### 2020 Annual Survey of Manufacturing Industries

### CONFIDENTIAL once completed.

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



This information is collected under the authority of the *Statistics* 1ct, Pevised Statutes of Canada, 1985, Chapter S-19.

COMPLETION OF THIS QUESTIONNAIRE IS A LEGAL REQUIPEMENT UNDER THIS ACT.

### Introduction

### Survey purpose

This survey collects the financial and operating data needed to develop national and regional economic policies and programs.

Data from this survey are used by the business community manufacturing associations, federal and provincidepartments, and international organizations to:

- profile the manufacturing and log ing industries
- · undertake market studies
- forecast demand
- develop trade tariff polic

In addition, businesses are the data to track the performance against industry average evaluate expansion plans, and prepare business plans or investors.

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

Your part sipation in this surve, is equired under the authority of the Statis ics Act.

#### Security mails and faxes

Statistics Canada advis s you that there could be a risk of

disclosure ouring facsimile or email. However upon receipt, Statis ics Car ada will provide the guaranteed level of protection forder of 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

### Confidentiality

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

### **Data-sharing agreements**

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

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

### Please return the questionnaire within 21 days.

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

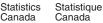
If you are unable to complete within 21 days **or** if you need help, call us at **1-800-858-7921** or **TTY 1-800-363-7629**.

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

Visit our website, www.statcan.gc.ca

2103.1S (Manuf 02): 2020-12-10







## Reporting instructions • Please print in ink. • Report dollar amounts in thousands of Canadian dollars. • Exclude sales tax. • Percentages should be rounded to whole numbers. • When precise figures are not available, provide your best estimates. • Consult the reporting guide at www.statcan.gc.ca/guides-e for further information. Business or organization and contact information 1. Verify or provide the business or organization's legal and operating name and correct where needed. Note: Legal name modifications should only be done to correct a spelling error or typo. Legal name Operating name (in applicable) 2. Verify or provide the contact information of the designated busings of person for this questionnaire and correct where needed. Note: The designated contact person is the person who should receive this que person may not always be the one who actually completes the questionnaire. First name Title Preferred language of communication English French Mailing address (number and stre City Province, territory or state Postal code d Email add Example: user@ ole.gov.ca Telephone number (including area code) Extension number (if applicable) Example: 123-123-1234

Fax number (including area code)

Example: 123-123-1234

3. <b>Verify or provide the current operational status</b> of the business or organization identified by the legal and operating name above.						
Operational → Go to question 4						
Not currently operational  e.g., temporarily or permanently closed, change of ownership						
Why is this business or organization not currently operational?  B00309  Seasonal operations → Go to question 3a  Ceased operations → Go to question 3b  Sold operations → Go to question 3c  Amalgamated with other businesses or organizations → Go to question 3d  Temporarily inactive but will re-open → Go to question 3e						
No longer operating due to other reasons   Go to question as						
3a. Seasonal operations						
When did this business or organization close for the case. ?  YYYY MM DD  B00217						
Date						
When does this business or organization expect to resume operations?						
Date   Boo218  → to question 4						
3b. Ceased operation.						
When did this business or organization cease operations?						
Dave MM DD						
Why did his business or organization cease operations?						
Boosii Bankruptcy						
<sup>2</sup> Liquidation						
<sup>3</sup> Dissolution → Go to question 4						
Other Specify the other reasons why the operations ceased  B00312						

3с.	Sold operations	
	When was this business or organization sold?	
	YYYY MM DD 800212	
	Date	
	What is the legal name of the buyer?	
		→ Go to question 4
34	Amalgamated with other businesses or organizations	
ou.		
	When did this business or organization amalgamate?  YYYY MM DD	
	Date B00213	SO.
	What is the legal name of the resulting or continuing business or o ganization?	
	$\mathcal{L}$	
	What are the legal names of the other amalgamated parties ses or organizations?	
	B00408	
		→ Go to question 4
3e.	Temporarily inactive but will re-open	
	When did this business or organization become temporarily nactive?	
	Date YYYY MM DD	
	When does this beginness or organization expect to resume operations?	
	Y YY MM DD	
	Date	
	Why is this business or organization temporarily inactive?	
		→ Go to question 4
		2 40 to <b>4</b> 00000 .
3f.	No longer operating due to other reasons	
	When did this business or organization cease operations?	
	Date YYYY MM DD	
	Why did this business or organization cease operations?	

4.	Verify or provide the current main activity of the business or organization identified by the legal and o Note: The described activity was assigned using the North American Industry Classification System (NAICS).	perating name.
	This is the current main activity → Go to question 7  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	
	<b></b>	
5.	Was this business or organization's main activity ever classified as:	
	1  Yes 2  No → Go to question 7	
6.	When did the main activity change?  YYYYY MM DD  Date	
7.	Are there any other activities that contribute significantly (a cleast 10%) to this business or organize  B05024  1 Yes, there are other activities  2 No, that is the one significant activity  Go to next section	zation's revenue?
8.	Provide about precise discription of this business or organization's secondary activity.  e.g., brookfast sereal-manufacturida, sine store software development  B050005	
9.	Approximately what percentage of this business or organization's revenue is generated by each of the following activities?  When precise gures are not available, provide your best estimates.	Percentage of revenue
	a. Main activity	% B05006
	c. All other activities.	B05000 B05000
	Total percentage	1 0 0 %

Re	porting period information
1.	For this survey, please report information for this business or organization most recent <b>12 month fiscal period</b> . <b>Note:</b> For this survey, the <b>End date</b> should fall between April 1, 2020 and March 31, 2021.
	YYYY MM DD YYYY MM DD
	Start date End date
2.	If the reporting period <b>does not cover a full year</b> , please check the reason(s) below (mark all that apply):
	B00301_r1  seasonal operations  ceased operations
	B00301_r2  B00301_r6
	new business temporarily i active
	b00301_r3  change of ownership  other reason — please specific
	B00301_r4
•	change of fiscal year
3.	Please indicate below, any changes or events that may have affected the reported values for this business or organization compared to the last reporting period (mark all that apply):
	strike or lockout sold business or business units
	B00302_t2
	exchange rate impact expansion  B00302_t3  B00302_t12
	price changes in goods or savues sold new or lost contract
	B00302_t13  contracting out plant closures
	B00302_t14
	organizational strange acquisition of business or business units  800302_16 800302_115
	prize change in labour other change or event — please specify:  of real materials  other change or event — please specify:
•	natural disactor
	B00302_t17  B001.9_t8  no change or event
	recession
	change in product line

In	Industry characteristics					
Sa	ales					
1.	Is this business a cost center? A cost center is a subdivision of an organization with which costs are identified for purposes of managerial contractions.  Yes  No	ol.				
2.	The next questions are about the value of goods produced.  Are the goods valued at:  F43001_y  Final selling price  Transfer price  Other method of valuation – specify:  F43001_y4	<				
3.	What were this business's sales for the following items?  Report the sales net of shipping charges, discounts, sales allowances, returned sales, sales taxes and excise duties and taxes.  Please report all amounts in thousands of Canadian dollars.  a. sales of goods manufactured from own materials whether at this Jusiness unit at our business units or affiliates of your firm, or at any other sub-contracted manufacturing plants located within Canada or	F4300	CAN\$ '000			
	abroad, also includé by-products from your manufacturing process.  (a detailed breakdown by product will be requested in a subsequent section)	\$ F4300	,000			
	b. sales of goods purchased for resale, as is	\$ F4590	,000, m			
	Include only repair revenue from billing labour as the mater is and products are owned by clients, or by other business units of this come say.  d. revenue from manufacturing service fees and/or custom work  Include only revenues from manufacturing work undertaken to the specification of a client, another business unit or an affiliate of your har. Your business unit has only provided a manufacturing service to a client, whether Canadian or from as road, and your business unit does not own the raw materials.	\$ F4500	,000 000,			
•	e. please provide a percentage break act in of the amount reported at question of the amount from Caradian clients					
	f. other sales — speerry:  F43175	F4300	)5			
		\$	,000			
	Total sales of goods and services (sum of questions a. to f.)	F4300	,000			

Ex	penses		
4.	What were this business's expenses for the following items?		O 4 N/0 1000
	Please report all amounts in thousands of Canadian dollars.		CAN\$ '000 F61301
	a. purchases of raw materials and components		101301
	(a detailed product breakdown will be requested in a subsequent section)		\$,000
			F61302
	b. purchases of non-returnable containers and other shipping and pack	kaging materials	\$ ,000
	or paronabos or non rotarnable containers and other empping and past	taging materials	F61303
			_
	c. purchases of goods for resale, as is		\$ ,000
	d. vehicle fuel expense	,	
	<b>Include</b> fuel used to operate any type of vehicle such as sales representative and lift trucks.	es' cars, delivery trucks,	61701
	Exclude any fuel purchased for power/heat generation		,000
5.	Did this business <b>purchase goods</b> (raw materials, semi-finished, or finis <b>sell them "as-is" in foreign markets</b> (including the U.S.) without alternate before the sale?	is the goods, and without th	e goods entering Canada
	B05192 Yes		
	No		
	Don't know		
	DOTT KNOW		
	Please provide comments if desired.		
	B05193		
Sa	laries, wages and commissions	During the repo	orting period
		Direct labour	Indirect labour
		(manufacturing	(administrative and
		or logging)	selling/operating)
		CAN\$ '000	CAN\$ '000
6.	for the reporting period, what were this business's expenses	F61503	F61504
0.	for salaries, wiges a ld commissions?	,000	\$ ,000
		Number	Number
		B20061	B20062
7.	For the repowing period, what was the average number of people employed?		
	people employed:		

Inv	entories					
8.	What was the value of this business's inventory at the beginning and the end of the reporting period?  Please report all amounts in thousands of Canadian dollars.		Opening CAN\$ '000		Closing CAN\$ '000	
	a. raw materials and components  Include non-returnable containers and other shipping and packaging materials	5	, , , , , , , , , , , , , , , , , , , ,	000 \$	F61401	,000
	b. goods and work in process		, 1203	000 \$	F61403	,000
	c. finished goods manufactured		1204	000 \$	2	,000
	d. goods purchased for resale, as is			000 \$	)	,000
	F62501	Fè	05	<b>200</b> \$	F61405	,000
	Total inventories (sum of questions a. to e.)	F61	1200	000 \$	F61400	,000
9.	On the last day of the fiscal year, did this business hold inventor is at to Canada?  Include: raw materials, work in process, and finished goods recorded in this bullocated outside of Canada. Also include goods purchased abroad for resale "as No No Don't know  Provide comparts in desired.  B05195		_			
10.	What was the a proximate value of inventories <b>held abroad</b> at the end Please report, amounts <b>in thousands of Canadian dollars</b>			φ.	F61409	,000
11.	Is the value reported above <b>included</b> in the closing inventories previou in question 8 from the <b>Inventories</b> section?				Yes No	

### Sales by consumer location What was the percentage breakdown of this business's sales by consumer location? Consumer location is the location where the goods or services will ultimately be used. If ultimate consumer location is not shipping destination known, the following are acceptable client's billing address substitutes: location of this business's retail customers location of this business's warehouses/distribution centres. Percentage 43008 g1 % Newfoundland and Labrador ..... % Prince Edward Island ..... F43008 g3 % Nova Scotia ..... F43008\_g4 % New Brunswick ..... F43008\_g5 % F43008\_g6 % F43008\_g7 % Manitoba F43008\_g8 % Saskatchewan F43008\_g9 % Alberta F43008\_g10 % F43008 g11 % F43008\_g12 % 12. Northwest Terri F43008\_g13 % F43008 g14 % 14. United States ..... F43008\_g15 % 15. All other countries ...... 100%

### Advanced Manufacturing

1.	Does your Business unit use or produce any products or processes in the following list?  Mark all that apply.
	005359_p20
	Polymer and composites
	B05359_p21
	High-volume, high performance composites Include fibre reinforced thermoplastic and thermoset systems with superior properties; reduction of cycle times for stamping of thermoplastic composites, infusion and resin transfer moulding-based manufacturing technologies; process mapping, manufacturing guidelines, process modeling, part integration/complex parts and efficient multi-material assembly.
	B05359_p22
	Bio-refineries and sustainable manufacturing Include transformation of non-food grade biomass (wood, straw, industrial vegetable oils, etc.) into raw materials for the production of bioresins, biofibres and bioadditives; formulation, efficient processing and performance evaluation of biocomposites; recycling of plastics and composites to minimize environmental impact.
	B05359_p23
	Advanced composites manufacturing efficiency Include thermoplastic composites with ease of processing and good recycl bility; composite performance evaluation, durability testing and prediction; nano-reinforced polymer composites and adhes yet, multifunctional majerials and coatings; out-of-autoclave processes, automation and part integration; formulation of sain and optimization of processing to maximize composite performance and quality.  Value-added processing and polymer products Include lightweighting (plastic glazing, structural foams, compounds, nanocomposites, cavironmentally-friendly processes and materials (low-toxicity components, solvent-less processes, recyclability, thermouse replacement); part/component integration
	(overmoulding processes, combining thermoplastic composites with high-stream the polymers, polymer 3D printing).
	Metal manufacturing
	B05359_p26
	High-performance, high integrity pieck of forming include reduce(d) weight with re we alloys; hot superplastic forming, thin and variable wall extrusion, casting of hollow-core components, etc.; die-less sheet harming, rapid/low cost die manufacturing; hybrid manufacturing (extrusions, forgings, castings); intelligent tooling to improve efficients and life of tooling.  **B05559_p27**  Assembling of complex multi-material products** Include joining solutions for specific/complex applications; advanced joining techniques for high-integrity application; multi-material joinings sing a the live bonding, friction surveilling and laser welding.  **B05559_p28**
	Innovative machining, per shing and surface-finishing technologies Include acrossing material removal rates; reduced lead time for new and existing parts; zero-scrap generation; improved quality and increal ed tool life; reduced was te produced by processes.
	Advanced surface engineering and corrosion protection notice complete the production of the production
	Flexible manufacturing cells and adaptive manufacturing liesture autonomous and semi-autonomous robots; collaborative and human-assisted robots; mobile and reconfigurable manufacturing systems.
	Metrology and sensing Include sensing technologies and sensing systems; in-line measurement; non-destructive testing; quality assurance; advanced sensing, measurement, and process control.
	Robotics and mechatronic systems Include future robotic platforms for assembly, finishing and joining; future robotic platforms for part manufacturing; adaptive robots.  B05359_p34
	Additive manufacturing Include cold spray; electron beam deposition system; laser deposition system; material characterization; formulation of high-performance polymers and composites for additive manufacturing.  Continued on next page

805359_p35
Digital manufacturing
B05359_p36
Design to manufacture and performance evaluation Include crash worthiness; manufacturing data object; computer-aided design; computer-aided manufacturing; computer-aided engineering; finite element analysis; computational fluid dynamics; product life-cycle management; bills of materials.
B05359_p37
Digital manufacturing and Internet of things Include smart factories; Industry 4.0; industrial Internet of things; artificial intelligence; sensor integration; high-performance material formulations, nanocomposites.  805359_038
Machine vision
Include processing and analysis software; geometric modeling and dimensional inspection; big data analytics; vision systems; imaging sensors.
Modelling and process simulation Include blow and injection moulding; forming; machining; additive and surface t eatment; composites part turing; assembly processes.
B05359_p40
Photonics manufacturing  B05359_p41
Canadian photonics fabrication centre
Include tier 3 and 4 capability enabling higher value-added tier 2 and original exclipment manufacturer activity; telecommunications; data centres; defence; aerospace; dean energy.  805359_p42
Component fabrication
<b>Include</b> full product life cycle management from technology readiness level 3 9; light generation, delivery and detection; lasers; sensors; multi-spectral imaging; photonic integrated a suits.
Advanced materials
Include materials for environmental serving; materials for practi-spectrum maging (machine vision); advanced material growth for communications; enabling supply and growth a commercial volumes for compound semiconductors.
B05359_p44
Design test verification Include modeling of next generation photonic partform technologies; simulation of complex photonic machines; integrated design for manufacturing; inclustri Lingagement for the climbox rent of enabling photonic technologies.
B05359_p45
Life sciences an numerturing
Big-matura sturing – innovative products
In lude the rapeutics and vaccine generation; bio-manufacturing; advanced analytics and characterization for biologics and vaccines; proprietary cell line development; preclinical development.
io-manufacturing process improvement include: Industria process development for upstream and downstream optimization; Advanced analytical; De-risked tech transfer
to industrial partners:  805359_p48
Include medical photonics, radio frequency and microwave antennas; computer simulations; novel material architectures for implantable devices; microfluidics and biosensors.
B05359_p49
Pilot plant of the future – next generation Include improved productivity and speed; reduced safety concerns and cross contamination; state-of-the-art equipment in-line with industry standards.

Continued on next page

Key enabling platform technologies
B05359_p51
Artificial intelligence Include computer vision and image understanding; adaptive robots; future robotic platforms for part manufacturing; understanding human emotions from language; speech recognition; next generation information extraction using deep learning; artificial intelligence to optimize talent management for human resources.
B05359_p52
<b>Big data analytics Include</b> predictive equipment maintenance; energy management; artificial intelligence for optimizing energy storage and distribution; understanding and tracking of hazardous chemical elements; process and design optimization.
B05359_p53
Nanomaterials Include nanoelectronics; nanosensing; smart materials; nanocomposites; self-assembled nanostructures annoimplint; nanoplasmonic; nanoclay; nanocoating.
Printed electrics for Internet of things Include inks and materials; printing technologies; large area, flexible, saretchable, printed electronics components;
applications: sensors for Internet of things, wearables, antenna, radio-hadrency identification, ago smart surfaces, packaging, security, signage.
Other
Please specify:  B05359_p56
OR
B05359_p57
Don't know
We invite your comments pertaining to the advanced in anufacturing question.
Comments
B00026
Comments B00026

### Sales of goods manufactured, logs and wood residue 1. Please provide your sales of goods manufactured, logs and wood residue by product in thousands of Canadian dollars. For each product, report sales net of shipping charges by common or contract carriers, discounts, sales allowances, returned sales, sales taxes, and excise duties and taxes. The total net sales for all products should equal the amount reported in question 3a. of the Industry characteristics section. **Product description** Product code Was this product sold during this reporting period? **Quantity sold** Unit of measure AN\$ '000 Yes — No **Product descrip** Product code Was this product sold during this reporting period' Value of sales **Quantity sold CAN\$ '000** F43006\_p Yes — \$ No description Product code Was this product so s reporting p Value of sales B40232 p Quantity sold Unit of measure **CAN\$ '000** \$ **Product description** Product code as this pr duct s Id during this reporting period? Value of sales **Quantity sold** Unit of measure CAN\$ '000 F43006\_p B40004 p **Product description** Product code Was this product sold during this reporting period? Value of sales **Quantity sold** Unit of measure **CAN\$ '000** Yes -B40004\_p F43006\_p \$ No

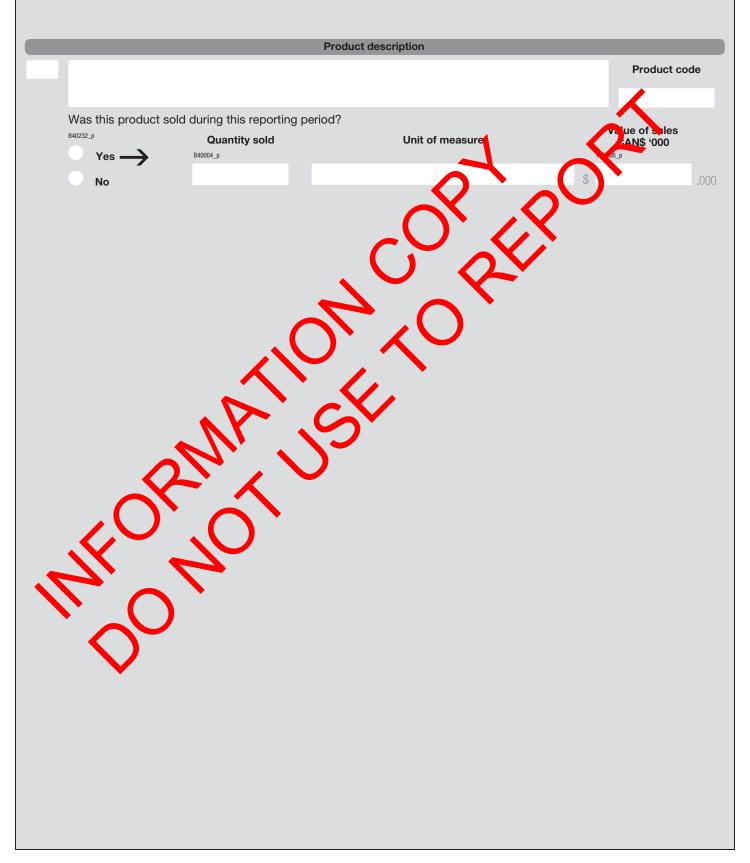
### Sales of goods manufactured, logs and wood residue 1. Please provide your sales of goods manufactured, logs and wood residue by product in thousands of Canadian dollars. For each product, report sales net of shipping charges by common or contract carriers, discounts, sales allowances, returned sales, sales taxes, and excise duties and taxes. The total net sales for all products should equal the amount reported in question 3a. of the Industry characteristics section. **Product description** Product code Was this product sold during this reporting period? **Quantity sold** Unit of measure AN\$ '000 Yes — No **Product descrip Product code** Was this product sold during this reporting period' Value of sales **Quantity sold CAN\$ '000** F43006\_p Yes — \$ No description Product code Was this product so s reporting p Value of sales B40232 p Quantity sold Unit of measure **CAN\$ '000** \$ **Product description** Product code as this pr Id during this reporting period? duct s Value of sales **Quantity sold** Unit of measure **CAN\$ '000** F43006\_p B40004 p \$

# Sales of goods manufactured, logs and wood residue 1. Please provide your sales of goods manufactured, logs and wood residue by product in thousands of Canadian dollars. For each product, report sales net of shipping charges by common or contract carriers, discounts, sales allowances, returned sales, sales taxes, and excise duties and taxes. The total net sales for all products should equal the amount reported in question 3a. of the Industry characteristics section. **Product description** Product code Was this product sold during this reporting period? **Quantity sold** Unit of measure AN\$ '000 Yes — No Product descrip **Product code** Was this product sold during this reporting period' Value of sales **Quantity sold CAN\$ '000** F43006\_p Yes — \$ No description Product code Was this product so s reporting p Value of sales Quantity sold Unit of measure **CAN\$ '000** \$

# Sales of goods manufactured, logs and wood residue 1. Please provide your sales of goods manufactured, logs and wood residue by product in thousands of Canadian dollars. For each product, report sales net of shipping charges by common or contract carriers, discounts, sales allowances, returned sales, sales taxes, and excise duties and taxes. The total net sales for all products should equal the amount reported in question 3a. of the Industry characteristics section. **Product description** Product code Was this product sold during this reporting period? **Quantity sold** Unit of measure AN\$ '000 Yes — No Product descrip **Product code** Was this product sold during this reporting period' Value of sales **Quantity sold CAN\$ '000** F43006\_p Yes — \$ No

### Sales of goods manufactured, logs and wood residue

1. Please provide your sales of goods manufactured, logs and wood residue by product **in thousands of Canadian dollars**. For each product, report sales net of shipping charges by common or contract carriers, discounts, sales allowances, returned sales, sales taxes, and excise duties and taxes. The total net sales for all products should equal the amount reported in question 3a. of the **Industry characteristics** section.



2.	All c	other products of own manufacture sold — please specify below:		Value of sales CAN\$ '000	
	a)	B40005_lst_1	\$	F43005_p_1	,000
	b)	B40005_lst_2		F43005_p_2	,000
		B40005_ist_3	\$	F43005_p_3	,000
	c)		\$		,000
	d)	B40005_lst_4	\$	F43005_p_4	,000
				F43007	
3.	Tot	tal sales of goods manufactured and logging	\$	<b>~</b>	,000
4.	disc	e amount at line 3, above, includes shipping charges by common or contract carriers, counts, sales allowances, returned sales, sales taxes, and excise duties and taxes, ase report that amount here.	Ф	62502	,000
5.	Tota Note	al sales of goods manufactured and logging (line 3 minus). e: This amount should equal question 3a. in the Industry characteristics section.	\$	F43010	,000

Pu	Purchases of raw materials and components to be used in manufacturing or logging process					
1.	The total cost of purchases for all raw materials and components should match the amount reported in question 4a. of the <b>Industry</b> characteristics section.					
	_	Description o	f raw material or component			
				Product code		
	Was this raw mate	rial or component purchased th	is reporting period?			
	B40235_p	Quantity purchased	Unit of measure	Cost of purchase CAN\$ '000		
	Yes —	B40009_p		F61304_p		
	No			\$ ,000		
	110					
		Description o	f raw material or component			
			$\mathcal{R}^{\prime}$	Product code		
	NA7 11 '					
	Was this raw mate  B40235_p	rial or component purchased th		Cost of purchase		
	Yes —	Quantity purchased	Unit of measure	CAN\$ '000 F61304_p		
	_	2.5555_				
	No		$\rightarrow$ $\bigcirc$ $$	,000		
		Description of	f n.w material or composient			
				Product code		
	Mag this row mate	rial or comporent purchase ath	is reputing period?			
	B40235_p	Quanty urchased	Unit of measure	Cost of purchase		
	Yes —	Quantity purchased	Unit of measure	CAN\$ '000 F61304_p		
	No			,000		
		escription o	f raw material or component			
				Product code		
		$\sim$				
	Was this raw	rial or component purchased th	is reporting period?			
	B40235_p	Quantity purchased	Unit of measure	Cost of purchase		
	V <sub>S</sub>	B40009_p	Offic of friedsure	CAN\$ '000 F61304_p		
				\$ .000		
	N			,000		
		Description o	f raw material or component			
				Product code		
				Troduct code		
	Was this raw mate	erial or component purchased th	is reporting period?			
	B40235_p	Quantity purchased	Unit of measure	Cost of purchase CAN\$ '000		
	Yes —	B40009_p	Since Si Modelli S	F61304_p		
	No			\$ ,000		
	INO			,000		

Purchases of raw materials and components to be used in manufacturing or logging process							
1.	The	Please provide details of your purchases of raw materials and components used in the manufacturing process. he total cost of purchases for all raw materials and components should match the amount reported in question 4a. of the <b>Industry haracteristics</b> section.					
			Descriptio	on of raw material or component			
						Product co	ode
			al or component purchased	d this reporting period?	C	ost of purchase	
		B40235_p	Quantity purchased	Unit of measure		CAN\$ '000	
		Yes —	B40009_p			304_p	
		No	Description	on of raw material or component	\$	2	,000
	7		Descriptio	on of raw material or component			
					J	Product co	ode
		Was this raw materi	al or component purchased	d this reporting period?			
		B40235_p	Quantity purchased	U it of measure	С	ost of purchase CAN\$ '000	
		Yes —	B40009_p	$\mathcal{L}$	F613	304_p	
		No		70'	\$		,000
			Description	on of it w materix cor composient			
						Product co	ode
				~~/			
		Was this raw materi	al or component purchase  Quanty curchased	this reporting period?  Unit of measure	С	ost of purchase CAN\$ '000	
		Yes —	p. 1999		F610	304_p	
		No		/	\$		,000
	_	$\sim$		an af usus makasial as a sama anash			_
	7		escripuo	on of raw material or component			
						Product co	ode
•	1	Was this row	al or component purchased	this reporting period?			
		B40235_p	Quantity purchased	Unit of measure		ost of purchase CAN\$ '000	
			B40009_p			304_p	
		N N			\$		,000
		•					

Purchases of raw materials and components to be used in manufacturing or logging process							
	The	Please provide details of your purchases of raw materials and components used in the manufacturing process. The total cost of purchases for all raw materials and components should match the amount reported in question 4a. of the <b>Industry</b> tharacteristics section.					
			Descrip	otion of raw mate	rial or component		
						Product	code
		Was this raw material	or component purchas	sed this reportin		Cost of purchas	e
		Yes —	Quantity purchased  B40009_p		Unit of measure	CAN\$ '000 F61304_p	
			В 10000_р			\$ 	000
		No	Donovir	ation of your moto	rial or component	\$ 2	,000,
	7		Descrip	olion of raw mate	rial of component		
					R	Product	code
		Was this raw material	or component purchas	sed this report	period?		
		B40235_p	Quantity purchased		U it of measure	Cost of purchas CAN\$ '000	е
		Yes —	B40009_p			F61304_p	
		No		4	0	\$	,000
			Descrip	otion of how mate	riz or composient		
				<i>) '</i>		Product	code
					•		
					•		
		Was this raw material B40235_p	Or component purchased Quantity jurchased 3-909	se this reportin	g period?  Unit of measure	Cost of purchas CAN\$ '000	е
		Yes —	p 308	7		F61304_p	
		No				\$	,000
		, ( ) ·					
	7						

# Purchases of raw materials and components to be used in manufacturing or logging process Please provide details of your purchases of raw materials and components used in the manufacturing process. The total cost of purchases for all raw materials and components should match the amount reported in question 4a. of the Industry characteristics section. Description of raw material or component **Product code** Was this raw material or component purchased this reporting period? Cost of purchase CAN\$ '000 B40235\_p Quantity purchased Unit of measure B40009\_p Yes -No Description of raw material or component Product code Was this raw material or component purchased this report Cost of purchase CAN\$ '000 B40235\_p Quantity purchased B40009\_p F61304\_p No

# Purchases of raw materials and components to be used in manufacturing or logging process 1. Please provide details of your purchases of raw materials and components used in the manufacturing process. The total cost of purchases for all raw materials and components should match the amount reported in question 4a. of the Industry characteristics section. Description of raw material or component **Product code** Was this raw material or component purchased this reporting period? Cost of purchase CAN\$ '000 B40235\_p Quantity purchased Unit of measure B40009\_p Yes = No

2.		d components purchased — please specify be	low:	Cost of purchase CAN\$ '000	
	a) B40011_lst_1		\$	F61305_p_1	000
	B40011_lst_2 <b>b)</b>			F61305_p_2	
	B40011_lst_3		\$	,C	000
	c)		\$		000
	d) B40011_lst_4		\$	F61305_p_4	000
3.	logging process.	materials and components to be used in materials.	_	F61300	000

Details on this business's locations	
<ol> <li>Complete for all business locations operating during this re</li> <li>If necessary, add all locations not listed on this questionnai</li> </ol>	
Please verify the location address and correct where needed.	
Location ID	
Operating name	
Address (number and street)	Province or territory
City	Postal code
	CAN\$ '000
	F47001_I
What was this location's total operating revenue?	000 \$
What were this location's expenses for direct labour?	F61503_I
(for manufacturing or logging only)  Exclude: benefits	000 \$
What were this location's expenses for indirect labour! (for administrative and selling or operating only)  Exclude: benefits	F61504_I
Was this business location operational for the full year.	
B00305_b_I	
Yes <b>⇒</b> Go to next location No	
What were the reasons for part-year operation (mark all that apply	)?
B00301_r1_l1 B00101\ti	B00301_r5_l1 B00301_r7_l1
seasonal operation change of fiscal year	ceased operations moved
B00301_r2_l1 B00301_r4_l1	B00301_r6_11
new locatio	temporarily inactive
B00301_r8_I	
other reason — please specin,"	
What were this to attem's operational start and end dates?  YYYY MM DD	YYYY MM DD
bit 201_J	B00202_I
Start date End da	te
Statistics Canada reviews all comments.  We invite your comments pertaining to this business location.	
B00001_1	

Details on additional locations	
<ol> <li>Complete for all business locations operating during this re</li> <li>Add all locations not listed in the previous section.</li> </ol>	porting period.
Please verify the location address and correct where needed.	
Location ID	
Operating name	
Address (number and street)	Province or territory
City	Postal code
	CAN\$ '000
	F4704_I
What were this location's total operating revenue?	000 \$
What were this location's expenses for <b>direct labour</b> ? (for manufacturing or logging only)	
Exclude: benefits.	
What were this location's expenses for <b>indirect labour</b> . (for administrative and selling or operating only)	F61513_I
Exclude: benefits.	000 \$
Was this business location operational for the full year.	
B00306_b_I	
Yes <b>⇒</b> Go to next location No	
What were the reasons for part-year operation (mark all that ap ly	) <sup>7</sup> ?
seasonal operation change of fiscal year	B00307_r5_11  ceased operations  moved
B00307_r2_I1 B00307_r4_I3	B00307_r6_l1
new locatio	temporarily inactive
B00307_r8_I	
otherre. son — please specify:	
B00307	
What were this location? operational start and end dates?	
YYYY MM DD	YYYY MM DD B00209
Start date End da	ate
Statistics Canada reviews all comments. We invite your comments pertaining to this business location.	
B00015_I	

De	tailed information on energy a	and water costs or expenses				
Wh	What were this business's energy and water expenses for each of the following items?					
Ple	Please report all amounts in thousands of Canadian dollars.  CAN\$ '000  F61702					
1.	Electricity		\$		,000	
2.	Gasoline			F61704	,000	
3.	Light fuel oil			5700	,000	
4.	Heavy fuel oil			1706	,000	
5.	Diesel fuel	······		F61707	,000	
6.	Liquefied petroleum gas (e.g., propane and butane)		\$		,000	
7.	Natural gas			F61709	,000	
8.	Coal	$^{\prime}O,^{\prime}C$		F61803	,000	
9. 10.	Water utilities  Other energy and water expense (e.g., steam, oxygen and hydrogon)			F61711	,000	
		7	\$		,000	
11.	Total energy and water expenses (sum of questions 1 to 10)	<b>.</b>			,000	
12.	If you have ent, are any of the following ex (main all hat apply)	openses included in the rent (and not alre	eady reported abov	e)?		
•	electricity	r62102_e2 water	F62102_e3 heat			
13.	Did this basin, ss garrerate any energy use	ed as a replacement for purchased energ	gy?			
	Yes	No <b>⇒ Go to next section</b>				
14.	If yes, please indicate the type of energy of heat    heat     other type of energy - please specific     B05001_e5	electricity	805001_e3 steam			

### COVID-19 In response to the COVID-19 pandemic, did this business experience additional expenses to comply with public health and safety guidelines or corporate guidelines to be allowed to operate? Additional expenses could include: purchases of cleaning supplies, sanitation measures, protective equipment for employees or customers and costs to retrofit business operations (e.g., Plexiglass barriers, new equipment that facilitates physical distancing, additional labour costs). Public health and safety guidelines refer to guidelines from a federal, provincial or municipal health agency. B05140\_t41 Yes What were the total additional expenses in fiscal year 2020? Report dollar amounts in thousands of Canadian dollars. For expenses less than \$500, enter "0". When precise figures are not available, provide your best estimates. **Additional labour** Other additional costs, if applicable expenses (CAN\$ '000) (CAN\$ '000) ,000 F60102\_t41\_sr69 F60102\_t41\_sr19 As a result of the additional expenses or business cond less delay plans to expand operating capacity or undertake investments? B05140 t41 y64 Yes No No In response to the Ca ndemic, in which of the following ways did this business change operating methods? Include both tempor d ongoing char Mark all that appl nd upon a contact less business model commerce sales thro gh, delivery, curbside pickup, offer virtual services ofit the workspa commerce platforms Invest in ousings intelligence technologies based computing systems and big data analytic tools e.g., cl Develop new supply chains Ask some or all employees to work from home Introduce or accelerate the introduction of new goods and services B00381 t41 v47

B00381\_t41\_y48

Increase prices charged to customers of certain goods and services as a result of the COVID-19 pandemic

...continues on next page

continued from previous page
Decrease prices charged to customers of certain goods and services as a result of the COVID-19 pandemic
Change marketing strategy Include re-allocating marketing budget.  B00381_141_y50
Increase marketing budget  B00381_t41_y51
Decrease marketing budget  B00381_t41_y52
Expand to new markets  B00381_t41_y53
Substitute capital for labour e.g., automation, robots for use in producing goods and services
Provided extra staff training e.g., job specific training, managerial training, training in new technology, training in new business practices, digital skills training, data literacy skills, other training and development  B00381_t41_y55
Downsize business activities e.g., reduce goods and services offered  B00381_141_y56
Reduce labour costs  e.g., lay off employees, furlough employees, request entaloyees take valuation, reduce hours of employees, offer early retirement package, outson se work.  B00381_t41_y58
Reduce costs other than labour costs  B00381_t41_y59
Take other actions  B00381_t41_y60
Specify the additional autions taken
B00381_141_v61
OR OR
No thanges to operating methods in response to the COVID-19 pandemic
3. Due to Constitute this business receive public financial relief to avoid layoffs through the Canada Emergency Wage
Subside or Ten porary 10% Wage Subsidy programs?
Yes
How much did your business obtain through these means?  Financial relief received
(CAN\$ '000) \$ ,000
F47123_141
No

### Notification of intent to extract web data

1. Does this business have a website?

B00024

Yes

4

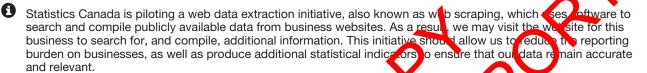
Specify the business website address

e.g., www.example.ca

F62512

2

No



We will do our utmost to ensure the data are collected in a manner that will not affect the functionality of the website. Any data collected will be used by Statistics Canada for statistical and research surposes only, in accordance with the agency's mandate.

For more information regarding Statistics Canada's web straping initiative place visit http://www.statcan.gc.ca/eng/our-data/where/web-craping.

To learn more about Statistics Canada's transparency and accountability please visit http://www.statcan.gc.ca/eng/transparency-accountability.

If you have any questions or concerns, please contact **Statistic Canada Client Services**, toll-free at 1-877-949-9492 (TTY: 1-800-363-629) or by email at infostats@canada.ca.



Co	ontact person
1.	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 <b>best person to contact</b> about this questionnaire?
	First name
	Last name
	Title
	Email address (Example: user@example.gov.ca)
	Telephone number (including area code)  Extension number  Example: 123-123-1234  Extension number  Extension number  Example: 123-123-1234  Example: 123-1234
Fe	edback
2.	Hours Minutes How long did it take to complete this questionnaire.  Include the time spent gathering the necessary information
3.	We invite your comment about this questionnaire
•	
	V

### **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 mandative basis, and the legislation must provide substantially the same provisions for confidentiality and penalties for disclosure of confidential information at the *Statistics Act*. Because these agencies have the legal authority to compel businesses to provide the same information, consent is not request of and husinesses may not object to the sharing of the data.

For this survey, there are **Section 11** agreements with the provincial and tentorial statistical attended of Newfoundland and Labrador, Nova Scotic, New Brunswick, Quesco Ontario, Manitoba, Saskatchewan, Alberia, 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 .2** of the *Statistics Act* provides for the sharing of information with federal, provincial or territorial government organizations. Inder **Section 12**, you not refuse to share your information with any of these organizations by acting a letter of objection to the Chief Statistici in and returning it with the completed questionnaire. Please specify the organizations with which you do not want to share your data.

For all manufacturing industries — there are **Section 12** agreements with the statistical agencies of Prince Edward Island, Northwest Territories and Nunavut, as well as with the New Brunswick Department of Environment and Local Government, the Quebec Forest Industry Council, the ministère de l'Énergie et des Ressources naturelles du Québec, the ministère des Forêts, de la Faune et des Parcs du Québec, the Ontario Ministry of Northern Development and Mines, the Ontario Ministry of Natural Resources and Forestry, Manitoba Department of Sustainable Development, Manitoba Agriculture, the Saskatchewan Ministry of Department of Agriculture and Forestry, the British Columbia Ministry of Forestry, La Ids and Natural Resource Operations, Agriculture and Agri-Food Canada, Environment and Climate (mange Canada, Natural Resources Canada and the Canada Energy Regulator.

For esta dishments in hon-rerrous metal (and aliminum) smelting and crining, clay building material and refractory manufacturing, cement manufacturing and time manufacturing — there are **Section 12** agreements with the Newfoundland and Labrador Department of Natural Resources, the Manitoba Department of Growth, Enterprise and Trade and the Entist Columbia Ministry of Energy, Mines and Petr leum Resources.

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.

### **Authorized disclosure**

**Section 17** of the federal *Statistics Act* allows for the disclosure of a list of individual establishments, firms or businesses showing information including the establishments' names and locations (province, territory and municipality) and North American Industrial Classification System (NAICS) codes. The disclosure of these lists may be authorized in order to aid analysts in the interpretation of the data from the Annual Survey of Manufacturing and Logging industries.

### 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.qc.ca