

1. Source of funds for total scientific and technological activities by type, 2007

Source	Grant	Contract	Other ¹	Total
			(\$'000)	
This institution				
Federal government				
Provincial/Territorial government ²				
Canadian industry				
Other Canadian				
Foreign				
Total funds received in 2007				
Add: Excess of expenditures over receipts during 2007				
Subtract: Money received but not spent during 2007				
Total funds during 2007				

1. Includes items such as royalties, rents and income from investments.
2. Including provincial government boards and municipal governments. Please consider provincial corporations providing commercial services (e.g. power, railroad, subway, bus) as Canadian industry.
3. Must equal to total scientific and technological expenditures in question 2.

2. Total scientific and technological expenditures by type

	2007 (actual)	2008 (forecast)
(a) Capital:		(\$'000)
Building, land.....		
Equipment.....		
Sub-total		
(b) Current expenditures:		
Wages and salaries (include employee benefits)		
Extramural expenditures ¹		
Other expenditures		
Sub-total (equal total current expenditures by activity and total current expenditures by application, page 3).....		
Total (equals total funds in question 1)		

1. Grants and contracts to other organizations.

3. Total scientific and technological expenditures by activity

	Answer in either thousands of dollars or percentages			
	2007 (actual)		2008 (forecast)	
	(\$'000)	(%)	(\$'000)	(%)
Research and development (R&D)				
Scientific research ¹				
Development or Improvement: a) products				
b) processes.....				
Related scientific activities (RSA)				
Technical services ²				
Administration and management.....				
Other (<i>specify</i>)				
Total (equals total expenditures in question 2)				

1. Scientific research does **not** include market research (Technical services) nor operations research (Development or improvement).
2. Technical services includes resource surveys and analysis and testing.

4. Total scientific and technological expenditures by application

	Answer in either thousands of dollars or percentages			
	2007 (actual)		2008 (forecast)	
	(\$'000)	(%)	(\$'000)	(%)
Natural resources ¹				
Primary industries ²				
Secondary industries ³				
Construction industry				
Services industries ⁴				
Utilities ⁵				
Environment ⁶				
Developing countries				
Other (<i>specify</i>) Social Sciences				
Total (equals total expenditures in question 2)				

1. Exploration, conservation, mensuration of resources.
2. Production, harvesting, concentration. Management of firms in these industries.
3. Products, processes of manufacturing industries (which includes food and beverages, tobacco, rubber, textiles, clothing, wood products, furniture, paper, primary metals, metal fabricating, machinery, transportation equipment, electrical products, non-metallic mineral products, petroleum and coal products, scientific and professional instruments). Management of firms in these industries.
4. Finance, trade, tourism.
5. Transport, communication, power.
6. Pollution abatement, waste recovery and disposal, toxicology.

5. Personnel in full-time equivalent on scientific and technological activities, 2007 year end

Type of personnel	R&D	Total
Professionals:		
Scientists and engineers (include R&D Administrators and Management Personnel)		
Supporting Staff:		
Technologists and Technicians		
Other (directly engaged in the R&D program – e.g. machinists and electricians engaged in construction of prototypes and clerks, typists, accountants and store men engaged in the administration or clerical support of R&D)		
Total		

* Full-time equivalent: Full-time R&D staff plus portion of time spent on R&D by staff engaged only part-time in this activity.
 Example calculation: If out of five scientists engaged in R&D work, one works solely on R&D projects and the remaining four devote only one quarter of their working time to R&D, then: $FTE = 1 + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} = 2$ scientists.

6. Location of facilities

If applicable, please indicate location of different facilities for the organization (e.g. different city)

Facility	Location	% of Expenditures	% of PYs

Comments: Reasons for Major Changes in Reported Expenditures and Personnel – In order to eliminate the necessity to verify discrepancies between this report and your last return (2006), please explain any significant changes which might be misconstrued as an error in reporting.

Comments or suggestions on ways to improve PRO survey and/or additional items you would like to see in the service bulletin.