

# 2019 Annual Survey of Mineral Production - Aggregates, Clay and Refractory Minerals

**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 Annual Mineral Production Survey (AMNP) is a survey of the mining industry in Canada. It is intended to cover all establishments primarily engaged in mining activities as well as establishments whose secondary business activity is explicitly linked to the mining sector.

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

### Security of emails and faxes

Statistics Canada advises you that there could be a risk of disclosure during facsimile or email. However, upon receipt, Statistics Canada will provide the guaranteed level of protection afforded all information collected under the authority of the *Statistics Act*.

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

### Confidentiality

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

### Data-sharing agreements

To reduce respondent burden, Statistics Canada has entered into data-sharing agreements with provincial and territorial statistical agencies and other government organizations, which have agreed to keep the data confidential and use them only for statistical purposes.

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

**Please return the questionnaire within 21 days.**

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

If you are unable to complete within 21 days **OR** if you need help,  
call us at **1-800-263-1136** or **TTY 1-800-363-7629**.

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

**Visit our website, [www.statcan.gc.ca](http://www.statcan.gc.ca)**

## Reporting instructions

- Please print in ink.
- Report dollar amounts in **thousands of Canadian dollars**.
- Report for all Canadian production including production originating from external sources.
- **Exclude** sales tax.
- When precise figures are not available, provide your best estimates.
- Enter "0" if there is no value to report.
- Consult the reporting guide at [www.statcan.gc.ca/guides-e](http://www.statcan.gc.ca/guides-e) for further information.

## Business or organization and contact information

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

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

Legal name

Operating name (if applicable)

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

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

First name

Last name

Title

Preferred language of communication

English  French

Mailing address (number and street)

City

Province, territory or state

Postal code or ZIP code

Example: A9A 9A9 or 12345-1234

Country

Email address

Example: user@example.gov.ca

Telephone number (including area code)

Example: 123-123-1234

Extension number  
(if applicable)

Fax number (including area code)

Example: 123-123-1234

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

B00323

1  **Operational** ➤ **Go to question 4**

2  **Not currently operational**  
e.g., temporarily or permanently closed, change of ownership

➤ Why is this business or organization not currently operational?

B00309

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

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

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

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

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

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

### 3a. Seasonal operations

When did this business or organization close for the season?

YYYY MM DD  
B00217  
Date

When does this business or organization expect to resume operations?

YYYY MM DD  
B00218  
Date ➤ **Go to question 4**

### 3b. Ceased operations

When did this business or organization cease operations?

YYYY MM DD  
B00211  
Date

Why did this business or organization cease operations?

B00311

1  **Bankruptcy**

2  **Liquidation**

3  **Dissolution**

4  **Other**  
Specify the other reasons why the operations ceased



B00312

➤ **Go to question 4**

3c. Sold operations

When was this business or organization sold?

B00212

YYYY				MM		DD			

Date

What is the legal name of the buyer?

B00406

➤ Go to question 4

3d. Amalgamated with other businesses or organizations

When did this business or organization amalgamate?

B00213

YYYY				MM		DD			

Date

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

B00407

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

B00408

➤ Go to question 4

3e. Temporarily inactive but will re-open

When did this business or organization become temporarily inactive?

B00214

YYYY				MM		DD			

Date

When does this business or organization expect to resume operations?

B00215

YYYY				MM		DD			

Date

Why is this business or organization temporarily inactive?

B00313

➤ Go to question 4

3f. No longer operating due to other reasons

When did this business or organization cease operations?

B00216

YYYY				MM		DD			

Date

Why did this business or organization cease operations?

B00314

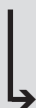
4. **Verify or provide the current main activity** of the business or organization identified by the legal and operating name.

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

B05002

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

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



B05003

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

B05111

1  Yes

2  No **➤ Go to next section**

6. When did the main activity change?

Date B00219

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

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## Reporting period information

1. For this survey, please report information for this business's or organisation's most recent **12 month fiscal period**.  
**Note:** For the survey, the **End date** should fall between April 1, 2019 and March 31, 2020.

**Fiscal year start date**

YYYY MM DD

B00205

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**Fiscal year-end date**

YYYY MM DD

B00206

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2. If the reporting period **does not cover a full year**, please check the reason(s) below.  
Select all that apply.

- 1  Seasonal operations  
B00301\_r1
- 1  New business  
B00301\_r2
- 1  Change of ownership  
B00301\_r3
- 1  Temporarily inactive  
B00301\_r6
- 1  Change in fiscal year  
B00301\_r4
- 1  Ceased operations  
B00301\_r5
- 1  Other — Specify the reason why the reporting period does not cover a full year:  
B00301\_r7

B00301\_r8

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## Revenue

1. For this reporting period, what was this establishment's **revenue** from each of the following sources?

**Notes:**

- A detailed breakdown may be requested in other sections.
- These questions are asked for many different industries. Some questions may not apply to this establishment.
- Please consult the reporting guide at [www.statcan.gc.ca/guides-e](http://www.statcan.gc.ca/guides-e) for further information.
- Please report all amounts in **thousands of Canadian dollars**.

	(CAN\$ '000)
a. Revenue from sales of goods and services <b>Exclude</b> shipping charges, discounts, sales allowances, returned sales, sales taxes, excise duties and taxes, and outward transportation charges by common and contract carriers.	\$ <input type="text"/> ,000 F43008
b. Revenue from rental and leasing	\$ <input type="text"/> ,000 F45801
c. Revenue from commissions	\$ <input type="text"/> ,000 F45701
d. Revenue from subsidies <b>Include</b> grants, donations, fundraising and sponsorships.	\$ <input type="text"/> ,000 F47101
e. Revenue from royalties, rights, licensing and franchise fees	\$ <input type="text"/> ,000 F47201
f. Revenue from dividends	\$ <input type="text"/> ,000 F51101
g. Revenue from interest	\$ <input type="text"/> ,000 F51201
h. All other revenue – Specify: <input type="text"/>	\$ <input type="text"/> ,000 F51301
<b>Total revenue</b>	<b>\$ <input type="text"/> ,000</b> F40000

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## Revenue - industry characteristics

1. Indicate whether you will report values at final selling price or using another method of valuation.

If your firm consists of only a single business unit, sales must be reported at your final selling price.

If you are part of a multi-business unit firm:

- sales to your firm's non-mining business units must be reported at your final selling price
- sales to your firm's mining business units, sales branches, selling warehouses or head offices should be reported at the value shown on your books of account (i.e., book transfer value).

<sup>1</sup>  Final selling price

F43001

<sup>2</sup>  Production cost

<sup>3</sup>  Transfer value

<sup>9</sup>  Other method of valuation — Specify:  
e.g., combination of production cost and final selling price

F43001\_y4

**i** **Exclude** sales taxes, excise duties and taxes, outward transportation charges by common or contract carriers, and any sales discounts.

Please report all amounts in thousands of Canadian dollars.

2. For this reporting period, what was this establishment's sales of goods and services revenue from each of the following sources?

(CAN\$ '000)

- |   |    |                      |      |
|---|----|----------------------|------|
| a. Sales of goods from own production   | \$ | <input type="text"/> | ,000 |
|   |    | F43008_sr43          |      |
| b. Sales of goods purchased for resale, as is   | \$ | <input type="text"/> | ,000 |
|   |    | F43008_sr44          |      |
| c. Sales of services<br>e.g., revenue from work done on material and products owned by other business units; revenue from custom milling, screening and crushing, revenue from delivery services from own fleet | \$ | <input type="text"/> | ,000 |
|   |    | F43008_sr45          |      |
| d. Sales of electricity   | \$ | <input type="text"/> | ,000 |
|   |    | F43008_sr46          |      |
| e. All other sales of goods and services  | \$ | <input type="text"/> | ,000 |
|   |    | F43008_sr47          |      |

**Total sales of goods and services**

The total sales of goods and services should be equal to the amount reported in the revenue section at page 7 question 1a.

\$  ,000

F43008PF1



3. For this reporting period, what was this establishment's **rental and leasing** revenue?

(CAN\$ '000)

a. Revenue from property rental and leasing	\$	<input type="text"/>	,000
		<small>F45801_sr48_</small>	
b. Revenue from machinery and equipment rental and leasing	\$	<input type="text"/>	,000
		<small>F45801_sr49</small>	
c. All other revenue from rental and leasing	\$	<input type="text"/>	,000
		<small>F45801_sr50</small>	
<b>Total revenue from rental and leasing</b> The total revenue from rental and leasing should be equal to the amount reported in the revenue section at page 7 question 1b.	\$	<input type="text"/>	,000
		<small>F45801PF1</small>	

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## Inventories

1. What was the value of this establishment's **inventory** at the beginning and at the end of the reporting period for the following items?

	Opening (CAN\$ '000)	Closing (CAN\$ '000)
a. Raw materials and components <b>Include</b> non-returnable containers and other shipping and packaging materials.	\$ <input type="text"/> ,000 <small>F61201</small>	\$ <input type="text"/> ,000 <small>F61401</small>
b. Fuel	\$ <input type="text"/> ,000 <small>F61211</small>	\$ <input type="text"/> ,000 <small>F61412</small>
c. Goods and work in progress	\$ <input type="text"/> ,000 <small>F61202</small>	\$ <input type="text"/> ,000 <small>F61402</small>
d. Finished goods	\$ <input type="text"/> ,000 <small>F61203</small>	\$ <input type="text"/> ,000 <small>F61403</small>
e. Goods purchased for resale, as is	\$ <input type="text"/> ,000 <small>F61204</small>	\$ <input type="text"/> ,000 <small>F61404</small>
f. All other inventories – Specify: <input type="text"/>	\$ <input type="text"/> ,000 <small>F61205</small>	\$ <input type="text"/> ,000 <small>F61405</small>
<b>Total inventories</b>	\$ <input type="text"/> ,000 <small>F61200</small>	\$ <input type="text"/> ,000 <small>F61400</small>

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## Expenses

1. For this reporting period, what were this establishment's **expenses** for the following items?

**Notes:**

- A detailed breakdown may be requested in other sections.
- These questions are asked of many different industries. Some questions may not apply to this establishment.
- Please consult the reporting guide at [www.statcan.gc.ca/guides-e](http://www.statcan.gc.ca/guides-e) for further information.
- Please report all amounts in **thousands of Canadian dollars**.

		(CAN\$ '000)
a.	<b>Purchases</b> <b>Include</b> purchases of raw materials and components, non-returnable containers, other items used in this establishment's mining operations such as explosives, water treatment chemicals, lubricating oils and greases, valves and plumbing supplies. <b>Exclude</b> change in inventories.	\$ <input type="text"/> ,000 F61306
b.	<b>Employment costs and expenses</b> <b>Include</b> all employees who were issued a T4.	
b1.	Salaries, wages and commissions	\$ <input type="text"/> ,000 F61501
b2.	Employee benefits	\$ <input type="text"/> ,000 F61502
c.	<b>Subcontracts</b> <b>e.g.</b> , amount paid to common or contract carriers, contract drilling, domestic and foreign smelters and refineries <b>Exclude</b> research and development fees.	\$ <input type="text"/> ,000 F62503
d.	<b>Research and development fees</b> <b>Exclude</b> in-house research and development.	\$ <input type="text"/> ,000 F62504
e.	<b>Professional and business fees</b> <b>e.g.</b> , legal, accounting, consulting, scientific service fees	\$ <input type="text"/> ,000 F62601
f.	<b>Energy and water expenses</b> <b>e.g.</b> , electricity, gas, water, oil, diesel, propane, fuel wood, sewage	\$ <input type="text"/> ,000 F61801
g.	<b>Office and computer related expenses</b> <b>e.g.</b> , office supplies, postage, computer upgrades	\$ <input type="text"/> ,000 F62505
h.	Telephone, internet and other telecommunications	\$ <input type="text"/> ,000 F61802
i.	<b>Business taxes, licenses and permits</b> <b>e.g.</b> , business tax, license fees, property taxes	\$ <input type="text"/> ,000 F61901
j.	<b>Royalties, franchise fees and memberships</b> <b>Include</b> royalties paid to businesses and individuals. <b>Exclude</b> Crown royalties (federal, provincial and territorial, municipal, communities).	\$ <input type="text"/> ,000 F62001
k.	<b>Crown charges</b> <b>Include</b> Crown royalties paid to the federal government, provincial and territorial governments, municipalities and communities.	\$ <input type="text"/> ,000 F62506
l.	<b>Rental and leasing</b> <b>Include</b> land, buildings, equipment, vehicles.	\$ <input type="text"/> ,000 F62101
m.	<b>Repair and maintenance</b> <b>Include</b> buildings, equipment, vehicles.	\$ <input type="text"/> ,000 F62201

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(CAN\$ '000)

n. Amortization and depreciation	\$		,000
		F61601	
o. Insurance	\$		,000
		F62301	
p. Advertising, marketing, promotion, meals and entertainment	\$		,000
		F62507	
q. Travel, meetings and conventions	\$		,000
		F62508	
r. Financial service fees e.g., bank charges and transaction fees	\$		,000
		F62401	
s. Interest expense	\$		,000
		F69101	
t. Bad debts, loan losses, donations, political contributions and inventory writedowns	\$		,000
		F62509	
u. All other expenses — Specify: Include intracompany expenses.			
	\$		,000
		F62512	
		F62511	
<b>Total expenses</b>	\$		,000
		F60000	

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## Expenses - industry characteristics

1. For this reporting period, what were this establishment's **purchase** expenses for the following items?

(CAN\$ '000)

a. Raw materials and components <b>Include</b> ore.	\$ <input type="text"/> ,000	F61306_sr51
b. Explosives and blasting supplies	\$ <input type="text"/> ,000	F61306_sr52
c. Collecting reagents for concentrating ores	\$ <input type="text"/> ,000	F61306_sr53
d. Water treatment chemicals <b>Exclude</b> boiler compounds.	\$ <input type="text"/> ,000	F61306_sr54
e. Lumber and timber <b>e.g.</b> , building, supporting	\$ <input type="text"/> ,000	F61306_sr55
f. Lubricating oils and greases	\$ <input type="text"/> ,000	F61306_sr56
g. Grinding balls and rods	\$ <input type="text"/> ,000	F61306_sr57
h. Rock drill steel rods and bits	\$ <input type="text"/> ,000	F61306_sr58
i. Steel <b>e.g.</b> , bars, structures, plates, galvanized sheets	\$ <input type="text"/> ,000	F61306_sr59
j. Valves and plumbing supplies	\$ <input type="text"/> ,000	F61306_sr60
k. Non-returnable containers and other shipping and packaging materials	\$ <input type="text"/> ,000	F61306_sr61
l. Goods purchased for resale, as is <b>e.g.</b> , goods sold in same condition as purchased	\$ <input type="text"/> ,000	F61306_sr62
m. All other supplies	\$ <input type="text"/> ,000	F61306_sr63
<b>Total purchase expenses</b> The total purchase expenses should be equal to the amount reported in the expenses section at page 11 question 1a.	\$ <input type="text"/> ,000	F61306PF1

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2. For this reporting period, what were this establishment's **salaries, wages, and commissions** expenses for the following items?

	Salaries, wages and commissions (CAN\$ '000)	Average number of people employed	Total hours worked
a. Direct labour - underground e.g., employees engaged in the mining, milling, crushing, or screening <b>underground</b> operations related to this establishment	\$ <input type="text"/> ,000 F61501_sr64	<input type="text"/> B20064_sr64	<input type="text"/> B20071_sr64
b. Direct labour - surface e.g., employees engaged in the mining, milling, crushing, or screening <b>surface</b> operations related to this establishment	\$ <input type="text"/> ,000 F61501_sr65	<input type="text"/> B20064_sr65	<input type="text"/> B20071_sr65
c. Employees in new construction	\$ <input type="text"/> ,000 F61501_sr66	<input type="text"/> B20064_sr66	<input type="text"/> B20071_sr66
d. Indirect labour e.g., administrative, sales, support, distribution	\$ <input type="text"/> ,000 F61501_sr67	<input type="text"/> B20064_sr67	<input type="text"/> B20071_sr67
<b>Total</b>	\$ <input type="text"/> ,000 F61501PF1	<input type="text"/> B20064_sr68	<input type="text"/> B20071_sr68

3. Provide the breakdown **by gender** of the people employed at this establishment for the following items. If precise figures are not available, provide your best estimates.

	Employee male	Employees female	Employees other gender
a. Direct labour - underground e.g., employees engaged in the mining, milling, crushing, or screening <b>underground</b> operations related to this establishment	<input type="text"/> E00065_md1_sr64	<input type="text"/> E00065_md2_sr64	<input type="text"/> E00065_md3_sr64
b. Direct labour - surface e.g., employees engaged in the mining, milling, crushing, or screening <b>surface</b> operations related to this establishment	<input type="text"/> E00065_md1_sr65	<input type="text"/> E00065_md2_sr65	<input type="text"/> E00065_md3_sr65
c. Employees in new construction	<input type="text"/> E00065_md1_sr66	<input type="text"/> E00065_md2_sr66	<input type="text"/> E00065_md3_sr66
d. Indirect labour e.g., administrative, sales, support, distribution	<input type="text"/> E00065_md1_sr67	<input type="text"/> E00065_md2_sr67	<input type="text"/> E00065_md3_sr67
<b>Total number of employees</b>			<input type="text"/> B20064_sr68PF1

4. What was the percentage of indigenous employees in this establishment during the reporting period? If precise figures are not available, provide your best estimates.

Percentage

%  
E00064

5. For this reporting period, what were this establishment's **subcontract** expenses for the following items?

	(CAN\$ '000)
a. Amount paid to common or contract carriers	\$ <input type="text"/> ,000 <small>F62503_sr27</small>
b. Amount paid for contract drilling	\$ <input type="text"/> ,000 <small>F62503_sr28</small>
c. Amount paid to domestic smelters or refineries	\$ <input type="text"/> ,000 <small>F62503_sr29</small>
d. Amount paid to foreign smelters or refineries	\$ <input type="text"/> ,000 <small>F62503_sr30</small>
e. All other subcontracts	\$ <input type="text"/> ,000 <small>F62503_sr31</small>
<b>Total subcontract expenses</b> The total subcontract expenses should be equal to the amount reported in the expenses section at page 11 question 1c.	\$ <input type="text"/> ,000 <small>F62503PF1</small>

6. For this reporting period, what were this establishment's **royalties, franchise fees and membership** expenses for the following items?

	(CAN\$ '000)
a. Royalties paid to businesses	\$ <input type="text"/> ,000 <small>F62001_sr32</small>
b. Royalties paid to individuals	\$ <input type="text"/> ,000 <small>F62001_sr33</small>
c. All other royalties, franchise fees and memberships	\$ <input type="text"/> ,000 <small>F62001_sr34</small>
<b>Total royalties, franchise fees and membership expenses</b> The total royalties, franchise fees and membership expenses should be equal to the amount reported in the expenses section at page 11 question 1j.	\$ <input type="text"/> ,000 <small>F62001PF1</small>

7. For this reporting period, what were this establishment's **Crown charges** expenses for the following items?

	(CAN\$ '000)
a. Crown charges paid to the federal government	\$ <input type="text"/> ,000 <small>F62506_sr35</small>
b. Crown charges paid to provincial and territorial governments	\$ <input type="text"/> ,000 <small>F62506_sr36</small>
c. Crown charges paid to another level of government or to communities e.g., municipal, indigenous communities	\$ <input type="text"/> ,000 <small>F62506_sr37</small>
d. All other Crown charges	\$ <input type="text"/> ,000 <small>F62506_sr38</small>
<b>Total Crown charges expenses</b> The total Crown charges expenses should be equal to the amount reported in the expenses section at page 11 question 1k.	\$ <input type="text"/> ,000 <small>F62506PF1</small>

8. For this reporting period, what were this establishment's **repair and maintenance** expenses for the following items?

(CAN\$ '000)

a. Trucks, tractors and other automotive equipment repair and maintenance	\$	<input type="text"/>	,000
		F62201_sr39	
b. Other operating machinery and equipment repair and maintenance	\$	<input type="text"/>	,000
		F62201_sr40	
c. Building repair and maintenance	\$	<input type="text"/>	,000
		F62201_sr41	
d. All other repair and maintenance	\$	<input type="text"/>	,000
		F62201_sr42	
<b>Total repair and maintenance expenses</b>	\$	<input type="text"/>	,000
The total repair and maintenance expenses should be equal to the amount reported in the expenses section at page 11 question 1m.			
		F62201PF1	

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## Energy and water expenses

1. For this reporting period, what were this establishment's **energy and water** expenses for each of the following items?

	Quantity purchased	Value (CAN\$ '000)
a. Coal (in metric tons)	F61805_e1	\$ F61806_e1 ,000
b. Petroleum coke (in metric tons)	F61805_e2	\$ F61806_e2 ,000
c. Coke (in metric tons)	F61805_e3	\$ F61806_e3 ,000
d. Natural gas (in cubic metres)	F61805_e4	\$ F61806_e4 ,000
e. Gasoline - aviation (in litres)	F61805_e5	\$ F61806_e5 ,000
f. Gasoline - motor vehicle (in litres)	F61805_e6	\$ F61806_e6 ,000
g. Kerosene (in litres) <b>Exclude</b> jet fuel.	F61805_e7	\$ F61806_e7 ,000
h. Diesel fuel (in litres)	F61805_e8	\$ F61806_e8 ,000
i. Light fuel oil (in litres) <b>Include</b> number 2 and 3.	F61805_e9	\$ F61806_e9 ,000
j. Heavy fuel oil (in litres) <b>Include</b> number 2 and 3.	F61805_e10	\$ F61806_e10 ,000
k. Propane (in litres)	F61805_e11	\$ F61806_e11 ,000
l. Butane (in litres)	F61805_e12	\$ F61806_e12 ,000
m. Electricity - purchased (in kilowatt-hours) <b>Include</b> service charges	F61805_e13	\$ F61806_e13 ,000
n. Steam - purchased (in gigajoules)	F61805_e14	\$ F61806_e14 ,000
o. Wood (in metric tons)	F61805_e15	\$ F61806_e15 ,000
p. Water (in litres)	F61805_e16	\$ F61806_e16 ,000
q. All other energy expenses — Specify: <b>e.g.</b> , oxygen, hydrogen	Unit of measure	
F61805_e18	B40346_e17	\$ F61806_e17 ,000
<b>Total energy and water expenses</b>		\$ F61801PF1 ,000
The total energy and water expenses should be equal to the amount reported in the expenses section at page 11 question 1f		

# Mineral resources and ore extraction or treatment - aggregates, clay and refractory minerals

**i** The following questions are related to the quantity of ore or mineral resources this establishment extracted or processed for this reporting period.

**Notes:**

- these questions are asked for many different industries
- some questions may not apply to this establishment
- when precise figures are not available, please provide your best estimates.

1. Select the unit of measure in which you would like to report the quantity of mineral resources or ore this establishment extracted or processed during the reporting period.

**Note :** The same unit of measure must be used for all quantities.

B40335

1 Metric tons

2 Short tons

2. For this reporting period, what was the **quantity** of mineral resources or ore extracted or processed by this establishment for the following items?

	Quantity
a. Raw mineral resources or crude ore extracted	<input type="text"/> E45214_sr10
b. Mineral resources or ore milled or processed	<input type="text"/> E45214_sr11
c. Rock waste or other waste	<input type="text"/> E45214_sr12
d. Mineral resources or ore reprocessed from tailings	<input type="text"/> E45214_sr13
e. All other materials — Specify: (e.g., brine, slurry)	<input type="text"/> E45214_sr14
<input type="text"/> E45214_sr15	

3. What is this establishment's excavation type?

Select all that apply.

1 Underground

B05357\_y5

1 Surface

B05357\_y6

1 Brine wells or mine wells

B05357\_y7

1 Other excavation type — Specify:

B05357\_y8

B05357\_y9

## Delivery cost - aggregates, clay and refractory minerals

4. For this reporting period, what was this establishment's cost of delivering goods **from own production, by own labour and vehicles** (including the **value of non-returnable containers**)?

**Include** outward transportation charges or delivery expenses incurred by the establishment's own carriers, and the value of non-returnable containers.

**Exclude** transportation charges or delivery expenses using a third party carrier.

Value  
(CAN\$ '000)

\$  ,000

F62434

## Production - aggregates, clay and refractory minerals

- i** The following modules are related to production.

You will be asked to provide information on quantities and values of the outputs produced by this establishment as well as inventories, transfers, shipments and losses.

**Notes:**

- These questions are asked for many different industries.
- Some questions may not apply to this establishment.
- When precise figures are not available, please provide your best estimates.

Opening inventory

**Include** stock of minerals this establishment **owns** on **the first day of the period** whether it is stored at the mine or facility, stored outside the mine or facility, or in transit but not yet sold; minerals that this establishment **owns**, produced under contract and stored at another establishment; minerals that will be re-processed or re-milled or used in the production of other mining products at this mine or facility.

**Exclude** stock of minerals this establishment **does not own, e.g.**, minerals produced, processed or milled by this establishment, under contract for another mine or facility.

Production

**Include** minerals this establishment **owns** that were extracted, produced, processed or milled at this mine or facility; minerals this establishment **owns** but were produced, processed, or milled at another mine or facility.

**Exclude** re-processed or re-milled minerals and any other minerals, this establishment **does not own** and were produced, processed, or milled under contract for another mine or facility.

Shipments

**Include** minerals this establishment **owns** that were **sold** to another establishment, whether it is intra or inter company; mineral shipped to facilities that operate outside of Canada.

**Exclude** minerals transferred (transfers in or out), but not yet sold, from this mine or facility to another site whether it is intra or inter company.

Closing inventory

**Include** stock of minerals this establishment **owns** on **the last day of the period** whether it is stored at the mine or facility, stored outside the mine or facility, or in transit but not yet sold; the minerals that this establishment owns, but produced under contract and stored at another establishment; minerals that will be re-processed or re-milled or used in the production of other mining products at this mine or facility.

**Exclude** stock of minerals this establishment **does not own, e.g.**, minerals produced processed or milled by this establishment, under contract for another mine or facility.

## Production - aggregates, clay and refractory minerals

5. Select the unit of measure in which you would like to report the questions related to quantities for every product.

		Metric tons	Short tons	Kilograms	Pounds	Grams	Troy ounces
1	<input type="checkbox"/> Silica sand, quartz crude, quartz milled <small>B05355_p256</small>	14 <input type="radio"/>	17 <input type="radio"/>	9 <input type="radio"/>	16 <input type="radio"/>	21 <input type="radio"/>	22 <input type="radio"/>
1	<input type="checkbox"/> Gravel (natural/crushed), natural sand <small>B05355_p257</small>	14 <input type="radio"/>	17 <input type="radio"/>	9 <input type="radio"/>	16 <input type="radio"/>	21 <input type="radio"/>	22 <input type="radio"/>
1	<input type="checkbox"/> Granite <small>B05355_p259</small>	14 <input type="radio"/>	17 <input type="radio"/>	9 <input type="radio"/>	16 <input type="radio"/>	21 <input type="radio"/>	22 <input type="radio"/>
1	<input type="checkbox"/> Marble <small>B05355_p260</small>	14 <input type="radio"/>	17 <input type="radio"/>	9 <input type="radio"/>	16 <input type="radio"/>	21 <input type="radio"/>	22 <input type="radio"/>
1	<input type="checkbox"/> Sandstone <small>B05355_p261</small>	14 <input type="radio"/>	17 <input type="radio"/>	9 <input type="radio"/>	16 <input type="radio"/>	21 <input type="radio"/>	22 <input type="radio"/>
1	<input type="checkbox"/> Limestone <small>B05355_p262</small>	14 <input type="radio"/>	17 <input type="radio"/>	9 <input type="radio"/>	16 <input type="radio"/>	21 <input type="radio"/>	22 <input type="radio"/>
1	<input type="checkbox"/> Shale <small>B05355_p263</small>	14 <input type="radio"/>	17 <input type="radio"/>	9 <input type="radio"/>	16 <input type="radio"/>	21 <input type="radio"/>	22 <input type="radio"/>
1	<input type="checkbox"/> Slate <small>B05355_p264</small>	14 <input type="radio"/>	17 <input type="radio"/>	9 <input type="radio"/>	16 <input type="radio"/>	21 <input type="radio"/>	22 <input type="radio"/>
1	<input type="checkbox"/> Lime - quicklime <small>B05355_p210</small>	14 <input type="radio"/>	17 <input type="radio"/>	9 <input type="radio"/>	16 <input type="radio"/>	21 <input type="radio"/>	22 <input type="radio"/>
1	<input type="checkbox"/> Lime - hydrated lime <small>B05355_p211</small>	14 <input type="radio"/>	17 <input type="radio"/>	9 <input type="radio"/>	16 <input type="radio"/>	21 <input type="radio"/>	22 <input type="radio"/>
1	<input type="checkbox"/> Clay <small>B05355_p202</small>	14 <input type="radio"/>	17 <input type="radio"/>	9 <input type="radio"/>	16 <input type="radio"/>	21 <input type="radio"/>	22 <input type="radio"/>
1	<input type="checkbox"/> Clay products <small>B05355_p203</small>	14 <input type="radio"/>	17 <input type="radio"/>	9 <input type="radio"/>	16 <input type="radio"/>	21 <input type="radio"/>	22 <input type="radio"/>
1	<input type="checkbox"/> Magnesite <small>B05355_p265</small>	14 <input type="radio"/>	17 <input type="radio"/>	9 <input type="radio"/>	16 <input type="radio"/>	21 <input type="radio"/>	22 <input type="radio"/>
1	<input type="checkbox"/> Nepheline syenite <small>B05355_p212</small>	14 <input type="radio"/>	17 <input type="radio"/>	9 <input type="radio"/>	16 <input type="radio"/>	21 <input type="radio"/>	22 <input type="radio"/>
1	<input type="checkbox"/> Other 1 - Specify: <input style="width: 150px;" type="text"/> <small>B05355_p271</small> <small>B05355_p281</small>	14 <input type="radio"/>	17 <input type="radio"/>	9 <input type="radio"/>	16 <input type="radio"/>	21 <input type="radio"/>	22 <input type="radio"/>
1	<input type="checkbox"/> Other 2 - Specify: <input style="width: 150px;" type="text"/> <small>B05355_p272</small> <small>B05355_p282</small>	14 <input type="radio"/>	17 <input type="radio"/>	9 <input type="radio"/>	16 <input type="radio"/>	21 <input type="radio"/>	22 <input type="radio"/>
1	<input type="checkbox"/> Other 3 - Specify: <input style="width: 150px;" type="text"/> <small>B05355_p273</small> <small>B05355_p283</small>	14 <input type="radio"/>	17 <input type="radio"/>	9 <input type="radio"/>	16 <input type="radio"/>	21 <input type="radio"/>	22 <input type="radio"/>
1	<input type="checkbox"/> Other 4 - Specify: <input style="width: 150px;" type="text"/> <small>B05355_p274</small> <small>B05355_p284</small>	14 <input type="radio"/>	17 <input type="radio"/>	9 <input type="radio"/>	16 <input type="radio"/>	21 <input type="radio"/>	22 <input type="radio"/>
1	<input type="checkbox"/> Other 5 - Specify: <input style="width: 150px;" type="text"/> <small>B05355_p275</small> <small>B05355_p285</small>	14 <input type="radio"/>	17 <input type="radio"/>	9 <input type="radio"/>	16 <input type="radio"/>	21 <input type="radio"/>	22 <input type="radio"/>
1	<input type="checkbox"/> Other 6 - Specify: <input style="width: 150px;" type="text"/> <small>B05355_p276</small> <small>B05355_p286</small>	14 <input type="radio"/>	17 <input type="radio"/>	9 <input type="radio"/>	16 <input type="radio"/>	21 <input type="radio"/>	22 <input type="radio"/>

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7. For this reporting period, provide the following for every product.

		Opening inventory	
		Quantity	Value (CAN\$ '000)
1	<input type="checkbox"/> Silica sand, quartz crude, quartz milled	<input type="text"/> E44136_p	\$ <input type="text"/> ,000 E44141_p
1	<input type="checkbox"/> Gravel (natural/crushed), natural sand	<input type="text"/> E44136_p	\$ <input type="text"/> ,000 E44141_p
1	<input type="checkbox"/> Granite	<input type="text"/> E44136_p	\$ <input type="text"/> ,000 E44141_p
1	<input type="checkbox"/> Marble	<input type="text"/> E44136_p	\$ <input type="text"/> ,000 E44141_p
1	<input type="checkbox"/> Sandstone	<input type="text"/> E44136_p	\$ <input type="text"/> ,000 E44141_p
1	<input type="checkbox"/> Limestone	<input type="text"/> E44136_p	\$ <input type="text"/> ,000 E44141_p
1	<input type="checkbox"/> Shale	<input type="text"/> E44136_p	\$ <input type="text"/> ,000 E44141_p
1	<input type="checkbox"/> Slate	<input type="text"/> E44136_p	\$ <input type="text"/> ,000 E44141_p
1	<input type="checkbox"/> Lime - quicklime	<input type="text"/> E44136_p	\$ <input type="text"/> ,000 E44141_p
1	<input type="checkbox"/> Lime - hydrated lime	<input type="text"/> E44136_p	\$ <input type="text"/> ,000 E44141_p
1	<input type="checkbox"/> Clay	<input type="text"/> E44136_p	\$ <input type="text"/> ,000 E44141_p
1	<input type="checkbox"/> Clay products	<input type="text"/> E44136_p	\$ <input type="text"/> ,000 E44141_p
1	<input type="checkbox"/> Magnesite	<input type="text"/> E44136_p	\$ <input type="text"/> ,000 E44141_p
1	<input type="checkbox"/> Nepheline syenite	<input type="text"/> E44136_p	\$ <input type="text"/> ,000 E44141_p
1	<input type="checkbox"/> Other 1	<input type="text"/> E44136_p	\$ <input type="text"/> ,000 E44141_p
1	<input type="checkbox"/> Other 2	<input type="text"/> E44136_p	\$ <input type="text"/> ,000 E44141_p
1	<input type="checkbox"/> Other 3	<input type="text"/> E44136_p	\$ <input type="text"/> ,000 E44141_p
1	<input type="checkbox"/> Other 4	<input type="text"/> E44136_p	\$ <input type="text"/> ,000 E44141_p
1	<input type="checkbox"/> Other 5	<input type="text"/> E44136_p	\$ <input type="text"/> ,000 E44141_p
1	<input type="checkbox"/> Other 6	<input type="text"/> E44136_p	\$ <input type="text"/> ,000 E44141_p

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## Destination of shipments - aggregates, clay and refractory minerals

8. For this reporting period, provide the percentage breakdown of this establishment's destination of shipments based on the dollar value reported on page 23.

		Canada				
		Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec
1	<input type="checkbox"/> Silica sand, quartz crude, quartz milled	<input type="text"/> % E65383_g1_p	<input type="text"/> % E65383_g2_p	<input type="text"/> % E65383_g3_p	<input type="text"/> % E65383_g4_p	<input type="text"/> % E65383_g5_p
1	<input type="checkbox"/> Gravel (natural/crushed), natural sand	<input type="text"/> % E65383_g1_p	<input type="text"/> % E65383_g2_p	<input type="text"/> % E65383_g3_p	<input type="text"/> % E65383_g4_p	<input type="text"/> % E65383_g5_p
1	<input type="checkbox"/> Granite	<input type="text"/> % E65383_g1_p	<input type="text"/> % E65383_g2_p	<input type="text"/> % E65383_g3_p	<input type="text"/> % E65383_g4_p	<input type="text"/> % E65383_g5_p
1	<input type="checkbox"/> Marble	<input type="text"/> % E65383_g1_p	<input type="text"/> % E65383_g2_p	<input type="text"/> % E65383_g3_p	<input type="text"/> % E65383_g4_p	<input type="text"/> % E65383_g5_p
1	<input type="checkbox"/> Sandstone	<input type="text"/> % E65383_g1_p	<input type="text"/> % E65383_g2_p	<input type="text"/> % E65383_g3_p	<input type="text"/> % E65383_g4_p	<input type="text"/> % E65383_g5_p
1	<input type="checkbox"/> Limestone	<input type="text"/> % E65383_g1_p	<input type="text"/> % E65383_g2_p	<input type="text"/> % E65383_g3_p	<input type="text"/> % E65383_g4_p	<input type="text"/> % E65383_g5_p
1	<input type="checkbox"/> Shale	<input type="text"/> % E65383_g1_p	<input type="text"/> % E65383_g2_p	<input type="text"/> % E65383_g3_p	<input type="text"/> % E65383_g4_p	<input type="text"/> % E65383_g5_p
1	<input type="checkbox"/> Slate	<input type="text"/> % E65383_g1_p	<input type="text"/> % E65383_g2_p	<input type="text"/> % E65383_g3_p	<input type="text"/> % E65383_g4_p	<input type="text"/> % E65383_g5_p
1	<input type="checkbox"/> Lime - quicklime	<input type="text"/> % E65383_g1_p	<input type="text"/> % E65383_g2_p	<input type="text"/> % E65383_g3_p	<input type="text"/> % E65383_g4_p	<input type="text"/> % E65383_g5_p
1	<input type="checkbox"/> Lime - hydrated lime	<input type="text"/> % E65383_g1_p	<input type="text"/> % E65383_g2_p	<input type="text"/> % E65383_g3_p	<input type="text"/> % E65383_g4_p	<input type="text"/> % E65383_g5_p
1	<input type="checkbox"/> Clay	<input type="text"/> % E65383_g1_p	<input type="text"/> % E65383_g2_p	<input type="text"/> % E65383_g3_p	<input type="text"/> % E65383_g4_p	<input type="text"/> % E65383_g5_p
1	<input type="checkbox"/> Clay products	<input type="text"/> % E65383_g1_p	<input type="text"/> % E65383_g2_p	<input type="text"/> % E65383_g3_p	<input type="text"/> % E65383_g4_p	<input type="text"/> % E65383_g5_p
1	<input type="checkbox"/> Magnesite	<input type="text"/> % E65383_g1_p	<input type="text"/> % E65383_g2_p	<input type="text"/> % E65383_g3_p	<input type="text"/> % E65383_g4_p	<input type="text"/> % E65383_g5_p
1	<input type="checkbox"/> Nepheline syenite	<input type="text"/> % E65383_g1_p	<input type="text"/> % E65383_g2_p	<input type="text"/> % E65383_g3_p	<input type="text"/> % E65383_g4_p	<input type="text"/> % E65383_g5_p
1	<input type="checkbox"/> Other 1	<input type="text"/> % E65383_g1_p	<input type="text"/> % E65383_g2_p	<input type="text"/> % E65383_g3_p	<input type="text"/> % E65383_g4_p	<input type="text"/> % E65383_g5_p
1	<input type="checkbox"/> Other 2	<input type="text"/> % E65383_g1_p	<input type="text"/> % E65383_g2_p	<input type="text"/> % E65383_g3_p	<input type="text"/> % E65383_g4_p	<input type="text"/> % E65383_g5_p
1	<input type="checkbox"/> Other 3	<input type="text"/> % E65383_g1_p	<input type="text"/> % E65383_g2_p	<input type="text"/> % E65383_g3_p	<input type="text"/> % E65383_g4_p	<input type="text"/> % E65383_g5_p
1	<input type="checkbox"/> Other 4	<input type="text"/> % E65383_g1_p	<input type="text"/> % E65383_g2_p	<input type="text"/> % E65383_g3_p	<input type="text"/> % E65383_g4_p	<input type="text"/> % E65383_g5_p
1	<input type="checkbox"/> Other 5	<input type="text"/> % E65383_g1_p	<input type="text"/> % E65383_g2_p	<input type="text"/> % E65383_g3_p	<input type="text"/> % E65383_g4_p	<input type="text"/> % E65383_g5_p
1	<input type="checkbox"/> Other 6	<input type="text"/> % E65383_g1_p	<input type="text"/> % E65383_g2_p	<input type="text"/> % E65383_g3_p	<input type="text"/> % E65383_g4_p	<input type="text"/> % E65383_g5_p





8. For this reporting period, provide the percentage breakdown of this establishment's destination of shipments based on the **dollar value** reported on page 23.

		Outside Canada				Total sales
		USA	Asia	Europe	Other	
1	Silica sand, quartz crude, quartz milled	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %
		E65383_g20_p	E65383_g21_p	E65383_g22_p	E65383_g99_p	E65383_g100_p
1	Gravel (natural/crushed), natural sand	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %
		E65383_g20_p	E65383_g21_p	E65383_g22_p	E65383_g99_p	E65383_g100_p
1	Granite	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %
		E65383_g20_p	E65383_g21_p	E65383_g22_p	E65383_g99_p	E65383_g100_p
1	Marble	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %
		E65383_g20_p	E65383_g21_p	E65383_g22_p	E65383_g99_p	E65383_g100_p
1	Sandstone	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %
		E65383_g20_p	E65383_g21_p	E65383_g22_p	E65383_g99_p	E65383_g100_p
1	Limestone	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %
		E65383_g20_p	E65383_g21_p	E65383_g22_p	E65383_g99_p	E65383_g100_p
1	Shale	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %
		E65383_g20_p	E65383_g21_p	E65383_g22_p	E65383_g99_p	E65383_g100_p
1	Slate	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %
		E65383_g20_p	E65383_g21_p	E65383_g22_p	E65383_g99_p	E65383_g100_p
1	Lime - quicklime	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %
		E65383_g20_p	E65383_g21_p	E65383_g22_p	E65383_g99_p	E65383_g100_p
1	Lime - hydrated lime	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %
		E65383_g20_p	E65383_g21_p	E65383_g22_p	E65383_g99_p	E65383_g100_p
1	Clay	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %
		E65383_g20_p	E65383_g21_p	E65383_g22_p	E65383_g99_p	E65383_g100_p
1	Clay products	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %
		E65383_g20_p	E65383_g21_p	E65383_g22_p	E65383_g99_p	E65383_g100_p
1	Magnetite	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %
		E65383_g20_p	E65383_g21_p	E65383_g22_p	E65383_g99_p	E65383_g100_p
1	Nepheline syenite	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %
		E65383_g20_p	E65383_g21_p	E65383_g22_p	E65383_g99_p	E65383_g100_p
1	Other 1	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %
		E65383_g20_p	E65383_g21_p	E65383_g22_p	E65383_g99_p	E65383_g100_p
1	Other 2	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %
		E65383_g20_p	E65383_g21_p	E65383_g22_p	E65383_g99_p	E65383_g100_p
1	Other 3	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %
		E65383_g20_p	E65383_g21_p	E65383_g22_p	E65383_g99_p	E65383_g100_p
1	Other 4	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %
		E65383_g20_p	E65383_g21_p	E65383_g22_p	E65383_g99_p	E65383_g100_p
1	Other 5	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %
		E65383_g20_p	E65383_g21_p	E65383_g22_p	E65383_g99_p	E65383_g100_p
1	Other 6	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %
		E65383_g20_p	E65383_g21_p	E65383_g22_p	E65383_g99_p	E65383_g100_p

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## End use - aggregates, clay and refractory minerals

9. For this reporting period, veuillez fournir provide the percentage of every product used in or sold for the production of the following products. Percentages should be based on the **quantity of the shipments** reported on page 23.

**Note: Do not include** the percentage used in your own production.

	Percentage	
	Silica sand, quartz crude, quartz milled	Gravel (natural/crushed), natural sand
<b>➤ Sand and gravel - end use</b>		
a. Fill	<input type="text"/> % E65382_pd30_p	<input type="text"/> % E65382_pd30_p
b. Roads (construction and maintenance)	<input type="text"/> % E65382_pd30_p	<input type="text"/> % E65382_pd30_p
c. Roads (ice control)	<input type="text"/> % E65382_pd32_p	<input type="text"/> % E65382_pd32_p
d. Concrete aggregate	<input type="text"/> % E65382_pd33_p	<input type="text"/> % E65382_pd33_p
e. Railroad ballast	<input type="text"/> % E65382_pd34_p	<input type="text"/> % E65382_pd34_p
f. Backfill for mines	<input type="text"/> % E65382_pd35_p	<input type="text"/> % E65382_pd35_p
g. Mortar sand	<input type="text"/> % E65382_pd36_p	<input type="text"/> % E65382_pd36_p
h. Other sand and gravel end use — specify: <input type="text"/>	<input type="text"/> % E65382_pd37_p	<input type="text"/> % E65382_pd37_p
<input type="text"/> E65382_pd38_p		

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## End use - aggregates, clay and refractory minerals

10. For this reporting period, provide the percentage of every product used in or sold for the production of the following products. Percentages should be based on the **quantity of the shipments** reported on page 23.

**Note: Do not include** the percentage used in your own production.

		Percentage					
		Granite	Marble	Sandstone	Limestone	Shale	Slate
<p>➤ <b>Stone - end use</b></p>							
<p>i. For use as <b>dimensional stone</b>  <b>Include</b> building stone, monumental and ornamental stone, flagstone, curbstone, paving blocks.</p>	<input type="text"/> <small>E65382_pd39_p</small>	<input type="text"/> % <small>E65382_pd39_p</small>	<input type="text"/> % <small>E65382_pd39_p</small>	<input type="text"/> % <small>E65382_pd39_p</small>	<input type="text"/> % <small>E65382_pd39_p</small>	<input type="text"/> % <small>E65382_pd39_p</small>	<input type="text"/> % <small>E65382_pd39_p</small>
<p>j. For use as <b>chemical process stone</b>  <b>Include</b> lime, flux in iron and steel furnaces, flux in nonferrous smelters, glass (glass manufacture), pulp and paper, sugar (sugar refineries).</p>	<input type="text"/> <small>E65382_pd40_p</small>	<input type="text"/> % <small>E65382_pd40_p</small>	<input type="text"/> % <small>E65382_pd40_p</small>	<input type="text"/> % <small>E65382_pd40_p</small>	<input type="text"/> % <small>E65382_pd40_p</small>	<input type="text"/> % <small>E65382_pd40_p</small>	<input type="text"/> % <small>E65382_pd40_p</small>
<p>k. For use as <b>pulverized stone</b>  <b>Include</b> whitening, asphalt filler, agricultural purposes and fertilizer plants.</p>	<input type="text"/> <small>E65382_pd41_p</small>	<input type="text"/> % <small>E65382_pd41_p</small>	<input type="text"/> % <small>E65382_pd41_p</small>	<input type="text"/> % <small>E65382_pd41_p</small>	<input type="text"/> % <small>E65382_pd41_p</small>	<input type="text"/> % <small>E65382_pd41_p</small>	<input type="text"/> % <small>E65382_pd41_p</small>
<p>l. For use as <b>crushed stone</b>  <b>Include</b> concrete aggregate, asphalt aggregate, road metal, road abrasives, railroad ballast.</p>	<input type="text"/> <small>E65382_pd42_p</small>	<input type="text"/> % <small>E65382_pd42_p</small>	<input type="text"/> % <small>E65382_pd42_p</small>	<input type="text"/> % <small>E65382_pd42_p</small>	<input type="text"/> % <small>E65382_pd42_p</small>	<input type="text"/> % <small>E65382_pd42_p</small>	<input type="text"/> % <small>E65382_pd42_p</small>
<p>m. For use as <b>miscellaneous stone</b>  <b>Include</b> crushed stone for artificial stone, roofing granules, poultry grit, rock wool, rubble and riprap.</p>	<input type="text"/> <small>E65382_pd43_p</small>	<input type="text"/> % <small>E65382_pd43_p</small>	<input type="text"/> % <small>E65382_pd43_p</small>	<input type="text"/> % <small>E65382_pd43_p</small>	<input type="text"/> % <small>E65382_pd43_p</small>	<input type="text"/> % <small>E65382_pd43_p</small>	<input type="text"/> % <small>E65382_pd43_p</small>
<p>n. Other stone product end use – Specify:</p>	<input type="text"/> <small>E65382_pd45_p</small>	<input type="text"/> % <small>E65382_pd44_p</small>	<input type="text"/> % <small>E65382_pd44_p</small>	<input type="text"/> % <small>E65382_pd44_p</small>	<input type="text"/> % <small>E65382_pd44_p</small>	<input type="text"/> % <small>E65382_pd44_p</small>	<input type="text"/> % <small>E65382_pd44_p</small>

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## Forecasted production and shipments - aggregates, clay and refractory minerals

11. Provide for fiscal year 2020 this establishment's forecasted production and shipments for each product selected in question 5.

	Forecasted production		Forecasted shipments	
	Quantity	Value (CAN\$ '000)	Quantity	Value (CAN\$ '000)
1 <input type="checkbox"/> Silica sand, quartz crude, quartz milled	<input type="text"/> <small>E45221_p</small>	\$ <input type="text"/> ,000 <small>E45222_p</small>	<input type="text"/> <small>E65386_p</small>	\$ <input type="text"/> ,000 <small>E65387_p</small>
1 <input type="checkbox"/> Gravel (natural/crushed), natural sand	<input type="text"/> <small>E45221_p</small>	\$ <input type="text"/> ,000 <small>E45222_p</small>	<input type="text"/> <small>E65386_p</small>	\$ <input type="text"/> ,000 <small>E65387_p</small>
1 <input type="checkbox"/> Granite	<input type="text"/> <small>E45221_p</small>	\$ <input type="text"/> ,000 <small>E45222_p</small>	<input type="text"/> <small>E65386_p</small>	\$ <input type="text"/> ,000 <small>E65387_p</small>
1 <input type="checkbox"/> Marble	<input type="text"/> <small>E45221_p</small>	\$ <input type="text"/> ,000 <small>E45222_p</small>	<input type="text"/> <small>E65386_p</small>	\$ <input type="text"/> ,000 <small>E65387_p</small>
1 <input type="checkbox"/> Sandstone	<input type="text"/> <small>E45221_p</small>	\$ <input type="text"/> ,000 <small>E45222_p</small>	<input type="text"/> <small>E65386_p</small>	\$ <input type="text"/> ,000 <small>E65387_p</small>
1 <input type="checkbox"/> Limestone	<input type="text"/> <small>E45221_p</small>	\$ <input type="text"/> ,000 <small>E45222_p</small>	<input type="text"/> <small>E65386_p</small>	\$ <input type="text"/> ,000 <small>E65387_p</small>
1 <input type="checkbox"/> Shale	<input type="text"/> <small>E45221_p</small>	\$ <input type="text"/> ,000 <small>E45222_p</small>	<input type="text"/> <small>E65386_p</small>	\$ <input type="text"/> ,000 <small>E65387_p</small>
1 <input type="checkbox"/> Slate	<input type="text"/> <small>E45221_p</small>	\$ <input type="text"/> ,000 <small>E45222_p</small>	<input type="text"/> <small>E65386_p</small>	\$ <input type="text"/> ,000 <small>E65387_p</small>
1 <input type="checkbox"/> Lime - quicklime	<input type="text"/> <small>E45221_p</small>	\$ <input type="text"/> ,000 <small>E45222_p</small>	<input type="text"/> <small>E65386_p</small>	\$ <input type="text"/> ,000 <small>E65387_p</small>
1 <input type="checkbox"/> Lime - hydrated lime	<input type="text"/> <small>E45221_p</small>	\$ <input type="text"/> ,000 <small>E45222_p</small>	<input type="text"/> <small>E65386_p</small>	\$ <input type="text"/> ,000 <small>E65387_p</small>
1 <input type="checkbox"/> Clay	<input type="text"/> <small>E45221_p</small>	\$ <input type="text"/> ,000 <small>E45222_p</small>	<input type="text"/> <small>E65386_p</small>	\$ <input type="text"/> ,000 <small>E65387_p</small>
1 <input type="checkbox"/> Clay products	<input type="text"/> <small>E45221_p</small>	\$ <input type="text"/> ,000 <small>E45222_p</small>	<input type="text"/> <small>E65386_p</small>	\$ <input type="text"/> ,000 <small>E65387_p</small>
1 <input type="checkbox"/> Magnesite	<input type="text"/> <small>E45221_p</small>	\$ <input type="text"/> ,000 <small>E45222_p</small>	<input type="text"/> <small>E65386_p</small>	\$ <input type="text"/> ,000 <small>E65387_p</small>
1 <input type="checkbox"/> Nepheline syenite	<input type="text"/> <small>E45221_p</small>	\$ <input type="text"/> ,000 <small>E45222_p</small>	<input type="text"/> <small>E65386_p</small>	\$ <input type="text"/> ,000 <small>E65387_p</small>
1 <input type="checkbox"/> Other 1	<input type="text"/> <small>E45221_p</small>	\$ <input type="text"/> ,000 <small>E45222_p</small>	<input type="text"/> <small>E65386_p</small>	\$ <input type="text"/> ,000 <small>E65387_p</small>
1 <input type="checkbox"/> Other 2	<input type="text"/> <small>E45221_p</small>	\$ <input type="text"/> ,000 <small>E45222_p</small>	<input type="text"/> <small>E65386_p</small>	\$ <input type="text"/> ,000 <small>E65387_p</small>
1 <input type="checkbox"/> Other 3	<input type="text"/> <small>E45221_p</small>	\$ <input type="text"/> ,000 <small>E45222_p</small>	<input type="text"/> <small>E65386_p</small>	\$ <input type="text"/> ,000 <small>E65387_p</small>
1 <input type="checkbox"/> Other 4	<input type="text"/> <small>E45221_p</small>	\$ <input type="text"/> ,000 <small>E45222_p</small>	<input type="text"/> <small>E65386_p</small>	\$ <input type="text"/> ,000 <small>E65387_p</small>
1 <input type="checkbox"/> Other 5	<input type="text"/> <small>E45221_p</small>	\$ <input type="text"/> ,000 <small>E45222_p</small>	<input type="text"/> <small>E65386_p</small>	\$ <input type="text"/> ,000 <small>E65387_p</small>
1 <input type="checkbox"/> Other 6	<input type="text"/> <small>E45221_p</small>	\$ <input type="text"/> ,000 <small>E45222_p</small>	<input type="text"/> <small>E65386_p</small>	\$ <input type="text"/> ,000 <small>E65387_p</small>

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## Changes or events

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

Mark all that apply.

- Strike or lock-out  
B00302\_11
- Exchange rate impact  
B00302\_12
- Price changes in goods or services sold  
B00302\_13
- Contracting out  
B00302\_14
- Natural disaster  
B00302\_17
- Recession  
B00302\_18
- New or lost contract  
B00302\_112
- Plant closures  
B00302\_113
- Vacation or maintenance periods  
B00302\_118
- Equipment failure  
B00302\_119
- Seasonal operations  
B00302\_120
- Increased or decreased market demand  
B00302\_122
- End of business activities  
B00302\_134
- Weather — early or late start to spring or winter  
B00302\_125
- Plant expansion or contraction  
B00302\_121
- Other changes or events — specify:  
B00302\_115

B00302\_116

**OR**

- No changes or events  
B00302\_117

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## General information

### Confidentiality

#### Your answers are confidential.

By law, Statistics Canada is prohibited from releasing any information it collects that could identify any person, business, or organization, unless consent has been given by the respondent, or as permitted by the *Statistics Act*. Statistics Canada will use the information from this survey for statistical purposes only.

### Data-sharing agreements

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

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

For this survey, there are **Section 11** agreements with the provincial and territorial statistical agencies of Newfoundland and Labrador, Nova Scotia, New Brunswick, 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 and returning it with the completed questionnaire. Please specify the organizations with which you do not want to share your data.

For surveys in the Minerals and Metals Production Statistics Program, there are **Section 12** agreements with Natural Resources Canada, Environment and Climate Change Canada, the statistical agencies of Prince Edward Island, the Northwest Territories and Nunavut as well as with the Newfoundland and Labrador Department of Natural Resources, the Nova Scotia Department of Natural Resources, the ministère de l'Énergie et des Ressources naturelles du Québec, Transition Énergétique Québec, the Ontario Ministry of Energy, Northern Development and Mines, the Alberta Department of Treasury Board and Finance, Alberta Energy Regulator, the Alberta Department of Transportation, the British Columbia Ministry of Energy, Mines and Petroleum Resources, the Northwest Territories Department of Industry, Tourism and Investment and the Nunavut Department of Economic Development and Transportation.

For agreements with provincial and territorial government organizations, the shared data will be limited to information pertaining to business establishments located within the jurisdiction of the respective province or territory.

### Record linkages

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

**Thank you for completing this questionnaire.**

**Please retain a copy for your records.**

**Visit our website, [www.statcan.gc.ca](http://www.statcan.gc.ca)**