

2021 Annual Industrial Chemicals and Synthetic Resins Survey

CONFIDENTIAL once completed.

Selon nos dossiers votre langue de préférence est l'anglais, si vous préférez recevoir ce document en français, veuillez nous appeler au numéro sans frais suivant: 1-877-949-9492 ou ATS 1-800-363-7629

This information is collected under the authority of the *Statistics Act*, Revised Statutes of Canada, 1985, Chapter S-19.
Your participation in this survey is required under the authority of the *Statistics Act*.

Introduction

Survey purpose

The purpose of this survey is to obtain information from Canadian manufacturers on quantities of selected industrial chemicals and new virgin resins produced. Data collected by this survey provide an indicator of the economic condition of the producing industry and can serve as input to study market share and industry trends.

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 the transmission of information by facsimile or email. However upon receipt, Statistics Canada will provide the guaranteed level of protection afforded to 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

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.

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.

For reporting data for the most recent year under review, the preferred collection method is the electronic questionnaire. If you have not received your electronic questionnaire through e-mail or if you need help, please contact us.

Telephone

1-877-949-9492 (TTY: 1-800-363-7629)

Monday to Friday (except holidays), from 8:00 a.m. to 7:00 p.m. (Eastern Time)

Email

Technical assistance: statcan.sos-sos.statcan@canada.ca

General enquiries: STATCAN.infostats-infostats.STATCAN@canada.ca

Visit our website, www.statcan.gc.ca

Reporting instructions

- Please print in ink.
- When precise figures are not available, provide your best estimates.
- Report quantities **rounded to the nearest unit**.

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?

Date YYYY MM DD
B00217

When does this business or organization expect to resume operations?

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

3b. Ceased operations

When did this business or organization cease operations?

Date YYYY MM DD
B00211

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
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

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"/>

Reporting period information

1. Provide the start and end dates of this business's reporting period for the current year. If submitting an adjustment for a previous reporting period, provide the start and end dates for the reporting period being revised.

	YYYY	MM	DD		YYYY	MM	DD
Start date	<input type="text"/>	<input type="text"/>	<input type="text"/>	End date	<input type="text"/>	<input type="text"/>	<input type="text"/>

2. What are the reasons the reporting period does not cover the full year?

Mark all that apply.

B00301_r1

☐

Seasonal operations

B00301_r2

☐

New business

B00301_r3

☐

Change of ownership

B00301_r4

☐

Temporarily inactive

B00301_r5

☐

Change of accounting method

B00301_r6

☐

Ceased operations

B00301_r7

☐

Other



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

B00301_r8

Unit of measure

1. What unit of measure will be used to report quantities for **industrial chemicals and synthetic resins**?

B40292

1

☐

Metric tonnes

2

☐

Kilograms

3

☐

Pounds

Production

2. What **quantity** of each of these **industrial chemicals** did this business produce in 2021?
Include intermediate products made by this business and used in making other products.

Industrial chemicals

- a. Nitric acid, 100%
- b. Phosphoric acid; wet process (as 100% P_2O_5)
- c. Ammonia anhydrous, 100%
- d. Ammonium nitrate, all grades
- e. Ammonium phosphate, all grades
- f. Butadiene
- g. Butylene
- h. Carbon black
- i. Chlorine
- j. Ethylene
- k. Ethylene oxide
- l. Formaldehyde 100% solids basis
 Formaldehyde can only be stored as a water solution. To convert to a 100% solids basis equivalent, multiply its water solution weight by its concentration and divide by 100. **For example**, if the water solution weight at 52% concentration is 100 metric tonnes, the weight at 100% solids basis is: $100 \times 52/100 = 52$ metric tonnes.
- m. Hydrogen peroxide, 100%
- n. Methyl alcohol (methanol)
- o. Propylene, all grades
- p. Styrene monomer
- q. Urea, all grades
- r. Benzene
- s. Toluene
- t. Xylene
- u. Zinc oxide

Quantity

E45198_p1

E45198_p2

E45198_p3

E45198_p4

E45198_p5

E45198_p6

E45198_p7

E45198_p8

E45198_p9

E45198_p10

E45198_p11

E45198_p12

E45198_p13

E45198_p14

E45198_p15

E45198_p16

E45198_p17

E45198_p18

E45198_p19

E45198_p20

E45198_p21

Production

3. What **quantity** of each of these **new virgin resins** did this business produce in 2021?
Exclude compounding or colouring ingredients.

Synthetic resins

- a. Polyethylene, low density
- b. Polyethylene, linear low density
- c. Polyethylene, high density
- d. Polystyrene
- e. Acrylonitrile-butadiene-styrene (ABS)
- f. Polyvinyl chloride
- g. Polyesters, unsaturated

Quantity

E45199_p23

E45199_p24

E45199_p25

E45199_p26

E45199_p27

E45199_p28

E45199_p29

Changes or events

4. 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.

B00302_t1

☐

Strike or lock-out



How many days during the reference year was your production interrupted?

B00357_t1

B00302_t2

☐

Exchange rate impact

B00302_t3

☐

Price changes in goods or services sold

B00302_t4

☐

Contracting out

B00302_t5

☐

Organizational change

B00302_t6

☐

Price changes in labour or raw materials

B00302_t7

☐

Natural disaster



How many days during the reference year was your production interrupted?

B00357_t7

B00302_t8

☐

Recession

B00302_t9

☐

Change in product line

B00302_t10

☐

Sold business or business units

B00302_t11

☐

Expansion

B00302_t12

☐

New or lost contract

B00302_t13

☐

Plant closures



How many days during the reference year was your production interrupted?

B00357_t13

B00302_t14

☐

Acquisition of business or business units

B00302_t18

☐

Vacation or maintenance periods



How many days during the reference year was your production interrupted?

B00357_t18

B00302_t19

☐

Equipment failure



How many days during the reference year was your production interrupted?

B00357_t19

B00302_t20

☐ Seasonal operations

→ How many days during the reference year was your production interrupted?

B00357_t20

B00302_t22

☐ Increased or decreased market demand

B00302_t15

☐ Other

→ Précisez l'autre changement ou événement

B00302_t16

B00302_t17

☐ No changes or events

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Contact person

5. 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)

104

Telephone number (including area code)

Example: 123-123-1234

Extension number

(if applicable)

NO

Fax number (including area code)

Example: 123-123-1234

Feedback

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

Include the time spent gathering the necessary information.

Hours

Minutes

7. We invite your comments about this questionnaire.

B00002

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General information

Confidentiality

Your answers are confidential.

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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 Statistics Canada to share your data and mailing it to the following address:

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

You may also contact us by email at statcan.esd-helpdesk-dse-bureaudepannage.statcan@canada.ca or by fax at 613-951-6583.

For this survey, there are **Section 12** agreements with the statistical agencies of Prince Edward Island, Northwest Territories and Nunavut as well as with Environment and Climate Change Canada.

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

Record linkages

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

Thank you for completing this questionnaire.

Please retain a copy for your records.

Visit our website, www.statcan.gc.ca