

# Research and Development in Canadian Industry, 2009

**Confidential when completed.**

*Si vous préférez ce questionnaire en français,  
veuillez nous appeler au 1-877-992-3999.*

Please correct contact information as required.

Company name

Contact person

Title of contact person

Address (number and street)

City

Province / Territory

Postal code

GST No. (EIN No.)

## INFORMATION FOR RESPONDENTS

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.**

### Survey Objective

This survey collects data which are essential to assure the availability of pertinent statistical information to monitor science and technology related activities in Canada and to support the development of science and technology policy. Your data will be used to plan and evaluate research and development (R&D) incentive programs and to complete national totals for scientific R&D expenditures and personnel. The results of this survey will be published in "Industrial Research and Development" (Cat. No. 88-202-X) and "Science Statistics" (Cat. No. 98-001-X).

### 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 must keep the data confidential and use them only for statistical purposes.

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

### Reporting period and coverage

This questionnaire should be completed for the **fiscal year ending in 2009**. This report should exclude foreign operations. Please report all currency amounts in thousands of **Canadian dollars**.

### Data linkage

To enhance the data from this survey, Statistics Canada may combine it with information from other surveys or from administrative sources.

### Fax or other electronic transmission disclosure

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

### Please complete a separate questionnaire for each company performing research and development (R&D) activities in Canada.

- If your records do not permit separate reporting please refer to question 1.a) for more instructions.
- If your company performs R&D activities, **all questions should be completed.**
- If your company does not perform but funds R&D activities, **complete questions 2 to 8, 15 to 18 and certification.**

For further information, please see the **Guide** at the end of this questionnaire.

**Please return the completed questionnaire within 30 days of receipt.**

## WHAT'S NEW?

To provide response relief, only the five most important locations of research and development (R&D) expenditures are asked. Also neither the nature of R&D activities, nor their technological purposes are asked.

Questions 6 to 8 will assist firms without R&D expenditures to navigate the questionnaire. Question 14 on R&D expenditures by field of science will improve R&D data. Question 10 was modified to better illuminate the educational qualifications of R&D personnel. To improve regional coverage, R&D expenditures within the territories were added to question 11. Also, to highlight trade in technology, greater detail was added to question 16.

We hope that you find this revised questionnaire flows well. Please use the new general comments section to provide us with your feedback. A second comments section is now dedicated to explanation of changes in levels of R&D expenditures.

## GENERAL CORPORATE DATA (QUESTIONS 1 TO 5)

- 1.a) If your records do not permit separate reporting and you have filed a consolidated Scientific Research and Experimental Development (SR&ED) Tax Incentive Program claim with the Canada Revenue Agency (CRA) then list the name and GST No. or BN No. of the other companies performing R&D in Canada for which data will be included in this questionnaire. If separate SR&ED forms were submitted to CRA and you wish to report consolidated R&D activities, please contact us.

Names of companies <i>(Please print full legal name(s). Do not list the company to which this questionnaire was addressed)</i>	GST No. (BN No.)	Performs R&D Yes or No	Indicate type of affiliation with reporting company (i.e., parent, subsidiary or other)
120	121	122	123
977	978	979	980
981	982	983	984
985	986	987	988

If more space is required, please use the comments section at the end of the questionnaire.

- 1.b) Latest year for which a claim for Scientific Research and Experimental Development (T661 R&D) was filed with Canada Revenue Agency (CRA) ▶ 139     149

**2. FISCAL YEAR ENDING IN 2009**

From: <sup>201</sup>     <sup>202</sup>   <sup>203</sup>   To: <sup>204</sup>     <sup>205</sup>   <sup>206</sup>

3. **TOTAL REVENUES IN CANADA** of reporting company and Canadian companies listed in question 1.a) Indicate their approximate sales and other revenues originating from Canadian operations for 2009.

Represents the amount of revenues in Canada resulting from the sale of products and services (after deducting sales and excise taxes), and other revenues such as those generated from investment and rental. All goods sold include consignments shipped outside Canada. Revenues should be reported in thousands of Canadian dollars.

(CAN\$ thousands)	
▶ 301	\$ <input style="width: 80%;" type="text" value=" ,000"/>

4. **TOTAL WAGES AND SALARIES OF EMPLOYEES IN CANADA** of reporting company and Canadian companies listed in question 1.a) Indicate the approximate wages and salaries of all employees on the payroll in Canada for 2009.

(CAN\$ thousands)	
▶ 303	\$ <input style="width: 80%;" type="text" value=" ,000"/>

5. **TOTAL EMPLOYEES IN CANADA** of reporting company and Canadian companies listed in question 1.a) Indicate the average number of employees on payroll in Canada for 2009.

Number	
▶ 304	<input style="width: 80%;" type="text"/>

## R&D DEFINITION

Research and development (R&D) is systematic investigation carried out in the natural and engineering sciences by means of experiment or analysis to achieve a scientific or technological advance.

Research is original investigation undertaken on a systematic basis to gain new knowledge.

Development is the application of research findings or other scientific knowledge for the creation of new or significantly improved products or processes. If successful, development will usually result in devices or processes which represent an improvement in the "state of the art" and are likely to be patentable.

6. Performed R&D in **2009** 310 1  Yes 0  No

7. Plan to perform R&D in **2010** 311 1  Yes 0  No

8. Forecast to perform R&D in **2011** 312 1  Yes 0  No

If you have answered **YES** to any of these questions please go to **question 9**.  
If you have answered **NO** to all of these questions please go to **question 15**.

## DATA ON R&D PERFORMED – SPENDING, PERSONNEL

9. **EXPENDITURES IN CANADA FOR R&D PERFORMED WITHIN THIS REPORTING COMPANY and Canadian companies listed in question 1.a), in thousands of Canadian dollars (Total R&D expenditures made in 2009 should equal total R&D expenditure of question 13).**

	Made in 2008	Made in 2009	Planned for 2010	Forecast for 2011
	(CAN\$ thousands)			
<b>Current expenditures</b>				
Wages and salaries*	504 \$ ,000	501 \$ ,000	502 \$ ,000	503 \$ ,000
Other current costs**	514 \$ ,000	511 \$ ,000	512 \$ ,000	513 \$ ,000
<b>Total current</b>	524 \$ ,000	521 \$ ,000	522 \$ ,000	523 \$ ,000
<b>Capital expenditures</b>				
Land	534 \$ ,000	531 \$ ,000	532 \$ ,000	533 \$ ,000
Buildings	544 \$ ,000	541 \$ ,000	542 \$ ,000	543 \$ ,000
Equipment & other	554 \$ ,000	551 \$ ,000	552 \$ ,000	553 \$ ,000
<b>Total capital</b>	564 \$ ,000	561 \$ ,000	562 \$ ,000	563 \$ ,000
<b>Total</b>	574 \$ ,000	571 \$ ,000	572 \$ ,000	573 \$ ,000

\* Include fringe benefits of persons engaged in R&D.

\*\* Include contracts for services required to carry out R&D (e.g., contracts awarded for drilling needed for heavy oil R&D). Exclude contracts for R&D work itself which should be reported in question 15. Exclude capital depreciation.



11. **PROVINCIAL OR TERRITORIAL INFORMATION FOR R&D PERFORMED WITHIN THIS REPORTING COMPANY and Canadian companies listed in question 1.a) IN 2009** (Expenditures should be reported in thousands of Canadian dollars).

\* For work done on federal lands, please include in the closest province or territory.

\*\* **Full-time Equivalent (FTE)** – See definition in question 10.

Province or territory where R&D was performed*	R&D expenditures		R&D personnel	
	Current	Capital	Professionals	Technical and administrative support staff
	(CAN\$ thousands)		(full-time equivalent)**	
a) Newfoundland and Labrador	701 \$ ,000	711 \$ ,000	721	731
b) Prince Edward Island	702 \$ ,000	712 \$ ,000	722	732
c) Nova Scotia	703 \$ ,000	713 \$ ,000	723	733
d) New Brunswick	704 \$ ,000	714 \$ ,000	724	734
e) Quebec	705 \$ ,000	715 \$ ,000	725	735
f) Ontario	708 \$ ,000	718 \$ ,000	728	738
g) Manitoba	709 \$ ,000	719 \$ ,000	729	739
h) Saskatchewan	741 \$ ,000	751 \$ ,000	761	771
i) Alberta	742 \$ ,000	752 \$ ,000	762	772
j) British Columbia	743 \$ ,000	753 \$ ,000	763	773
k) Yukon	780 \$ ,000	781 \$ ,000	782	783
l) Northwest Territories	784 \$ ,000	785 \$ ,000	786	787
m) Nunavut	788 \$ ,000	789 \$ ,000	790	791
<b>Total (equal to 2009 R&amp;D expenditures reported in question 9 (cells 521 and 561) and 2009 R&amp;D personnel reported in question 10.a) (cells 320 and 323)</b>	745 \$ ,000	755 \$ ,000	765	775

## LOCATION OF R&D ACTIVITIES

12. **PLEASE COMPLETE THE FOLLOWING QUESTION FOR EACH POSTAL CODE LOCATION WHERE R&D IS PERFORMED**, provide the postal code, value (in thousands of Canadian dollars) of total R&D expenditures (equal to question 9, cell 571) and the number of full-time equivalent R&D personnel (equal to question 10, cell 326).

If you have more than 5 (five) postal code locations, please complete the grid for the postal code locations with the four highest levels of R&D performance and report the residual R&D expenditures and personnel in the fifth row.

\*\* **Full-time Equivalent (FTE)** – See definitions in question 10.

	Postal code	Total R&D expenditures (CAN\$ thousands)	Total full-time equivalent*
1.	340	341 \$ ,000	342
2.	989	990 \$ ,000	991
3.	992	993 \$ ,000	994
4.	995	996 \$ ,000	997
5.	1077	1078 \$ ,000	1079

In the case of R&D projects that are performed in more than one location, report R&D expenditures and personnel at the main postal code location, that is at the location where the majority of expenditures are made. For work done on federal lands, please include in the closest province or territory.

13. **SOURCES OF FUNDS FOR R&D PERFORMED WITHIN THIS REPORTING COMPANY IN 2009**

	Canadian		Non-Canadian	
	(CAN\$ thousands)			
a) Reporting company funding (includes funds from the companies listed in question 1.a))	801 \$ ,000		811 \$ ,000	
b) Parent, affiliated and subsidiary companies (only those not included in question 13.a))				
Names of companies (please print full legal name)	GST No. (BN No.)	(CAN\$ thousands)		
802	807	803 \$ ,000	804 \$ ,000	
1080	1081	1082 \$ ,000	1083 \$ ,000	
1084	1085	1086 \$ ,000	1087 \$ ,000	
<b>Sub-total b)</b>		810 \$ ,000	819 \$ ,000	

*If more space is required, please use the comments section (page 13).*

**Question 13 continues on the next page >**

(Question 13 – Continued)

Questions 13.c), 13.d) and 13.e) – Do not include any funds or tax credits from tax incentives; these should be considered part of your internal funding reported in question 13.a).

		Canadian	
		(CAN\$ thousands)	
c) Canadian federal government <b>R&amp;D grants</b> and the R&D portion <b>only</b> of any other grants			
Industry Canada: Technology Partnership Program / Strategic Aerospace & Defence Initiative		821	\$ ,000
National Research Council: Industrial Research Assistance Program		822	\$ ,000
Atlantic Canada Opportunities Agency		823	\$ ,000
Canada Economic Development (Quebec Regions)		824	\$ ,000
Western Economic Diversification Office		825	\$ ,000
Other grant programs	(please specify): 883	884	\$ ,000
	(please specify): 885	886	\$ ,000
<b>Sub-total c)</b>		820	\$ ,000
d) Canadian federal government <b>R&amp;D contracts</b> and the R&D portion <b>only</b> of any other federal government contracts			
<b>Contracting departments:</b> (Payments are often made through Public Works and Government Services Canada for other departments; please specify contracting department)			
Canadian Space Agency		831	\$ ,000
National Defence		832	\$ ,000
Environment Canada		839	\$ ,000
Other contracts	(please specify): 887	833	\$ ,000
<b>Sub-total d)</b>		830	\$ ,000
e) Provincial government: (grants and contracts)			
(please specify province):	888	889	\$ ,000
(please specify province):	891	892	\$ ,000
<b>Sub-total e)</b>		840	\$ ,000

Question 13 continues on the next page >

(Question 13 – Continued)

		Canadian	Non-Canadian
<b>f) R&amp;D contract work for other companies</b>			
Names of companies (please print full legal name)	GST No. (BN No.)	(CAN\$ thousands)	
863	873	864 \$ ,000	865 \$ ,000
969	970	971 \$ ,000	972 \$ ,000
973	974	975 \$ ,000	976 \$ ,000
If more space is required, please use the comments section (page 13).		<b>Sub-total f)</b> 850 \$ ,000	860 \$ ,000

<b>g) Private non-profit organizations R&amp;D contracts</b>			
Names of companies (please print full legal name)	GST No. (BN No.)	(CAN\$ thousands)	
874	875	876 \$ ,000	877 \$ ,000
		\$ ,000	\$ ,000
		\$ ,000	\$ ,000
If more space is required, please use the comments section (page 13).		<b>Sub-total g)</b> 878 \$ ,000	879 \$ ,000
<b>h) Other organizations (i.e., universities, foreign government, etc.)</b>		<b>Sub-total h)</b> 872 \$ ,000	882 \$ ,000

		Canadian	Non-Canadian
		(CAN\$ thousands)	
<b>Sub-totals (a to h)</b>		890 \$ ,000	895 \$ ,000
<b>Total (equal to total 2009 R&amp;D expenditures of question 9 (cell 571))</b>		800 \$	,000

















