_p34
g. Adsorbers	F43532_sc1_p35 \$.00	B40281_sc1_p35
Other		
h. All other industrial air pollution or flue gas management technologies Specify all other industrial air pollution or flue gas management technologies:	F43532_sc1_p36 \$.00	B40281_sc1_p36
Total	F43532_sc1_p38 \$.00	

Wholesaler — industrial air pollution or flue gas management technologies — sales of exported goods

22. Report sales for wholesale of exported goods and the number of units sold outside of Canada.

Include machinery, equipment, products, and technologies.

	Sales for wholesale of exported goods Rounded to the nearest CAN\$	Number of units sold outside of Canada
Physical or chemical treatment		
a. Filters and cyclones e.g., membrane, baghouse, granular bed	F43532_sc2_p29 \$.00	B40281_sc2_p29
b. Electrostatic precipitators	F43532_sc2_p30 \$.00	B40281_sc2_p30
c. Scrubbers e.g., venturi, spray tower, mechanical, plate tower, packed tower . . .	F43532_sc2_p31 \$.00	B40281_sc2_p31
d. Waste gas absorbers and waste gas flare or incinerators	F43532_sc2_p32 \$.00	B40281_sc2_p32
e. Industrial catalytic converters	F43532_sc2_p33 \$.00	B40281_sc2_p33
f. Pollutant recovery condensers	F43532_sc2_p34 \$.00	B40281_sc2_p34
g. Adsorbers	F43532_sc2_p35 \$.00	B40281_sc2_p35
Other		
h. All other industrial air pollution or flue gas management technologies Specify all other industrial air pollution or flue gas management technologies:	F43532_sc2_p36 \$.00	B40281_sc2_p36
Total	F43532_sc2_p38 \$.00	

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Manufacturer — monitoring and reduction of greenhouse gases and air pollution technologies — domestic sales

23. Report sales of goods manufactured in Canada and the number of units sold within Canada.
Include machinery, equipment, products, and technologies.

	Sales of goods manufactured in Canada Rounded to the nearest CAN\$	Number of units sold within Canada
Greenhouse gas control technologies		
a. Clean coal processing technologies	F43531_sc1_p39 \$00	B40279_sc1_p39
b. Carbon capture and sequestration technologies and storage	F43531_sc1_p40 \$00	B40279_sc1_p40
c. All other greenhouse gas control technologies Specify all other greenhouse gas control technologies:	F43531_sc1_p41 \$00	B40279_sc1_p41
Air quality and air pollution technologies		
d. Low emitting burners e.g., low NOx, low SOx	F43531_sc1_p43 \$00	B40279_sc1_p43
e. All other air quality and air pollution technologies Specify all other air quality and air pollution technologies:	F43531_sc1_p44 \$00	B40279_sc1_p44
Monitoring and compliance technologies		
f. Leak detection technologies e.g., ultrasonic detection and measurement, gas leak detection	F43531_sc1_p46 \$00	B40279_sc1_p46
g. Environmental measurement apparatus	F43531_sc1_p47 \$00	B40279_sc1_p47
h. All other monitoring and compliance technologies Specify all other monitoring and compliance technologies:	F43531_sc1_p48 \$00	B40279_sc1_p48
Other		
i. All other monitoring and reduction of greenhouse gases and air pollution technologies Specify all other monitoring and reduction of greenhouse gases and air pollution technologies:	F43531_sc1_p50 \$00	B40279_sc1_p50
Total	F43531_sc1_p52 \$00	

Manufacturer — monitoring and reduction of greenhouse gases and air pollution technologies — export sales

24. Report sales of exported goods manufactured in Canada and the number of units sold outside of Canada.

Include machinery, equipment, products, and technologies.

	Sales of exported goods manufactured in Canada Rounded to the nearest CAN\$	Number of units sold outside of Canada
Greenhouse gas control technologies		
a. Clean coal processing technologies	F43531_sc2_p39 \$00	B40279_sc2_p39
b. Carbon capture and sequestration technologies and storage	F43531_sc2_p40 \$00	B40279_sc2_p40
c. All other greenhouse gas control technologies Specify all other greenhouse gas control technologies:		
F43531_sc2_p42	F43531_sc2_p41 \$00	B40279_sc2_p41
Air quality and air pollution technologies		
d. Low emitting burners e.g., low NOx, low SOx	F43531_sc2_p43 \$00	B40279_sc2_p43
e. All other air quality and air pollution technologies Specify all other air quality and air pollution technologies:		
F43531_sc2_p45	F43531_sc2_p44 \$00	B40279_sc2_p44
Monitoring and compliance technologies		
f. Leak detection technologies e.g., ultrasonic detection and measurement, gas leak detection	F43531_sc2_p46 \$00	B40279_sc2_p46
g. Environmental measurement apparatus	F43531_sc2_p47 \$00	B40279_sc2_p47
h. All other monitoring and compliance technologies Specify all other monitoring and compliance technologies:		
F43531_sc2_p49	F43531_sc2_p48 \$00	B40279_sc2_p48
Other		
i. All other monitoring and reduction of greenhouse gases and air pollution technologies Specify all other monitoring and reduction of greenhouse gases and air pollution technologies:		
F43531_sc2_p51	F43531_sc2_p50 \$00	B40279_sc2_p50
Total	F43531_sc2_p52 \$00	

Wholesaler — monitoring and reduction of greenhouse gases and air pollution technologies — domestic sales of imported goods

25. Report sales for wholesale of imported goods and the number of units imported and sold within Canada.

Include machinery, equipment, products, and technologies.

	Sales for wholesale of imported goods Rounded to the nearest CAN\$	Number of units imported and sold within Canada
Greenhouse gas control technologies		
a. Clean coal processing technologies	F43532_sc3_p39 \$00	B40281_sc3_p39
b. Carbon capture and sequestration technologies and storage	F43532_sc3_p40 \$00	B40281_sc3_p40
c. All other greenhouse gas control technologies Specify all other greenhouse gas control technologies:		
F43532_sc3_p42	F43532_sc3_p41 \$00	B40281_sc3_p41
Air quality and air pollution technologies		
d. Low emitting burners e.g., low NOx, low SOx	F43532_sc3_p43 \$00	B40281_sc3_p43
e. All other air quality and air pollution technologies Specify all other air quality and air pollution technologies:		
F43532_sc3_p45	F43532_sc3_p44 \$00	B40281_sc3_p44
Monitoring and compliance technologies		
f. Leak detection technologies e.g., ultrasonic detection and measurement, gas leak detection	F43532_sc3_p46 \$00	B40281_sc3_p46
g. Environmental measurement apparatus	F43532_sc3_p47 \$00	B40281_sc3_p47
h. All other monitoring and compliance technologies Specify all other monitoring and compliance technologies:		
F43532_sc3_p49	F43532_sc3_p48 \$00	B40281_sc3_p48
Other		
i. All other monitoring and reduction of greenhouse gases and air pollution technologies Specify all other monitoring and reduction of greenhouse gases and air pollution technologies:		
F43532_sc3_p51	F43532_sc3_p50 \$00	B40281_sc3_p50
Total	F43532_sc3_p52 \$00	

Wholesaler — monitoring and reduction of greenhouse gases and air pollution technologies — domestic sales of domestic goods

26. Report sales for wholesale of domestic goods and the number of units sourced and sold within Canada.

Include machinery, equipment, products, and technologies.

	Sales for wholesale of domestic goods Rounded to the nearest CAN\$	Number of units sourced and sold within Canada
Greenhouse gas control technologies		
a. Clean coal processing technologies	F43532_sc1_p39 \$00	B40281_sc1_p39
b. Carbon capture and sequestration technologies and storage	F43532_sc1_p40 \$00	B40281_sc1_p40
c. All other greenhouse gas control technologies Specify all other greenhouse gas control technologies:	F43532_sc1_p41 \$00	B40281_sc1_p41
F43532_sc1_p42		
Air quality and air pollution technologies		
d. Low emitting burners e.g., low NOx, low SOx	F43532_sc1_p43 \$00	B40281_sc1_p43
e. All other air quality and air pollution technologies Specify all other air quality and air pollution technologies:	F43532_sc1_p44 \$00	B40281_sc1_p44
F43532_sc1_p45		
Monitoring and compliance technologies		
f. Leak detection technologies e.g., ultrasonic detection and measurement, gas leak detection	F43532_sc1_p46 \$00	B40281_sc1_p46
g. Environmental measurement apparatus	F43532_sc1_p47 \$00	B40281_sc1_p47
h. All other monitoring and compliance technologies Specify all other monitoring and compliance technologies:	F43532_sc1_p48 \$00	B40281_sc1_p48
F43532_sc1_p49		
Other		
i. All other monitoring and reduction of greenhouse gases and air pollution technologies Specify all other monitoring and reduction of greenhouse gases and air pollution technologies:	F43532_sc1_p50 \$00	B40281_sc1_p50
F43532_sc1_p51		
Total	F43532_sc1_p52 \$00	

Wholesaler — monitoring and reduction of greenhouse gases and air pollution technologies — sales of exported goods

27. Report sales for wholesale of exported goods and the number of units sold outside of Canada.

Include machinery, equipment, products, and technologies.

	Sales for wholesale of exported goods Rounded to the nearest CAN\$	Number of units sold outside of Canada
Greenhouse gas control technologies		
	F43532_sc2_p39	B40281_sc2_p39
a. Clean coal processing technologies	\$ <input type="text"/> .00	<input type="text"/>
	F43532_sc2_p40	B40281_sc2_p40
b. Carbon capture and sequestration technologies and storage	\$ <input type="text"/> .00	<input type="text"/>
c. All other greenhouse gas control technologies Specify all other greenhouse gas control technologies: F43532_sc2_p42	F43532_sc2_p41 <input type="text"/> \$ <input type="text"/> .00	B40281_sc2_p41 <input type="text"/>
Air quality and air pollution technologies		
d. Low emitting burners e.g., low NOx, low SOx	F43532_sc2_p43 \$ <input type="text"/> .00	B40281_sc2_p43 <input type="text"/>
e. All other air quality and air pollution technologies Specify all other air quality and air pollution technologies: F43532_sc2_p45	F43532_sc2_p44 <input type="text"/> \$ <input type="text"/> .00	B40281_sc2_p44 <input type="text"/>
Monitoring and compliance technologies		
f. Leak detection technologies e.g., ultrasonic detection and measurement, gas leak detection	F43532_sc2_p46 \$ <input type="text"/> .00	B40281_sc2_p46 <input type="text"/>
	F43532_sc2_p47	B40281_sc2_p47
g. Environmental measurement apparatus	\$ <input type="text"/> .00	<input type="text"/>
h. All other monitoring and compliance technologies Specify all other monitoring and compliance technologies: F43532_sc2_p49	F43532_sc2_p48 <input type="text"/> \$ <input type="text"/> .00	B40281_sc2_p48 <input type="text"/>
Other		
i. All other monitoring and reduction of greenhouse gases and air pollution technologies Specify all other monitoring and reduction of greenhouse gases and air pollution technologies: F43532_sc2_p51	F43532_sc2_p50 <input type="text"/> \$ <input type="text"/> .00	B40281_sc2_p50 <input type="text"/>
	F43532_sc2_p52	
Total	\$ <input type="text"/> .00	

Manufacturer — industrial wastewater and municipal sewage treatment technologies — domestic sales

28. Report sales of goods manufactured in Canada and the number of units sold within Canada.
Include machinery, equipment, products, and technologies.

	Sales of goods manufactured in Canada Rounded to the nearest CAN\$	Number of units sold within Canada
Physical or chemical treatment of industrial wastewater		
a. Tanks and related components for dilution or equalization, neutralization, sedimentation, chemical precipitation	F43531_sc1_p53 \$.00	B40279_sc1_p53
b. Oil separator, skimmers	F43531_sc1_p54 \$.00	B40279_sc1_p54
c. Ion exchange beds	F43531_sc1_p55 \$.00	B40279_sc1_p55
d. Air stripping tanks or columns	F43531_sc1_p56 \$.00	B40279_sc1_p56
e. Liquid extraction columns	F43531_sc1_p57 \$.00	B40279_sc1_p57
f. Micro-porous membrane adsorbers	F43531_sc1_p58 \$.00	B40279_sc1_p58
g. Equipment for advanced chemical oxidation or UV radiation	F43531_sc1_p59 \$.00	B40279_sc1_p59
h. Pre-treatment filters	F43531_sc1_p60 \$.00	B40279_sc1_p60
i. Chemicals used in industrial wastewater treatment	F43531_sc1_p61 \$.00	B40279_sc1_p61
Centralized physical or chemical and biological treatment of municipal sewage		
j. Intake screens	F43531_sc1_p62 \$.00	B40279_sc1_p62
k. Air sparging grit chambers	F43531_sc1_p63 \$.00	B40279_sc1_p63
l. Oil separators, skimmers	F43531_sc1_p64 \$.00	B40279_sc1_p64
m. Tanks and related components for sedimentation, chemical precipitation or flocculation, aerobic biological treatment, aeration, clarification, disinfection	F43531_sc1_p65 \$.00	B40279_sc1_p65
n. Membrane bioreactors	F43531_sc1_p66 \$.00	B40279_sc1_p66
o. Trickling filters	F43531_sc1_p67 \$.00	B40279_sc1_p67
p. Anaerobic digesters	F43531_sc1_p68 \$.00	B40279_sc1_p68
q. Chemicals used in municipal sewage treatment	F43531_sc1_p69 \$.00	B40279_sc1_p69

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**Manufacturer — industrial wastewater and municipal sewage treatment technologies
— domestic sales (continued)**

**Sales of goods
manufactured in Canada
Rounded to the nearest
CAN\$**

**Number of units
sold within
Canada**

Other

- r. All other industrial wastewater and municipal sewage treatment technologies
Specify all other industrial wastewater and municipal sewage treatment technologies:

F43531_sc1_p71

F43531_sc1_p70

B40279_sc1_p70

..... \$.00

F43531_sc1_p72

Total

\$.00

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Manufacturer — industrial wastewater and municipal sewage treatment technologies — export sales

29. Report sales of exported goods manufactured in Canada and the number of units sold outside of Canada.

Include machinery, equipment, products, and technologies.

	Sales of exported goods manufactured in Canada Rounded to the nearest CAN\$	Number of units sold outside of Canada
Physical or chemical treatment of industrial wastewater		
a. Tanks and related components for dilution or equalization, neutralization, sedimentation, chemical precipitation	F43531_sc2_p53 \$.00	B40279_sc2_p53
b. Oil separator, skimmers	F43531_sc2_p54 \$.00	B40279_sc2_p54
c. Ion exchange beds	F43531_sc2_p55 \$.00	B40279_sc2_p55
d. Air stripping tanks or columns	F43531_sc2_p56 \$.00	B40279_sc2_p56
e. Liquid extraction columns	F43531_sc2_p57 \$.00	B40279_sc2_p57
f. Micro-porous membrane adsorbers	F43531_sc2_p58 \$.00	B40279_sc2_p58
g. Equipment for advanced chemical oxidation or UV radiation	F43531_sc2_p59 \$.00	B40279_sc2_p59
h. Pre-treatment filters	F43531_sc2_p60 \$.00	B40279_sc2_p60
i. Chemicals used in industrial wastewater treatment	F43531_sc2_p61 \$.00	B40279_sc2_p61
Centralized physical or chemical and biological treatment of municipal sewage		
j. Intake screens	F43531_sc2_p62 \$.00	B40279_sc2_p62
k. Air sparging grit chambers	F43531_sc2_p63 \$.00	B40279_sc2_p63
l. Oil separators, skimmers	F43531_sc2_p64 \$.00	B40279_sc2_p64
m. Tanks and related components for sedimentation, chemical precipitation or flocculation, aerobic biological treatment, aeration, clarification, disinfection	F43531_sc2_p65 \$.00	B40279_sc2_p65
n. Membrane bioreactors	F43531_sc2_p66 \$.00	B40279_sc2_p66
o. Trickling filters	F43531_sc2_p67 \$.00	B40279_sc2_p67
p. Anaerobic digesters	F43531_sc2_p68 \$.00	B40279_sc2_p68
q. Chemicals used in municipal sewage treatment	F43531_sc2_p69 \$.00	B40279_sc2_p69

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Manufacturer — industrial wastewater and municipal sewage treatment technologies — export sales (continued)

**Sales of exported goods
manufactured in Canada
Rounded to the nearest
CAN\$**

**Number of units
sold outside
of Canada**

Other

r. All other industrial wastewater and municipal sewage treatment technologies

Specify all other industrial wastewater and municipal sewage treatment technologies:

F43531_sc2_p71

F43531_sc2_p70

B40279_sc2_p70

..... \$.00

F43531_sc2_p72

Total

\$.00

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Wholesaler — industrial wastewater and municipal sewage treatment technologies — domestic sales of imported goods

30. Report sales for wholesale of imported goods and the number of units imported and sold within Canada.

Include machinery, equipment, products, and technologies.

	Sales for wholesale of imported goods Rounded to the nearest CAN\$	Number of units imported and sold within Canada
Physical or chemical treatment of industrial wastewater		
a. Tanks and related components for dilution or equalization, neutralization, sedimentation, chemical precipitation	F43532_sc3_p53 \$.00	B40281_sc3_p53
b. Oil separator, skimmers	F43532_sc3_p54 \$.00	B40281_sc3_p54
c. Ion exchange beds	F43532_sc3_p55 \$.00	B40281_sc3_p55
d. Air stripping tanks or columns	F43532_sc3_p56 \$.00	B40281_sc3_p56
e. Liquid extraction columns	F43532_sc3_p57 \$.00	B40281_sc3_p57
f. Micro-porous membrane adsorbers	F43532_sc3_p58 \$.00	B40281_sc3_p58
g. Equipment for advanced chemical oxidation or UV radiation	F43532_sc3_p59 \$.00	B40281_sc3_p59
h. Pre-treatment filters	F43532_sc3_p60 \$.00	B40281_sc3_p60
i. Chemicals used in industrial wastewater treatment	F43532_sc3_p61 \$.00	B40281_sc3_p61
Centralized physical or chemical and biological treatment of municipal sewage		
j. Intake screens	F43532_sc3_p62 \$.00	B40281_sc3_p62
k. Air sparging grit chambers	F43532_sc3_p63 \$.00	B40281_sc3_p63
l. Oil separators, skimmers	F43532_sc3_p64 \$.00	B40281_sc3_p64
m. Tanks and related components for sedimentation, chemical precipitation or flocculation, aerobic biological treatment, aeration, clarification, disinfection	F43532_sc3_p65 \$.00	B40281_sc3_p65
n. Membrane bioreactors	F43532_sc3_p66 \$.00	B40281_sc3_p66
o. Trickling filters	F43532_sc3_p67 \$.00	B40281_sc3_p67
p. Anaerobic digesters	F43532_sc3_p68 \$.00	B40281_sc3_p68
q. Chemicals used in municipal sewage treatment	F43532_sc3_p69 \$.00	B40281_sc3_p69

...continues on next page

Wholesaler — industrial wastewater and municipal sewage treatment technologies — domestic sales of imported goods (continued)

**Sales for wholesale of
imported goods
Rounded to the nearest
CAN\$**

**Number of units
imported and sold
within Canada**

Other

- r. All other industrial wastewater and municipal sewage treatment technologies
Specify all other industrial wastewater and municipal sewage treatment technologies:

F43532_sc3_p71

F43532_sc3_p70

B40281_sc3_p70

..... \$.00

F43532_sc3_p72

Total

\$.00

INFORMATION COPY
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Wholesaler — industrial wastewater and municipal sewage treatment technologies — domestic sales of domestic goods

31. Report sales for wholesale of domestic goods and the number of units sourced and sold within Canada.

Include machinery, equipment, products, and technologies.

	Sales for wholesale of domestic goods Rounded to the nearest CAN\$	Number of units sourced and sold within Canada
Physical or chemical treatment of industrial wastewater		
a. Tanks and related components for dilution or equalization, neutralization, sedimentation, chemical precipitation	F43532_sc1_p53 \$.00	B40281_sc1_p53
b. Oil separator, skimmers	F43532_sc1_p54 \$.00	B40281_sc1_p54
c. Ion exchange beds	F43532_sc1_p55 \$.00	B40281_sc1_p55
d. Air stripping tanks or columns	F43532_sc1_p56 \$.00	B40281_sc1_p56
e. Liquid extraction columns	F43532_sc1_p57 \$.00	B40281_sc1_p57
f. Micro-porous membrane adsorbers	F43532_sc1_p58 \$.00	B40281_sc1_p58
g. Equipment for advanced chemical oxidation or UV radiation	F43532_sc1_p59 \$.00	B40281_sc1_p59
h. Pre-treatment filters	F43532_sc1_p60 \$.00	B40281_sc1_p60
i. Chemicals used in industrial wastewater treatment	F43532_sc1_p61 \$.00	B40281_sc1_p61
Centralized physical or chemical and biological treatment of municipal sewage		
j. Intake screens	F43532_sc1_p62 \$.00	B40281_sc1_p62
k. Air sparging grit chambers	F43532_sc1_p63 \$.00	B40281_sc1_p63
l. Oil separators, skimmers	F43532_sc1_p64 \$.00	B40281_sc1_p64
m. Tanks and related components for sedimentation, chemical precipitation or flocculation, aerobic biological treatment, aeration, clarification, disinfection	F43532_sc1_p65 \$.00	B40281_sc1_p65
n. Membrane bioreactors	F43532_sc1_p66 \$.00	B40281_sc1_p66
o. Trickling filters	F43532_sc1_p67 \$.00	B40281_sc1_p67
p. Anaerobic digesters	F43532_sc1_p68 \$.00	B40281_sc1_p68
q. Chemicals used in municipal sewage treatment	F43532_sc1_p69 \$.00	B40281_sc1_p69

...continues on next page

Wholesaler — industrial wastewater and municipal sewage treatment technologies — domestic sales of domestic goods (continued)

Sales for wholesale of domestic goods
Rounded to the nearest
CAN\$

Number of units sourced and sold within Canada

Other

- r. All other industrial wastewater and municipal sewage treatment technologies
 Specify all other industrial wastewater and municipal sewage treatment technologies:

F43532_sc1_p71

F43532_sc1_p70

B40281_sc1_p70

..... \$.00

F43532_sc1_p72

Total

\$.00

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Wholesaler — industrial wastewater and municipal sewage treatment technologies — sales of exported goods

32. Report sales for wholesale of exported goods and the number of units sold outside of Canada.

Include machinery, equipment, products, and technologies.

	Sales for wholesale of exported goods Rounded to the nearest CAN\$	Number of units sold outside of Canada
Physical or chemical treatment of industrial wastewater		
a. Tanks and related components for dilution or equalization, neutralization, sedimentation, chemical precipitation	F43532_sc2_p53 \$.00	B40281_sc2_p53
b. Oil separator, skimmers	F43532_sc2_p54 \$.00	B40281_sc2_p54
c. Ion exchange beds	F43532_sc2_p55 \$.00	B40281_sc2_p55
d. Air stripping tanks or columns	F43532_sc2_p56 \$.00	B40281_sc2_p56
e. Liquid extraction columns	F43532_sc2_p57 \$.00	B40281_sc2_p57
f. Micro-porous membrane adsorbers	F43532_sc2_p58 \$.00	B40281_sc2_p58
g. Equipment for advanced chemical oxidation or UV radiation	F43532_sc2_p59 \$.00	B40281_sc2_p59
h. Pre-treatment filters	F43532_sc2_p60 \$.00	B40281_sc2_p60
i. Chemicals used in industrial wastewater treatment	F43532_sc2_p61 \$.00	B40281_sc2_p61
Centralized physical or chemical and biological treatment of municipal sewage		
j. Intake screens	F43532_sc2_p62 \$.00	B40281_sc2_p62
k. Air sparging grit chambers	F43532_sc2_p63 \$.00	B40281_sc2_p63
l. Oil separators, skimmers	F43532_sc2_p64 \$.00	B40281_sc2_p64
m. Tanks and related components for sedimentation, chemical precipitation or flocculation, aerobic biological treatment, aeration, clarification, disinfection	F43532_sc2_p65 \$.00	B40281_sc2_p65
n. Membrane bioreactors	F43532_sc2_p66 \$.00	B40281_sc2_p66
o. Trickling filters	F43532_sc2_p67 \$.00	B40281_sc2_p67
p. Anaerobic digesters	F43532_sc2_p68 \$.00	B40281_sc2_p68
q. Chemicals used in municipal sewage treatment	F43532_sc2_p69 \$.00	B40281_sc2_p69

...continues on next page

Wholesaler — industrial wastewater and municipal sewage treatment technologies — sales of exported goods (continued)

Sales for wholesale of
exported goods
Rounded to the nearest
CAN\$

Number of units
sold outside
of Canada

Other

- r. All other industrial wastewater and municipal sewage treatment technologies
Specify all other industrial wastewater and municipal sewage treatment technologies:

F43532_sc2_p71

F43532_sc2_p70

B40281_sc2_p70

..... \$.00

F43532_sc2_p72

Total

\$.00

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Manufacturer — water management, recycling and treatment of drinking water technologies — domestic sales

33. Report sales of goods manufactured in Canada and the number of units sold within Canada.
Include machinery, equipment, products, and technologies.

	Sales of goods manufactured in Canada Rounded to the nearest CAN\$	Number of units sold within Canada
Treatment of drinking water technologies		
	F43531_sc1_p73	B40279_sc1_p73
a. Microscreening	\$00	.....
	F43531_sc1_p74	B40279_sc1_p74
b. Fluoridation	\$00	.....
	F43531_sc1_p75	B40279_sc1_p75
c. Alkalinity adjustment for process control	\$00	.....
	F43531_sc1_p76	B40279_sc1_p76
d. Corrosion control (negative pH adjustment)	\$00	.....
	F43531_sc1_p77	B40279_sc1_p77
e. Coagulant	\$00	.....
	F43531_sc1_p78	B40279_sc1_p78
f. Greensand filtration	\$00	.....
	F43531_sc1_p79	B40279_sc1_p79
g. Microfiltration and ultrafiltration	\$00	.....
	F43531_sc1_p80	B40279_sc1_p80
h. Nanofiltration	\$00	.....
	F43531_sc1_p81	B40279_sc1_p81
i. Reverse osmosis	\$00	.....
	F43531_sc1_p82	B40279_sc1_p82
j. Electrodeionization technologies	\$00	.....
	F43531_sc1_p83	B40279_sc1_p83
k. Desalination processes	\$00	.....
	F43531_sc1_p84	B40279_sc1_p84
l. Equipment for advanced chemical oxidation and UV radiation .	\$00	.....
	F43531_sc1_p85	B40279_sc1_p85
m. Chemicals used in drinking water treatment	\$00	.....
n. All other treatment of drinking water technologies		
Specify all other treatment of drinking water technologies:		
F43531_sc1_p87	F43531_sc1_p86	B40279_sc1_p86
.....	\$00

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Manufacturer — water management, recycling and treatment of drinking water technologies — domestic sales (continued)

	Sales of goods manufactured in Canada Rounded to the nearest CAN\$	Number of units sold within Canada
Water management and water recycling technologies		
o. Information and communication technologies e.g., sensors, platform, software	F43531_sc1_p88 \$00	B40279_sc1_p88
p. Equipment to reduce water consumption e.g., low flow shower heads, low flow toilets, filters	F43531_sc1_p89 \$00	B40279_sc1_p89
q. Equipment for rainwater collection e.g., reservoirs, tanks	F43531_sc1_p90 \$00	B40279_sc1_p90
r. Greywater reuse systems	F43531_sc1_p91 \$00	B40279_sc1_p91
s. All other water management and water recycling technologies Specify all other water management and water recycling technologies: F43531_sc1_p93	F43531_sc1_p92 \$00	B40279_sc1_p92
Other		
t. All other water management, recycling and treatment of drinking water technologies Specify all other water management, recycling and treatment of drinking water technologies: F43531_sc1_p95	F43531_sc1_p94 \$00	B40279_sc1_p94
Total	F43531_sc1_p96 \$00	

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Manufacturer — water management, recycling and treatment of drinking water technologies — export sales

34. Report sales of exported goods manufactured in Canada and the number of units sold outside of Canada.

Include machinery, equipment, products, and technologies.

	Sales of exported goods manufactured in Canada Rounded to the nearest CAN\$	Number of units sold outside of Canada
Treatment of drinking water technologies		
	F43531_sc2_p73	B40279_sc2_p73
a. Microscreening	\$00	.....
	F43531_sc2_p74	B40279_sc2_p74
b. Fluoridation	\$00	.....
	F43531_sc2_p75	B40279_sc2_p75
c. Alkalinity adjustment for process control	\$00	.....
	F43531_sc2_p76	B40279_sc2_p76
d. Corrosion control (negative pH adjustment)	\$00	.....
	F43531_sc2_p77	B40279_sc2_p77
e. Coagulant	\$00	.....
	F43531_sc2_p78	B40279_sc2_p78
f. Greensand filtration	\$00	.....
	F43531_sc2_p79	B40279_sc2_p79
g. Microfiltration and ultrafiltration	\$00	.....
	F43531_sc2_p80	B40279_sc2_p80
h. Nanofiltration	\$00	.....
	F43531_sc2_p81	B40279_sc2_p81
i. Reverse osmosis	\$00	.....
	F43531_sc2_p82	B40279_sc2_p82
j. Electrodeionization technologies	\$00	.....
	F43531_sc2_p83	B40279_sc2_p83
k. Desalination processes	\$00	.....
	F43531_sc2_p84	B40279_sc2_p84
l. Equipment for advanced chemical oxidation or UV radiation ..	\$00	.....
	F43531_sc2_p85	B40279_sc2_p85
m. Chemicals used in drinking water treatment	\$00	.....
n. All other treatment of drinking water technologies		
Specify all other treatment of drinking water technologies:		
F43531_sc2_p87	F43531_sc2_p86	B40279_sc2_p86
.....	\$00	.....

...continues on next page

**Manufacturer — water management, recycling and treatment of drinking water technologies
— export sales (continued)**

	Sales of exported goods manufactured in Canada Rounded to the nearest CAN\$	Number of units sold outside of Canada
Water management and water recycling technologies		
o. Information and communication technologies e.g., sensors, platform, software	F43531_sc2_p88 \$.00	B40279_sc2_p88
p. Equipment to reduce water consumption e.g., low flow shower heads, low flow toilets, filters	F43531_sc2_p89 \$.00	B40279_sc2_p89
q. Equipment for rainwater collection e.g., reservoirs, tanks	F43531_sc2_p90 \$.00	B40279_sc2_p90
r. Greywater reuse systems	F43531_sc2_p91 \$.00	B40279_sc2_p91
s. All other water management and water recycling technologies Specify all other water management and water recycling technologies: F43531_sc2_p93	F43531_sc2_p92 \$.00	B40279_sc2_p92
Other		
t. All other water management, recycling and treatment of drinking water technologies Specify all other water management, recycling and treatment of drinking water technologies: F43531_sc2_p95	F43531_sc2_p94 \$.00	B40279_sc2_p94
Total	F43531_sc2_p96 \$.00	

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Wholesaler — water management, recycling and treatment of drinking water technologies — domestic sales of imported goods

35. Report sales for wholesale of imported goods and the number of units imported and sold within Canada.
Include machinery, equipment, products, and technologies.

	Sales for wholesale of imported goods Rounded to the nearest CAN\$	Number of units imported and sold within Canada
Treatment of drinking water technologies		
	F43532_sc3_p73	B40281_sc3_p73
a. Microscreening	\$00	.....
	F43532_sc3_p74	B40281_sc3_p74
b. Fluoridation	\$00	.....
	F43532_sc3_p75	B40281_sc3_p75
c. Alkalinity adjustment for process control	\$00	.....
	F43532_sc3_p76	B40281_sc3_p76
d. Corrosion control (negative pH adjustment)	\$00	.....
	F43532_sc3_p77	B40281_sc3_p77
e. Coagulant	\$00	.....
	F43532_sc3_p78	B40281_sc3_p78
f. Greensand filtration	\$00	.....
	F43532_sc3_p79	B40281_sc3_p79
g. Microfiltration and ultrafiltration	\$00	.....
	F43532_sc3_p80	B40281_sc3_p80
h. Nanofiltration	\$00	.....
	F43532_sc3_p81	B40281_sc3_p81
i. Reverse osmosis	\$00	.....
	F43532_sc3_p82	B40281_sc3_p82
j. Electrodeionization technologies	\$00	.....
	F43532_sc3_p83	B40281_sc3_p83
k. Desalination processes	\$00	.....
	F43532_sc3_p84	B40281_sc3_p84
l. Equipment for advanced chemical oxidation or UV radiation ..	\$00	.....
	F43532_sc3_p85	B40281_sc3_p85
m. Chemicals used in drinking water treatment	\$00	.....
n. All other treatment of drinking water technologies		
Specify all other treatment of drinking water technologies:		
F43532_sc3_p87	F43532_sc3_p86	B40281_sc3_p86
.....	\$00	.....

...continues on next page

**Wholesaler — water management, recycling and treatment of drinking water technologies
— domestic sales of imported goods (continued)**

	Sales for wholesale of imported goods Rounded to the nearest CAN\$	Number of units imported and sold within Canada
Water management and water recycling technologies		
o. Information and communication technologies e.g., sensors, platform, software	F43532_sc3_p88 \$00	B40281_sc3_p88
p. Equipment to reduce water consumption e.g., low flow shower heads, low flow toilets, filters	F43532_sc3_p89 \$00	B40281_sc3_p89
q. Equipment for rainwater collection e.g., reservoirs, tanks	F43532_sc3_p90 \$00	B40281_sc3_p90
r. Greywater reuse systems	F43532_sc3_p91 \$00	B40281_sc3_p91
s. All other water management and water recycling technologies Specify all other water management and water recycling technologies: F43532_sc3_p93	F43532_sc3_p92 \$00	B40281_sc3_p92
Other		
t. All other water management, recycling and treatment of drinking water technologies Specify all other water management, recycling and treatment of drinking water technologies: F43532_sc3_p95	F43532_sc3_p94 \$00	B40281_sc3_p94
Total	F43532_sc3_p96 \$00	

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Wholesaler — water management, recycling and treatment of drinking water technologies — domestic sales of domestic goods

36. Report sales for wholesale of domestic goods and the number of units sourced and sold within Canada.
Include machinery, equipment, products, and technologies.

	Sales for wholesale of domestic goods Rounded to the nearest CAN\$	Number of units sourced and sold within Canada
Treatment of drinking water technologies		
	F43532_sc1_p73	B40281_sc1_p73
a. Microscreening	\$00	.....
	F43532_sc1_p74	B40281_sc1_p74
b. Fluoridation	\$00	.....
	F43532_sc1_p75	B40281_sc1_p75
c. Alkalinity adjustment for process control	\$00	.....
	F43532_sc1_p76	B40281_sc1_p76
d. Corrosion control (negative pH adjustment)	\$00	.....
	F43532_sc1_p77	B40281_sc1_p77
e. Coagulant	\$00	.....
	F43532_sc1_p78	B40281_sc1_p78
f. Greensand filtration	\$00	.....
	F43532_sc1_p79	B40281_sc1_p79
g. Microfiltration and ultrafiltration	\$00	.....
	F43532_sc1_p80	B40281_sc1_p80
h. Nanofiltration	\$00	.....
	F43532_sc1_p81	B40281_sc1_p81
i. Reverse osmosis	\$00	.....
	F43532_sc1_p82	B40281_sc1_p82
j. Electrodeionization technologies	\$00	.....
	F43532_sc1_p83	B40281_sc1_p83
k. Desalination processes	\$00	.....
	F43532_sc1_p84	B40281_sc1_p84
l. Equipment for advanced chemical oxidation or UV radiation ..	\$00	.....
	F43532_sc1_p85	B40281_sc1_p85
m. Chemicals used in drinking water treatment	\$00	.....
n. All other treatment of drinking water technologies		
Specify all other treatment of drinking water technologies:		
F43532_sc1_p87	F43532_sc1_p86	B40281_sc1_p86
.....	\$00

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**Wholesaler — water management, recycling and treatment of drinking water technologies
— domestic sales of domestic goods (continued)**

	Sales for wholesale of domestic goods Rounded to the nearest CAN\$	Number of units sourced and sold within Canada
Water management and water recycling technologies		
o. Information and communication technologies e.g., sensors, platform, software	F43532_sc1_p88 \$00	B40281_sc1_p88
p. Equipment to reduce water consumption e.g., low flow shower heads, low flow toilets, filters	F43532_sc1_p89 \$00	B40281_sc1_p89
q. Equipment for rainwater collection e.g., reservoirs, tanks	F43532_sc1_p90 \$00	B40281_sc1_p90
r. Greywater reuse systems	F43532_sc1_p91 \$00	B40281_sc1_p91
s. All other water management and water recycling technologies Specify all other water management and water recycling technologies: F43532_sc1_p93	F43532_sc1_p92 \$00	B40281_sc1_p92
Other		
t. All other water management, recycling and treatment of drinking water technologies Specify all other water management, recycling and treatment of drinking water technologies: F43532_sc1_p95	F43532_sc1_p94 \$00	B40281_sc1_p94
Total	F43532_sc1_p96 \$00	

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Wholesaler — water management, recycling and treatment of drinking water technologies — sales of exported goods

37. Report sales for wholesale of exported goods and the number of units sold outside of Canada.

Include machinery, equipment, products, and technologies.

	Sales for wholesale of exported goods Rounded to the nearest CAN\$	Number of units sold outside of Canada
Treatment of drinking water technologies		
	F43532_sc2_p73	B40281_sc2_p73
a. Microscreening	\$00	.....
	F43532_sc2_p74	B40281_sc2_p74
b. Fluoridation	\$00	.....
	F43532_sc2_p75	B40281_sc2_p75
c. Alkalinity adjustment for process control	\$00	.....
	F43532_sc2_p76	B40281_sc2_p76
d. Corrosion control (negative pH adjustment)	\$00	.....
	F43532_sc2_p77	B40281_sc2_p77
e. Coagulant	\$00	.....
	F43532_sc2_p78	B40281_sc2_p78
f. Greensand filtration	\$00	.....
	F43532_sc2_p79	B40281_sc2_p79
g. Microfiltration and ultrafiltration	\$00	.....
	F43532_sc2_p80	B40281_sc2_p80
h. Nanofiltration	\$00	.....
	F43532_sc2_p81	B40281_sc2_p81
i. Reverse osmosis	\$00	.....
	F43532_sc2_p82	B40281_sc2_p82
j. Electrodeionization technologies	\$00	.....
	F43532_sc2_p83	B40281_sc2_p83
k. Desalination processes	\$00	.....
	F43532_sc2_p84	B40281_sc2_p84
l. Equipment for advanced chemical oxidation or UV radiation ..	\$00	.....
	F43532_sc2_p85	B40281_sc2_p85
m. Chemicals used in drinking water treatment	\$00	.....
n. All other treatment of drinking water technologies		
Specify all other treatment of drinking water technologies:		
F43532_sc2_p87	F43532_sc2_p86	B40281_sc2_p86
.....	\$00

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Wholesaler — water management, recycling and treatment of drinking water technologies — sales of exported goods (continued)

	Sales for wholesale of exported goods Rounded to the nearest CAN\$	Number of units sold outside of Canada
Water management and water recycling technologies		
o. Information and communication technologies e.g., sensors, platform, software	F43532_sc2_p88 \$00	B40281_sc2_p88
p. Equipment to reduce water consumption e.g., low flow shower heads, low flow toilets, filters	F43532_sc2_p89 \$00	B40281_sc2_p89
q. Equipment for rainwater collection e.g., reservoirs, tanks	F43532_sc2_p90 \$00	B40281_sc2_p90
r. Greywater reuse systems	F43532_sc2_p91 \$00	B40281_sc2_p91
s. All other water management and water recycling technologies Specify all other water management and water recycling technologies: F43531_sc2_p93	F43532_sc2_p92 \$00	B40281_sc2_p92
Other		
t. All other water management, recycling and treatment of drinking water technologies Specify all other water management, recycling and treatment of drinking water technologies: F43532_sc2_p95	F43532_sc2_p94 \$00	B40281_sc2_p94
Total	F43532_sc2_p96 \$00	

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Manufacturer — remediation of ground water, surface water and leachate technologies — domestic sales

38. Report sales of goods manufactured in Canada and the number of units sold within Canada.

Include machinery, equipment, products, and technologies.

	Sales of goods manufactured in Canada Rounded to the nearest CAN\$	Number of units sold within Canada
a. In situ biological treatments e.g., enhanced bioremediation, phytoremediation	F43531_sc1_p97 \$.00	B40279_sc1_p97
b. Ex situ biological treatments e.g., bioreaction	F43531_sc1_p98 \$.00	B40279_sc1_p98
c. In situ physical and chemical treatments Include sales of chemicals for remediation of ground water, surface water and leachate. e.g., air sparging, bioslurping, chemical oxidation, directional wells, dual phase extraction, thermal treatment, hydrofracturing enhancements, in-well air stripping, passive and reactive treatment walls	F43531_sc1_p99 \$.00	B40279_sc1_p99
d. Ex situ physical and chemical treatments Include sales of chemicals for remediation of ground water, surface water and leachate. e.g., adsorption and absorption, advanced oxidation, air stripping, ion exchange; precipitation, flocculation, coagulation; separation, sprinkler irrigation	F43531_sc1_p100 \$.00	B40279_sc1_p100
e. Containment e.g., physical barriers, deep well injection	F43531_sc1_p101 \$.00	B40279_sc1_p101
f. Air emissions and off-gas treatments e.g., oxidation, scrubbing, vapour phase carbon adsorption	F43531_sc1_p102 \$.00	B40279_sc1_p102
g. Radioactive waste management, decommissioning, and site remediation	F43531_sc1_p103 \$.00	B40279_sc1_p103
h. All other remediation of ground water, surface water and leachate technologies Specify all other remediation of ground water, surface water and leachate technologies: F43531_sc1_p105	F43531_sc1_p104 \$.00	B40279_sc1_p104
Total	F43531_sc1_p106 \$.00	

DO NOT USE TO REPORT

Manufacturer — remediation of ground water, surface water and leachate technologies — export sales

39. Report sales of exported goods manufactured in Canada and the number of units sold outside of Canada.

Include machinery, equipment, products, and technologies.

	Sales of exported goods manufactured in Canada Rounded to the nearest CAN\$	Number of units sold outside of Canada
	F43531_sc2_p97	B40279_sc2_p97
a. In situ biological treatments e.g., enhanced bioremediation, phytoremediation	\$.00	
	F43531_sc2_p98	B40279_sc2_p98
b. Ex situ biological treatments e.g., bioreaction	\$.00	
c. In situ physical and chemical treatments Include sales of chemicals for remediation of ground water, surface water and leachate. e.g., air sparging, bioslurping, chemical oxidation, directional wells, dual phase extraction, thermal treatment, hydrofracturing enhancements, in-well air stripping, passive and reactive treatment walls	F43531_sc2_p99 \$.00	B40279_sc2_p99
d. Ex situ physical and chemical treatments Include sales of chemicals for remediation of ground water, surface water and leachate. e.g., adsorption and absorption, advanced oxidation, air stripping, ion exchange; precipitation, flocculation, coagulation; separation, sprin- kler irrigation	F43531_sc2_p100 \$.00	B40279_sc2_p100
	F43531_sc2_p101	B40279_sc2_p101
e. Containment e.g., physical barriers, deep well injection	\$.00	
	F43531_sc2_p102	B40279_sc2_p102
f. Air emissions and off-gas treatments e.g., oxidation, scrubbing, vapour phase carbon adsorption	\$.00	
	F43531_sc2_p103	B40279_sc2_p103
g. Radioactive waste management, decommissioning, and site remediation	\$.00	
h. All other remediation of ground water, surface water and leachate technologies Specify all other remediation of ground water, surface water and leachate technologies: F43531_sc2_p105	F43531_sc2_p104 \$.00	B40279_sc2_p104
	F43531_sc2_p106	
Total	\$.00	

DO NOT USE TO REPORT

Wholesaler — remediation of ground water, surface water and leachate technologies — domestic sales of imported goods

40. Report sales for wholesale of imported goods and the number of units imported and sold within Canada.

Include machinery, equipment, products, and technologies.

	Sales for wholesale of imported goods Rounded to the nearest CAN\$	Number of units imported and sold within Canada
a. In situ biological treatments e.g., enhanced bioremediation, phytoremediation	F43532_sc3_p97 \$.00	B40281_sc3_p97
b. Ex situ biological treatments e.g., bioreaction	F43532_sc3_p98 \$.00	B40281_sc3_p98
c. In situ physical and chemical treatments Include sales of chemicals for remediation of ground water, surface water and leachate. e.g., air sparging, bioslurping, chemical oxidation, directional wells, dual phase extraction, thermal treatment, hydrofracturing enhancements, in-well air stripping, passive and reactive treatment walls	F43532_sc3_p99 \$.00	B40281_sc3_p99
d. Ex situ physical and chemical treatments Include sales of chemicals for remediation of ground water, surface water and leachate. e.g., adsorption and absorption, advanced oxidation, air stripping, ion exchange; precipitation, flocculation, coagulation; separation, sprinkler irrigation	F43532_sc3_p100 \$.00	B40281_sc3_p100
e. Containment e.g., physical barriers, deep well injection	F43532_sc3_p101 \$.00	B40281_sc3_p101
f. Air emissions and off-gas treatments e.g., oxidation, scrubbing, vapour phase carbon adsorption	F43532_sc3_p102 \$.00	B40281_sc3_p102
g. Radioactive waste management, decommissioning, and site remediation	F43532_sc3_p103 \$.00	B40281_sc3_p103
h. All other remediation of ground water, surface water and leachate technologies Specify all other remediation of ground water, surface water and leachate technologies: F43532_sc3_p105	F43532_sc3_p104 \$.00	B40281_sc3_p104
Total	F43532_sc3_p106 \$.00	

DO NOT USE TO REPORT

Wholesaler — remediation of ground water, surface water and leachate technologies — domestic sales of domestic goods

41. Report sales for wholesale of domestic goods and the number of units sourced and sold within Canada.

Include machinery, equipment, products, and technologies.

	Sales for wholesale of domestic goods Rounded to the nearest CAN\$	Number of units sourced and sold within Canada
a. In situ biological treatments e.g., enhanced bioremediation, phytoremediation	F43532_sc1_p97 \$.00	B40281_sc1_p97
b. Ex situ biological treatments e.g., bioreaction	F43532_sc1_p98 \$.00	B40281_sc1_p98
c. In situ physical and chemical treatments Include sales of chemicals for remediation of ground water, surface water and leachate. e.g., air sparging, bioslurping, chemical oxidation, directional wells, dual phase extraction, thermal treatment, hydrofracturing enhancements, in-well air stripping, passive and reactive treatment walls	F43532_sc1_p99 \$.00	B40281_sc1_p99
d. Ex situ physical and chemical treatments Include sales of chemicals for remediation of ground water, surface water and leachate. e.g., adsorption and absorption, advanced oxidation, air stripping, ion exchange; precipitation, flocculation, coagulation; separation, sprinkler irrigation	F43532_sc1_p100 \$.00	B40281_sc1_p100
e. Containment e.g., physical barriers, deep well injection	F43532_sc1_p101 \$.00	B40281_sc1_p101
f. Air emissions and off-gas treatments e.g., oxidation, scrubbing, vapour phase carbon adsorption	F43532_sc1_p102 \$.00	B40281_sc1_p102
g. Radioactive waste management, decommissioning, and site remediation	F43532_sc1_p103 \$.00	B40281_sc1_p103
h. All other remediation of ground water, surface water and leachate technologies Specify all other remediation of ground water, surface water and leachate technologies: F43532_sc1_p105	F43532_sc1_p104 \$.00	B40281_sc1_p104
Total	F43532_sc1_p106 \$.00	

DO NOT USE TO REPORT

Wholesaler — remediation of ground water, surface water and leachate technologies — sales of exported goods

42. Report sales for wholesale of exported goods and the number of units sold outside of Canada.

Include machinery, equipment, products, and technologies.

	Sales for wholesale of exported goods Rounded to the nearest CAN\$	Number of units sold outside of Canada
a. In situ biological treatments e.g., enhanced bioremediation, phytoremediation	F43532_sc2_p97 \$.00	B40281_sc2_p97
b. Ex situ biological treatments e.g., bioreaction	F43532_sc2_p98 \$.00	B40281_sc2_p98
c. In situ physical and chemical treatments Include sales of chemicals for remediation of ground water, surface water and leachate. e.g., air sparging, bioslurping, chemical oxidation, directional wells, dual phase extraction, thermal treatment, hydrofracturing enhancements, in-well air stripping, passive and reactive treatment walls	F43532_sc2_p99 \$.00	B40281_sc2_p99
d. Ex situ physical and chemical treatments Include sales of chemicals for remediation of ground water, surface water and leachate. e.g., adsorption and absorption, advanced oxidation, air stripping, ion exchange; precipitation, flocculation, coagulation; separation, sprinkler irrigation	F43532_sc2_p100 \$.00	B40281_sc2_p100
e. Containment e.g., physical barriers, deep well injection	F43532_sc2_p101 \$.00	B40281_sc2_p101
f. Air emissions and off-gas treatments e.g., oxidation, scrubbing, vapour phase carbon adsorption	F43532_sc2_p102 \$.00	B40281_sc2_p102
g. Radioactive waste management, decommissioning, and site remediation	F43532_sc2_p103 \$.00	B40281_sc2_p103
h. All other remediation of ground water, surface water and leachate technologies Specify all other remediation of ground water, surface water and leachate technologies: F43532_sc2_p105	F43532_sc2_p104 \$.00	B40281_sc2_p104
Total	F43532_sc2_p106 \$.00	

DO NOT USE TO REPORT

Manufacturer — remediation of soil, sediment and sludge technologies — domestic sales

43. Report sales of goods manufactured in Canada and the number of units sold within Canada.

Include machinery, equipment, products, and technologies.

	Sales of goods manufactured in Canada Rounded to the nearest CAN\$	Number of units sold within Canada
a. In situ biological treatments e.g., bioventing, enhanced bioremediation, phytoremediation	F43531_sc1_p107 \$.00	B40279_sc1_p107
b. Ex situ biological treatments e.g., biopiles, composting, landfarming, slurry phase biological treatment	F43531_sc1_p108 \$.00	B40279_sc1_p108
c. In situ physical and chemical treatments Include sales of chemicals for remediation of soil, sediment and sludge, i.e., biochar, soil amendments. e.g., chemical oxidation; fracturing; soil flushing; soil vapour extraction; solidification and stabilization	F43531_sc1_p109 \$.00	B40279_sc1_p109
d. Ex situ physical and chemical treatments Include sales of chemicals for remediation of soil, sediment and sludge. e.g., chemical extraction; chemical reduction and oxidation; dehalogenation; separation; soil washing; solidification and stabilization	F43531_sc1_p110 \$.00	B40279_sc1_p110
e. In situ thermal treatments e.g., hot air injection, electrical resistance	F43531_sc1_p111 \$.00	B40279_sc1_p111
f. Ex situ thermal treatments e.g., incineration, pyrolysis, thermal desorption	F43531_sc1_p112 \$.00	B40279_sc1_p112
g. Containment e.g., landfill cap, landfill cap enhancements and alternatives	F43531_sc1_p113 \$.00	B40279_sc1_p113
h. Remediation of radioactive contamination	F43531_sc1_p114 \$.00	B40279_sc1_p114
i. All other remediation of soil, sediment and sludge technologies Specify all other remediation of soil, sediment and sludge technologies: F43531_sc1_p116	F43531_sc1_p115 \$.00	B40279_sc1_p115
Total	F43531_sc1_p117 \$.00	

Manufacturer — remediation of soil, sediment and sludge technologies — export sales

44. Report sales of exported goods manufactured in Canada and the number of units sold outside of Canada.

Include machinery, equipment, products, and technologies.

	Sales of exported goods manufactured in Canada Rounded to the nearest CAN\$	Number of units sold outside of Canada
a. In situ biological treatments e.g., bioventing, enhanced bioremediation, phytoremediation	F43531_sc2_p107 \$.00	B40279_sc2_p107
b. Ex situ biological treatments e.g., biopiles, composting, landfarming, slurry phase biological treatment	F43531_sc2_p108 \$.00	B40279_sc2_p108
c. In situ physical and chemical treatments Include sales of chemicals for remediation of soil, sediment and sludge, i.e., biochar, soil amendments. e.g., chemical oxidation; fracturing; soil flushing; soil vapour extraction; solidification and stabilization	F43531_sc2_p109 \$.00	B40279_sc2_p109
d. Ex situ physical and chemical treatments Include sales of chemicals for remediation of soil, sediment and sludge. e.g., chemical extraction; chemical reduction and oxidation; dehalogenation; separation; soil washing; solidification and stabilization	F43531_sc2_p110 \$.00	B40279_sc2_p110
e. In situ thermal treatments e.g., hot air injection, electrical resistance	F43531_sc2_p111 \$.00	B40279_sc2_p111
f. Ex situ thermal treatments e.g., incineration, pyrolysis, thermal desorption	F43531_sc2_p112 \$.00	B40279_sc2_p112
g. Containment e.g., landfill cap, landfill cap enhancements and alternatives	F43531_sc2_p113 \$.00	B40279_sc2_p113
h. Remediation of radioactive contamination	F43531_sc2_p114 \$.00	B40279_sc2_p114
i. All other remediation of soil, sediment and sludge technologies Specify all other remediation of soil, sediment and sludge technologies: F43531_sc2_p116	F43531_sc2_p115 \$.00	B40279_sc2_p115
Total	F43531_sc2_p117 \$.00	

Wholesaler — remediation of soil, sediment and sludge technologies — domestic sales of imported goods

45. Report sales for wholesale of imported goods and the number of units imported and sold within Canada.

Include machinery, equipment, products, and technologies.

	Sales for wholesale of imported goods Rounded to the nearest CAN\$	Number of units imported and sold within Canada
a. In situ biological treatments e.g., bioventing, enhanced bioremediation, phytoremediation	F43532_sc3_p107 \$.00	B40281_sc3_p107
b. Ex situ biological treatments e.g., biopiles, composting, landfarming, slurry phase biological treatment	F43532_sc3_p108 \$.00	B40281_sc3_p108
c. In situ physical and chemical treatments Include sales of chemicals for remediation of soil, sediment and sludge, i.e., biochar, soil amendments. e.g., chemical oxidation; fracturing; soil flushing; soil vapour extraction; solidification and stabilization	F43532_sc3_p109 \$.00	B40281_sc3_p109
d. Ex situ physical and chemical treatments Include sales of chemicals for remediation of soil, sediment and sludge. e.g., chemical extraction; chemical reduction and oxidation; dehalogenation; separation; soil washing; solidification and stabilization	F43532_sc3_p110 \$.00	B40281_sc3_p110
e. In situ thermal treatments e.g., hot air injection, electrical resistance	F43532_sc3_p111 \$.00	B40281_sc3_p111
f. Ex situ thermal treatments e.g., incineration, pyrolysis, thermal desorption	F43532_sc3_p112 \$.00	B40281_sc3_p112
g. Containment e.g., landfill cap, landfill cap enhancements and alternatives	F43532_sc3_p113 \$.00	B40281_sc3_p113
h. Remediation of radioactive contamination	F43532_sc3_p114 \$.00	B40281_sc3_p114
i. All other remediation of soil, sediment and sludge technologies Specify all other remediation of soil, sediment and sludge technologies: F43532_sc3_p116	F43532_sc3_p115 \$.00	B40281_sc3_p115
Total	F43532_sc3_p117 \$.00	

DO NOT USE TO REPORT

Wholesaler — remediation of soil, sediment and sludge technologies — domestic sales of domestic goods

46. Report sales for wholesale of domestic goods and the number of units sourced and sold within Canada.

Include machinery, equipment, products, and technologies.

	Sales for wholesale of domestic goods Rounded to the nearest CAN\$	Number of units sourced and sold within Canada
a. In situ biological treatments e.g., bioventing, enhanced bioremediation, phytoremediation	F43532_sc1_p107 \$.00	B40281_sc1_p107
b. Ex situ biological treatments e.g., biopiles, composting, landfarming, slurry phase biological treatment	F43532_sc1_p108 \$.00	B40281_sc1_p108
c. In situ physical and chemical treatments Include sales of chemicals for remediation of soil, sediment and sludge, i.e., biochar, soil amendments. e.g., chemical oxidation; fracturing; soil flushing; soil vapour extraction; solidification and stabilization	F43532_sc1_p109 \$.00	B40281_sc1_p109
d. Ex situ physical and chemical treatments Include sales of chemicals for remediation of soil, sediment and sludge. e.g., chemical extraction; chemical reduction and oxidation; dehalogenation; separation; soil washing; solidification and stabilization	F43532_sc1_p110 \$.00	B40281_sc1_p110
e. In situ thermal treatments e.g., hot air injection, electrical resistance	F43532_sc1_p111 \$.00	B40281_sc1_p111
f. Ex situ thermal treatments e.g., incineration, pyrolysis, thermal desorption	F43532_sc1_p112 \$.00	B40281_sc1_p112
g. Containment e.g., landfill cap, landfill cap enhancements and alternatives	F43532_sc1_p113 \$.00	B40281_sc1_p113
h. Remediation of radioactive contamination	F43532_sc1_p114 \$.00	B40281_sc1_p114
i. All other remediation of soil, sediment and sludge technologies Specify all other remediation of soil, sediment and sludge technologies: F43532_sc1_p116	F43532_sc1_p115 \$.00	B40281_sc1_p115
Total	F43532_sc1_p117 \$.00	

DO NOT USE TO REPORT

Wholesaler — remediation of soil, sediment and sludge technologies — sales of exported goods

47. Report sales for wholesale of exported goods and the number of units sold outside of Canada.

Include machinery, equipment, products, and technologies.

	Sales for wholesale of exported goods Rounded to the nearest CAN\$	Number of units sold outside of Canada
a. In situ biological treatments e.g., bioventing, enhanced bioremediation, phytoremediation	F43532_sc2_p107 \$.00	B40281_sc2_p107
b. Ex situ biological treatments e.g., biopiles, composting, landfarming, slurry phase biological treatment	F43532_sc2_p108 \$.00	B40281_sc2_p108
c. In situ physical and chemical treatments Include sales of chemicals for remediation of soil, sediment and sludge, i.e., biochar, soil amendments. e.g., chemical oxidation; fracturing; soil flushing; soil vapour extraction; solidification and stabilization	F43532_sc2_p109 \$.00	B40281_sc2_p109
d. Ex situ physical and chemical treatments Include sales of chemicals for remediation of soil, sediment and sludge. e.g., chemical extraction; chemical reduction and oxidation; dehalogenation; separation; soil washing; solidification and stabilization	F43532_sc2_p110 \$.00	B40281_sc2_p110
e. In situ thermal treatments e.g., hot air injection, electrical resistance	F43532_sc2_p111 \$.00	B40281_sc2_p111
f. Ex situ thermal treatments e.g., incineration, pyrolysis, thermal desorption	F43532_sc2_p112 \$.00	B40281_sc2_p112
g. Containment e.g., landfill cap, landfill cap enhancements and alternatives	F43532_sc2_p113 \$.00	B40281_sc2_p113
h. Remediation of radioactive contamination	F43532_sc2_p114 \$.00	B40281_sc2_p114
i. All other remediation of soil, sediment and sludge technologies Specify all other remediation of soil, sediment and sludge technologies: F43532_sc2_p116	F43532_sc2_p115 \$.00	B40281_sc2_p115
Total	F43532_sc2_p117 \$.00	

DO NOT USE TO REPORT

Manufacturer — smart grid and energy storage technologies — domestic sales

48. Report sales of goods manufactured in Canada and the number of units sold within Canada.
Include machinery, equipment, products, and technologies.

	Sales of goods manufactured in Canada Rounded to the nearest CAN\$	Number of units sold within Canada
Demand management technologies		
	F43531_sc1_p118	B40279_sc1_p118
a. Smart inverters	\$00	.....
	F43531_sc1_p119	B40279_sc1_p119
b. Smart meters and devices	\$00	.....
	F43531_sc1_p120	B40279_sc1_p120
c. Phasor measurement units	\$00	.....
	F43531_sc1_p121	B40279_sc1_p121
d. Management systems (software)	\$00	.....
e. All other demand management technologies		
Specify all other demand management technologies:		
F43531_sc1_p123	F43531_sc1_p122	B40279_sc1_p122
.....	\$00	.....
Energy storage technologies		
	F43531_sc1_p124	B40279_sc1_p124
f. Flywheels	\$00	.....
	F43531_sc1_p125	B40279_sc1_p125
g. Equipment for pumped hydro systems	\$00	.....
	F43531_sc1_p126	B40279_sc1_p126
h. Equipment for compressed air systems	\$00	.....
i. Advanced batteries	F43531_sc1_p127	B40279_sc1_p127
e.g., NiCd, NiMH, Li-ion, NaS, NaNiCl, hybrid flow, redox flow, hydrogen storage, synthetic natural gas	\$00	.....
	F43531_sc1_p128	B40279_sc1_p128
j. Fuel cells	\$00	.....
	F43531_sc1_p129	B40279_sc1_p129
k. Thermal storage systems	\$00	.....
	F43531_sc1_p130	B40279_sc1_p130
l. Double-layer capacitors (DLC)	\$00	.....
	F43531_sc1_p131	B40279_sc1_p131
m. Superconducting magnetic energy storage (SMES)	\$00	.....
n. All other energy storage technologies		
Specify all other energy storage technologies:		
F43531_sc1_p133	F43531_sc1_p132	B40279_sc1_p132
.....	\$00	.....

...continues on next page

Manufacturer — smart grid and energy storage technologies — domestic sales

Sales of goods
manufactured in Canada
Rounded to the nearest
CAN\$

Number of units
sold within
Canada

Other

- o. All other smart grid and energy storage technologies
Specify all other smart grid and energy storage technologies:

F43531_sc1_p135

F43531_sc1_p134

B40279_sc1_p134

.....

\$.00

F43531_sc1_p136

Total

\$.00

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Manufacturer — smart grid and energy storage technologies — export sales

49. Report sales of exported goods manufactured in Canada and the number of units sold outside of Canada.
Include machinery, equipment, products, and technologies.

	Sales of exported goods manufactured in Canada Rounded to the nearest CAN\$	Number of units sold outside of Canada
Demand management technologies		
a. Smart inverters	F43531_sc2_p118 \$00	B40279_sc2_p118
b. Smart meters and devices	F43531_sc2_p119 \$00	B40279_sc2_p119
c. Phasor measurement units	F43531_sc2_p120 \$00	B40279_sc2_p120
d. Management systems (software)	F43531_sc2_p121 \$00	B40279_sc2_p121
e. All other demand management technologies Specify all other demand management technologies: F43531_sc2_p123	F43531_sc2_p122 \$00	B40279_sc2_p122
Energy storage technologies		
f. Flywheels	F43531_sc2_p124 \$00	B40279_sc2_p124
g. Equipment for pumped hydro systems	F43531_sc2_p125 \$00	B40279_sc2_p125
h. Equipment for compressed air systems	F43531_sc2_p126 \$00	B40279_sc2_p126
i. Advanced batteries e.g., NiCd, NiMH, Li-ion, NaS, NaNiCl, hybrid flow, redox flow, hydrogen storage, synthetic natural gas	F43531_sc2_p127 \$00	B40279_sc2_p127
j. Fuel cells	F43531_sc2_p128 \$00	B40279_sc2_p128
k. Thermal storage systems	F43531_sc2_p129 \$00	B40279_sc2_p129
l. Double-layer capacitors (DLC)	F43531_sc2_p130 \$00	B40279_sc2_p130
m. Superconducting magnetic energy storage (SMES)	F43531_sc2_p131 \$00	B40279_sc2_p131
n. All other energy storage technologies Specify all other energy storage technologies: F43531_sc2_p133	F43531_sc2_p132 \$00	B40279_sc2_p132

...continues on next page

Manufacturer — smart grid and energy storage technologies — export sales (continued)

Other

- o. All other smart grid and energy storage technologies
Specify all other smart grid and energy storage technologies:

F43531_sc2_p135

F43531_sc2_p134

B40279_sc2_p134

..... \$.00

F43531_sc2_p136

Total

\$.00

Sales of exported goods
manufactured in Canada
Rounded to the nearest
CAN\$

Number of units
sold outside
of Canada

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Wholesaler — smart grid and energy storage technologies — domestic sales of imported goods

50. Report sales for wholesale of imported goods and the number of units imported and sold within Canada.

Include machinery, equipment, products, and technologies.

	Sales for wholesale of imported goods Rounded to the nearest CAN\$	Number of units imported and sold within Canada
Demand management technologies		
	F43532_sc3_p118	B40281_sc3_p118
a. Smart inverters	\$00	.....
	F43532_sc3_p119	B40281_sc3_p119
b. Smart meters and devices	\$00	.....
	F43532_sc3_p120	B40281_sc3_p120
c. Phasor measurement units	\$00	.....
	F43532_sc3_p121	B40281_sc3_p121
d. Management systems (software)	\$00	.....
e. All other demand management technologies		
Specify all other demand management technologies:		
F43532_sc3_p123	F43532_sc3_p122	B40281_sc3_p122
.....	\$00	.....
Energy storage technologies		
	F43532_sc3_p124	B40281_sc3_p124
f. Flywheels	\$00	.....
	F43532_sc3_p125	B40281_sc3_p125
g. Equipment for pumped hydro systems	\$00	.....
	F43532_sc3_p126	B40281_sc3_p126
h. Equipment for compressed air systems	\$00	.....
i. Advanced batteries	F43532_sc3_p127	B40281_sc3_p127
e.g., NiCd, NiMH, Li-ion, NaS, NaNiCl, hybrid flow, redox flow,		
hydrogen storage, synthetic natural gas	\$00	.....
	F43532_sc3_p128	B40281_sc3_p128
j. Fuel cells	\$00	.....
	F43532_sc3_p129	B40281_sc3_p129
k. Thermal storage systems	\$00	.....
	F43532_sc3_p130	B40281_sc3_p130
l. Double-layer capacitors (DLC)	\$00	.....
	F43532_sc3_p131	B40281_sc3_p131
m. Superconducting magnetic energy storage (SMES)	\$00	.....
n. All other energy storage technologies		
Specify all other energy storage technologies:		
F43532_sc3_p133	F43532_sc3_p132	B40281_sc3_p132
.....	\$00	.....

...continues on next page

Wholesaler — smart grid and energy storage technologies — domestic sales of imported goods (continued)

Sales for wholesale of
imported goods
Rounded to the nearest
CAN\$

Number of units
imported and sold
within Canada

Other

- o. All other smart grid and energy storage technologies
Specify all other smart grid and energy storage technologies:

F43532_sc3_p135

F43532_sc3_p134

B40281_sc3_p134

..... \$.00

F43532_sc3_p136

Total

\$.00

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Wholesaler — smart grid and energy storage technologies — domestic sales of domestic goods

51. Report sales for wholesale of domestic goods and the number of units sourced and sold within Canada.

Include machinery, equipment, products, and technologies.

	Sales for wholesale of domestic goods Rounded to the nearest CAN\$	Number of units sourced and sold within Canada
Demand management technologies		
	F43532_sc1_p118	B40281_sc1_p118
a. Smart inverters	\$00	.....
	F43532_sc1_p119	B40281_sc1_p119
b. Smart meters and devices	\$00	.....
	F43532_sc1_p120	B40281_sc1_p120
c. Phasor measurement units	\$00	.....
	F43532_sc1_p121	B40281_sc1_p121
d. Management systems (software)	\$00	.....
e. All other demand management technologies		
Specify all other demand management technologies:		
F43532_sc1_p123	F43532_sc1_p122	B40281_sc1_p122
.....	\$00	.....
Energy storage technologies		
	F43532_sc1_p124	B40281_sc1_p124
f. Flywheels	\$00	.....
	F43532_sc1_p125	B40281_sc1_p125
g. Equipment for pumped hydro systems	\$00	.....
	F43532_sc1_p126	B40281_sc1_p126
h. Equipment for compressed air systems	\$00	.....
i. Advanced batteries	F43532_sc1_p127	B40281_sc1_p127
e.g., NiCd, NiMH, Li-ion, NaS, NaNiCl, hybrid flow, redox flow, hydrogen storage, synthetic natural gas	\$00	.....
	F43532_sc1_p128	B40281_sc1_p128
j. Fuel cells	\$00	.....
	F43532_sc1_p129	B40281_sc1_p129
k. Thermal storage systems	\$00	.....
	F43532_sc1_p130	B40281_sc1_p130
l. Double-layer capacitors (DLC)	\$00	.....
	F43532_sc1_p131	B40281_sc1_p131
m. Superconducting magnetic energy storage (SMES)	\$00	.....
n. All other energy storage technologies		
Specify all other energy storage technologies:		
F43532_sc1_p133	F43532_sc1_p132	B40281_sc1_p132
.....	\$00	.....

...continues on next page

Wholesaler — smart grid and energy storage technologies — domestic sales of domestic goods (continued)

Sales for wholesale of domestic goods
Rounded to the nearest
CAN\$

Number of units sourced and sold within Canada

Other

- o. All other smart grid and energy storage technologies
 Specify all other smart grid and energy storage technologies:

F43532_sc1_p135

F43532_sc1_p134

B40281_sc1_p134

.....

\$

.00

F43532_sc1_p136

Total

\$

.00

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Wholesaler — smart grid and energy storage technologies — sales of exported goods

52. Report sales for wholesale of exported goods and the number of units sold outside of Canada.
Include machinery, equipment, products, and technologies.

	Sales for wholesale of exported goods Rounded to the nearest CAN\$	Number of units sold outside of Canada
Demand management technologies		
a. Smart inverters	F43532_sc2_p118 \$00	B40281_sc2_p118
b. Smart meters and devices	F43532_sc2_p119 \$00	B40281_sc2_p119
c. Phasor measurement units	F43532_sc2_p120 \$00	B40281_sc2_p120
d. Management systems (software)	F43532_sc2_p121 \$00	B40281_sc2_p121
e. All other demand management technologies Specify all other demand management technologies: F43532_sc2_p123	F43532_sc2_p122 \$00	B40281_sc2_p122
Energy storage technologies		
f. Flywheels	F43532_sc2_p124 \$00	B40281_sc2_p124
g. Equipment for pumped hydro systems	F43532_sc2_p125 \$00	B40281_sc2_p125
h. Equipment for compressed air systems	F43532_sc2_p126 \$00	B40281_sc2_p126
i. Advanced batteries e.g., NiCd, NiMH, Li-ion, NaS, NaNiCl, hybrid flow, redox flow, hydrogen storage, synthetic natural gas	F43532_sc2_p127 \$00	B40281_sc2_p127
j. Fuel cells	F43532_sc2_p128 \$00	B40281_sc2_p128
k. Thermal storage systems	F43532_sc2_p129 \$00	B40281_sc2_p129
l. Double-layer capacitors (DLC)	F43532_sc2_p130 \$00	B40281_sc2_p130
m. Superconducting magnetic energy storage (SMES)	F43532_sc2_p131 \$00	B40281_sc2_p131
n. All other energy storage technologies Specify all other energy storage technologies: F43532_sc2_p133	F43532_sc2_p132 \$00	B40281_sc2_p132

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Wholesaler — smart grid and energy storage technologies — sales of exported goods (continued)

Sales for wholesale of
exported goods
Rounded to the nearest
CAN\$

Number of units
sold outside
of Canada

Other

- o. All other smart grid and energy storage technologies
Specify all other smart grid and energy storage technologies:

F43532_sc2_p135

F43532_sc2_p134

B40281_sc2_p134

.....

\$.00

F43532_sc2_p136

Total

\$.00

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Manufacturer — bioenergy production equipment — domestic sales

53. Report sales of goods manufactured in Canada and the number of units sold within Canada.

Include machinery, equipment, products, and technologies.

	Sales of goods manufactured in Canada Rounded to the nearest CAN\$	Number of units sold within Canada
	F43531_sc1_p137	B40279_sc1_p137
a. Mixers and centrifuges	\$00	
	F43531_sc1_p138	B40279_sc1_p138
b. Filtration systems	\$00	
c. Biofuel reactors	F43531_sc1_p139	B40279_sc1_p139
e.g., distillation towers, pyrolyzers, catalyst beds, gasifiers, heat digesters	\$00	
	F43531_sc1_p140	B40279_sc1_p140
d. Washers	\$00	
	F43531_sc1_p141	B40279_sc1_p141
e. Dryers	\$00	
	F43531_sc1_p142	B40279_sc1_p142
f. Heaters	\$00	
	F43531_sc1_p143	B40279_sc1_p143
g. Storage systems	\$00	
	F43531_sc1_p144	B40279_sc1_p144
h. Shredders and chippers	\$00	
	F43531_sc1_p145	B40279_sc1_p145
i. Combined heat and power bioenergy systems	\$00	
	F43531_sc1_p146	B40279_sc1_p146
j. Domestic woodstoves	\$00	
	F43531_sc1_p147	B40279_sc1_p147
k. Biomass-fired industrial boilers	\$00	
	F43531_sc1_p148	B40279_sc1_p148
l. Anaerobic digesters	\$00	
m. All other bioenergy production equipment	F43531_sc1_p149	B40279_sc1_p149
Specify all other bioenergy production equipment:		
F43531_sc1_p150	\$00	
Total	F43531_sc1_p151 \$00	

Manufacturer — bioenergy production equipment — export sales

54. Report sales of exported goods manufactured in Canada and the number of units sold outside of Canada.

Include machinery, equipment, products, and technologies.

	Sales of exported goods manufactured in Canada Rounded to the nearest CAN\$	Number of units sold outside of Canada
	F43531_sc2_p137	B40279_sc2_p137
a. Mixers and centrifuges	\$00	
	F43531_sc2_p138	B40279_sc2_p138
b. Filtration systems	\$00	
c. Biofuel reactors	F43531_sc2_p139	B40279_sc2_p139
e.g., distillation towers, pyrolyzers, catalyst beds, gasifiers, heat digesters	\$00	
	F43531_sc2_p140	B40279_sc2_p140
d. Washers	\$00	
	F43531_sc2_p141	B40279_sc2_p141
e. Dryers	\$00	
	F43531_sc2_p142	B40279_sc2_p142
f. Heaters	\$00	
	F43531_sc2_p143	B40279_sc2_p143
g. Storage systems	\$00	
	F43531_sc2_p144	B40279_sc2_p144
h. Shredders and chippers	\$00	
	F43531_sc2_p145	B40279_sc2_p145
i. Combined heat and power bioenergy systems	\$00	
	F43531_sc2_p146	B40279_sc2_p146
j. Domestic woodstoves	\$00	
	F43531_sc2_p147	B40279_sc2_p147
k. Biomass-fired industrial boilers	\$00	
	F43531_sc2_p148	B40279_sc2_p148
l. Anaerobic digesters	\$00	
m. All other bioenergy production equipment	F43531_sc2_p149	B40279_sc2_p149
Specify all other bioenergy production equipment:		
F43531_sc2_p150		
	\$00	
	F43531_sc2_p151	
Total	\$00	

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Wholesaler — bioenergy production equipment — domestic sales of imported goods

55. Report sales for wholesale of imported goods and the number of units imported and sold within Canada.

Include machinery, equipment, products, and technologies.

	Sales for wholesale of imported goods Rounded to the nearest CAN\$	Number of units imported and sold within Canada
	F43532_sc3_p137	B40281_sc3_p137
a. Mixers and centrifuges	\$00	
	F43532_sc3_p138	B40281_sc3_p138
b. Filtration systems	\$00	
c. Biofuel reactors	F43532_sc3_p139	B40281_sc3_p139
e.g., distillation towers, pyrolyzers, catalyst beds, gasifiers, heat digesters	\$00	
	F43532_sc3_p140	B40281_sc3_p140
d. Washers	\$00	
	F43532_sc3_p141	B40281_sc3_p141
e. Dryers	\$00	
	F43532_sc3_p142	B40281_sc3_p142
f. Heaters	\$00	
	F43532_sc3_p143	B40281_sc3_p143
g. Storage systems	\$00	
	F43532_sc3_p144	B40281_sc3_p144
h. Shredders and chippers	\$00	
	F43532_sc3_p145	B40281_sc3_p145
i. Combined heat and power bioenergy systems	\$00	
	F43532_sc3_p146	B40281_sc3_p146
j. Domestic woodstoves	\$00	
	F43532_sc3_p147	B40281_sc3_p147
k. Biomass-fired industrial boilers	\$00	
	F43532_sc3_p148	B40281_sc3_p148
l. Anaerobic digesters	\$00	
m. All other bioenergy production equipment		
Specify all other bioenergy production equipment:		
F43532_sc3_p150	F43532_sc3_p149	B40281_sc3_p149
	\$00	
	F43532_sc3_p151	
Total	\$00	

Wholesaler — bioenergy production equipment — domestic sales of domestic goods

56. Report sales for wholesale of domestic goods and the number of units sourced and sold within Canada.

Include machinery, equipment, products, and technologies.

	Sales for wholesale of domestic goods Rounded to the nearest CAN\$	Number of units sourced and sold within Canada
	F43532_sc1_p137	B40281_sc1_p137
a. Mixers and centrifuges	\$00	
	F43532_sc1_p138	B40281_sc1_p138
b. Filtration systems	\$00	
c. Biofuel reactors	F43532_sc1_p139	B40281_sc1_p139
e.g., distillation towers, pyrolyzers, catalyst beds, gasifiers, heat digesters	\$00	
	F43532_sc1_p140	B40281_sc1_p140
d. Washers	\$00	
	F43532_sc1_p141	B40281_sc1_p141
e. Dryers	\$00	
	F43532_sc1_p142	B40281_sc1_p142
f. Heaters	\$00	
	F43532_sc1_p143	B40281_sc1_p143
g. Storage systems	\$00	
	F43532_sc1_p144	B40281_sc1_p144
h. Shredders and chippers	\$00	
	F43532_sc1_p145	B40281_sc1_p145
i. Combined heat and power bioenergy systems	\$00	
	F43532_sc1_p146	B40281_sc1_p146
j. Domestic woodstoves	\$00	
	F43532_sc1_p147	B40281_sc1_p147
k. Biomass-fired industrial boilers	\$00	
	F43532_sc1_p148	B40281_sc1_p148
l. Anaerobic digesters	\$00	
m. All other bioenergy production equipment	F43532_sc1_p149	B40281_sc1_p149
Specify all other bioenergy production equipment:		
F43532_sc1_p150	\$00	
	F43532_sc1_p151	
Total	\$00	

Wholesaler — bioenergy production equipment — sales of exported goods

57. Report sales for wholesale of exported goods and the number of units sold outside of Canada.

Include machinery, equipment, products, and technologies.

	Sales for wholesale of exported goods Rounded to the nearest CAN\$	Number of units sold outside of Canada
	F43532_sc2_p137	B40281_sc2_p137
a. Mixers and centrifuges	\$00	.....
	F43532_sc2_p138	B40281_sc2_p138
b. Filtration systems	\$00	.....
c. Biofuel reactors	F43532_sc2_p139	B40281_sc2_p139
e.g., distillation towers, pyrolyzers, catalyst beds, gasifiers, heat digesters	\$00	.....
	F43532_sc2_p140	B40281_sc2_p140
d. Washers	\$00	.....
	F43532_sc2_p141	B40281_sc2_p141
e. Dryers	\$00	.....
	F43532_sc2_p142	B40281_sc2_p142
f. Heaters	\$00	.....
	F43532_sc2_p143	B40281_sc2_p143
g. Storage systems	\$00	.....
	F43532_sc2_p144	B40281_sc2_p144
h. Shredders and chippers	\$00	.....
	F43532_sc2_p145	B40281_sc2_p145
i. Combined heat and power bioenergy systems	\$00	.....
	F43532_sc2_p146	B40281_sc2_p146
j. Domestic woodstoves	\$00	.....
	F43532_sc2_p147	B40281_sc2_p147
k. Biomass-fired industrial boilers	\$00	.....
	F43532_sc2_p148	B40281_sc2_p148
l. Anaerobic digesters	\$00	.....
m. All other bioenergy production equipment	F43532_sc2_p149	B40281_sc2_p149
Specify all other bioenergy production equipment:		
F43532_sc2_p150	\$00	.....
	F43532_sc2_p151	
Total	\$00	

Manufacturer — biofuel, biochemical and biomaterial production — domestic sales

58. Report sales of goods manufactured in Canada and the quantity sold within Canada.

Include sales of fuels.

Specify unit of measure.

	Sales of goods manufactured in Canada Rounded to the nearest CAN\$	Unit of measure	Quantity sold within Canada
Bioenergy and biofuels			
	F43531_sc1_p152	B40283_sc1_p152	B40279_sc1_p152
a. Pellets, chips, cubes, briquettes	\$.00		
	F43531_sc1_p153	B40283_sc1_p153	B40279_sc1_p153
b. Energy logs	\$.00		
	F43531_sc1_p154	B40283_sc1_p154	B40279_sc1_p154
c. Biocoal	\$.00		
	F43531_sc1_p155	B40283_sc1_p155	B40279_sc1_p155
d. Ethanol, cellulosic ethanol	\$.00		
	F43531_sc1_p156	B40283_sc1_p156	B40279_sc1_p156
e. Biodiesel	\$.00		
	F43531_sc1_p157	B40283_sc1_p157	B40279_sc1_p157
f. Renewable diesel	\$.00		
	F43531_sc1_p158	B40283_sc1_p158	B40279_sc1_p158
g. Synthetic Fuels e.g., DME, Fisher Tropsch fuels, Biojet fuels	\$.00		
	F43531_sc1_p159	B40283_sc1_p159	B40279_sc1_p159
h. Bio-oil, pyrolytic oil, biomethanol	\$.00		
	F43531_sc1_p160	B40283_sc1_p160	B40279_sc1_p160
i. Biobutanol	\$.00		
	F43531_sc1_p161	B40283_sc1_p161	B40279_sc1_p161
j. Biogas	\$.00		
	F43531_sc1_p162	B40283_sc1_p162	B40279_sc1_p162
k. Renewable natural gas (biomethane)	\$.00		
	F43531_sc1_p163	B40283_sc1_p163	B40279_sc1_p163
l. Syngas	\$.00		
	F43531_sc1_p164	B40283_sc1_p164	B40279_sc1_p164
m. Biohydrogen	\$.00		
n. All other bioenergy and biofuels Specify all other bioenergy and biofuels:			
F43531_sc1_p165	F43531_sc1_p166	B40283_sc1_p166	B40279_sc1_p166
	\$.00		
Biochemicals			
	F43531_sc1_p167	B40283_sc1_p167	B40279_sc1_p167
o. Aromatics, amino and organic acids, phenols, polyols	\$.00		
	F43531_sc1_p168	B40283_sc1_p168	B40279_sc1_p168
p. Cellulose, hemicellulose, lignin	\$.00		
	F43531_sc1_p169	B40283_sc1_p169	B40279_sc1_p169
q. Biochar	\$.00		

...continues on next page

Manufacturer — biofuel, biochemical and biomaterial production — domestic sales (continued)

Biochemicals (continued)

	Sales of goods manufactured in Canada Rounded to the nearest CAN\$	Unit of measure	Quantity sold within Canada
r. Bio-oils, lubricants	F43531_sc1_p170 \$.00	B40283_sc1_p170	B40279_sc1_p170
s. Solvents, adhesives, paints, coatings	F43531_sc1_p171 \$.00	B40283_sc1_p171	B40279_sc1_p171
t. Biopolymers and resins	F43531_sc1_p172 \$.00	B40283_sc1_p172	B40279_sc1_p172
u. Biopesticides	F43531_sc1_p173 \$.00	B40283_sc1_p173	B40279_sc1_p173
v. Biostimulants	F43531_sc1_p174 \$.00	B40283_sc1_p174	B40279_sc1_p174
w. Additives and catalysts e.g., sodium hydroxide, potassium hydroxide, enzymes	F43531_sc1_p175 \$.00	B40283_sc1_p175	B40279_sc1_p175
x. All other biochemicals Specify all other biochemicals: F43531_sc1_p176	F43531_sc1_p177 \$.00	B40283_sc1_p177	B40279_sc1_p177

Biomaterials

y. Mats, cellulose products	F43531_sc1_p178 \$.00	B40283_sc1_p178	B40279_sc1_p178
z. Bio-based auto parts, building materials, panels, cross-laminated timber	F43531_sc1_p179 \$.00	B40283_sc1_p179	B40279_sc1_p179
aa. Plastics, films, foams, hydrogels	F43531_sc1_p180 \$.00	B40283_sc1_p180	B40279_sc1_p180
ab. Nanomaterials and nanocomposites	F43531_sc1_p181 \$.00	B40283_sc1_p181	B40279_sc1_p181
ac. Nanocrystalline cellulose	F43531_sc1_p182 \$.00	B40283_sc1_p182	B40279_sc1_p182
ad. All other biomaterials Specify all other biomaterials: F43531_sc1_p183	F43531_sc1_p184 \$.00	B40283_sc1_p184	B40279_sc1_p184

Other

ae. All other biofuel, biomaterial and biochemical
production
Specify all other biofuel, biomaterial and
biochemical production:

F43531_sc1_p185	F43531_sc1_p186 \$.00	B40283_sc1_p186	B40279_sc1_p186
F43531_sc1_p187	\$.00		
Total	\$.00		

Manufacturer — biofuel, biochemical and biomaterial production — export sales

59. Report sales of exported goods manufactured in Canada and the quantity sold outside of Canada.

Include sales of fuels.
Specify unit of measure.

	Sales of exported goods manufactured in Canada Rounded to the nearest CAN\$	Unit of measure	Quantity sold outside of Canada
Bioenergy and biofuels			
	F43531_sc2_p152	B40283_sc2_p152	B40279_sc2_p152
a. Pellets, chips, cubes, briquettes	\$ <input type="text"/> .00	<input type="text"/>	<input type="text"/>
	F43531_sc2_p153	B40283_sc2_p153	B40279_sc2_p153
b. Energy logs	\$ <input type="text"/> .00	<input type="text"/>	<input type="text"/>
	F43531_sc2_p154	B40283_sc2_p154	B40279_sc2_p154
c. Biocoal	\$ <input type="text"/> .00	<input type="text"/>	<input type="text"/>
	F43531_sc2_p155	B40283_sc2_p155	B40279_sc2_p155
d. Ethanol, cellulosic ethanol	\$ <input type="text"/> .00	<input type="text"/>	<input type="text"/>
	F43531_sc2_p156	B40283_sc2_p156	B40279_sc2_p156
e. Biodiesel	\$ <input type="text"/> .00	<input type="text"/>	<input type="text"/>
	F43531_sc2_p157	B40283_sc2_p157	B40279_sc2_p157
f. Renewable diesel	\$ <input type="text"/> .00	<input type="text"/>	<input type="text"/>
	F43531_sc2_p158	B40283_sc2_p158	B40279_sc2_p158
g. Synthetic Fuels e.g., DME, Fisher Tropsch fuels, Biojet fuels	\$ <input type="text"/> .00	<input type="text"/>	<input type="text"/>
	F43531_sc2_p159	B40283_sc2_p159	B40279_sc2_p159
h. Bio-oil, pyrolytic oil, biomethanol	\$ <input type="text"/> .00	<input type="text"/>	<input type="text"/>
	F43531_sc2_p160	B40283_sc2_p160	B40279_sc2_p160
i. Biobutanol	\$ <input type="text"/> .00	<input type="text"/>	<input type="text"/>
	F43531_sc2_p161	B40283_sc2_p161	B40279_sc2_p161
j. Biogas	\$ <input type="text"/> .00	<input type="text"/>	<input type="text"/>
	F43531_sc2_p162	B40283_sc2_p162	B40279_sc2_p162
k. Renewable natural gas (biomethane)	\$ <input type="text"/> .00	<input type="text"/>	<input type="text"/>
	F43531_sc2_p163	B40283_sc2_p163	B40279_sc2_p163
l. Syngas	\$ <input type="text"/> .00	<input type="text"/>	<input type="text"/>
	F43531_sc2_p164	B40283_sc2_p164	B40279_sc2_p164
m. Biohydrogen	\$ <input type="text"/> .00	<input type="text"/>	<input type="text"/>
n. All other bioenergy and biofuels Specify all other bioenergy and biofuels:			
	F43531_sc2_p165	B40283_sc2_p166	B40279_sc2_p166
<input type="text"/>	\$ <input type="text"/> .00	<input type="text"/>	<input type="text"/>
Biochemicals			
	F43531_sc2_p167	B40283_sc2_p167	B40279_sc2_p167
o. Aromatics, amino and organic acids, phenols, polyols	\$ <input type="text"/> .00	<input type="text"/>	<input type="text"/>
	F43531_sc2_p168	B40283_sc2_p168	B40279_sc2_p168
p. Cellulose, hemicellulose, lignin	\$ <input type="text"/> .00	<input type="text"/>	<input type="text"/>
	F43531_sc2_p169	B40283_sc2_p169	B40279_sc2_p169
q. Biochar	\$ <input type="text"/> .00	<input type="text"/>	<input type="text"/>

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Manufacturer — biofuel, biochemical and biomaterial production — export sales (continued)

	Sales of exported goods manufactured in Canada Rounded to the nearest CAN\$	Unit of measure	Quantity sold outside of Canada
Biochemicals (continued)			
r. Bio-oils, lubricants	F43531_sc2_p170 \$.00	B40283_sc2_p170	B40279_sc2_p170
s. Solvents, adhesives, paints, coatings	F43531_sc2_p171 \$.00	B40283_sc2_p171	B40279_sc2_p171
t. Biopolymers and resins	F43531_sc2_p172 \$.00	B40283_sc2_p172	B40279_sc2_p172
u. Biopesticides	F43531_sc2_p173 \$.00	B40283_sc2_p173	B40279_sc2_p173
v. Biostimulants	F43531_sc2_p174 \$.00	B40283_sc2_p174	B40279_sc2_p174
w. Additives and catalysts e.g., sodium hydroxide, potassium hydroxide, enzymes	F43531_sc2_p175 \$.00	B40283_sc2_p175	B40279_sc2_p175
x. All other biochemicals Specify all other biochemicals: F43531_sc2_p176	F43531_sc2_p177 \$.00	B40283_sc2_p177	B40279_sc2_p177
Biomaterials			
y. Mats, cellulose products	F43531_sc2_p178 \$.00	B40283_sc2_p178	B40279_sc2_p178
z. Bio-based auto parts, building materials, panels, cross-laminated timber	F43531_sc2_p179 \$.00	B40283_sc2_p179	B40279_sc2_p179
aa. Plastics, films, foams, hydrogels	F43531_sc2_p180 \$.00	B40283_sc2_p180	B40279_sc2_p180
ab. Nanomaterials and nanocomposites	F43531_sc2_p181 \$.00	B40283_sc2_p181	B40279_sc2_p181
ac. Nanocrystalline cellulose	F43531_sc2_p182 \$.00	B40283_sc2_p182	B40279_sc2_p182
ad. All other biomaterials Specify all other biomaterials: F43531_sc2_p183	F43531_sc2_p184 \$.00	B40283_sc2_p184	B40279_sc2_p184
Other			
ae. All other biofuel, biomaterial and biochemical production Specify all other biofuel, biomaterial and biochemical production: F43531_sc2_p185	F43531_sc2_p186 \$.00	B40283_sc2_p186	B40279_sc2_p186
Total	F43531_sc2_p187 \$.00		

Wholesaler — biofuel, biochemical and biomaterial production — domestic sales of imported goods

60. Report sales for wholesale of imported goods and the quantity imported and sold within Canada.

Include sales of fuels.
Specify unit of measure.

	Sales for wholesale of imported goods Rounded to the nearest CAN\$	Unit of measure	Quantity imported and sold within Canada
Bioenergy and biofuels			
	F43532_sc3_p152	B40284_sc3_p152	B40281_sc3_p152
a. Pellets, chips, cubes, briquettes	\$.00		
	F43532_sc3_p153	B40284_sc3_p153	B40281_sc3_p153
b. Energy logs	\$.00		
	F43532_sc3_p154	B40284_sc3_p154	B40281_sc3_p154
c. Biocoal	\$.00		
	F43532_sc3_p155	B40284_sc3_p155	B40281_sc3_p155
d. Ethanol, cellulosic ethanol	\$.00		
	F43532_sc3_p156	B40284_sc3_p156	B40281_sc3_p156
e. Biodiesel	\$.00		
	F43532_sc3_p157	B40284_sc3_p157	B40281_sc3_p157
f. Renewable diesel	\$.00		
	F43532_sc3_p158	B40284_sc3_p158	B40281_sc3_p158
g. Synthetic Fuels e.g., DME, Fisher Tropsch fuels, Biojet fuels	\$.00		
	F43532_sc3_p159	B40284_sc3_p159	B40281_sc3_p159
h. Bio-oil, pyrolytic oil, biomethanol	\$.00		
	F43532_sc3_p160	B40284_sc3_p160	B40281_sc3_p160
i. Biobutanol	\$.00		
	F43532_sc3_p161	B40284_sc3_p161	B40281_sc3_p161
j. Biogas	\$.00		
	F43532_sc3_p162	B40284_sc3_p162	B40281_sc3_p162
k. Renewable natural gas (biomethane)	\$.00		
	F43532_sc3_p163	B40284_sc3_p163	B40281_sc3_p163
l. Syngas	\$.00		
	F43532_sc3_p164	B40284_sc3_p164	B40281_sc3_p164
m. Biohydrogen	\$.00		
n. All other bioenergy and biofuels Specify all other bioenergy and biofuels:			
F43532_sc3_p165	F43532_sc3_p166	B40284_sc3_p166	B40281_sc3_p166
	\$.00		
Biochemicals			
	F43532_sc3_p167	B40284_sc3_p167	B40281_sc3_p167
o. Aromatics, amino and organic acids, phenols, polyols	\$.00		
	F43532_sc3_p168	B40284_sc3_p168	B40281_sc3_p168
p. Cellulose, hemicellulose, lignin	\$.00		
	F43532_sc3_p169	B40284_sc3_p169	B40281_sc3_p169
q. Biochar	\$.00		

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Wholesaler — biofuel, biochemical and biomaterial production — domestic sales of imported goods (continued)

	Sales for wholesale of imported goods Rounded to the nearest CAN\$	Unit of measure	Quantity imported and sold within Canada
Biochemicals (continued)			
r. Bio-oils, lubricants	F43532_sc3_p170 \$.00	B40284_sc3_p170	B40281_sc3_p170
s. Solvents, adhesives, paints, coatings	F43532_sc3_p171 \$.00	B40284_sc3_p171	B40281_sc3_p171
t. Biopolymers and resins	F43532_sc3_p172 \$.00	B40284_sc3_p172	B40281_sc3_p172
u. Biopesticides	F43532_sc3_p173 \$.00	B40284_sc3_p173	B40281_sc3_p173
v. Biostimulants	F43532_sc3_p174 \$.00	B40284_sc3_p174	B40281_sc3_p174
w. Additives and catalysts e.g., sodium hydroxide, potassium hydroxide, enzymes	F43532_sc3_p175 \$.00	B40284_sc3_p175	B40281_sc3_p175
x. All other biochemicals Specify all other biochemicals: F43532_sc3_p176	F43532_sc3_p177 \$.00	B40284_sc3_p177	B40281_sc3_p177
Biomaterials			
y. Mats, cellulose products	F43532_sc3_p178 \$.00	B40284_sc3_p178	B40281_sc3_p178
z. Bio-based auto parts, building materials, panels, cross-laminated timber	F43532_sc3_p179 \$.00	B40284_sc3_p179	B40281_sc3_p179
aa. Plastics, films, foams, hydrogels	F43532_sc3_p180 \$.00	B40284_sc3_p180	B40281_sc3_p180
ab. Nanomaterials and nanocomposites	F43532_sc3_p181 \$.00	B40284_sc3_p181	B40281_sc3_p181
ac. Nanocrystalline cellulose	F43532_sc3_p182 \$.00	B40284_sc3_p182	B40281_sc3_p182
ad. All other biomaterials Specify all other biomaterials: F43532_sc3_p183	F43532_sc3_p184 \$.00	B40284_sc3_p184	B40281_sc3_p184
Other			
ae. All other biofuel, biomaterial and biochemical production Specify all other biofuel, biomaterial and biochemical production: F43532_sc3_p185	F43532_sc3_p186 \$.00	B40284_sc3_p186	B40281_sc3_p186
Total	F43531_sc3_p187 \$.00		

Wholesaler — biofuel, biochemical and biomaterial production — domestic sales of domestic goods

61. Report sales for wholesale of domestic goods and the quantity sourced and sold within Canada.

Include sales of fuels.
Specify unit of measure.

	Sales for wholesale of domestic goods Rounded to the nearest CAN\$	Unit of measure	Quantity sourced and sold within Canada
Bioenergy and biofuels			
	F43532_sc1_p152	B40284_sc1_p152	B40281_sc1_p152
a. Pellets, chips, cubes, briquettes	\$.00		
	F43532_sc1_p153	B40284_sc1_p153	B40281_sc1_p153
b. Energy logs	\$.00		
	F43532_sc1_p154	B40284_sc1_p154	B40281_sc1_p154
c. Biocoal	\$.00		
	F43532_sc1_p155	B40284_sc1_p155	B40281_sc1_p155
d. Ethanol, cellulosic ethanol	\$.00		
	F43532_sc1_p156	B40284_sc1_p156	B40281_sc1_p156
e. Biodiesel	\$.00		
	F43532_sc1_p157	B40284_sc1_p157	B40281_sc1_p157
f. Renewable diesel	\$.00		
	F43532_sc1_p158	B40284_sc1_p158	B40281_sc1_p158
g. Synthetic Fuels e.g., DME, Fisher Tropsch fuels, Biojet fuels	\$.00		
	F43532_sc1_p159	B40284_sc1_p159	B40281_sc1_p159
h. Bio-oil, pyrolytic oil, biomethanol	\$.00		
	F43532_sc1_p160	B40284_sc1_p160	B40281_sc1_p160
i. Biobutanol	\$.00		
	F43532_sc1_p161	B40284_sc1_p161	B40281_sc1_p161
j. Biogas	\$.00		
	F43532_sc1_p162	B40284_sc1_p162	B40281_sc1_p162
k. Renewable natural gas (biomethane)	\$.00		
	F43532_sc1_p163	B40284_sc1_p163	B40281_sc1_p163
l. Syngas	\$.00		
	F43532_sc1_p164	B40284_sc1_p164	B40281_sc1_p164
m. Biohydrogen	\$.00		
n. All other bioenergy and biofuels Specify all other bioenergy and biofuels:			
F43532_sc1_p165	F43532_sc1_p166	B40284_sc1_p166	B40281_sc1_p166
	\$.00		
Biochemicals			
	F43532_sc1_p167	B40284_sc1_p167	B40281_sc1_p167
o. Aromatics, amino and organic acids, phenols, polyols	\$.00		
	F43532_sc1_p168	B40284_sc1_p168	B40281_sc1_p168
p. Cellulose, hemicellulose, lignin	\$.00		
	F43532_sc1_p169	B40284_sc1_p169	B40281_sc1_p169
q. Biochar	\$.00		

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Wholesaler — biofuel, biochemical and biomaterial production — domestic sales of domestic goods (continued)

	Sales for wholesale of domestic goods Rounded to the nearest CAN\$	Unit of measure	Quantity sourced and sold within Canada
Biochemicals (continued)			
r. Bio-oils, lubricants	F43532_sc1_p170 \$.00	B40284_sc1_p170	B40281_sc1_p170
s. Solvents, adhesives, paints, coatings	F43532_sc1_p171 \$.00	B40284_sc1_p171	B40281_sc1_p171
t. Biopolymers and resins	F43532_sc1_p172 \$.00	B40284_sc1_p172	B40281_sc1_p172
u. Biopesticides	F43532_sc1_p173 \$.00	B40284_sc1_p173	B40281_sc1_p173
v. Biostimulants	F43532_sc1_p174 \$.00	B40284_sc1_p174	B40281_sc1_p174
w. Additives and catalysts e.g., sodium hydroxide, potassium hydroxide, enzymes	F43532_sc1_p175 \$.00	B40284_sc1_p175	B40281_sc1_p175
x. All other biochemicals Specify all other biochemicals: F43532_sc1_p176	F43532_sc1_p177 \$.00	B40284_sc1_p177	B40281_sc1_p177
Biomaterials			
y. Mats, cellulose products	F43532_sc1_p178 \$.00	B40284_sc1_p178	B40281_sc1_p178
z. Bio-based auto parts, building materials, panels, cross-laminated timber	F43532_sc1_p179 \$.00	B40284_sc1_p179	B40281_sc1_p179
aa. Plastics, films, foams, hydrogels	F43532_sc1_p180 \$.00	B40284_sc1_p180	B40281_sc1_p180
ab. Nanomaterials and nanocomposites	F43532_sc1_p181 \$.00	B40284_sc1_p181	B40281_sc1_p181
ac. Nanocrystalline cellulose	F43532_sc1_p182 \$.00	B40284_sc1_p182	B40281_sc1_p182
ad. All other biomaterials Specify all other biomaterials: F43532_sc1_p183	F43532_sc1_p184 \$.00	B40284_sc1_p184	B40281_sc1_p184
Other			
ae. All other biofuel, biomaterial and biochemical production Specify all other biofuel, biomaterial and biochemical production: F43532_sc1_p185	F43532_sc1_p186 \$.00	B40284_sc1_p186	B40281_sc1_p186
Total	F43532_sc1_p187 \$.00		

Wholesaler — biofuel, biochemical and biomaterial production — sales of exported goods

62. Report sales for wholesale of exported goods and the quantity sold outside of Canada.

Include sales of fuels.
Specify unit of measure.

	Sales for wholesale of exported goods Rounded to the nearest CAN\$	Unit of measure	Quantity sold outside of Canada
Bioenergy and biofuels			
	F43532_sc2_p152	B40284_sc2_p152	B40281_sc2_p152
a. Pellets, chips, cubes, briquettes	\$.00		
	F43532_sc2_p153	B40284_sc2_p153	B40281_sc2_p153
b. Energy logs	\$.00		
	F43532_sc2_p154	B40284_sc2_p154	B40281_sc2_p154
c. Biocoal	\$.00		
	F43532_sc2_p155	B40284_sc2_p155	B40281_sc2_p155
d. Ethanol, cellulosic ethanol	\$.00		
	F43532_sc2_p156	B40284_sc2_p156	B40281_sc2_p156
e. Biodiesel	\$.00		
	F43532_sc2_p157	B40284_sc2_p157	B40281_sc2_p157
f. Renewable diesel	\$.00		
	F43532_sc2_p158	B40284_sc2_p158	B40281_sc2_p158
g. Synthetic Fuels e.g., DME, Fisher Tropsch fuels, Biojet fuels	\$.00		
	F43532_sc2_p159	B40284_sc2_p159	B40281_sc2_p159
h. Bio-oil, pyrolytic oil, biomethanol	\$.00		
	F43532_sc2_p160	B40284_sc2_p160	B40281_sc2_p160
i. Biobutanol	\$.00		
	F43532_sc2_p161	B40284_sc2_p161	B40281_sc2_p161
j. Biogas	\$.00		
	F43532_sc2_p162	B40284_sc2_p162	B40281_sc2_p162
k. Renewable natural gas (biomethane)	\$.00		
	F43532_sc2_p163	B40284_sc2_p163	B40281_sc2_p163
l. Syngas	\$.00		
	F43532_sc2_p164	B40284_sc2_p164	B40281_sc2_p164
m. Biohydrogen	\$.00		
n. All other bioenergy and biofuels Specify all other bioenergy and biofuels:			
F43532_sc2_p165	F43532_sc2_p166	B40284_sc2_p166	B40281_sc2_p166
	\$.00		
Biochemicals			
	F43532_sc2_p167	B40284_sc2_p167	B40281_sc2_p167
o. Aromatics, amino and organic acids, phenols, polyols	\$.00		
	F43532_sc2_p168	B40284_sc2_p168	B40281_sc2_p168
p. Cellulose, hemicellulose, lignin	\$.00		
	F43532_sc2_p169	B40284_sc2_p169	B40281_sc2_p169
q. Biochar	\$.00		

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Wholesaler — biofuel, biochemical and biomaterial production — sales of exported goods (continued)

	Sales for wholesale of exported goods Rounded to the nearest CAN\$	Unit of measure	Quantity sold outside of Canada
Biochemicals (continued)			
r. Bio-oils, lubricants	F43532_sc2_p170 \$00	B40284_sc2_p170	B40281_sc2_p170
s. Solvents, adhesives, paints, coatings	F43532_sc2_p171 \$00	B40284_sc2_p171	B40281_sc2_p171
t. Biopolymers and resins	F43532_sc2_p172 \$00	B40284_sc2_p172	B40281_sc2_p172
u. Biopesticides	F43532_sc2_p173 \$00	B40284_sc2_p173	B40281_sc2_p173
v. Biostimulants	F43532_sc2_p174 \$00	B40284_sc2_p174	B40281_sc2_p174
w. Additives and catalysts e.g., sodium hydroxide, potassium hydroxide, enzymes	F43532_sc2_p175 \$00	B40284_sc2_p175	B40281_sc2_p175
x. All other biochemicals Specify all other biochemicals: F43532_sc2_p176	F43532_sc2_p177 \$00	B40284_sc2_p177	B40281_sc2_p177
Biomaterials			
y. Mats, cellulose products	F43532_sc2_p178 \$00	B40284_sc2_p178	B40281_sc2_p178
z. Bio-based auto parts, building materials, panels, cross-laminated timber	F43532_sc2_p179 \$00	B40284_sc2_p179	B40281_sc2_p179
aa. Plastics, films, foams, hydrogels	F43532_sc2_p180 \$00	B40284_sc2_p180	B40281_sc2_p180
ab. Nanomaterials and nanocomposites	F43532_sc2_p181 \$00	B40284_sc2_p181	B40281_sc2_p181
ac. Nanocrystalline cellulose	F43532_sc2_p182 \$00	B40284_sc2_p182	B40281_sc2_p182
ad. All other biomaterials Specify all other biomaterials: F43532_sc2_p183	F43532_sc2_p184 \$00	B40284_sc2_p184	B40281_sc2_p184
Other			
ae. All other biofuel, biomaterial and biochemical production Specify all other biofuel, biomaterial and biochemical production: F43532_sc2_p185	F43532_sc2_p186 \$00	B40284_sc2_p186	B40281_sc2_p186
Total	F43532_sc2_p187 \$00		

Manufacturer — precision agriculture technologies — domestic sales

63. Report sales of goods manufactured in Canada and the number of units sold within Canada.

Include machinery, equipment, products, and technologies.

a. Variable rate and precision equipment

e.g., seeders, fertilizer applicators and sprayers

**Sales of goods
manufactured in Canada
Rounded to the nearest
CAN\$**

F43531_sc1_p188

\$00

F43531_sc1_p189

\$00

F43531_sc1_p190

\$00

F43531_sc1_p191

\$00

F43531_sc1_p192

\$00

F43531_sc1_p193

\$00

g. All other precision agriculture technologies

Specify all other precision agriculture technologies:

F43531_sc1_p195

..... \$00

F43531_sc1_p194

\$00

F43531_sc1_p196

\$00

Total

**Number of units
sold within
Canada**

B40279_sc1_p188

B40279_sc1_p189

B40279_sc1_p190

B40279_sc1_p191

B40279_sc1_p192

B40279_sc1_p193

B40279_sc1_p194

Manufacturer — precision agriculture technologies — export sales

64. Report sales of exported goods manufactured in Canada and the number of units sold outside of Canada.

Include machinery, equipment, products, and technologies.

a. Variable rate and precision equipment

e.g., seeders, fertilizer applicators and sprayers

**Sales of exported goods
manufactured in Canada
Rounded to the nearest
CAN\$**

F43531_sc2_p188

\$00

F43531_sc2_p189

\$00

F43531_sc2_p190

\$00

F43531_sc2_p191

\$00

F43531_sc2_p192

\$00

F43531_sc2_p193

\$00

g. All other precision agriculture technologies

Specify all other precision agriculture technologies:

F43531_sc2_p195

..... \$00

F43531_sc2_p194

\$00

F43531_sc2_p196

\$00

Total

**Number of units
sold outside
of Canada**

B40279_sc2_p188

B40279_sc2_p189

B40279_sc2_p190

B40279_sc2_p191

B40279_sc2_p192

B40279_sc2_p193

B40279_sc2_p194

Wholesaler — precision agriculture technologies — domestic sales of imported goods

65. Report sales for wholesale of imported goods and the number of units imported and sold within Canada.

Include machinery, equipment, products, and technologies.

a. Variable rate and precision equipment

e.g., seeders, fertilizer applicators and sprayers

**Sales for wholesale of
imported goods
Rounded to the nearest
CAN\$**

F43532_sc3_p188

\$00

F43532_sc3_p189

\$00

F43532_sc3_p190

\$00

F43532_sc3_p191

\$00

F43532_sc3_p192

\$00

F43532_sc3_p193

\$00

c. Yield sensors

d. UAV and drones

e. Software packages

e.g., for yield maps, soil information

f. Livestock precision feeding technologies

e.g., RFID sensors, automated feeders

g. All other precision agriculture technologies

Specify all other precision agriculture technologies:

F43532_sc3_p195

..... \$00

F43532_sc3_p194

\$00

F43532_sc3_p196

\$00

Total

**Number of units
imported and sold
within Canada**

B40281_sc3_p188

B40281_sc3_p189

B40281_sc3_p190

B40281_sc3_p191

B40281_sc3_p192

B40281_sc3_p193

B40281_sc3_p194

Wholesaler — precision agriculture technologies — domestic sales of domestic goods

66. Report sales for wholesale of domestic goods and the number of units sourced and sold within Canada.

Include machinery, equipment, products, and technologies.

a. Variable rate and precision equipment

e.g., seeders, fertilizer applicators and sprayers

**Sales for wholesale of
domestic goods
Rounded to the nearest
CAN\$**

F43532_sc1_p188

\$00

F43532_sc1_p189

\$00

F43532_sc1_p190

\$00

F43532_sc1_p191

\$00

F43532_sc1_p192

\$00

F43532_sc1_p193

\$00

b. Crop canopy sensors

c. Yield sensors

d. UAV and drones

e. Software packages

e.g., for yield maps, soil information

f. Livestock precision feeding technologies

e.g., RFID sensors, automated feeders

g. All other precision agriculture technologies

Specify all other precision agriculture technologies:

F43532_sc1_p195

..... \$00

F43532_sc1_p194

\$00

F43532_sc1_p196

\$00

Total

**Number of units
sourced and sold
within Canada**

B40281_sc1_p188

B40281_sc1_p189

B40281_sc1_p190

B40281_sc1_p191

B40281_sc1_p192

B40281_sc1_p193

B40281_sc1_p194

Wholesaler — precision agriculture technologies — sales of exported goods

67. Report sales for wholesale of exported goods and the number of units sold outside of Canada.

Include machinery, equipment, products, and technologies.

**Sales for wholesale of
exported goods
Rounded to the nearest
CAN\$**

**Number of units
sold outside
of Canada**

a. Variable rate and precision equipment

e.g., seeders, fertilizer applicators and sprayers

F43532_sc2_p188

\$00

B40281_sc2_p188

.....

F43532_sc2_p189

B40281_sc2_p189

b. Crop canopy sensors

\$00

F43532_sc2_p190

B40281_sc2_p190

c. Yield sensors

\$00

F43532_sc2_p191

B40281_sc2_p191

d. UAV and drones

\$00

F43532_sc2_p192

B40281_sc2_p192

e. Software packages

e.g., for yield maps, soil information

\$00

F43532_sc2_p193

B40281_sc2_p193

f. Livestock precision feeding technologies

e.g., RFID sensors, automated feeders

\$00

g. All other precision agriculture technologies

Specify all other precision agriculture technologies:

F43532_sc2_p195

.....

F43532_sc2_p194

\$00

B40281_sc2_p194

.....

F43532_sc2_p196

Total

\$00

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Manufacturer — energy efficiency technologies — domestic sales

68. Report sales of goods manufactured in Canada and the number of units sold within Canada.

Include machinery, equipment, products, and technologies.

	Sales of goods manufactured in Canada Rounded to the nearest CAN\$	Number of units sold within Canada
Efficient industrial equipment		
a. High efficiency burners and boilers	F43531_sc1_p197 \$.00	B40279_sc1_p197
b. High efficiency pumps and motors	F43531_sc1_p198 \$.00	B40279_sc1_p198
c. High efficiency industrial HVAC	F43531_sc1_p199 \$.00	B40279_sc1_p199
d. Combined heat and power and cogeneration	F43531_sc1_p200 \$.00	B40279_sc1_p200
e. High efficiency industrial lighting systems	F43531_sc1_p201 \$.00	B40279_sc1_p201
f. Batteries for portable devices	F43531_sc1_p202 \$.00	B40279_sc1_p202
g. Automation and control technologies	F43531_sc1_p203 \$.00	B40279_sc1_p203
h. All other efficient industrial equipment Specify all other efficient industrial equipment: F43531_sc1_p204	F43531_sc1_p205 \$.00	B40279_sc1_p205
Efficient commercial and residential equipment		
i. High efficiency commercial and residential HVAC	F43531_sc1_p206 \$.00	B40279_sc1_p206
j. High efficiency pumps and motors	F43531_sc1_p207 \$.00	B40279_sc1_p207
k. Energy efficient filters and processes	F43531_sc1_p208 \$.00	B40279_sc1_p208
l. High efficiency lighting systems	F43531_sc1_p209 \$.00	B40279_sc1_p209
m. Advanced insulation e.g., spray foam	F43531_sc1_p210 \$.00	B40279_sc1_p210
n. All other efficient commercial and residential equipment Specify all other efficient commercial and residential equipment: F43531_sc1_p211	F43531_sc1_p212 \$.00	B40279_sc1_p212

...continues on next page

Manufacturer — energy efficiency technologies — domestic sales (continued)

Other

- o. All other energy efficiency technologies
Specify all other energy efficiency technologies:

F43531_sc1_p213

F43531_sc1_p214

B40279_sc1_p214

\$00

F43531_sc1_p215

Total

\$00

Manufacturer — energy efficiency technologies — export sales

69. Report sales of exported goods manufactured in Canada and the number of units sold outside of Canada.

Include machinery, equipment, products, and technologies.

Efficient industrial equipment

- a. High efficiency burners and boilers

F43531_sc2_p197

B40279_sc2_p197

\$00

F43531_sc2_p198

B40279_sc2_p198

\$00

F43531_sc2_p199

B40279_sc2_p199

\$00

F43531_sc2_p200

B40279_sc2_p200

\$00

F43531_sc2_p201

B40279_sc2_p201

\$00

F43531_sc2_p202

B40279_sc2_p202

\$00

F43531_sc2_p203

B40279_sc2_p203

\$00

- g. Automation and control technologies

- h. All other efficient industrial equipment
Specify all other efficient industrial equipment:

F43531_sc2_p204

F43531_sc2_p205

B40279_sc2_p205

\$00

...continues on next page

Manufacturer — energy efficiency technologies — export sales (continued)

	Sales of exported goods manufactured in Canada Rounded to the nearest CAN\$	Number of units sold outside of Canada
Efficient commercial and residential equipment		
	F43531_sc2_p206	B40279_sc2_p206
i. High efficiency commercial and residential HVAC	\$00	.....
	F43531_sc2_p207	B40279_sc2_p207
j. High efficiency pumps and motors	\$00	.....
	F43531_sc2_p208	B40279_sc2_p208
k. Energy efficient filters and processes	\$00	.....
	F43531_sc2_p209	B40279_sc2_p209
l. High efficiency lighting systems	\$00	.....
	F43531_sc2_p210	B40279_sc2_p210
m. Advanced insulation e.g., spray foam	\$00	.....
n. All other efficient commercial and residential equipment Specify all other efficient commercial and residential equipment: F43531_sc2_p211	F43531_sc2_p212 \$00	B40279_sc2_p212
Other		
o. All other energy efficiency technologies Specify all other energy efficiency technologies: F43531_sc2_p213	F43531_sc2_p214 \$00	B40279_sc2_p214
Total	F43531_sc2_p215 \$00	

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Wholesaler — energy efficiency technologies — domestic sales of imported goods

70. Report sales for wholesale of imported goods and the number of units imported and sold within Canada.

Include machinery, equipment, products, and technologies.

	Sales for wholesale of imported goods Rounded to the nearest CAN\$	Number of units imported and sold within Canada
Efficient industrial equipment		
a. High efficiency burners and boilers	F43532_sc3_p197 \$.00	B40281_sc3_p197
b. High efficiency pumps and motors	F43532_sc3_p198 \$.00	B40281_sc3_p198
c. High efficiency industrial HVAC	F43532_sc3_p199 \$.00	B40281_sc3_p199
d. Combined heat and power and cogeneration	F43532_sc3_p200 \$.00	B40281_sc3_p200
e. High efficiency industrial lighting systems	F43532_sc3_p201 \$.00	B40281_sc3_p201
f. Batteries for portable devices	F43532_sc3_p202 \$.00	B40281_sc3_p202
g. Automation and control technologies	F43532_sc3_p203 \$.00	B40281_sc3_p203
h. All other efficient industrial equipment Specify all other efficient industrial equipment: F43532_sc3_p204	F43532_sc3_p205 \$.00	B40281_sc3_p205
Efficient commercial and residential equipment		
i. High efficiency commercial and residential HVAC	F43532_sc3_p206 \$.00	B40281_sc3_p206
j. High efficiency pumps and motors	F43532_sc3_p207 \$.00	B40281_sc3_p207
k. Energy efficient filters and processes	F43532_sc3_p208 \$.00	B40281_sc3_p208
l. High efficiency lighting systems	F43532_sc3_p209 \$.00	B40281_sc3_p209
m. Advanced insulation e.g., spray foam	F43532_sc3_p210 \$.00	B40281_sc3_p210
n. All other efficient commercial and residential equipment Specify all other efficient commercial and residential equipment: F43532_sc3_p211	F43532_sc3_p212 \$.00	B40281_sc3_p212

...continues on next page

Wholesaler — energy efficiency technologies — domestic sales of imported goods (continued)

Other

- o. All other energy efficiency technologies
Specify all other energy efficiency technologies:

F43532_sc3_p213

Sales for wholesale of
imported goods
Rounded to the nearest
CAN\$

F43532_sc3_p214

Number of units
imported and sold
within Canada

B40281_sc3_p214

Total

F43532_sc3_p215

Wholesaler — energy efficiency technologies — domestic sales of domestic goods

71. Report sales for wholesale of domestic goods and the number of units sourced and sold within Canada.

Include machinery, equipment, products, and technologies.

Efficient industrial equipment

a. High efficiency burners and boilers

F43532_sc1_p197

B40281_sc1_p197

b. High efficiency pumps and motors

F43532_sc1_p198

B40281_sc1_p198

c. High efficiency industrial HVAC

F43532_sc1_p199

B40281_sc1_p199

d. Combined heat and power and cogeneration

F43532_sc1_p200

B40281_sc1_p200

e. High efficiency industrial lighting systems

F43532_sc1_p201

B40281_sc1_p201

f. Batteries for portable devices

F43532_sc1_p202

B40281_sc1_p202

g. Automation and control technologies

F43532_sc1_p203

B40281_sc1_p203

h. All other efficient industrial equipment
Specify all other efficient industrial equipment:

F43532_sc1_p204

F43532_sc1_p205

B40281_sc1_p205

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Wholesaler — energy efficiency technologies — domestic sales of domestic goods (continued)

	Sales for wholesale of domestic goods Rounded to the nearest CAN\$	Number of units sourced and sold within Canada
Efficient commercial and residential equipment		
	F43532_sc1_p206	B40281_sc1_p206
i. High efficiency commercial and residential HVAC	\$00	.....
	F43532_sc1_p207	B40281_sc1_p207
j. High efficiency pumps and motors	\$00	.....
	F43532_sc1_p208	B40281_sc1_p208
k. Energy efficient filters and processes	\$00	.....
	F43532_sc1_p209	B40281_sc1_p209
l. High efficiency lighting systems	\$00	.....
	F43532_sc1_p210	B40281_sc1_p210
m. Advanced insulation e.g., spray foam	\$00	.....
n. All other efficient commercial and residential equipment Specify all other efficient commercial and residential equipment:		
F43532_sc1_p211	F43532_sc1_p212	B40281_sc1_p212
.....	\$00	.....
Other		
o. All other energy efficiency technologies Specify all other energy efficiency technologies:		
F43532_sc1_p213	F43532_sc1_p214	B40281_sc1_p214
.....	\$00
	F43532_sc1_p215	
Total	\$00	

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Wholesaler — energy efficiency technologies — sales of exported goods

72. Report sales for wholesale of exported goods and the number of units sold outside of Canada.

Include machinery, equipment, products, and technologies.

	Sales for wholesale of exported goods Rounded to the nearest CAN\$	Number of units sold outside of Canada
Efficient industrial equipment		
	F43532_sc2_p197	B40281_sc2_p197
a. High efficiency burners and boilers	\$.00	
	F43532_sc2_p198	B40281_sc2_p198
b. High efficiency pumps and motors	\$.00	
	F43532_sc2_p199	B40281_sc2_p199
c. High efficiency industrial HVAC	\$.00	
	F43532_sc2_p200	B40281_sc2_p200
d. Combined heat and power and cogeneration	\$.00	
	F43532_sc2_p201	B40281_sc2_p201
e. High efficiency industrial lighting systems	\$.00	
	F43532_sc2_p202	B40281_sc2_p202
f. Batteries for portable devices	\$.00	
	F43532_sc2_p203	B40281_sc2_p203
g. Automation and control technologies	\$.00	
h. All other efficient industrial equipment Specify all other efficient industrial equipment:		
F43532_sc2_p204	F43532_sc2_p205	B40281_sc2_p205
	\$.00	
Efficient commercial and residential equipment		
	F43532_sc2_p206	B40281_sc2_p206
i. High efficiency commercial and residential HVAC	\$.00	
	F43532_sc2_p207	B40281_sc2_p207
j. High efficiency pumps and motors	\$.00	
	F43532_sc2_p208	B40281_sc2_p208
k. Energy efficient filters and processes	\$.00	
	F43532_sc2_p209	B40281_sc2_p209
l. High efficiency lighting systems	\$.00	
	F43532_sc2_p210	B40281_sc2_p210
m. Advanced insulation e.g., spray foam	\$.00	
n. All other efficient commercial and residential equipment Specify all other efficient commercial and residential equipment:		
F43532_sc2_p211	F43532_sc2_p212	B40281_sc2_p212
	\$.00	

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Wholesaler — energy efficiency technologies — sales of exported goods (continued)

Sales for wholesale of
exported goods
Rounded to the nearest
CAN\$

Number of units
sold outside
of Canada

Other

- o. All other energy efficiency technologies
Specify all other energy efficiency technologies:

F43532_sc2_p213

F43532_sc2_p214

B40281_sc2_p214

..... \$.00

F43532_sc2_p215

Total

\$.00

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Manufacturer — transportation technologies — domestic sales

73. Report sales of goods manufactured in Canada and the number of units sold within Canada.

Include machinery, equipment, products, and technologies.

	Sales of goods manufactured in Canada Rounded to the nearest CAN\$	Number of units sold within Canada
Fuel efficient automotive equipment		
a. Fuel efficient engines and components Include electrification and hybrids.	F43531_sc1_p216 \$00	B40279_sc1_p216
b. Electric vehicle batteries	F43531_sc1_p217 \$00	B40279_sc1_p217
c. Electric vehicle - other components	F43531_sc1_p218 \$00	B40279_sc1_p218
d. Fuel cell vehicle FC stack	F43531_sc1_p219 \$00	B40279_sc1_p219
e. Fuel cell vehicle - other components	F43531_sc1_p220 \$00	B40279_sc1_p220
f. Automobile components using lightweight materials	F43531_sc1_p221 \$00	B40279_sc1_p221
g. Electric vehicle infrastructure e.g., charging stations	F43531_sc1_p222 \$00	B40279_sc1_p222
h. Alternative fuel and refuelling infrastructure Include hydrogen and natural gas.	F43531_sc1_p223 \$00	B40279_sc1_p223
i. LNG and CNG engines	F43531_sc1_p224 \$00	B40279_sc1_p224
j. LNG and CNG tanks	F43531_sc1_p225 \$00	B40279_sc1_p225
k. LNG and CNG control systems	F43531_sc1_p226 \$00	B40279_sc1_p226
l. Aerodynamic devices	F43531_sc1_p227 \$00	B40279_sc1_p227
m. Auxiliary power units	F43531_sc1_p228 \$00	B40279_sc1_p228
n. Engine control modules	F43531_sc1_p229 \$00	B40279_sc1_p229
o. Low rolling resistance tires	F43531_sc1_p230 \$00	B40279_sc1_p230
p. Vehicle emission monitoring	F43531_sc1_p231 \$00	B40279_sc1_p231
q. All other fuel efficient automotive equipment Specify all other fuel efficient automotive equipment: F43531_sc1_p232	F43531_sc1_p232 \$00	B40279_sc1_p232

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Manufacturer — transportation technologies — domestic sales (continued)

	Sales of goods manufactured in Canada Rounded to the nearest CAN\$	Number of units sold within Canada
Fuel efficient aerospace equipment		
r. Efficient turbines	F43531_sc1_p234 \$00	B40279_sc1_p234
s. Fuel efficient engines Include electrification and other alternative fuels.	F43531_sc1_p235 \$00	B40279_sc1_p235
t. Aircraft components using lightweight materials	F43531_sc1_p236 \$00	B40279_sc1_p236
u. Powder metallurgy, coatings, polishing, anodizing for fuel ef- ficiency	F43531_sc1_p237 \$00	B40279_sc1_p237
v. Composite materials	F43531_sc1_p238 \$00	B40279_sc1_p238
w. All other fuel efficient aerospace equipment Specify all other fuel efficient aerospace equipment: F43531_sc1_p239	F43531_sc1_p240 \$00	B40279_sc1_p240
Other		
x. All other transportation technologies Specify all other transportation technologies: F43531_sc1_p242	F43531_sc1_p241 \$00	B40279_sc1_p241
Total	F43531_sc1_p243 \$00	

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Manufacturer — transportation technologies — export sales

74. Report sales of exported goods manufactured in Canada and the number of units sold outside of Canada.

Include machinery, equipment, products, and technologies.

	Sales of exported goods manufactured in Canada Rounded to the nearest CAN\$	Number of units sold outside of Canada
Fuel efficient automotive equipment		
a. Fuel efficient engines and components Include electrification and hybrids.	F43531_sc2_p216 \$00	B40279_sc2_p216
b. Electric vehicle batteries	F43531_sc2_p217 \$00	B40279_sc2_p217
c. Electric vehicle - other components	F43531_sc2_p218 \$00	B40279_sc2_p218
d. Fuel cell vehicle FC stack	F43531_sc2_p219 \$00	B40279_sc2_p219
e. Fuel cell vehicle - other components	F43531_sc2_p220 \$00	B40279_sc2_p220
f. Automobile components using lightweight materials	F43531_sc2_p221 \$00	B40279_sc2_p221
g. Electric vehicle infrastructure e.g., charging stations	F43531_sc2_p222 \$00	B40279_sc2_p222
h. Alternative fuel and refuelling infrastructure Include hydrogen and natural gas.	F43531_sc2_p223 \$00	B40279_sc2_p223
i. LNG and CNG engines	F43531_sc2_p224 \$00	B40279_sc2_p224
j. LNG and CNG tanks	F43531_sc2_p225 \$00	B40279_sc2_p225
k. LNG and CNG control systems	F43531_sc2_p226 \$00	B40279_sc2_p226
l. Aerodynamic devices	F43531_sc2_p227 \$00	B40279_sc2_p227
m. Auxiliary power units	F43531_sc2_p228 \$00	B40279_sc2_p228
n. Engine control modules	F43531_sc2_p229 \$00	B40279_sc2_p229
o. Low rolling resistance tires	F43531_sc2_p230 \$00	B40279_sc2_p230
p. Vehicle emission monitoring	F43531_sc2_p231 \$00	B40279_sc2_p231
q. All other fuel efficient automotive equipment Specify all other fuel efficient automotive equipment: F43531_sc2_p232	F43531_sc2_p232 \$00	B40279_sc2_p232

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Manufacturer — transportation technologies — export sales (continued)

	Sales of exported goods manufactured in Canada Rounded to the nearest CAN\$	Number of units sold outside of Canada
Fuel efficient aerospace equipment		
r. Efficient turbines	F43531_sc2_p234 \$00	B40279_sc2_p234
s. Fuel efficient engines Include electrification and other alternative fuels.	F43531_sc2_p235 \$00	B40279_sc2_p235
t. Aircraft components using lightweight materials	F43531_sc2_p236 \$00	B40279_sc2_p236
u. Powder metallurgy, coatings, polishing, anodizing for fuel efficiency	F43531_sc2_p237 \$00	B40279_sc2_p237
v. Composite materials	F43531_sc2_p238 \$00	B40279_sc2_p238
w. All other fuel efficient aerospace equipment Specify all other fuel efficient aerospace equipment: F43531_sc2_p239	F43531_sc2_p240 \$00	B40279_sc2_p240
Other		
x. All other transportation technologies Specify all other transportation technologies: F43531_sc2_p242	F43531_sc2_p241 \$00	B40279_sc2_p241
Total	F43531_sc2_p243 \$00	

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Wholesaler — transportation technologies — domestic sales of imported goods

75. Report sales for wholesale of imported goods and the number of units imported and sold within Canada.

Include machinery, equipment, products, and technologies.

	Sales for wholesale of imported goods Rounded to the nearest CAN\$	Number of imported units sold within Canada
Fuel efficient automotive equipment		
a. Fuel efficient engines and components Include electrification and hybrids.	F43532_sc3_p216 \$00	B40281_sc3_p216
b. Electric vehicle batteries	F43532_sc3_p217 \$00	B40281_sc3_p217
c. Electric vehicle - other components	F43532_sc3_p218 \$00	B40281_sc3_p218
d. Fuel cell vehicle FC stack	F43532_sc3_p219 \$00	B40281_sc3_p219
e. Fuel cell vehicle - other components	F43532_sc3_p220 \$00	B40281_sc3_p220
f. Automobile components using lightweight materials	F43532_sc3_p221 \$00	B40281_sc3_p221
g. Electric vehicle infrastructure e.g., charging stations	F43532_sc3_p222 \$00	B40281_sc3_p222
h. Alternative fuel and refuelling infrastructure Include hydrogen and natural gas.	F43532_sc3_p223 \$00	B40281_sc3_p223
i. LNG and CNG engines	F43532_sc3_p224 \$00	B40281_sc3_p224
j. LNG and CNG tanks	F43532_sc3_p225 \$00	B40281_sc3_p225
k. LNG and CNG control systems	F43532_sc3_p226 \$00	B40281_sc3_p226
l. Aerodynamic devices	F43532_sc3_p227 \$00	B40281_sc3_p227
m. Auxiliary power units	F43532_sc3_p228 \$00	B40281_sc3_p228
n. Engine control modules	F43532_sc3_p229 \$00	B40281_sc3_p229
o. Low rolling resistance tires	F43532_sc3_p230 \$00	B40281_sc3_p230
p. Vehicle emission monitoring	F43532_sc3_p231 \$00	B40281_sc3_p231
q. All other fuel efficient automotive equipment Specify all other fuel efficient automotive equipment: F43532_sc3_p232	F43532_sc3_p232 \$00	B40281_sc3_p232

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Wholesaler — transportation technologies — domestic sales of imported goods (continued)

	Sales for wholesale of imported goods Rounded to the nearest CAN\$	Number of imported units sold within Canada
Fuel efficient aerospace equipment		
r. Efficient turbines	F43532_sc3_p234 \$00	B40281_sc3_p234
s. Fuel efficient engines Include electrification and other alternative fuels.	F43532_sc3_p235 \$00	B40281_sc3_p235
t. Aircraft components using lightweight materials	F43532_sc3_p236 \$00	B40281_sc3_p236
u. Powder metallurgy, coatings, polishing, anodizing for fuel ef- ficiency	F43532_sc3_p237 \$00	B40281_sc3_p237
v. Composite materials	F43532_sc3_p238 \$00	B40281_sc3_p238
w. All other fuel efficient aerospace equipment Specify all other fuel efficient aerospace equipment: F43532_sc3_p239	F43532_sc3_p240 \$00	B40281_sc3_p240
Other		
x. All other transportation technologies Specify all other transportation technologies: F43532_sc3_p242	F43532_sc3_p241 \$00	B40281_sc3_p241
Total	F43532_sc3_p243 \$00	

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Wholesaler — transportation technologies — domestic sales of domestic goods

76. Report sales for wholesale of domestic goods and the number of units sourced and sold within Canada.

Include machinery, equipment, products, and technologies.

	Sales for wholesale of domestic goods Rounded to the nearest CAN\$	Number of units sourced and sold within Canada
Fuel efficient automotive equipment		
a. Fuel efficient engines and components Include electrification and hybrids.	F43532_sc1_p216 \$00	B40281_sc1_p216
b. Electric vehicle batteries	F43532_sc1_p217 \$00	B40281_sc1_p217
c. Electric vehicle - other components	F43532_sc1_p218 \$00	B40281_sc1_p218
d. Fuel cell vehicle FC stack	F43532_sc1_p219 \$00	B40281_sc1_p219
e. Fuel cell vehicle - other components	F43532_sc1_p220 \$00	B40281_sc1_p220
f. Automobile components using lightweight materials	F43532_sc1_p221 \$00	B40281_sc1_p221
g. Electric vehicle infrastructure e.g., charging stations	F43532_sc1_p222 \$00	B40281_sc1_p222
h. Alternative fuel and refuelling infrastructure Include hydrogen and natural gas.	F43532_sc1_p223 \$00	B40281_sc1_p223
i. LNG and CNG engines	F43532_sc1_p224 \$00	B40281_sc1_p224
j. LNG and CNG tanks	F43532_sc1_p225 \$00	B40281_sc1_p225
k. LNG and CNG control systems	F43532_sc1_p226 \$00	B40281_sc1_p226
l. Aerodynamic devices	F43532_sc1_p227 \$00	B40281_sc1_p227
m. Auxiliary power units	F43532_sc1_p228 \$00	B40281_sc1_p228
n. Engine control modules	F43532_sc1_p229 \$00	B40281_sc1_p229
o. Low rolling resistance tires	F43532_sc1_p230 \$00	B40281_sc1_p230
p. Vehicle emission monitoring	F43532_sc1_p231 \$00	B40281_sc1_p231
q. All other fuel efficient automotive equipment Specify all other fuel efficient automotive equipment: F43532_sc1_p232	F43532_sc1_p232 \$00	B40281_sc1_p232

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Wholesaler — transportation technologies — domestic sales of domestic goods (continued)

	Sales for wholesale of domestic goods Rounded to the nearest CAN\$	Number of units sourced and sold within Canada
Fuel efficient aerospace equipment		
r. Efficient turbines	F43532_sc1_p234 \$00	B40281_sc1_p234
s. Fuel efficient engines Include electrification and other alternative fuels.	F43532_sc1_p235 \$00	B40281_sc1_p235
t. Aircraft components using lightweight materials	F43532_sc1_p236 \$00	B40281_sc1_p236
u. Powder metallurgy, coatings, polishing, anodizing for fuel efficiency	F43532_sc1_p237 \$00	B40281_sc1_p237
v. Composite materials	F43532_sc1_p238 \$00	B40281_sc1_p238
w. All other fuel efficient aerospace equipment Specify all other fuel efficient aerospace equipment: F43532_sc1_p239	F43532_sc1_p240 \$00	B40281_sc1_p240
Other		
x. All other transportation technologies Specify all other transportation technologies: F43532_sc1_p242	F43532_sc1_p241 \$00	B40281_sc1_p241
Total	F43532_sc1_p243 \$00	

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Wholesaler — transportation technologies — sales of exported goods

77. Report sales for wholesale of exported goods and the number of units sold outside of Canada.

Include machinery, equipment, products, and technologies.

	Sales for wholesale of exported goods Rounded to the nearest CAN\$	Number of units sold outside of Canada
Fuel efficient automotive equipment		
a. Fuel efficient engines and components Include electrification and hybrids.	F43532_sc2_p216 \$00	B40281_sc2_p216
b. Electric vehicle batteries	F43532_sc2_p217 \$00	B40281_sc2_p217
c. Electric vehicle - other components	F43532_sc2_p218 \$00	B40281_sc2_p218
d. Fuel cell vehicle FC stack	F43532_sc2_p219 \$00	B40281_sc2_p219
e. Fuel cell vehicle - other components	F43532_sc2_p220 \$00	B40281_sc2_p220
f. Automobile components using lightweight materials	F43532_sc2_p221 \$00	B40281_sc2_p221
g. Electric vehicle infrastructure e.g., charging stations	F43532_sc2_p222 \$00	B40281_sc2_p222
h. Alternative fuel and refuelling infrastructure Include hydrogen and natural gas.	F43532_sc2_p223 \$00	B40281_sc2_p223
i. LNG and CNG engines	F43532_sc2_p224 \$00	B40281_sc2_p224
j. LNG and CNG tanks	F43532_sc2_p225 \$00	B40281_sc2_p225
k. LNG and CNG control systems	F43532_sc2_p226 \$00	B40281_sc2_p226
l. Aerodynamic devices	F43532_sc2_p227 \$00	B40281_sc2_p227
m. Auxiliary power units	F43532_sc2_p228 \$00	B40281_sc2_p228
n. Engine control modules	F43532_sc2_p229 \$00	B40281_sc2_p229
o. Low rolling resistance tires	F43532_sc2_p230 \$00	B40281_sc2_p230
p. Vehicle emission monitoring	F43532_sc2_p231 \$00	B40281_sc2_p231
q. All other fuel efficient automotive equipment Specify all other fuel efficient automotive equipment: F43532_sc2_p232	F43532_sc2_p232 \$00	B40281_sc2_p232

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Wholesaler — transportation technologies — sales of exported goods (continued)

	Sales for wholesale of exported goods Rounded to the nearest CAN\$	Number of units sold outside of Canada
Fuel efficient aerospace equipment		
r. Efficient turbines	F43532_sc2_p234 \$00	B40281_sc2_p234
s. Fuel efficient engines Include electrification and other alternative fuels.	F43532_sc2_p235 \$00	B40281_sc2_p235
t. Aircraft components using lightweight materials	F43532_sc2_p236 \$00	B40281_sc2_p236
u. Powder metallurgy, coatings, polishing, anodizing for fuel ef- ficiency	F43532_sc2_p237 \$00	B40281_sc2_p237
v. Composite materials	F43532_sc2_p238 \$00	B40281_sc2_p238
w. All other fuel efficient aerospace equipment Specify all other fuel efficient aerospace equipment: F43532_sc2_p239	F43532_sc2_p240 \$00	B40281_sc2_p240
Other		
x. All other transportation technologies Specify all other transportation technologies: F43532_sc2_p242	F43532_sc2_p241 \$00	B40281_sc2_p241
Total	F43532_sc2_p243 \$00	

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Manufacturer — aquaculture technologies — domestic sales

78. Report sales of goods manufactured in Canada and the number of units sold within Canada.

Include machinery, equipment, products, and technologies.

	Sales of goods manufactured in Canada Rounded to the nearest CAN\$	Number of units sold within Canada
	F43531_sc1_p244	B40279_sc1_p244
a. Biofilters	\$00	.....
	F43531_sc1_p245	B40279_sc1_p245
b. Flow-through systems and raceways	\$00	.....
	F43531_sc1_p246	B40279_sc1_p246
c. Computer systems for automation	\$00	.....
	F43531_sc1_p247	B40279_sc1_p247
d. Recirculating aquaculture systems equipment	\$00	.....
	F43531_sc1_p248	B40279_sc1_p248
e. Fish waste reduction and recycling equipment	\$00	.....
	F43531_sc1_p249	B40279_sc1_p249
f. Energy efficient pumps	\$00	.....
g. All other aquaculture technologies		
Specify all other aquaculture technologies:		
F43531_sc1_p251	F43531_sc1_p250	B40279_sc1_p250
.....	\$00
Total	F43531_sc1_p252	
	\$00	

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Manufacturer — aquaculture technologies — export sales

79. Report sales of exported goods manufactured in Canada and the number of units sold outside of Canada.

Include machinery, equipment, products, and technologies.

	Sales of exported goods manufactured in Canada Rounded to the nearest CAN\$	Number of units sold outside of Canada
	F43531_sc2_p244	B40279_sc2_p244
a. Biofilters	\$00	.....
	F43531_sc2_p245	B40279_sc2_p245
b. Flow-through systems and raceways	\$00	.....
	F43531_sc2_p246	B40279_sc2_p246
c. Computer systems for automation	\$00	.....
	F43531_sc2_p247	B40279_sc2_p247
d. Recirculating aquaculture systems equipment	\$00	.....
	F43531_sc2_p248	B40279_sc2_p248
e. Fish waste reduction and recycling equipment	\$00	.....
	F43531_sc2_p249	B40279_sc2_p249
f. Energy efficient pumps	\$00	.....
g. All other aquaculture technologies		
Specify all other aquaculture technologies:		
F43531_sc2_p251	F43531_sc2_p250	B40279_sc2_p250
.....	\$00
Total	\$00	

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Wholesaler — aquaculture technologies — domestic sales of imported goods

80. Report sales for wholesale of imported goods and the number of units imported and sold within Canada.

Include machinery, equipment, products, and technologies.

	Sales for wholesale of imported goods Rounded to the nearest CAN\$	Number of units imported and sold within Canada
	F43532_sc3_p244	B40281_sc3_p244
a. Biofilters	\$00	.....
	F43532_sc3_p245	B40281_sc3_p245
b. Flow-through systems and raceways	\$00	.....
	F43532_sc3_p246	B40281_sc3_p246
c. Computer systems for automation	\$00	.....
	F43532_sc3_p247	B40281_sc3_p247
d. Recirculating aquaculture systems equipment	\$00	.....
	F43532_sc3_p248	B40281_sc3_p248
e. Fish waste reduction and recycling equipment	\$00	.....
	F43532_sc3_p249	B40281_sc3_p249
f. Energy efficient pumps	\$00	.....
g. All other aquaculture technologies		
Specify all other aquaculture technologies:		
F43532_sc3_p251	F43532_sc3_p250	B40281_sc3_p250
.....	\$00
Total	F43532_sc3_p252	
	\$00	

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Wholesaler — aquaculture technologies — domestic sales of domestic goods

81. Report sales for wholesale of domestic goods and the number of units sourced and sold within Canada.

Include machinery, equipment, products, and technologies.

	Sales for wholesale of domestic goods Rounded to the nearest CAN\$	Number of units sourced and sold within Canada
	F43532_sc1_p244	B40281_sc1_p244
a. Biofilters	\$00	.....
	F43532_sc1_p245	B40281_sc1_p245
b. Flow-through systems and raceways	\$00	.....
	F43532_sc1_p246	B40281_sc1_p246
c. Computer systems for automation	\$00	.....
	F43532_sc1_p247	B40281_sc1_p247
d. Recirculating aquaculture systems equipment	\$00	.....
	F43532_sc1_p248	B40281_sc1_p248
e. Fish waste reduction and recycling equipment	\$00	.....
	F43532_sc1_p249	B40281_sc1_p249
f. Energy efficient pumps	\$00	.....
g. All other aquaculture technologies		
Specify all other aquaculture technologies:		
F43532_sc1_p251	F43532_sc1_p250	B40281_sc1_p250
.....	\$00
Total	F43532_sc1_p252	
	\$00	

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Wholesaler — aquaculture technologies — sales of exported goods

82. Report sales for wholesale of exported goods and the number of units sold outside of Canada.

Include machinery, equipment, products, and technologies.

	Sales for wholesale of exported goods Rounded to the nearest CAN\$	Number of units sold outside of Canada
	F43532_sc2_p244	B40281_sc2_p244
a. Biofilters	\$00	.....
	F43532_sc2_p245	B40281_sc2_p245
b. Flow-through systems and raceways	\$00	.....
	F43532_sc2_p246	B40281_sc2_p246
c. Computer systems for automation	\$00	.....
	F43532_sc2_p247	B40281_sc2_p247
d. Recirculating aquaculture systems equipment	\$00	.....
	F43532_sc2_p248	B40281_sc2_p248
e. Fish waste reduction and recycling equipment	\$00	.....
	F43532_sc2_p249	B40281_sc2_p249
f. Energy efficient pumps	\$00	.....
g. All other aquaculture technologies		
Specify all other aquaculture technologies:		
F43532_sc2_p251	F43532_sc2_p250	B40281_sc2_p250
.....	\$00
Total	\$00	

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Service provider — site remediation or monitoring services and environmental emergency response services — domestic revenue

83. Report revenue from services provided in Canada and the number of contracts provided within Canada.

Include sales from machinery, equipment, products, and technologies.

	Revenue from services provided in Canada Rounded to the nearest CAN\$	Number of contracts provided within Canada
	F43533_sc1_p253	B40282_sc1_p253
a. In situ remediation of soil, sediment, and sludge	\$.00	
	F43533_sc1_p254	B40282_sc1_p254
b. Ex situ remediation of soil, sediment, and sludge	\$.00	
	F43533_sc1_p255	B40282_sc1_p255
c. In situ remediation of ground water, surface water, and leachate	\$.00	
	F43533_sc1_p256	B40282_sc1_p256
d. Ex situ remediation of ground water, surface water, and leachate	\$.00	
	F43533_sc1_p257	B40282_sc1_p257
e. Remediation of air or off-gas	\$.00	
	F43533_sc1_p258	B40282_sc1_p258
f. Control, containment and monitoring services of air, water, and soil Include sales of asbestos and mould removal	\$.00	
	F43533_sc1_p259	B40282_sc1_p259
g. Environmental emergency response services	\$.00	
	F43533_sc1_p260	B40282_sc1_p260
h. Radioactive waste management, decommissioning, and site remediation	\$.00	
i. All other site remediation services and environmental emergency response services Specify all other site remediation services and environmental emergency response services:		
F43533_sc1_p262	F43533_sc1_p261	B40282_sc1_p261
	\$.00	
	F43533_sc1_p263	
Total	\$.00	

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Service provider — site remediation or monitoring services and environmental emergency response services — export revenue

84. Report revenue from services provided outside of Canada and the number of contracts provided outside of Canada.
Include sales from machinery, equipment, products, and technologies.

	Revenue from services provided outside of Canada Rounded to the nearest CAN\$	Number of contracts provided outside of Canada
	F43533_sc2_p253	B40282_sc2_p253
a. In situ remediation of soil, sediment, and sludge	\$.00	
	F43533_sc2_p254	B40282_sc2_p254
b. Ex situ remediation of soil, sediment, and sludge	\$.00	
	F43533_sc2_p255	B40282_sc2_p255
c. In situ remediation of ground water, surface water, and leachate	\$.00	
	F43533_sc2_p256	B40282_sc2_p256
d. Ex situ remediation of ground water, surface water, and leachate	\$.00	
	F43533_sc2_p257	B40282_sc2_p257
e. Remediation of air or off-gas	\$.00	
	F43533_sc2_p258	B40282_sc2_p258
f. Control, containment and monitoring services of air, water, and soil Include sales of asbestos and mould removal	\$.00	
	F43533_sc2_p259	B40282_sc2_p259
g. Environmental emergency response services	\$.00	
	F43533_sc2_p260	B40282_sc2_p260
h. Radioactive waste management, decommissioning, and site remediation	\$.00	
i. All other site remediation services and environmental emergency response services Specify all other site remediation services and environmental emergency response services: F43533_sc2_p262	F43533_sc2_p261	B40282_sc2_p261
	\$.00	
	F43533_sc2_p263	
Total	\$.00	

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Service provider — energy efficiency, industrial design and related services — domestic revenue

85. Report revenue from services provided in Canada and the number of contracts provided within Canada.

Include sales from machinery, equipment, products, and technologies.

	Revenue from services provided in Canada Rounded to the nearest CAN\$	Number of contracts provided within Canada
Energy efficiency services		
	F43533_sc1_p264	B40282_sc1_p264
a. Green building certification	\$00	
	F43533_sc1_p265	B40282_sc1_p265
b. Energy efficiency product certification e.g., Energy Star®, Energuide®, BOMA, ISO 50001, R-2000	\$00	
	F43533_sc1_p266	B40282_sc1_p266
c. Home, building, industry and fleet energy audit and air leakage testing	\$00	
	F43533_sc1_p267	B40282_sc1_p267
d. Energy monitoring	\$00	
	F43533_sc1_p268	B40282_sc1_p268
e. Demand control	\$00	
	F43533_sc1_p269	B40282_sc1_p269
f. Data analysis and modelling	\$00	
	F43533_sc1_p270	B40282_sc1_p270
g. Process integration	\$00	
	F43533_sc1_p271	B40282_sc1_p271
h. Advanced insulation activities	\$00	
	F43533_sc1_p272	B40282_sc1_p272
i. Energy efficiency consulting	\$00	
j. All other energy efficiency services Specify all other energy efficiency services: F43533_sc1_p213	F43533_sc1_p214 \$00	B40282_sc1_p214
Industrial design and related services		
	F43533_sc1_p273	B40282_sc1_p273
k. Aerodynamic design	\$00	
	F43533_sc1_p274	B40282_sc1_p274
l. Aerodynamic testing	\$00	
	F43533_sc1_p275	B40282_sc1_p275
m. Modelling services	\$00	
	F43533_sc1_p276	B40282_sc1_p276
n. Design of emission control technologies	\$00	
o. All other industrial design and related services Specify all other industrial design and related services: F43533_sc1_p278	F43533_sc1_p277 \$00	B40282_sc1_p277

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Service provider — energy efficiency, industrial design and related services — domestic revenue (continued)

	Revenue from services provided in Canada Rounded to the nearest CAN\$	Number of contracts provided within Canada
Other		
p. All other energy efficiency, industrial design and related services		
Specify all other energy efficiency, industrial design and related services:		
F43533_sc1_p280	F43533_sc1_p279	B40282_sc1_p279
	\$.00	
	F43533_sc1_p281	
	\$.00	
Total	\$.00	

Service provider — energy efficiency, industrial design and related services — export revenue

86. Report revenue from services provided outside of Canada and the number of contracts provided outside of Canada.
Include sales from machinery, equipment, products, and technologies.

	Revenue from services provided outside of Canada Rounded to the nearest CAN\$	Number of contracts provided outside of Canada
Energy efficiency services		
a. Green building certification	F43533_sc2_p264 \$.00	B40282_sc2_p264
b. Energy efficiency product certification e.g., Energy Star®, Energuide®, BOMA, ISO 50001, R-2000	F43533_sc2_p265 \$.00	B40282_sc2_p265
c. Home, building, industry and fleet energy audit and air leakage testing	F43533_sc2_p266 \$.00	B40282_sc2_p266
d. Energy monitoring	F43533_sc2_p267 \$.00	B40282_sc2_p267
e. Demand control	F43533_sc2_p268 \$.00	B40282_sc2_p268
f. Data analysis and modelling	F43533_sc2_p269 \$.00	B40282_sc2_p269
g. Process integration	F43533_sc2_p270 \$.00	B40282_sc2_p270
h. Advanced insulation activities	F43533_sc2_p271 \$.00	B40282_sc2_p271
i. Energy efficiency consulting	F43533_sc2_p272 \$.00	B40282_sc2_p272
j. All other energy efficiency services		
Specify all other energy efficiency services:		
F43533_sc2_p213	F43533_sc2_p214	B40282_sc2_p214
	\$.00	

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**Service provider — energy efficiency, industrial design and related services — export revenue
(continued)**

Industrial design and related services

	Revenue from services provided outside of Canada Rounded to the nearest CAN\$	Number of contracts provided outside of Canada
k. Aerodynamic design	F43533_sc2_p273 \$00	B40282_sc2_p273
l. Aerodynamic testing	F43533_sc2_p274 \$00	B40282_sc2_p274
m. Modelling services	F43533_sc2_p275 \$00	B40282_sc2_p275
n. Design of emission control technologies	F43533_sc2_p276 \$00	B40282_sc2_p276
o. All other industrial design and related services Specify all other industrial design and related services: F43533_sc2_p278	F43533_sc2_p277 \$00	B40282_sc2_p277

Other

p. All other energy efficiency, industrial design and related services Specify all other energy efficiency, industrial design and related services: F43533_sc2_p280	F43533_sc2_p279 \$00	B40282_sc2_p279
Total	F43533_sc2_p281 \$00	

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Service provider — monitoring and reduction of greenhouse gases and air pollution services — domestic revenue

87. Report revenue from services provided in Canada and the number of contracts provided within Canada.

Include sales from machinery, equipment, products, and technologies.

	Revenue from services provided in Canada Rounded to the nearest CAN\$	Number of contracts provided within Canada
Greenhouse gas management services		
a. Carbon credit trading, generation of compliance units, surplus allowances, emissions performance credits, and offset credits	F43533_sc1_p282 \$.00	B40282_sc1_p282
b. Preparation of emissions reports and verification	F43533_sc1_p283 \$.00	B40282_sc1_p283
c. Allowance auctioning and exchange platform provision	F43533_sc1_p284 \$.00	B40282_sc1_p284
d. Market monitoring	F43533_sc1_p285 \$.00	B40282_sc1_p285
e. Offset protocol development and validation	F43533_sc1_p286 \$.00	B40282_sc1_p286
f. Development of compliance and electronic emissions reporting systems	F43533_sc1_p287 \$.00	B40282_sc1_p287
g. All other greenhouse gas management services Specify all other greenhouse gas management services:	F43533_sc1_p41 \$.00	B40282_sc1_p41
Air pollution management services		
h. Measuring and monitoring	F43533_sc1_p288 \$.00	B40282_sc1_p288
i. Modelling and mapping	F43533_sc1_p289 \$.00	B40282_sc1_p289
j. Risk assessment and management	F43533_sc1_p290 \$.00	B40282_sc1_p290
k. Development of compliance and electronic emissions reporting systems	F43533_sc1_p291 \$.00	B40282_sc1_p291
l. All other air pollution management services Specify all other air pollution management services:	F43533_sc1_p44 \$.00	B40282_sc1_p44
Other		
m. All other monitoring and reduction of greenhouse gases and air pollution services Specify all other monitoring and reduction of greenhouse gases and air pollution services:	F43533_sc1_p50 \$.00	B40282_sc1_p50
Total	F43533_sc1_p52 \$.00	

Service provider — monitoring and reduction of greenhouse gases and air pollution services — export revenue

88. Report revenue from services provided outside of Canada and the number of contracts provided outside of Canada.
Include sales from machinery, equipment, products, and technologies.

	Revenue from services provided outside of Canada Rounded to the nearest CAN\$	Number of contracts provided outside of Canada
Greenhouse gas management services		
a. Carbon credit trading, generation of compliance units, surplus allowances, emissions performance credits, and offset credits	F43533_sc2_p282 \$ <input type="text"/> .00	B40282_sc2_p282 <input type="text"/>
b. Preparation of emissions reports and verification	F43533_sc2_p283 \$ <input type="text"/> .00	B40282_sc2_p283 <input type="text"/>
c. Allowance auctioning and exchange platform provision	F43533_sc2_p284 \$ <input type="text"/> .00	B40282_sc2_p284 <input type="text"/>
d. Market monitoring	F43533_sc2_p285 \$ <input type="text"/> .00	B40282_sc2_p285 <input type="text"/>
e. Offset protocol development and validation	F43533_sc2_p286 \$ <input type="text"/> .00	B40282_sc2_p286 <input type="text"/>
f. Development of compliance and electronic emissions reporting systems	F43533_sc2_p287 \$ <input type="text"/> .00	B40282_sc2_p287 <input type="text"/>
g. All other greenhouse gas management services Specify all other greenhouse gas management services:	F43533_sc2_p41 <input type="text"/> \$ <input type="text"/> .00	B40282_sc2_p41 <input type="text"/>
Air pollution management services		
h. Measuring and monitoring	F43533_sc2_p288 \$ <input type="text"/> .00	B40282_sc2_p288 <input type="text"/>
i. Modelling and mapping	F43533_sc2_p289 \$ <input type="text"/> .00	B40282_sc2_p289 <input type="text"/>
j. Risk assessment and management	F43533_sc2_p290 \$ <input type="text"/> .00	B40282_sc2_p290 <input type="text"/>
k. Development of compliance and electronic emissions reporting systems	F43533_sc2_p291 \$ <input type="text"/> .00	B40282_sc2_p291 <input type="text"/>
l. All other air pollution management services Specify all other air pollution management services:	F43533_sc2_p44 <input type="text"/> \$ <input type="text"/> .00	B40282_sc2_p44 <input type="text"/>
Other		
m. All other monitoring and reduction of greenhouse gases and air pollution services Specify all other monitoring and reduction of greenhouse gases and air pollution services:	F43533_sc2_p51 <input type="text"/> \$ <input type="text"/> .00	B40282_sc2_p51 <input type="text"/>
Total		
	F43533_sc2_p52 \$ <input type="text"/> .00	

Service provider — clean energy services — domestic revenue

89. Report revenue from services provided in Canada and the number of contracts provided within Canada.

Include sales from machinery, equipment, products, and technologies.

Include installation, operations, maintenance, engineering, and design services.

	Revenue from services provided in Canada Rounded to the nearest CAN\$	Number of contracts provided within Canada
	F43533_sc1_p292	B40282_sc1_p292
a. Wind	\$00	.....
	F43533_sc1_p293	B40282_sc1_p293
b. Biomass	\$00	.....
	F43533_sc1_p294	B40282_sc1_p294
c. Geothermal	\$00	.....
	F43533_sc1_p295	B40282_sc1_p295
d. Hydro	\$00	.....
	F43533_sc1_p296	B40282_sc1_p296
e. Solar	\$00	.....
f. Nuclear energy	F43533_sc1_p297	B40282_sc1_p297
Include uranium processing, conversion, nuclear fuel fabrication services and licensing support.	\$00	.....
	F43533_sc1_p298	B40282_sc1_p298
g. Waste to Energy	\$00	.....
h. All other clean energy services		
Specify all other clean energy services:		
F43533_sc1_p15	F43533_sc1_p14	B40282_sc1_p14
.....	\$00
Total	F43533_sc1_p16 \$00	

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Service provider — clean energy services — export revenue

90. Report revenue from services provided outside of Canada and the number of contracts provided outside of Canada.

Include sales from machinery, equipment, products, and technologies.

Include installation, operations, maintenance, engineering, and design services.

	Revenue from services provided outside of Canada Rounded to the nearest CAN\$	Number of contracts provided outside of Canada
	F43533_sc2_p292	B40282_sc2_p292
a. Wind	\$00	.....
	F43533_sc2_p293	B40282_sc2_p293
b. Biomass	\$00	.....
	F43533_sc2_p294	B40282_sc2_p294
c. Geothermal	\$00	.....
	F43533_sc2_p295	B40282_sc2_p295
d. Hydro	\$00	.....
	F43533_sc2_p296	B40282_sc2_p296
e. Solar	\$00	.....
f. Nuclear energy	F43533_sc2_p297	B40282_sc2_p297
Include uranium processing, conversion, nuclear fuel fabrication services and licensing support.	\$00	.....
	F43533_sc2_p298	B40282_sc2_p298
g. Waste to Energy	\$00	.....
h. All other clean energy services		
Specify all other clean energy services:		
F43533_sc2_p15	F43533_sc2_p14	B40282_sc2_p14
.....	\$00
Total	F43533_sc2_p16 \$00	

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Service provider — water management and efficiency services — domestic revenue

91. Report revenue from services provided in Canada and the number of contracts provided within Canada.

Include sales from machinery, equipment, products, and technologies.

	Revenue from services provided in Canada Rounded to the nearest CAN\$	Number of contracts provided within Canada
	F43533_sc1_p299	B40282_sc1_p299
a. Planning and design	\$00	.....
	F43533_sc1_p300	B40282_sc1_p300
b. Efficiency consulting	\$00	.....
	F43533_sc1_p301	B40282_sc1_p301
c. Piloting, validation and verification	\$00	.....
	F43533_sc1_p302	B40282_sc1_p302
d. Pipe inspection	\$00	.....
	F43533_sc1_p303	B40282_sc1_p303
e. Training and plant operation	\$00	.....
	F43533_sc1_p304	B40282_sc1_p304
f. Water quality testing and instrumentation services	\$00	.....
g. All other water management and efficiency services		
Specify all other water management and efficiency services:		
F43533_sc1_p306	F43533_sc1_p305	B40282_sc1_p305
.....	\$00
Total	F43533_sc1_p307	
	\$00	

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Service provider — water management and efficiency services — export revenue

92. Report revenue from services provided outside of Canada and the number of contracts provided outside of Canada.

Include sales from machinery, equipment, products, and technologies.

	Revenue from services provided outside of Canada Rounded to the nearest CAN\$	Number of contracts provided outside of Canada
	F43533_sc2_p299	B40282_sc2_p299
a. Planning and design	\$00	.....
	F43533_sc2_p300	B40282_sc2_p300
b. Efficiency consulting	\$00	.....
	F43533_sc2_p301	B40282_sc2_p301
c. Piloting, validation and verification	\$00	.....
	F43533_sc2_p302	B40282_sc2_p302
d. Pipe inspection	\$00	.....
	F43533_sc2_p303	B40282_sc2_p303
e. Training and plant operation	\$00	.....
	F43533_sc2_p304	B40282_sc2_p304
f. Water quality testing and instrumentation services	\$00	.....
g. All other water management and efficiency services		
Specify all other water management and efficiency services:		
F43533_sc2_p306	F43533_sc2_p305	B40282_sc2_p305
.....	\$00
Total	F43533_sc2_p307	
	\$00	

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Service provider — precision agriculture services — domestic revenue

93. Report revenue from services provided in Canada and the number of contracts provided within Canada.

Include sales from machinery, equipment, products, and technologies.

	Revenue from services provided in Canada Rounded to the nearest CAN\$	Number of contracts provided within Canada
a. Support services for precision agriculture technologies e.g., installation; software and hardware configuration	F43533_sc1_p308 \$ <input type="text"/> .00	B40282_sc1_p308 <input type="text"/>
	F43533_sc1_p309 \$ <input type="text"/> .00	B40282_sc1_p309 <input type="text"/>
b. Precision agriculture consulting	F43533_sc1_p310 \$ <input type="text"/> .00	B40282_sc1_p310 <input type="text"/>
c. Precision agriculture GPS or GIS services	\$ <input type="text"/> .00	<input type="text"/>
d. All other precision agriculture services Specify all other precision agriculture services: F43533_sc1_p195 <input type="text"/>	F43533_sc1_p194 \$ <input type="text"/> .00	B40282_sc1_p194 <input type="text"/>
	F43533_sc1_p196 \$ <input type="text"/> .00	
Total	\$ <input type="text"/> .00	

Service provider — precision agriculture services — export revenue

94. Report revenue from services provided outside of Canada and the number of contracts provided outside of Canada.

Include sales from machinery, equipment, products, and technologies.

	Revenue from services provided outside of Canada Rounded to the nearest CAN\$	Number of contracts provided outside of Canada
a. Support services for precision agriculture technologies e.g., installation; software and hardware configuration	F43533_sc2_p308 \$ <input type="text"/> .00	B40282_sc2_p308 <input type="text"/>
	F43533_sc2_p309 \$ <input type="text"/> .00	B40282_sc2_p309 <input type="text"/>
b. Precision agriculture consulting	F43533_sc2_p310 \$ <input type="text"/> .00	B40282_sc2_p310 <input type="text"/>
c. Precision agriculture GPS or GIS services	\$ <input type="text"/> .00	<input type="text"/>
d. All other precision agriculture services Specify all other precision agriculture services: F43533_sc2_p195 <input type="text"/>	F43533_sc2_p194 \$ <input type="text"/> .00	B40282_sc2_p194 <input type="text"/>
	F43533_sc2_p196 \$ <input type="text"/> .00	
Total	\$ <input type="text"/> .00	

Service provider — transportation services — domestic revenue

95. Report revenue from services provided in Canada and the number of contracts provided within Canada.

Include sales from machinery, equipment, products, and technologies.

	Revenue from services provided in Canada Rounded to the nearest CAN\$	Number of contracts provided within Canada
	F43533_sc1_p311	B40282_sc1_p311
a. Intelligent traffic control	\$.00	
	F43533_sc1_p312	B40282_sc1_p312
b. Traffic management	\$.00	
	F43533_sc1_p313	B40282_sc1_p313
c. Vehicle fleet management and logistics	\$.00	
	F43533_sc1_p314	B40282_sc1_p314
d. Integrated traffic infrastructure	\$.00	
	F43533_sc1_p315	B40282_sc1_p315
e. Technical inspection related to air emissions	\$.00	
	F43533_sc1_p316	B40282_sc1_p316
f. Alternative fuel retrofits e.g., conversion to hybrid, electric, low carbon, biofuel	\$.00	
g. All other transportation services Specify all other transportation services:		
F43533_sc1_p241	F43533_sc1_p241	B40282_sc1_p241
	\$.00	
Total	F43533_sc1_p243 \$.00	

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Service provider — transportation services — export revenue

96. Report revenue from services provided outside of Canada and the number of contracts provided outside of Canada.
Include sales from machinery, equipment, products, and technologies.

	Revenue from services provided outside of Canada Rounded to the nearest CAN\$	Number of contracts provided outside of Canada
	F43533_sc2_p311	B40282_sc2_p311
a. Intelligent traffic control	\$.00	
	F43533_sc2_p312	B40282_sc2_p312
b. Traffic management	\$.00	
	F43533_sc2_p313	B40282_sc2_p313
c. Vehicle fleet management and logistics	\$.00	
	F43533_sc2_p314	B40282_sc2_p314
d. Integrated traffic infrastructure	\$.00	
	F43533_sc2_p315	B40282_sc2_p315
e. Technical inspection related to air emissions	\$.00	
	F43533_sc2_p316	B40282_sc2_p316
f. Alternative fuel retrofits e.g., conversion to hybrid, electric, low carbon, biofuel	\$.00	
g. All other transportation services Specify all other transportation services:		
F43533_sc2_p242	F43533_sc2_p241	B40282_sc2_p241
	\$.00	
Total	F43533_sc2_p243 \$.00	

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Service provider — smart grid services — domestic revenue

97. Report revenue from services provided in Canada and the number of contracts provided within Canada.

Include sales from machinery, equipment, products, and technologies.

	Revenue from services provided in Canada Rounded to the nearest CAN\$	Number of contracts provided within Canada
	F43533_sc1_p317	B40282_sc1_p317
a. Energy storage solutions	\$ <input type="text"/> .00	<input type="text"/>
	F43533_sc1_p318	B40282_sc1_p318
b. Microgrid solutions	\$ <input type="text"/> .00	<input type="text"/>
	F43533_sc1_p319	B40282_sc1_p319
c. Cyber security	\$ <input type="text"/> .00	<input type="text"/>
	F43533_sc1_p320	B40282_sc1_p320
d. Data management and communications solutions	\$ <input type="text"/> .00	<input type="text"/>
	F43533_sc1_p321	B40282_sc1_p321
e. Demand management e.g., peak load management and load following	\$ <input type="text"/> .00	<input type="text"/>
	F43533_sc1_p322	B40282_sc1_p322
f. Monitoring solutions e.g., self-healing grids	\$ <input type="text"/> .00	<input type="text"/>
g. All other smart grid services Specify all other smart grid services: F43533_sc1_p324	F43533_sc1_p323 <input type="text"/> \$ <input type="text"/> .00	B40282_sc1_p323 <input type="text"/>
Total	F43533_sc1_p325 \$ <input type="text"/> .00	

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Service provider — smart grid services — export revenue

98. Report revenue from services provided outside of Canada and the number of contracts provided outside of Canada.

Include sales from machinery, equipment, products, and technologies.

	Revenue from services provided outside of Canada Rounded to the nearest CAN\$	Number of contracts provided outside of Canada
	F43533_sc2_p317	B40282_sc2_p317
a. Energy storage solutions	\$.00	
	F43533_sc2_p318	B40282_sc2_p318
b. Microgrid solutions	\$.00	
	F43533_sc2_p319	B40282_sc2_p319
c. Cyber security	\$.00	
	F43533_sc2_p320	B40282_sc2_p320
d. Data management and communications solutions	\$.00	
	F43533_sc2_p321	B40282_sc2_p321
e. Demand management technologies e.g., peak load management and load following	\$.00	
	F43533_sc2_p322	B40282_sc2_p322
f. Monitoring solutions e.g., self-healing grids	\$.00	
g. All other smart grid services Specify all other smart grid services: F43533_sc2_p324	F43533_sc2_p323	B40282_sc2_p323
	\$.00	
Total	F43533_sc2_p325 \$.00	

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Exports of environmental or clean technology goods and services

99. Report the number of countries to which your business or organization exports environmental or clean technology goods and services.

Number of countries

B71016

100. What was the percentage breakdown of sales and revenue from **environmental or clean technology goods and services** received from clients outside Canada, by country.

Percentage of exported sales

- a. United States
- b. Mexico
- c. France
- d. Germany
- e. Italy
- f. The Netherlands
- g. United Kingdom
- h. Turkey
- i. China
- j. Hong Kong
- k. India
- l. Japan
- m. Korea, South
- n. Australia
- o. Singapore

F43529_sc2_g1

%

F43529_sc2_g2

%

F43529_sc2_g3

%

F43529_sc2_g4

%

F43529_sc2_g5

%

F43529_sc2_g6

%

F43529_sc2_g7

%

F43529_sc2_g8

%

F43529_sc2_g9

%

F43529_sc2_g10

%

F43529_sc2_g11

%

F43529_sc2_g12

%

F43529_sc2_g13

%

F43529_sc2_g14

%

F43529_sc2_g15

%

...continues on next page

Exports of environmental or clean technology goods and services (continued)

Percentage of
exported sales

Specify additional countries receiving exported goods and services
and include the percentage of exported sales.

p. Other country 1

Specify other country 1:

F43529_sc2_g17

F43529_sc2_g16

%

q. Other country 2

Specify other country 2:

F43529_sc2_g19

F43529_sc2_g18

%

r. Other country 3

Specify other country 3:

F43529_sc2_g21

F43529_sc2_g20

%

s. Other country 4

Specify other country 4:

F43529_sc2_g23

F43529_sc2_g22

%

t. Other country 5

Specify other country 5:

F43529_sc2_g25

F43529_sc2_g24

%

u. Other country 6

Specify other country 6:

F43529_sc2_g27

F43529_sc2_g26

%

v. Other country 7

Specify other country 7:

F43529_sc2_g29

F43529_sc2_g28

%

w. Other country 8

Specify other country 8:

F43529_sc2_g31

F43529_sc2_g30

%

x. Other country 9

Specify other country 9:

F43529_sc2_g33

F43529_sc2_g32

%

y. Other country 10

Specify other country 10:

F43529_sc2_g35

F43529_sc2_g34

%

...continues on next page

Exports of environmental or clean technology goods and services (continued)

Percentage of
exported sales

z. Other country 11

Specify other country 11:

F43529_sc2_g37

F43529_sc2_g36

%

aa. Other country 12

Specify other country 12:

F43529_sc2_g39

F43529_sc2_g38

%

ab. Other country 13

Specify other country 13:

F43529_sc2_g41

F43529_sc2_g40

%

ac. Other country 14

Specify other country 14:

F43529_sc2_g43

F43529_sc2_g42

%

ad. Other country 15

Specify other country 15:

F43529_sc2_g45

F43529_sc2_g44

%

101. List all other countries to which your business or organization exports, **including** their respective percentage of sales and revenue from environmental or clean technology goods and services.

e.g., Cameroon (2 %), Brazil (5 %)

All other countries and percentage breakdown

F43529_sc2_g46

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Employment

102. For 2017 report the total number of Canadian-based full-time equivalents (FTE) at your business or organization.

Full-time equivalent (FTE) is the equivalent of one full-time (at least 30 hours per week) position, which may comprise several part-time or temporary positions, occupied by more than one employee.

Number of full-time equivalents

E00053

103. Of the total number of FTEs reported above, indicate the percentage involved in producing or providing the environmental or clean technology goods and services sold by your business or organization.

Percentage of full-time equivalents

E00054

 %

Additional information

104. Are there other locations of your business or organization that are operating in Canada and are involved in producing or providing environmental or clean technology goods and services?

B00535

1 ☐ Yes

↳ How many locations?

Number of locations

B00536

2 ☐ No

105. Provide the name and address of other locations of your business or organization that are operating in Canada and are involved in producing or providing environmental or clean technology goods and services.

↳ Locations

Location name

B00451_1

City

B00417_1

Province or territory

B00452_1

Location name (2)

B00451_2

City (2)

B00417_2

Province or territory (2)

B00452_2

Additional market information

The purpose of the following questions is for Statistics Canada to obtain specific information that could be helpful in conducting this survey in the future.

106. Do you know other Canadian businesses or organizations (partners, direct competitors or others) that also produce or provide environmental or clean technology goods and services?

These other Canadian businesses do not have to be in your industry or have the same environmental or clean technology activities that your business has.

B00017

1 ☐ Yes

↳ How many businesses or organizations?

Number of businesses or organizations

B00018

2 ☐ No

107. Provide the names and, if possible, the contact details for a **maximum of four** of these businesses or organizations (partners, direct competitors or others). The information you provide will remain confidential under the *Statistics Act*.

↳ Business or organization 1

Business or organization name

B00019_I1

Mailing address (number and street)

B00021_I1

City

B00022_I1

Province or territory

B00023_I1

↳ Business or organization 2

Business or organization name

B00019_I2

Mailing address (number and street)

B00021_I2

City

B00022_I2

Province or territory

B00023_I2

...continues on next page

Additional market information (continued)

Business or organization 3

Business or organization name

B00019_I3

Mailing address (number and street)

B00021_I3

City

B00022_I3

Province or territory

B00023_I3

Business or organization 4

Business or organization name

B00019_I4

Mailing address (number and street)

B00021_I4

City

B00022_I4

Province or territory

B00023_I4

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Changes or events

19. Indicate any changes or events that affected the reported values for this business or organisation, compared with the last reporting period.

Select all that apply.

B00302_t1

☐

Strike or lock-out

B00302_t2

☐

Exchange rate impact

B00302_t3

☐

Price changes in goods or services sold

B00302_t4

☐

Contracting out

B00302_t5

☐

Organisational change

B00302_t6

☐

Price changes in labour or raw materials

B00302_t7

☐

Natural disaster

B00302_t8

☐

Recession

B00302_t9

☐

Change in product line

B00302_t10

☐

Sold business units

B00302_t11

☐

Expansion

B00302_t12

☐

New/lost contract

B00302_t13

☐

Plant closures

B00302_t14

☐

Acquisition of business units

B00302_t15

☐

Other changes or events – specify:

B00302_t16

OR

B00302_t17

☐

No changes or events

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Contact person

20. 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

Last name

Title

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

Y. D. R.

Telephone number (including area code)

Example: 123-123-1234

Extension number

(if applicable)

Fax number (including area code)

Example: 123-123-1234

REF

Feedback

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

Include the time spent gathering the necessary information.

Hours

B00013

Minutes

B00014

22. We invite your comments about this questionnaire.

B00002

INFO
DO NOT

General information

Confidentiality

Your answers are confidential.

Statistics Canada is prohibited by law from releasing any information it collects which 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.

Data-sharing agreements

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

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

For this survey, there are **Section 11** agreements with the provincial and territorial statistical agencies of Newfoundland and Labrador, Nova Scotia, New Brunswick, Quebec, Ontario, Manitoba, Saskatchewan, Alberta, British Columbia, and 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, specifying the organizations with which you do not want to share your data.

Chief Statistician of Canada
Statistics Canada
Attention of Director, Enterprise Statistics Division
150 Tunney's Pasture Driveway
Ottawa, Ontario
K1A 0T6

For this survey, there are **Section 12** agreements with Natural Resources Canada; Industry Canada; Foreign Affairs, Trade and Development Canada; Environment Canada; Fisheries and Oceans Canada; Agriculture and Agri-Food Canada; Western Economic Diversification Canada; Atlantic Canada Opportunities Agency; Employment and Social Development Canada and the statistical agencies of Prince Edward Island, the Northwest Territories and Nunavut.

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 minimize the reporting burden, Statistics Canada may combine it 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