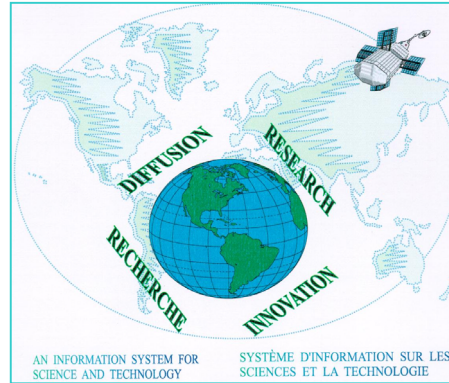




Cat. No. 88F0006XIE01014

Estimates of Canadian Research and Development Expenditures (GERD), Canada, 1990 to 2001^e, and by Province 1990 to 1999



**Estimates of Canadian Research and Development Expenditures (GERD),
Canada, 1990 to 2001^e, and by Province 1990 to 1999**

88F0006XIE No. 14

Prepared by:

Janet Thompson
Science and Innovation Surveys Section
Science, Innovation and Electronic Information Division

November, 2001

ST-01-14E

TABLE OF CONTENTS

	Page
Technical notes	4
Total Sciences	
National GERD, 1990 to 2001 ^e	9
Provincial GERD, 1990 to 1999	
Newfoundland.....	12
Prince Edward Island.....	14
Nova Scotia	16
New Brunswick	18
Québec	20
Ontario	22
Manitoba	24
Saskatchewan	26
Alberta	28
British Columbia	30
Yukon, Northwest Territories and Nunavut	32
National Capital Region.....	34
 Natural Sciences	
National GERD, 1990 to 2001 ^e	37
Provincial GERD, 1990 to 1999	
Newfoundland.....	40
Prince Edward Island.....	42
Nova Scotia	44
New Brunswick	46
Québec	48
Ontario	50
Manitoba	52
Saskatchewan	54
Alberta	56
British Columbia	58
Yukon, Northwest Territories and Nunavut	60
National Capital Region.....	62

TABLE OF CONTENTS - concluded

Social Sciences

National GERD, 1990 to 2001 ^e	65
Provincial GERD, 1990 to 1999	
Newfoundland.....	68
Prince Edward Island.....	70
Nova Scotia	72
New Brunswick	74
Québec	76
Ontario	78
Manitoba.....	80
Saskatchewan	82
Alberta	84
British Columbia	86
Yukon, Northwest Territories and Nunavut	88
National Capital Region.....	90
Statistical Publications	92

Symbols

The following symbols are used in this publication.

-	nil or zero
P	preliminary figures
r	revised figures
e	estimated figures
N/A	Figures not available
NSE	Natural sciences and engineering
NSE + SSH	Natural sciences and engineering plus social sciences and humanities
SSH	Social sciences and humanities
OECD	Organization for Economic Co-operation and Development

TECHNICAL NOTES

GERD

Presentation of the GERD

This publication presents the National GERD from 1990 to 2001 as well as the Provincial GERD from 1990 to 1999. Up until 1985, GERD included R&D expenditures in the Natural Sciences and Engineering (NSE) only. Beginning in 1985, Social Sciences and Humanities (SSH) activities are also included in GERD. An additional series of tables showing R&D expenditures at the national level in either science from 1963 to 1989, or at the provincial level from 1979 to 1989, may be obtained from the Science and Innovation Surveys Section, Science, Innovation and Electronic Information Division.

GERD values have improved in recent years through changes made in the estimation of higher education R&D values (HERD). Details on revisions made to the estimation procedure will be published in the HERD Working Paper in November 2001. More improvements to HERD are expected in future years as investigations into the estimation procedure continues.

Please note that the values in the Business Enterprise sector for the years 1992 and 1994 are estimates as a complete survey was not conducted for those years.

Definition

Gross domestic expenditures on research and development (GERD) is a statistical series, constructed by adding together the intramural expenditures on R&D as reported by the performing sectors. As a term used by OECD Member countries, it is defined as "total intramural expenditures on R&D performed on the national territory during a given period. It includes R&D performed within a country and funded from abroad but excludes payments made abroad for R&D".¹

It is often displayed as a matrix of performing and funding sectors. The GERD and GERD matrix are fundamental to the national and international examination of R&D expenditures.

The matrix illustrates three aspects of a country's R&D effort:

- it shows how much R&D each sector performed over a 12-month period;
- it shows the amount of R&D each sector financed over a 12-month period; and,
- it indicates the flow of funds between sectors.

The GERD is an indicator of S&T activities; it is appropriately used as a summary of R&D activities and the basic flow of funds. General guidelines to follow when using a summary statistical series such as the GERD, include:

- Such series provide only a summary of very complex patterns of activities. The series should, therefore, be used in conjunction with other relevant information.
- Users generally refer to R&D data with a question in mind: "Is our national university research effort declining?" "Does my firm spend a higher proportion of its funds on R&D than the average for my industry?" etc. It is, therefore, necessary to identify the basic data relevant to each question in order to know which R&D indicator is best suited to answering the question. The user should keep in mind that the data used for the R&D indicator may be accurate enough to answer one question but not another.

¹ **The measurement of Scientific and Technical Activities - Proposed Standard Practice for Surveys of Research and Experimental Development**, OECD, Paris, 1993, p. 101.

Provincial estimates of GERD

In a country as large as Canada it is useful to have a general idea of where R&D activities are located both to indicate the level of scientific and technical endeavour in a particular area and to use the statistics in association with other provincial data. For these reasons, an estimate of the provincial distribution of the Canadian GERD has been prepared.

The definition of GERD in a provincial context is similar to that provided above.

The expenditures are assigned to the province in which the performing establishment is located. Personnel may live in an adjoining province (e.g., the National Capital Region) and materials and equipment will often come from another province or country; these factors must be taken into consideration when using GERD as a provincial indicator of S&T activity.

The funding shown is of R&D carried out in a province; it is not R&D funding from a province. For example, when the federal government is shown as the funder for R&D in a province, the funds are received from the central government and are to be spent on R&D in an establishment in that province. The federal government, of course, raises funds from many sources, outside of that province. Similarly, when R&D is shown as being funded by the business enterprise sector, the funds are not necessarily raised from activities within the province.

Limitations of GERD

The GERD, like any other social or economic statistic, can only be approximately true. Different components are of different accuracy: sector estimates probably vary from $\pm 5\%$ to $\pm 15\%$ in accuracy. However, the GERD estimates are sufficiently reliable for their main use as an aggregate indicator for science policy.

One of the most important problems relating to GERD concerns its definition. There remains some ambiguity in defining precisely what constitutes R&D or, for example, in a continuing project, determining the precise point at which the project passes the boundary of R&D and becomes exploitation of a process or product on which it may be said that the R&D stage has been completed. This ambiguity is perhaps less serious in internal time series, where it may be expected that the year-to-year application of the definitions by the same reporting units are at least consistent.

A second difficulty arises with regards to survey design. The people best qualified to apply the R&D definitions and classifications - scientific and technical personnel engaged in the direct management of S&T activity - rarely participate in the statistical agency's data collection process. Because the data collected are concerned not with scientific and technical content, but financial and labour inputs to achieving this content, the questionnaires tend to be addressed to and completed by financial and management staff. This is a fundamental problem of all surveys addressed to large organizations, whether they are public or private.

These two problems account for the limited amount of geographic and scientific detail in the published GERD. The amount of detail presented, for example, in the Canadian GERD as published by Statistics Canada is limited by the nature of the surveys, and the other data collection and analysis instruments. Nor is it possible to increase the amount of detail because this would require switching to new kinds of data collection instruments in a vastly expanded survey operation.

Another reason for the limited detail about sectors stems from the fact that R&D is often a secretive endeavour. Private sector companies usually want to surprise competitors with a new product. Thus the money spent on the R&D may be reported, but details about R&D projects would not. Similarly, a government department such as National Defence might report R&D expenditures but not the nature and detail of the respective R&D projects. At best, the GERD provides broad categories of the nature of the R&D work underway; for example, "Transportation equipment", "Business machines", "Aircraft", etc.

To summarize, the GERD serves as a general indicator of S&T activity and not as a detailed inventory of R&D projects within an organization, sector, or province. It is an estimate and as such can show trends in R&D expenditures by sector and sub-sector, by province and country, from year-to-year. In this capacity, the GERD estimates are sufficiently reliable for their main use as an aggregate indicator for science policy.

R&D PERFORMERS AND FUNDERS CATEGORIZED

Sectoring

Considering that the GERD is the aggregate of the total R&D expenditures of the performing sectors, it is useful now to look at these sectors individually. Sectors are reviewed in terms of an international (OECD) framework for measuring R&D expenditures. There are five major sectors of R&D performance and funding:

- Government;
- Business Enterprise;
- Higher Education;
- Private Non-Profit Organizations;
- Foreign.

The sectors for the GERD, as chosen and defined by the OECD, are based largely on existing United Nations classifications and in particular, the System for National Accounts (SNA). Under the general heading of "Institutional classifications", the OECD approach focuses on the characteristic properties of the performing and funding institutions. Each statistical unit is classified according to its principal economic activity and, consequently, the whole of the R&D resources of the unit classified are allocated to one sector or sub-sector.

Government

The OECD definition of this sector is: "All departments, offices and other bodies which furnish but normally do not sell to the community those common services which cannot otherwise be conveniently and economically provided and administer the state and the economic and social policy of the community."¹

Public enterprises such as Petro-Canada and Ontario Hydro are excluded from this sector and included in the Business enterprise sector. Many non-profit organizations and bodies, however, are included in this sector if they either serve or are controlled by government, or both.

In Canada the distribution of GERD amongst the government sub-sectors are published. The sub-sectors are the federal government, the provincial governments and the provincial research organizations (PRO's). Currently Canada has nine PRO's. They are the InNOVAcorp (formerly the Nova Scotia Research Foundation Corporation), the New Brunswick Research and Productivity Council, the "Centre de recherche industrielle du Québec (CRIQ)", the Industrial Technology Centre (Manitoba) (formerly the Economic Innovation and Technology Council), the Saskatchewan Research Council, the Alberta Research Council, the Yukon Research Institute, the NUNAVUT Research Institute (formerly the Science Institute of the Northwest Territories) and the Aurora Research Institute.

Business Enterprise

This sector is composed of all firms, organizations and institutions whose primary activity is the production of goods or services for sale to the general public at a price intended approximately to cover at least the cost of production as well as non-profit institutes serving such firms. Included are government-owned enterprises such as Ontario Hydro and Canadian National Railways.

Higher Education

This sector is composed of all universities, colleges of technology and other institutes of post-secondary education, whatever their source of finance or legal status. It also includes all research institutes, experimental stations and clinics operating **under the direct control of** or **administered by** higher education establishments.

GERD values have improved in recent years through changes made in the estimation of higher education R&D values (HERD). Details on revisions made to the estimation procedure will be published in the HERD Working Paper in November, 2001.

¹ OECD, op cit., p. 46

Private Non-Profit Organizations

This sector comprises private or semi-private organizations which are not established primarily with the aim of making a profit.

It consists of voluntary associations (scientific and professional societies, health-oriented groups), philanthropic foundations and research institutes supported by the associations and foundations. These kinds of institutions are usually maintained by fees, dues and donations from members and sponsors and by grants from governments and enterprises. They may also obtain revenue from the sale of their products such as publications or special studies.

Non-profit institutes and organizations excluded from this sector are those which are controlled by enterprises, government, or higher education. Such non-profit institutes and organizations are included with the respective sectors whose interests they mainly serve.

Foreign

This sector consists of: "All institutions and individuals located outside the political frontiers of a country except for vehicles, ships, aircraft and space satellites operated by domestic organizations and testing grounds acquired by such organizations."¹

This sector also includes international organizations whose facilities and operations are situated inside the borders of a country. Foreign-owned subsidiaries are not included in this sector (e.g., Ford Canada is, for the purposes for measuring R&D expenditures, a domestic organization in the Canadian business enterprise sector, even though its parent company is the Ford Motor Company of the United States).

The Foreign sector is included in the GERD only as a funding sector (see matrix), since by definition the GERD includes R&D performed within a country and **funded from abroad** but excludes payments made abroad for R&D. Thus, funding from the Foreign sector is implicitly included in the intramural expenditures of the four performing sectors.

Additional Information

For those interested in the Higher Education estimates, a working paper entitled **Estimation of Research and Development Expenditures in the Higher Education Sector, 1999-2000** will be released in November, 2001.

Report on **Federal Government Expenditures and Personnel on Activities in the Natural and Social Sciences 1992-98 to 2001-2002**^e will be released in December, 2001. This is a detailed report on financial and human resources allocated to S&T within the federal government.

For further information, please contact:

Bert Plaus
Tel. (613) 951-6347
Facsimile (613) 951-9920
e-mail: Bert.Plaus@statcan.ca

or Janet Thompson
Tel. (613) 951-2580
Facsimile (613) 951-9920
e-mail: Janet.Thompson@statcan.ca

Science and Innovation Surveys Section
Science, Innovation and Electronic Information Division
Statistics Canada
Ottawa, Ontario
K1A 0T6

¹ *Ibid.*, p. 51

**TOTAL CANADIAN GERD, 1990 TO 2001^e,
AND BY PROVINCE, 1990 to 1999**

National GERD 1990 to 2001^e

Canada

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1990^f Total sciences							
Federal Government	1,654	1	8	390	783	23	2,859
Provincial Governments	0	198	53	93	283	13	640
Provincial Research Organizations	0	0	1	0	0	0	1
Business Enterprises	0	7	28	3,763	151	11	3,960
Higher Education	0	0	0	0	1,618	0	1,618
Private Non-profit Organizations	0	0	0	0	186	47	233
Foreign	0	0	6	923	12	8	949
Total	1,654	206	96	5,169	3,033	102	10,260
1991^f Total sciences							
Federal Government	1,685	1	7	417	813	23	2,946
Provincial Governments	0	228	50	114	289	14	695
Provincial Research Organizations	0	0	1	0	0	0	1
Business Enterprises	0	9	26	3,836	229	13	4,113
Higher Education	0	0	0	0	1,735	0	1,735
Private Non-profit Organizations	0	0	0	0	215	52	267
Foreign	0	0	6	988	11	8	1,013
Total	1,685	238	90	5,355	3,292	110	10,770
1992^f Total sciences							
Federal Government	1,711	1	6	533	849	23	3,123
Provincial Governments	0	201	50	85	294	15	645
Provincial Research Organizations	0	0	1	0	0	0	1
Business Enterprises	5	6	24	4,105	293	25	4,458
Higher Education	0	0	0	0	1,886	0	1,886
Private Non-profit Organizations	0	0	0	0	196	53	249
Foreign	0	0	4	1,019	20	7	1,050
Total	1,716	208	85	5,742	3,538	123	11,412
1993^f Total sciences							
Federal Government	1,750	1	6	516	872	23	3,168
Provincial Governments	0	191	41	105	313	17	667
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	7	0	22	4,668	314	27	5,038
Higher Education	0	0	0	0	1,866	0	1,866
Private Non-profit Organizations	0	0	0	0	248	54	302
Foreign	0	0	8	1,135	20	8	1,171
Total	1,757	192	77	6,424	3,633	129	12,212
1994^f Total sciences							
Federal Government	1,744	1	4	467	870	26	3,112
Provincial Governments	0	196	35	99	315	21	666
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	10	0	19	5,535	296	29	5,889
Higher Education	0	0	0	0	1,882	0	1,882
Private Non-profit Organizations	0	0	0	0	259	66	325
Foreign	0	0	5	1,466	21	9	1,501
Total	1,754	197	63	7,567	3,643	151	13,375

National GERD 1990 to 2001^e

Canada

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1995^r Total sciences							
Federal Government	1,710	1	4	411	855	25	3,006
Provincial Governments	3	185	37	87	323	21	656
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	14	0	22	5,946	297	27	6,306
Higher Education	0	0	0	0	1,935	0	1,935
Private Non-profit Organizations	0	0	0	0	266	70	336
Foreign	0	0	5	1,555	24	10	1,594
Total	1,727	186	68	7,999	3,700	153	13,833
1996^r Total sciences							
Federal Government	1,701	0	4	293	809	25	2,832
Provincial Governments	4	163	44	102	298	23	634
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	87	0	24	5,963	335	21	6,430
Higher Education	0	0	0	0	1,927	0	1,927
Private Non-profit Organizations	0	0	0	0	313	73	386
Foreign	0	0	7	1,661	37	12	1,717
Total	1,792	163	79	8,019	3,719	154	13,926
1997^r Total sciences							
Federal Government	1,654	0	4	360	793	28	2,839
Provincial Governments	3	156	30	79	370	23	661
Provincial Research Organizations	0	0	1	0	0	0	1
Business Enterprises	63	0	19	6,592	381	22	7,077
Higher Education	0	0	0	0	2,032	0	2,032
Private Non-profit Organizations	0	0	0	0	324	85	409
Foreign	0	0	4	1,750	40	11	1,805
Total	1,720	156	58	8,781	3,940	169	14,824
1998^r Total sciences							
Federal Government	1,691	0	3	271	861	31	2,857
Provincial Governments	3	155	34	58	370	24	644
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	49	0	21	6,795	408	26	7,299
Higher Education	0	0	0	0	2,347	0	2,347
Private Non-profit Organizations	0	0	0	0	334	88	422
Foreign	0	0	3	2,499	50	12	2,564
Total	1,743	155	61	9,623	4,370	181	16,133
1999 Total sciences							
Federal Government	1,814	0	2	307	1,082	28	3,233
Provincial Governments	4	173	35	60	480	20	772
Provincial Research Organizations	0	0	3	0	0	0	3
Business Enterprises	41	0	19	6,805	456	21	7,342
Higher Education	0	0	0	0	2,729	0	2,729
Private Non-profit Organizations	0	0	0	0	350	94	444
Foreign	0	0	3	2,648	57	12	2,720
Total	1,859	173	62	9,820	5,154	175	17,243

National GERD 1990 to 2001^e

Canada

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
2000^p Total sciences							
Federal Government	1,860	0	2	337	1,245	30	3,474
Provincial Governments	3	179	40	65	552	21	860
Provincial Research Organizations	0	0	3	0	0	0	3
Business Enterprises	45	0	21	7,527	525	22	8,140
Higher Education	0	0	0	0	3,138	0	3,138
Private Non-profit Organizations	0	0	0	0	401	98	499
Foreign	0	0	4	2,933	65	13	3,015
Total	1,908	179	70	10,862	5,926	184	19,129
2001^e Total sciences							
Federal Government	1,907	0	2	361	1,431	31	3,732
Provincial Governments	2	181	42	70	635	22	952
Provincial Research Organizations	0	0	3	0	0	0	3
Business Enterprises	44	0	22	8,078	603	23	8,770
Higher Education	0	0	0	0	3,609	0	3,609
Private Non-profit Organizations	0	0	0	0	462	103	565
Foreign	0	0	4	3,147	75	14	3,240
Total	1,953	181	73	11,656	6,815	193	20,871

Provincial GERD 1990 to 1999

Newfoundland

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1990^r Total sciences							
Federal Government	35	0	0	4	17	0	56
Provincial Governments	0	3	0	0	1	0	4
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	5	1	0	6
Higher Education	0	0	0	0	32	0	32
Private Non-profit Organizations	0	0	0	0	4	0	4
Foreign	0	0	0	1	0	0	1
Total	35	3	0	10	55	0	103
1991^r Total sciences							
Federal Government	35	0	0	3	16	0	54
Provincial Governments	0	4	0	0	1	0	5
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	5	2	0	7
Higher Education	0	0	0	0	34	0	34
Private Non-profit Organizations	0	0	0	0	4	0	4
Foreign	0	0	0	2	0	0	2
Total	35	4	0	10	57	0	106
1992^r Total sciences							
Federal Government	35	0	0	3	24	0	62
Provincial Governments	0	4	0	0	1	0	5
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	4	3	0	7
Higher Education	0	0	0	0	31	0	31
Private Non-profit Organizations	0	0	0	0	2	0	2
Foreign	0	0	0	3	0	0	3
Total	35	4	0	10	61	0	110
1993^r Total sciences							
Federal Government	36	0	0	4	19	0	59
Provincial Governments	0	4	0	0	2	0	6
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	5	4	0	9
Higher Education	0	0	0	0	34	0	34
Private Non-profit Organizations	0	0	0	0	1	0	1
Foreign	0	0	0	2	0	0	2
Total	36	4	0	11	60	0	111
1994^r Total sciences							
Federal Government	33	0	0	4	16	0	53
Provincial Governments	0	4	0	0	3	0	7
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	0	6	4	0	11
Higher Education	0	0	0	0	34	0	34
Private Non-profit Organizations	0	0	0	0	1	0	1
Foreign	0	0	0	2	1	0	3
Total	34	4	0	12	59	0	109

Provincial GERD 1990 to 1999

Newfoundland

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1995^r Total sciences							
Federal Government	27	0	0	2	14	0	43
Provincial Governments	0	4	0	0	4	0	8
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	0	9	4	0	14
Higher Education	0	0	0	0	35	0	35
Private Non-profit Organizations	0	0	0	0	1	0	1
Foreign	0	0	0	0	0	0	0
Total	28	4	0	11	58	0	101
1996^r Total sciences							
Federal Government	26	0	0	1	16	0	43
Provincial Governments	0	4	0	1	1	0	6
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	13	5	0	18
Higher Education	0	0	0	0	33	0	33
Private Non-profit Organizations	0	0	0	0	2	0	2
Foreign	0	0	0	2	0	0	2
Total	26	4	0	17	57	0	104
1997^r Total sciences							
Federal Government	22	0	0	1	17	0	40
Provincial Governments	0	4	0	1	0	0	5
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	0	11	7	0	19
Higher Education	0	0	0	0	35	0	35
Private Non-profit Organizations	0	0	0	0	2	0	2
Foreign	0	0	0	1	1	0	2
Total	23	4	0	14	62	0	103
1998^r Total sciences							
Federal Government	25	0	0	2	18	0	45
Provincial Governments	0	4	0	1	1	0	6
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	0	12	9	0	22
Higher Education	0	0	0	0	44	0	44
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	2	0	0	2
Total	26	4	0	17	72	0	119
1999 Total sciences							
Federal Government	24	0	0	2	22	0	48
Provincial Governments	0	5	0	0	0	0	5
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	0	13	4	0	18
Higher Education	0	0	0	0	49	0	49
Private Non-profit Organizations	0	0	0	0	2	0	2
Foreign	0	0	0	1	2	0	3
Total	25	5	0	16	79	0	125

Provincial GERD 1990 to 1999

Prince Edward Island

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1990^r Total sciences							
Federal Government	10	0	0	0	1	0	11
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	2	0	0	2
Higher Education	0	0	0	0	3	0	3
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	10	0	0	2	4	0	16
1991^r Total sciences							
Federal Government	10	0	0	1	1	0	12
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	1	0	0	1
Higher Education	0	0	0	0	3	0	3
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	10	0	0	2	4	0	16
1992^r Total sciences							
Federal Government	9	0	0	0	1	0	10
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	1	0	0	1
Higher Education	0	0	0	0	3	0	3
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	9	0	0	1	4	0	14
1993^r Total sciences							
Federal Government	11	0	0	0	1	0	12
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	2	0	0	2
Higher Education	0	0	0	0	3	0	3
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	11	0	0	2	4	0	17
1994^r Total sciences							
Federal Government	11	0	0	0	1	0	12
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	2	0	0	2
Higher Education	0	0	0	0	3	0	3
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	11	0	0	2	4	0	17

Provincial GERD 1990 to 1999

Prince Edward Island

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1995^r Total sciences							
Federal Government	9	0	0	1	1	0	11
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	2	1	0	3
Higher Education	0	0	0	0	2	0	2
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	9	0	0	3	4	0	16
1996^r Total sciences							
Federal Government	9	0	0	1	1	0	11
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	2	0	0	2
Higher Education	0	0	0	0	3	0	3
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	9	0	0	3	4	0	16
1997^r Total sciences							
Federal Government	9	0	0	1	1	0	11
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	2	0	0	2
Higher Education	0	0	0	0	4	0	4
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	9	0	0	3	5	0	17
1998^r Total sciences							
Federal Government	10	0	0	0	1	0	11
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	2	1	0	3
Higher Education	0	0	0	0	9	0	9
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	10	0	0	2	11	0	23
1999 Total sciences							
Federal Government	12	0	0	0	1	0	13
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	3	0	0	3
Higher Education	0	0	0	0	9	0	9
Private Non-profit Organizations	0	0	0	0	1	0	1
Foreign	0	0	0	0	0	0	0
Total	12	0	0	3	11	0	26

Provincial GERD 1990 to 1999

Nova Scotia

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1990^r Total sciences							
Federal Government	81	0	0	8	44	0	133
Provincial Governments	0	5	1	1	5	0	12
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	18	5	0	23
Higher Education	0	0	0	0	62	0	62
Private Non-profit Organizations	0	0	0	0	2	1	3
Foreign	0	0	0	3	0	0	3
Total	81	5	1	30	118	1	236
1991^r Total sciences							
Federal Government	81	0	0	9	45	0	135
Provincial Governments	0	3	1	0	6	0	10
Provincial Research Organizations	0	0	1	0	0	0	1
Business Enterprises	0	0	0	13	5	0	18
Higher Education	0	0	0	0	66	0	66
Private Non-profit Organizations	0	0	0	0	5	1	6
Foreign	0	0	0	4	0	0	4
Total	81	3	2	26	127	1	240
1992^r Total sciences							
Federal Government	73	0	0	11	41	0	125
Provincial Governments	0	4	1	0	4	0	9
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	17	8	0	25
Higher Education	0	0	0	0	66	0	66
Private Non-profit Organizations	0	0	0	0	2	1	3
Foreign	0	0	0	5	0	0	5
Total	73	4	1	33	121	1	233
1993^r Total sciences							
Federal Government	75	0	0	9	36	0	120
Provincial Governments	0	5	1	1	4	0	11
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	28	7	0	35
Higher Education	0	0	0	0	67	0	67
Private Non-profit Organizations	0	0	0	0	4	1	5
Foreign	0	0	0	6	1	0	7
Total	75	5	1	44	119	1	245
1994^r Total sciences							
Federal Government	83	0	0	10	34	0	127
Provincial Governments	0	5	1	1	3	0	10
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	0	45	8	0	54
Higher Education	0	0	0	0	64	0	64
Private Non-profit Organizations	0	0	0	0	4	1	5
Foreign	0	0	0	5	0	0	5
Total	84	5	1	61	113	1	265

Provincial GERD 1990 to 1999

Nova Scotia

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1995^r Total sciences							
Federal Government	75	0	0	6	31	0	112
Provincial Governments	0	5	1	1	3	0	10
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	0	48	8	0	57
Higher Education	0	0	0	0	70	0	70
Private Non-profit Organizations	0	0	0	0	4	1	5
Foreign	0	0	0	9	1	0	10
Total	76	5	1	64	117	1	264
1996^r Total sciences							
Federal Government	78	0	0	5	28	0	111
Provincial Governments	0	5	1	1	3	0	10
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	0	40	9	0	50
Higher Education	0	0	0	0	69	0	69
Private Non-profit Organizations	0	0	0	0	2	1	3
Foreign	0	0	0	8	6	0	14
Total	79	5	1	54	117	1	257
1997^r Total sciences							
Federal Government	69	0	0	7	31	0	107
Provincial Governments	0	5	1	2	5	0	13
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	1	28	8	0	38
Higher Education	0	0	0	0	71	0	71
Private Non-profit Organizations	0	0	0	0	3	1	4
Foreign	0	0	0	17	7	0	24
Total	70	5	2	54	125	1	257
1998^r Total sciences							
Federal Government	76	0	0	8	29	0	113
Provincial Governments	0	5	1	1	5	0	12
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	1	35	8	0	45
Higher Education	0	0	0	0	110	0	110
Private Non-profit Organizations	0	0	0	0	4	1	5
Foreign	0	0	0	19	8	0	27
Total	77	5	2	63	164	1	312
1999 Total sciences							
Federal Government	71	0	0	3	38	0	112
Provincial Governments	0	6	1	1	8	0	16
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	0	28	24	0	53
Higher Education	0	0	0	0	128	0	128
Private Non-profit Organizations	0	0	0	0	5	2	7
Foreign	0	0	0	20	7	0	27
Total	72	6	1	52	210	2	343

Provincial GERD 1990 to 1999

New Brunswick

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1990^r Total sciences							
Federal Government	36	0	1	6	12	1	56
Provincial Governments	0	2	0	1	4	0	7
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	1	39	3	0	43
Higher Education	0	0	0	0	26	0	26
Private Non-profit Organizations	0	0	0	0	1	1	2
Foreign	0	0	0	0	0	0	0
Total	36	2	2	46	46	2	134
1991^r Total sciences							
Federal Government	37	0	0	5	12	0	54
Provincial Governments	0	2	0	1	4	0	7
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	1	24	4	0	29
Higher Education	0	0	0	0	28	0	28
Private Non-profit Organizations	0	0	0	0	2	1	3
Foreign	0	0	0	0	0	0	0
Total	37	2	1	30	50	1	121
1992^r Total sciences							
Federal Government	36	0	0	5	12	1	54
Provincial Governments	0	2	0	1	3	0	6
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	1	23	5	0	29
Higher Education	0	0	0	0	30	0	30
Private Non-profit Organizations	0	0	0	0	3	0	3
Foreign	0	0	0	0	0	0	0
Total	36	2	1	29	53	1	122
1993^r Total sciences							
Federal Government	33	0	0	17	12	1	63
Provincial Governments	0	2	0	0	4	0	6
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	24	3	0	27
Higher Education	0	0	0	0	31	0	31
Private Non-profit Organizations	0	0	0	0	3	0	3
Foreign	0	0	0	0	0	0	0
Total	33	2	0	41	53	1	130
1994^r Total sciences							
Federal Government	28	0	0	18	14	0	60
Provincial Governments	0	2	0	1	4	0	7
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	30	5	0	35
Higher Education	0	0	0	0	28	0	28
Private Non-profit Organizations	0	0	0	0	3	1	4
Foreign	0	0	0	0	0	0	0
Total	28	2	0	49	54	1	134

Provincial GERD 1990 to 1999

New Brunswick

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1995^r Total sciences							
Federal Government	29	0	0	17	14	0	60
Provincial Governments	0	2	0	3	4	0	9
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	32	4	0	36
Higher Education	0	0	0	0	30	0	30
Private Non-profit Organizations	0	0	0	0	3	1	4
Foreign	0	0	0	0	1	0	1
Total	29	2	0	52	56	1	140
1996^r Total sciences							
Federal Government	31	0	0	1	11	0	43
Provincial Governments	0	2	0	3	4	0	9
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	55	4	1	60
Higher Education	0	0	0	0	31	0	31
Private Non-profit Organizations	0	0	0	0	5	0	5
Foreign	0	0	0	0	1	0	1
Total	31	2	0	59	56	1	149
1997^r Total sciences							
Federal Government	28	0	0	2	11	0	41
Provincial Governments	0	2	1	1	3	0	7
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	1	34	6	0	41
Higher Education	0	0	0	0	32	0	32
Private Non-profit Organizations	0	0	0	0	4	1	5
Foreign	0	0	0	0	2	0	2
Total	28	2	2	37	58	1	128
1998^r Total sciences							
Federal Government	31	0	0	1	12	0	44
Provincial Governments	0	2	1	1	4	0	8
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	1	36	6	0	43
Higher Education	0	0	0	0	52	0	52
Private Non-profit Organizations	0	0	0	0	5	1	6
Foreign	0	0	0	1	1	0	2
Total	31	2	2	39	80	1	155
1999 Total sciences							
Federal Government	32	0	0	1	16	0	49
Provincial Governments	0	2	1	1	4	0	8
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	1	33	5	0	39
Higher Education	0	0	0	0	58	0	58
Private Non-profit Organizations	0	0	0	0	5	1	6
Foreign	0	0	0	1	1	0	2
Total	32	2	2	36	89	1	162

Provincial GERD 1990 to 1999

Québec

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1990^r Total sciences							
Federal Government	215	0	1	121	209	4	550
Provincial Governments	0	55	12	24	86	2	179
Provincial Research Organizations	0	0	1	0	0	0	1
Business Enterprises	0	1	5	1,142	48	1	1,197
Higher Education	0	0	0	0	481	0	481
Private Non-profit Organizations	0	0	0	0	51	3	54
Foreign	0	0	0	128	3	1	132
Total	215	56	19	1,415	878	11	2,594
1991^r Total sciences							
Federal Government	217	0	1	135	211	4	568
Provincial Governments	0	58	12	32	84	3	189
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	1	6	1,220	125	2	1,354
Higher Education	0	0	0	0	548	0	548
Private Non-profit Organizations	0	0	0	0	62	7	69
Foreign	0	0	0	133	4	1	138
Total	217	59	19	1,520	1,034	17	2,866
1992^r Total sciences							
Federal Government	234	0	1	180	218	5	638
Provincial Governments	0	55	13	30	95	2	195
Provincial Research Organizations	0	0	1	0	0	0	1
Business Enterprises	0	1	5	1,271	165	8	1,450
Higher Education	0	0	0	0	636	0	636
Private Non-profit Organizations	0	0	0	0	48	5	53
Foreign	0	0	0	163	8	0	171
Total	234	56	20	1,644	1,170	20	3,144
1993^r Total sciences							
Federal Government	250	0	1	172	236	5	664
Provincial Governments	0	54	11	30	111	2	208
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	5	1,445	133	8	1,591
Higher Education	0	0	0	0	622	0	622
Private Non-profit Organizations	0	0	0	0	58	5	63
Foreign	0	0	0	155	9	0	164
Total	250	54	17	1,802	1,169	20	3,312
1994^r Total sciences							
Federal Government	225	0	0	133	235	3	596
Provincial Governments	0	52	11	32	111	4	210
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	5	1,701	100	9	1,816
Higher Education	0	0	0	0	620	0	620
Private Non-profit Organizations	0	0	0	0	61	11	72
Foreign	0	0	0	190	9	1	200
Total	226	52	16	2,056	1,136	28	3,514

Provincial GERD 1990 to 1999

Québec

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1995^r Total sciences							
Federal Government	216	0	1	135	228	3	583
Provincial Governments	1	47	15	37	117	5	222
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	8	1,899	94	5	2,007
Higher Education	0	0	0	0	596	0	596
Private Non-profit Organizations	0	0	0	0	63	10	73
Foreign	0	0	0	206	9	2	217
Total	218	47	24	2,277	1,107	25	3,698
1996^r Total sciences							
Federal Government	223	0	1	102	219	4	549
Provincial Governments	1	47	13	34	103	6	204
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	9	2,045	89	5	2,149
Higher Education	0	0	0	0	598	0	598
Private Non-profit Organizations	0	0	0	0	74	11	85
Foreign	0	0	0	218	12	1	231
Total	225	47	23	2,399	1,095	27	3,816
1997^r Total sciences							
Federal Government	208	0	1	139	200	7	555
Provincial Governments	1	47	5	23	117	5	198
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	2	0	5	2,118	103	6	2,234
Higher Education	0	0	0	0	653	0	653
Private Non-profit Organizations	0	0	0	0	74	13	87
Foreign	0	0	0	254	17	1	272
Total	211	47	11	2,534	1,164	32	3,999
1998^r Total sciences							
Federal Government	224	0	1	69	247	6	547
Provincial Governments	0	44	6	29	111	5	195
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	2	0	10	2,368	111	6	2,497
Higher Education	0	0	0	0	644	0	644
Private Non-profit Organizations	0	0	0	0	88	13	101
Foreign	0	0	0	335	20	2	357
Total	226	44	17	2,801	1,221	32	4,341
1999 Total sciences							
Federal Government	247	0	1	90	327	7	672
Provincial Governments	1	41	5	23	146	5	221
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	2	0	7	2,487	135	6	2,637
Higher Education	0	0	0	0	776	0	776
Private Non-profit Organizations	0	0	0	0	96	13	109
Foreign	0	0	0	387	16	4	407
Total	250	41	13	2,987	1,496	35	4,822

Provincial GERD 1990 to 1999

Ontario

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1990^r Total sciences							
Federal Government	249	1	1	178	285	16	730
Provincial Governments	0	84	3	21	118	10	236
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	1	8	1,914	63	10	1,996
Higher Education	0	0	0	0	629	0	629
Private Non-profit Organizations	0	0	0	0	77	34	111
Foreign	0	0	3	729	4	6	742
Total	249	86	15	2,842	1,176	76	4,444
1991^r Total sciences							
Federal Government	251	1	1	179	298	16	746
Provincial Governments	0	109	3	19	120	10	261
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	1	6	1,990	59	9	2,065
Higher Education	0	0	0	0	646	0	646
Private Non-profit Organizations	0	0	0	0	86	36	122
Foreign	0	0	4	764	2	6	776
Total	251	111	14	2,952	1,211	77	4,616
1992^r Total sciences							
Federal Government	274	1	2	248	320	14	859
Provincial Governments	0	82	4	21	123	11	241
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	1	8	2,094	69	15	2,187
Higher Education	0	0	0	0	684	0	684
Private Non-profit Organizations	0	0	0	0	80	39	119
Foreign	0	0	0	760	5	6	771
Total	274	84	14	3,123	1,281	85	4,861
1993^r Total sciences							
Federal Government	276	1	2	232	334	14	859
Provincial Governments	0	68	4	44	125	11	252
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	6	2,359	114	15	2,494
Higher Education	0	0	0	0	699	0	699
Private Non-profit Organizations	0	0	0	0	118	39	157
Foreign	0	0	2	872	1	7	882
Total	276	69	14	3,507	1,391	86	5,343
1994^r Total sciences							
Federal Government	253	1	1	214	327	19	815
Provincial Governments	0	75	4	32	132	11	254
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	4	2,747	121	16	2,889
Higher Education	0	0	0	0	698	0	698
Private Non-profit Organizations	0	0	0	0	126	42	168
Foreign	0	0	2	1,119	5	8	1,134
Total	254	76	11	4,112	1,409	96	5,958

Provincial GERD 1990 to 1999

Ontario

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1995^r Total sciences							
Federal Government	257	1	1	169	324	19	771
Provincial Governments	1	75	2	20	124	8	230
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	4	2,957	120	20	3,102
Higher Education	0	0	0	0	750	0	750
Private Non-profit Organizations	0	0	0	0	120	46	166
Foreign	0	0	2	1,182	6	8	1,198
Total	259	76	9	4,328	1,444	101	6,217
1996^r Total sciences							
Federal Government	297	0	1	120	309	18	745
Provincial Governments	1	57	2	36	114	10	220
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	62	0	5	2,894	152	13	3,126
Higher Education	0	0	0	0	735	0	735
Private Non-profit Organizations	0	0	0	0	157	48	205
Foreign	0	0	2	1,215	13	10	1,240
Total	360	57	10	4,265	1,480	99	6,271
1997^r Total sciences							
Federal Government	267	0	1	167	308	17	760
Provincial Governments	1	47	2	32	142	10	234
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	37	0	4	3,375	166	11	3,593
Higher Education	0	0	0	0	786	0	786
Private Non-profit Organizations	0	0	0	0	169	61	230
Foreign	0	0	2	1,271	7	10	1,290
Total	305	47	9	4,845	1,578	109	6,893
1998^r Total sciences							
Federal Government	248	0	0	160	330	18	756
Provincial Governments	1	51	0	12	136	10	210
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	27	0	0	3,292	188	14	3,521
Higher Education	0	0	0	0	912	0	912
Private Non-profit Organizations	0	0	0	0	169	64	233
Foreign	0	0	0	1,853	13	10	1,876
Total	276	51	0	5,317	1,748	116	7,508
1999 Total sciences							
Federal Government	300	0	0	172	393	15	880
Provincial Governments	1	63	0	21	177	7	269
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	21	0	0	3,296	194	9	3,520
Higher Education	0	0	0	0	1,059	0	1,059
Private Non-profit Organizations	0	0	0	0	165	63	228
Foreign	0	0	0	1,955	23	7	1,985
Total	322	63	0	5,444	2,011	101	7,941

Provincial GERD 1990 to 1999

Manitoba

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1990^r Total sciences							
Federal Government	94	0	0	6	29	2	131
Provincial Governments	0	1	1	2	6	1	11
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	1	38	2	0	41
Higher Education	0	0	0	0	60	0	60
Private Non-profit Organizations	0	0	0	0	12	3	15
Foreign	0	0	0	3	2	0	5
Total	94	1	2	49	111	6	263
1991^r Total sciences							
Federal Government	95	0	0	7	29	2	133
Provincial Governments	0	1	1	4	5	1	12
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	1	41	3	1	46
Higher Education	0	0	0	0	62	0	62
Private Non-profit Organizations	0	0	0	0	13	3	16
Foreign	0	0	0	12	2	1	15
Total	95	1	2	64	114	8	284
1992^r Total sciences							
Federal Government	81	0	0	7	28	3	119
Provincial Governments	0	1	1	2	7	2	13
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	1	51	3	0	55
Higher Education	0	0	0	0	64	0	64
Private Non-profit Organizations	0	0	0	0	13	3	16
Foreign	0	0	0	12	1	1	14
Total	81	1	2	72	116	9	281
1993^r Total sciences							
Federal Government	83	0	0	7	28	3	121
Provincial Governments	0	1	1	1	6	1	10
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	1	72	4	1	78
Higher Education	0	0	0	0	60	0	60
Private Non-profit Organizations	0	0	0	0	12	3	15
Foreign	0	0	0	10	1	1	12
Total	83	1	2	90	111	9	296
1994^r Total sciences							
Federal Government	80	0	0	8	29	3	120
Provincial Governments	0	1	1	2	5	3	12
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	1	84	4	1	90
Higher Education	0	0	0	0	63	0	63
Private Non-profit Organizations	0	0	0	0	12	4	16
Foreign	0	0	0	8	2	0	10
Total	80	1	2	102	115	11	311

Provincial GERD 1990 to 1999

Manitoba

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1995^r Total sciences							
Federal Government	73	0	0	8	27	2	110
Provincial Governments	0	1	1	4	5	4	15
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	1	80	4	1	87
Higher Education	0	0	0	0	63	0	63
Private Non-profit Organizations	0	0	0	0	13	4	17
Foreign	0	0	0	4	2	0	6
Total	74	1	2	96	114	11	298
1996^r Total sciences							
Federal Government	70	0	0	8	26	2	106
Provincial Governments	0	1	0	4	5	4	14
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	5	0	0	77	4	1	87
Higher Education	0	0	0	0	61	0	61
Private Non-profit Organizations	0	0	0	0	13	6	19
Foreign	0	0	0	4	2	0	6
Total	75	1	0	93	111	13	293
1997^r Total sciences							
Federal Government	54	0	0	2	28	3	87
Provincial Governments	0	1	0	1	8	4	14
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	3	0	0	83	8	1	95
Higher Education	0	0	0	0	45	0	45
Private Non-profit Organizations	0	0	0	0	17	4	21
Foreign	0	0	0	3	2	0	5
Total	57	1	0	89	108	12	267
1998^r Total sciences							
Federal Government	47	0	0	2	25	7	81
Provincial Governments	0	1	0	1	9	4	15
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	2	0	0	90	6	1	99
Higher Education	0	0	0	0	77	0	77
Private Non-profit Organizations	0	0	0	0	13	4	17
Foreign	0	0	0	3	1	0	4
Total	49	1	0	96	131	16	293
1999 Total sciences							
Federal Government	56	0	0	3	34	6	99
Provincial Governments	0	1	0	1	15	5	22
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	2	0	0	98	4	1	105
Higher Education	0	0	0	0	89	0	89
Private Non-profit Organizations	0	0	0	0	14	7	21
Foreign	0	0	0	32	1	1	34
Total	58	1	0	134	157	20	370

Provincial GERD 1990 to 1999

Saskatchewan

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1990^r Total sciences							
Federal Government	50	0	1	4	23	0	78
Provincial Governments	0	4	3	2	13	0	22
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	3	38	3	0	44
Higher Education	0	0	0	0	51	0	51
Private Non-profit Organizations	0	0	0	0	3	0	3
Foreign	0	0	0	3	0	0	3
Total	50	4	7	47	93	0	201
1991^r Total sciences							
Federal Government	51	0	1	6	26	0	84
Provincial Governments	0	4	2	1	12	0	19
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	3	43	3	0	49
Higher Education	0	0	0	0	56	0	56
Private Non-profit Organizations	0	0	0	0	4	0	4
Foreign	0	0	0	4	0	0	4
Total	51	4	6	54	101	0	216
1992^r Total sciences							
Federal Government	56	0	1	7	25	0	89
Provincial Governments	0	4	2	1	11	0	18
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	3	54	5	0	62
Higher Education	0	0	0	0	57	0	57
Private Non-profit Organizations	0	0	0	0	4	0	4
Foreign	0	0	0	4	1	0	5
Total	56	4	6	66	103	0	235
1993^r Total sciences							
Federal Government	54	0	1	6	26	0	87
Provincial Governments	0	3	3	1	12	0	19
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	5	50	6	0	61
Higher Education	0	0	0	0	56	0	56
Private Non-profit Organizations	0	0	0	0	5	0	5
Foreign	0	0	1	3	1	0	5
Total	54	3	10	60	106	0	233
1994^r Total sciences							
Federal Government	46	0	2	6	26	0	80
Provincial Governments	0	3	3	3	10	0	19
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	5	59	7	0	71
Higher Education	0	0	0	0	59	0	59
Private Non-profit Organizations	0	0	0	0	6	0	6
Foreign	0	0	0	2	0	0	2
Total	46	3	10	70	108	0	237

Provincial GERD 1990 to 1999

Saskatchewan

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1995^r Total sciences							
Federal Government	50	0	1	6	23	0	80
Provincial Governments	0	4	4	2	12	0	22
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	5	59	7	0	71
Higher Education	0	0	0	0	66	0	66
Private Non-profit Organizations	0	0	0	0	6	0	6
Foreign	0	0	0	7	0	0	7
Total	50	4	10	74	114	0	252
1996^r Total sciences							
Federal Government	44	0	1	4	24	0	73
Provincial Governments	0	3	6	1	11	0	21
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	4	47	8	0	60
Higher Education	0	0	0	0	63	0	63
Private Non-profit Organizations	0	0	0	0	7	0	7
Foreign	0	0	0	6	1	0	7
Total	45	3	11	58	114	0	231
1997^r Total sciences							
Federal Government	70	0	1	4	18	0	93
Provincial Governments	0	3	4	2	18	0	27
Provincial Research Organizations	0	0	1	0	0	0	1
Business Enterprises	1	0	3	70	8	0	82
Higher Education	0	0	0	0	68	0	68
Private Non-profit Organizations	0	0	0	0	6	0	6
Foreign	0	0	0	8	1	0	9
Total	71	3	9	84	119	0	286
1998^r Total sciences							
Federal Government	54	0	0	4	19	0	77
Provincial Governments	0	3	4	2	17	0	26
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	3	47	8	0	58
Higher Education	0	0	0	0	88	0	88
Private Non-profit Organizations	0	0	0	0	6	0	6
Foreign	0	0	1	22	1	0	24
Total	54	3	8	75	139	0	279
1999 Total sciences							
Federal Government	59	0	1	4	39	0	103
Provincial Governments	0	3	3	3	20	0	29
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	3	52	9	0	65
Higher Education	0	0	0	0	101	0	101
Private Non-profit Organizations	0	0	0	0	6	0	6
Foreign	0	0	0	12	1	0	13
Total	60	3	7	71	176	0	317

Provincial GERD 1990 to 1999

Alberta

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1990^r Total sciences							
Federal Government	77	0	2	14	69	0	162
Provincial Governments	0	25	30	26	33	0	114
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	3	7	291	14	0	315
Higher Education	0	0	0	0	141	0	141
Private Non-profit Organizations	0	0	0	0	19	0	19
Foreign	0	0	3	26	1	0	30
Total	77	28	42	357	277	0	781
1991^r Total sciences							
Federal Government	78	0	3	16	71	0	168
Provincial Governments	0	26	29	45	36	0	136
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	4	7	260	13	0	284
Higher Education	0	0	0	0	148	0	148
Private Non-profit Organizations	0	0	0	0	22	0	22
Foreign	0	0	2	28	1	0	31
Total	78	30	41	349	291	0	789
1992^r Total sciences							
Federal Government	78	0	2	16	71	0	167
Provincial Governments	0	28	29	16	31	0	104
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	1	6	277	17	0	301
Higher Education	0	0	0	0	154	0	154
Private Non-profit Organizations	0	0	0	0	21	0	21
Foreign	0	0	4	28	0	0	32
Total	78	29	41	337	294	0	779
1993^r Total sciences							
Federal Government	75	0	2	14	73	0	164
Provincial Governments	0	27	21	15	30	3	96
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	5	329	20	2	356
Higher Education	0	0	0	0	150	0	150
Private Non-profit Organizations	0	0	0	0	23	1	24
Foreign	0	0	5	38	1	0	44
Total	75	27	33	396	297	6	834
1994^r Total sciences							
Federal Government	92	0	1	17	78	1	189
Provincial Governments	0	25	15	13	31	3	87
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	4	421	21	2	448
Higher Education	0	0	0	0	155	0	155
Private Non-profit Organizations	0	0	0	0	23	1	24
Foreign	0	0	3	58	1	0	62
Total	92	25	23	509	309	7	965

Provincial GERD 1990 to 1999

Alberta

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1995^r Total sciences							
Federal Government	97	0	1	16	91	1	206
Provincial Governments	0	25	14	10	37	4	90
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	4	408	24	1	437
Higher Education	0	0	0	0	148	0	148
Private Non-profit Organizations	0	0	0	0	28	2	30
Foreign	0	0	3	57	1	0	61
Total	97	25	22	491	329	8	972
1996^r Total sciences							
Federal Government	90	0	1	14	82	1	188
Provincial Governments	0	19	22	10	34	3	88
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	6	426	33	1	467
Higher Education	0	0	0	0	158	0	158
Private Non-profit Organizations	0	0	0	0	22	2	24
Foreign	0	0	5	74	1	0	80
Total	91	19	34	524	330	7	1,005
1997^r Total sciences							
Federal Government	92	0	1	7	89	1	190
Provincial Governments	0	19	17	4	51	4	95
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	5	440	39	4	489
Higher Education	0	0	0	0	153	0	153
Private Non-profit Organizations	0	0	0	0	26	0	26
Foreign	0	0	2	96	1	0	99
Total	93	19	25	547	359	9	1,052
1998^r Total sciences							
Federal Government	93	0	2	5	82	0	182
Provincial Governments	0	21	22	2	65	5	115
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	6	424	39	5	475
Higher Education	0	0	0	0	199	0	199
Private Non-profit Organizations	0	0	0	0	24	0	24
Foreign	0	0	2	179	1	0	182
Total	94	21	32	610	410	10	1,177
1999 Total sciences							
Federal Government	107	0	0	4	105	0	216
Provincial Governments	0	26	25	4	84	3	142
Provincial Research Organizations	0	0	3	0	0	0	3
Business Enterprises	1	0	8	294	38	5	346
Higher Education	0	0	0	0	227	0	227
Private Non-profit Organizations	0	0	0	0	29	2	31
Foreign	0	0	3	128	1	0	132
Total	108	26	39	430	484	10	1,097

Provincial GERD 1990 to 1999

British Columbia

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1990^r Total sciences							
Federal Government	95	0	2	49	94	0	240
Provincial Governments	0	19	3	16	17	0	55
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	2	3	272	12	0	289
Higher Education	0	0	0	0	133	0	133
Private Non-profit Organizations	0	0	0	0	17	5	22
Foreign	0	0	0	30	2	1	33
Total	95	21	8	367	275	6	772
1991^r Total sciences							
Federal Government	96	0	1	56	104	1	258
Provincial Governments	0	21	2	12	21	0	56
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	3	2	239	15	1	260
Higher Education	0	0	0	0	144	0	144
Private Non-profit Organizations	0	0	0	0	17	4	21
Foreign	0	0	0	41	2	0	43
Total	96	24	5	348	303	6	782
1992^r Total sciences							
Federal Government	86	0	0	56	109	0	251
Provincial Governments	0	21	0	14	19	0	54
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	3	0	313	18	2	336
Higher Education	0	0	0	0	161	0	161
Private Non-profit Organizations	0	0	0	0	23	5	28
Foreign	0	0	0	44	5	0	49
Total	86	24	0	427	335	7	879
1993^r Total sciences							
Federal Government	88	0	0	55	107	0	250
Provincial Governments	0	27	0	13	19	0	59
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	354	23	1	378
Higher Education	0	0	0	0	144	0	144
Private Non-profit Organizations	0	0	0	0	24	5	29
Foreign	0	0	0	49	6	0	55
Total	88	27	0	471	323	6	915
1994^r Total sciences							
Federal Government	102	0	0	57	110	0	269
Provincial Governments	0	29	0	15	16	0	60
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	0	437	26	1	465
Higher Education	0	0	0	0	158	0	158
Private Non-profit Organizations	0	0	0	0	23	6	29
Foreign	0	0	0	82	3	0	85
Total	103	29	0	591	336	7	1,066

Provincial GERD 1990 to 1999

British Columbia

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1995^r Total sciences							
Federal Government	79	0	0	51	102	0	232
Provincial Governments	0	22	0	10	17	0	49
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	0	451	31	0	483
Higher Education	0	0	0	0	175	0	175
Private Non-profit Organizations	0	0	0	0	28	6	34
Foreign	0	0	0	90	4	0	94
Total	80	22	0	602	357	6	1,067
1996^r Total sciences							
Federal Government	75	0	0	37	93	0	205
Provincial Governments	1	25	0	12	23	0	61
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	0	364	31	0	396
Higher Education	0	0	0	0	176	0	176
Private Non-profit Organizations	0	0	0	0	31	5	36
Foreign	0	0	0	134	1	1	136
Total	77	25	0	547	355	6	1,010
1997^r Total sciences							
Federal Government	81	0	0	30	90	0	201
Provincial Governments	0	28	0	13	26	0	67
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	0	430	36	0	467
Higher Education	0	0	0	0	185	0	185
Private Non-profit Organizations	0	0	0	0	23	5	28
Foreign	0	0	0	100	2	0	102
Total	82	28	0	573	362	5	1,050
1998^r Total sciences							
Federal Government	82	0	0	20	98	0	200
Provincial Governments	1	24	0	9	22	0	56
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	2	0	0	488	32	0	522
Higher Education	0	0	0	0	212	0	212
Private Non-profit Organizations	0	0	0	0	25	5	30
Foreign	0	0	0	85	5	0	90
Total	85	24	0	602	394	5	1,110
1999 Total sciences							
Federal Government	104	0	0	28	107	0	239
Provincial Governments	1	26	0	6	26	0	59
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	0	500	43	0	544
Higher Education	0	0	0	0	233	0	233
Private Non-profit Organizations	0	0	0	0	27	6	33
Foreign	0	0	0	111	5	0	116
Total	106	26	0	645	441	6	1,224

Provincial GERD 1990 to 1999

Yukon, Northwest Territories and Nunavut

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1990^r Total sciences							
Federal Government	1	0	0	0	0	0	1
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	4	0	0	4
Higher Education	0	0	0	0	0	0	0
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	1	0	0	4	0	0	5
1991^r Total sciences							
Federal Government	1	0	0	0	0	0	1
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	0	0	0
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	1	0	0	0	0	0	1
1992^r Total sciences							
Federal Government	1	0	0	0	0	0	1
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	0	0	0
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	1	0	0	0	0	0	1
1993^r Total sciences							
Federal Government	2	0	0	0	0	0	2
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	0	0	0
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	2	0	0	0	0	0	2
1994^r Total sciences							
Federal Government	7	0	0	0	0	0	7
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	3	0	0	3
Higher Education	0	0	0	0	0	0	0
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	7	0	0	3	0	0	10

Provincial GERD 1990 to 1999

Yukon, Northwest Territories and Nunavut

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1995^r Total sciences							
Federal Government	1	0	0	0	0	0	1
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	1	0	0	1
Higher Education	0	0	0	0	0	0	0
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	1	0	0	1	0	0	2
1996^r Total sciences							
Federal Government	5	0	0	0	0	0	5
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	0	0	0
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	5	0	0	0	0	0	5
1997^r Total sciences							
Federal Government	5	0	0	0	0	0	5
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	1	0	0	1
Higher Education	0	0	0	0	0	0	0
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	5	0	0	1	0	0	6
1998^r Total sciences							
Federal Government	4	0	0	0	0	0	4
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	1	0	0	1
Higher Education	0	0	0	0	0	0	0
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	4	0	0	1	0	0	5
1999 Total sciences							
Federal Government	7	0	0	0	0	0	7
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	1	0	0	1
Higher Education	0	0	0	0	0	0	0
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	1	0	0	1
Total	7	0	0	2	0	0	9

**NATURAL SCIENCE GERD, CANADA 1990 TO 2001^e,
AND BY PROVINCE, 1990 to 1999**

National GERD 1990 to 2001^e

Canada

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1990^f Natural sciences							
Federal Government	1,590	1	8	390	687	21	2,697
Provincial Governments	0	176	53	93	226	12	560
Provincial Research Organizations	0	0	1	0	0	0	1
Business Enterprises	0	7	28	3,763	144	10	3,952
Higher Education	0	0	0	0	1,161	0	1,161
Private Non-profit Organizations	0	0	0	0	149	45	194
Foreign	0	0	6	923	12	8	949
Total	1,590	184	96	5,169	2,379	96	9,514
1991^f Natural sciences							
Federal Government	1,612	1	7	417	713	22	2,772
Provincial Governments	0	202	50	114	231	13	610
Provincial Research Organizations	0	0	1	0	0	0	1
Business Enterprises	0	9	26	3,836	219	12	4,102
Higher Education	0	0	0	0	1,258	0	1,258
Private Non-profit Organizations	0	0	0	0	172	49	221
Foreign	0	0	6	988	11	8	1,013
Total	1,612	212	90	5,355	2,604	104	9,977
1992^f Natural sciences							
Federal Government	1,650	1	6	533	731	22	2,943
Provincial Governments	0	179	50	85	235	14	563
Provincial Research Organizations	0	0	1	0	0	0	1
Business Enterprises	5	6	24	4,105	279	24	4,443
Higher Education	0	0	0	0	1,379	0	1,379
Private Non-profit Organizations	0	0	0	0	156	50	206
Foreign	0	0	4	1,019	20	7	1,050
Total	1,655	186	85	5,742	2,800	117	10,585
1993^f Natural sciences							
Federal Government	1,687	1	6	516	763	22	2,995
Provincial Governments	0	169	41	105	250	16	581
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	7	0	22	4,668	300	26	5,023
Higher Education	0	0	0	0	1,367	0	1,367
Private Non-profit Organizations	0	0	0	0	203	51	254
Foreign	0	0	8	1,135	20	8	1,171
Total	1,694	170	77	6,424	2,903	123	11,391
1994^f Natural sciences							
Federal Government	1,684	1	4	467	764	24	2,944
Provincial Governments	0	175	35	99	252	20	581
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	10	0	19	5,535	283	28	5,875
Higher Education	0	0	0	0	1,382	0	1,382
Private Non-profit Organizations	0	0	0	0	216	62	278
Foreign	0	0	5	1,466	21	8	1,500
Total	1,694	176	63	7,567	2,918	142	12,560

National GERD 1990 to 2001^e

Canada

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1995^f Natural sciences							
Federal Government	1,652	1	4	411	748	23	2,839
Provincial Governments	3	167	37	87	258	20	572
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	14	0	22	5,946	283	25	6,290
Higher Education	0	0	0	0	1,440	0	1,440
Private Non-profit Organizations	0	0	0	0	222	65	287
Foreign	0	0	5	1,555	24	9	1,593
Total	1,669	168	68	7,999	2,975	142	13,021
1996^f Natural sciences							
Federal Government	1,633	0	4	293	708	23	2,661
Provincial Governments	4	147	44	102	238	22	557
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	87	0	24	5,963	320	19	6,413
Higher Education	0	0	0	0	1,451	0	1,451
Private Non-profit Organizations	0	0	0	0	260	68	328
Foreign	0	0	7	1,661	37	11	1,716
Total	1,724	147	79	8,019	3,014	143	13,126
1997^f Natural sciences							
Federal Government	1,585	0	4	360	692	26	2,667
Provincial Governments	3	140	30	79	296	22	570
Provincial Research Organizations	0	0	1	0	0	0	1
Business Enterprises	63	0	19	6,592	365	21	7,060
Higher Education	0	0	0	0	1,547	0	1,547
Private Non-profit Organizations	0	0	0	0	268	79	347
Foreign	0	0	4	1,750	40	10	1,804
Total	1,651	140	58	8,781	3,208	158	13,996
1998^f Natural sciences							
Federal Government	1,615	0	3	271	749	29	2,667
Provincial Governments	3	139	34	58	296	23	553
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	49	0	21	6,795	390	25	7,280
Higher Education	0	0	0	0	1,708	0	1,708
Private Non-profit Organizations	0	0	0	0	277	83	360
Foreign	0	0	3	2,499	50	11	2,563
Total	1,667	139	61	9,623	3,470	171	15,131
1999 Natural sciences							
Federal Government	1,729	0	2	307	941	27	3,006
Provincial Governments	4	160	35	60	384	19	662
Provincial Research Organizations	0	0	3	0	0	0	3
Business Enterprises	41	0	19	6,805	436	20	7,321
Higher Education	0	0	0	0	1,994	0	1,994
Private Non-profit Organizations	0	0	0	0	286	88	374
Foreign	0	0	3	2,648	57	12	2,720
Total	1,774	160	62	9,820	4,098	166	16,080

National GERD 1990 to 2001^e

Canada

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
2000^p Natural sciences							
Federal Government	1,774	0	2	337	1,082	28	3,223
Provincial Governments	3	164	40	65	442	20	734
Provincial Research Organizations	0	0	3	0	0	0	3
Business Enterprises	45	0	21	7,527	502	21	8,116
Higher Education	0	0	0	0	2,293	0	2,293
Private Non-profit Organizations	0	0	0	0	328	92	420
Foreign	0	0	4	2,933	65	13	3,015
Total	1,822	164	70	10,862	4,712	174	17,804
2001^e Natural sciences							
Federal Government	1,821	0	2	361	1,244	30	3,458
Provincial Governments	2	165	42	70	508	21	808
Provincial Research Organizations	0	0	3	0	0	0	3
Business Enterprises	44	0	22	8,078	577	22	8,743
Higher Education	0	0	0	0	2,637	0	2,637
Private Non-profit Organizations	0	0	0	0	378	97	475
Foreign	0	0	4	3,147	75	13	3,239
Total	1,867	165	73	11,656	5,419	183	19,363

Provincial GERD 1990 to 1999

Newfoundland

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1990^r Natural sciences							
Federal Government	35	0	0	4	15	0	54
Provincial Governments	0	3	0	0	1	0	4
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	5	1	0	6
Higher Education	0	0	0	0	21	0	21
Private Non-profit Organizations	0	0	0	0	1	0	1
Foreign	0	0	0	1	0	0	1
Total	35	3	0	10	39	0	87
1991^r Natural sciences							
Federal Government	35	0	0	3	14	0	52
Provincial Governments	0	4	0	0	1	0	5
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	5	2	0	7
Higher Education	0	0	0	0	22	0	22
Private Non-profit Organizations	0	0	0	0	1	0	1
Foreign	0	0	0	2	0	0	2
Total	35	4	0	10	40	0	89
1992^r Natural sciences							
Federal Government	35	0	0	3	19	0	57
Provincial Governments	0	4	0	0	1	0	5
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	4	3	0	7
Higher Education	0	0	0	0	21	0	21
Private Non-profit Organizations	0	0	0	0	1	0	1
Foreign	0	0	0	3	0	0	3
Total	35	4	0	10	45	0	94
1993^r Natural sciences							
Federal Government	36	0	0	4	16	0	56
Provincial Governments	0	4	0	0	2	0	6
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	5	4	0	9
Higher Education	0	0	0	0	23	0	23
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	2	0	0	2
Total	36	4	0	11	45	0	96
1994^r Natural sciences							
Federal Government	33	0	0	4	13	0	50
Provincial Governments	0	4	0	0	2	0	6
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	0	6	4	0	11
Higher Education	0	0	0	0	23	0	23
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	2	1	0	3
Total	34	4	0	12	43	0	93

Provincial GERD 1990 to 1999

Newfoundland

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1995^f Natural sciences							
Federal Government	27	0	0	2	12	0	41
Provincial Governments	0	4	0	0	3	0	7
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	0	9	4	0	14
Higher Education	0	0	0	0	24	0	24
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	28	4	0	11	43	0	86
1996^f Natural sciences							
Federal Government	26	0	0	1	13	0	40
Provincial Governments	0	4	0	1	1	0	6
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	13	5	0	18
Higher Education	0	0	0	0	22	0	22
Private Non-profit Organizations	0	0	0	0	1	0	1
Foreign	0	0	0	2	0	0	2
Total	26	4	0	17	42	0	89
1997^f Natural sciences							
Federal Government	22	0	0	1	14	0	37
Provincial Governments	0	4	0	1	0	0	5
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	0	11	7	0	19
Higher Education	0	0	0	0	24	0	24
Private Non-profit Organizations	0	0	0	0	1	0	1
Foreign	0	0	0	1	1	0	2
Total	23	4	0	14	47	0	88
1998^f Natural sciences							
Federal Government	25	0	0	2	15	0	42
Provincial Governments	0	4	0	1	1	0	6
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	0	12	9	0	22
Higher Education	0	0	0	0	31	0	31
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	2	0	0	2
Total	26	4	0	17	56	0	103
1999 Natural sciences							
Federal Government	24	0	0	2	18	0	44
Provincial Governments	0	5	0	0	0	0	5
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	0	13	4	0	18
Higher Education	0	0	0	0	33	0	33
Private Non-profit Organizations	0	0	0	0	1	0	1
Foreign	0	0	0	1	2	0	3
Total	25	5	0	16	58	0	104

Provincial GERD 1990 to 1999

Prince Edward Island

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1990^r Natural sciences							
Federal Government	10	0	0	0	1	0	11
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	2	0	0	2
Higher Education	0	0	0	0	2	0	2
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	10	0	0	2	3	0	15
1991^r Natural sciences							
Federal Government	10	0	0	1	1	0	12
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	1	0	0	1
Higher Education	0	0	0	0	2	0	2
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	10	0	0	2	3	0	15
1992^r Natural sciences							
Federal Government	9	0	0	0	1	0	10
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	1	0	0	1
Higher Education	0	0	0	0	2	0	2
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	9	0	0	1	3	0	13
1993^r Natural sciences							
Federal Government	11	0	0	0	1	0	12
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	2	0	0	2
Higher Education	0	0	0	0	2	0	2
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	11	0	0	2	3	0	16
1994^r Natural sciences							
Federal Government	11	0	0	0	1	0	12
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	2	0	0	2
Higher Education	0	0	0	0	2	0	2
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	11	0	0	2	3	0	16

Provincial GERD 1990 to 1999

Prince Edward Island

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1995^f Natural sciences							
Federal Government	9	0	0	1	1	0	11
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	2	1	0	3
Higher Education	0	0	0	0	1	0	1
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	9	0	0	3	3	0	15
1996^f Natural sciences							
Federal Government	9	0	0	1	1	0	11
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	2	0	0	2
Higher Education	0	0	0	0	2	0	2
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	9	0	0	3	3	0	15
1997^f Natural sciences							
Federal Government	9	0	0	1	1	0	11
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	2	0	0	2
Higher Education	0	0	0	0	3	0	3
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	9	0	0	3	4	0	16
1998^f Natural sciences							
Federal Government	10	0	0	0	1	0	11
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	2	1	0	3
Higher Education	0	0	0	0	6	0	6
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	10	0	0	2	8	0	20
1999 Natural sciences							
Federal Government	12	0	0	0	1	0	13
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	3	0	0	3
Higher Education	0	0	0	0	6	0	6
Private Non-profit Organizations	0	0	0	0	1	0	1
Foreign	0	0	0	0	0	0	0
Total	12	0	0	3	8	0	23

Provincial GERD 1990 to 1999

Nova Scotia

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1990^r Natural sciences							
Federal Government	81	0	0	8	37	0	126
Provincial Governments	0	5	1	1	4	0	11
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	18	5	0	23
Higher Education	0	0	0	0	46	0	46
Private Non-profit Organizations	0	0	0	0	2	1	3
Foreign	0	0	0	3	0	0	3
Total	81	5	1	30	94	1	212
1991^r Natural sciences							
Federal Government	81	0	0	9	38	0	128
Provincial Governments	0	3	1	0	5	0	9
Provincial Research Organizations	0	0	1	0	0	0	1
Business Enterprises	0	0	0	13	5	0	18
Higher Education	0	0	0	0	49	0	49
Private Non-profit Organizations	0	0	0	0	4	1	5
Foreign	0	0	0	4	0	0	4
Total	81	3	2	26	101	1	214
1992^r Natural sciences							
Federal Government	73	0	0	11	34	0	118
Provincial Governments	0	4	1	0	3	0	8
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	17	8	0	25
Higher Education	0	0	0	0	48	0	48
Private Non-profit Organizations	0	0	0	0	1	1	2
Foreign	0	0	0	5	0	0	5
Total	73	4	1	33	94	1	206
1993^r Natural sciences							
Federal Government	75	0	0	9	30	0	114
Provincial Governments	0	5	1	1	3	0	10
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	28	7	0	35
Higher Education	0	0	0	0	49	0	49
Private Non-profit Organizations	0	0	0	0	4	1	5
Foreign	0	0	0	6	1	0	7
Total	75	5	1	44	94	1	220
1994^r Natural sciences							
Federal Government	83	0	0	10	29	0	122
Provincial Governments	0	5	1	1	2	0	9
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	0	45	7	0	53
Higher Education	0	0	0	0	47	0	47
Private Non-profit Organizations	0	0	0	0	4	1	5
Foreign	0	0	0	5	0	0	5
Total	84	5	1	61	89	1	241

Provincial GERD 1990 to 1999

Nova Scotia

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1995^f Natural sciences							
Federal Government	75	0	0	6	26	0	107
Provincial Governments	0	5	1	1	2	0	9
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	0	48	8	0	57
Higher Education	0	0	0	0	53	0	53
Private Non-profit Organizations	0	0	0	0	4	1	5
Foreign	0	0	0	9	1	0	10
Total	76	5	1	64	94	1	241
1996^f Natural sciences							
Federal Government	78	0	0	5	24	0	107
Provincial Governments	0	5	1	1	2	0	9
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	0	40	9	0	50
Higher Education	0	0	0	0	53	0	53
Private Non-profit Organizations	0	0	0	0	2	1	3
Foreign	0	0	0	8	6	0	14
Total	79	5	1	54	96	1	236
1997^f Natural sciences							
Federal Government	69	0	0	7	26	0	102
Provincial Governments	0	5	1	2	4	0	12
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	1	28	8	0	38
Higher Education	0	0	0	0	55	0	55
Private Non-profit Organizations	0	0	0	0	3	1	4
Foreign	0	0	0	17	7	0	24
Total	70	5	2	54	103	1	235
1998^f Natural sciences							
Federal Government	76	0	0	8	25	0	109
Provincial Governments	0	5	1	1	4	0	11
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	1	35	8	0	45
Higher Education	0	0	0	0	74	0	74
Private Non-profit Organizations	0	0	0	0	4	1	5
Foreign	0	0	0	19	8	0	27
Total	77	5	2	63	123	1	271
1999 Natural sciences							
Federal Government	71	0	0	3	32	0	106
Provincial Governments	0	6	1	1	6	0	14
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	0	28	24	0	53
Higher Education	0	0	0	0	88	0	88
Private Non-profit Organizations	0	0	0	0	5	2	7
Foreign	0	0	0	20	7	0	27
Total	72	6	1	52	162	2	295

Provincial GERD 1990 to 1999

New Brunswick

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1990^r Natural sciences							
Federal Government	36	0	1	6	10	0	53
Provincial Governments	0	2	0	1	3	0	6
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	1	39	3	0	43
Higher Education	0	0	0	0	16	0	16
Private Non-profit Organizations	0	0	0	0	1	1	2
Foreign	0	0	0	0	0	0	0
Total	36	2	2	46	33	1	120
1991^r Natural sciences							
Federal Government	37	0	0	5	10	0	52
Provincial Governments	0	2	0	1	3	0	6
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	1	24	4	0	29
Higher Education	0	0	0	0	18	0	18
Private Non-profit Organizations	0	0	0	0	2	1	3
Foreign	0	0	0	0	0	0	0
Total	37	2	1	30	37	1	108
1992^r Natural sciences							
Federal Government	36	0	0	5	10	1	52
Provincial Governments	0	2	0	1	2	0	5
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	1	23	5	0	29
Higher Education	0	0	0	0	20	0	20
Private Non-profit Organizations	0	0	0	0	3	0	3
Foreign	0	0	0	0	0	0	0
Total	36	2	1	29	40	1	109
1993^r Natural sciences							
Federal Government	33	0	0	17	10	1	61
Provincial Governments	0	2	0	0	3	0	5
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	24	3	0	27
Higher Education	0	0	0	0	20	0	20
Private Non-profit Organizations	0	0	0	0	3	0	3
Foreign	0	0	0	0	0	0	0
Total	33	2	0	41	39	1	116
1994^r Natural sciences							
Federal Government	28	0	0	18	11	0	57
Provincial Governments	0	2	0	1	3	0	6
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	30	5	0	35
Higher Education	0	0	0	0	18	0	18
Private Non-profit Organizations	0	0	0	0	3	1	4
Foreign	0	0	0	0	0	0	0
Total	28	2	0	49	40	1	120

Provincial GERD 1990 to 1999

New Brunswick

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1995^f Natural sciences							
Federal Government	29	0	0	17	11	0	57
Provincial Governments	0	2	0	3	3	0	8
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	32	4	0	36
Higher Education	0	0	0	0	20	0	20
Private Non-profit Organizations	0	0	0	0	3	1	4
Foreign	0	0	0	0	1	0	1
Total	29	2	0	52	42	1	126
1996^f Natural sciences							
Federal Government	31	0	0	1	9	0	41
Provincial Governments	0	2	0	3	3	0	8
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	55	4	1	60
Higher Education	0	0	0	0	21	0	21
Private Non-profit Organizations	0	0	0	0	5	0	5
Foreign	0	0	0	0	1	0	1
Total	31	2	0	59	43	1	136
1997^f Natural sciences							
Federal Government	28	0	0	2	9	0	39
Provincial Governments	0	2	1	1	2	0	6
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	1	34	6	0	41
Higher Education	0	0	0	0	22	0	22
Private Non-profit Organizations	0	0	0	0	4	1	5
Foreign	0	0	0	0	2	0	2
Total	28	2	2	37	45	1	115
1998^f Natural sciences							
Federal Government	31	0	0	1	10	0	42
Provincial Governments	0	2	1	1	3	0	7
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	1	36	6	0	43
Higher Education	0	0	0	0	30	0	30
Private Non-profit Organizations	0	0	0	0	5	1	6
Foreign	0	0	0	1	1	0	2
Total	31	2	2	39	55	1	130
1999 Natural sciences							
Federal Government	32	0	0	1	13	0	46
Provincial Governments	0	2	1	1	3	0	7
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	1	33	5	0	39
Higher Education	0	0	0	0	34	0	34
Private Non-profit Organizations	0	0	0	0	5	1	6
Foreign	0	0	0	1	1	0	2
Total	32	2	2	36	61	1	134

Provincial GERD 1990 to 1999

Québec

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1990^r Natural sciences							
Federal Government	214	0	1	121	179	4	519
Provincial Governments	0	46	12	24	69	2	153
Provincial Research Organizations	0	0	1	0	0	0	1
Business Enterprises	0	1	5	1,142	45	1	1,194
Higher Education	0	0	0	0	353	0	353
Private Non-profit Organizations	0	0	0	0	41	3	44
Foreign	0	0	0	128	3	1	132
Total	214	47	19	1,415	690	11	2,396
1991^r Natural sciences							
Federal Government	216	0	1	135	180	4	536
Provincial Governments	0	49	12	32	67	3	163
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	1	6	1,220	119	2	1,348
Higher Education	0	0	0	0	415	0	415
Private Non-profit Organizations	0	0	0	0	50	6	56
Foreign	0	0	0	133	4	1	138
Total	216	50	19	1,520	835	16	2,656
1992^r Natural sciences							
Federal Government	233	0	1	180	187	5	606
Provincial Governments	0	48	13	30	76	2	169
Provincial Research Organizations	0	0	1	0	0	0	1
Business Enterprises	0	1	5	1,271	155	8	1,440
Higher Education	0	0	0	0	494	0	494
Private Non-profit Organizations	0	0	0	0	38	5	43
Foreign	0	0	0	163	8	0	171
Total	233	49	20	1,644	958	20	2,924
1993^r Natural sciences							
Federal Government	249	0	1	172	204	5	631
Provincial Governments	0	46	11	30	89	2	178
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	5	1,445	125	8	1,583
Higher Education	0	0	0	0	479	0	479
Private Non-profit Organizations	0	0	0	0	46	5	51
Foreign	0	0	0	155	9	0	164
Total	249	46	17	1,802	952	20	3,086
1994^r Natural sciences							
Federal Government	224	0	0	133	204	3	564
Provincial Governments	0	43	11	32	89	4	179
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	5	1,701	94	9	1,810
Higher Education	0	0	0	0	474	0	474
Private Non-profit Organizations	0	0	0	0	49	11	60
Foreign	0	0	0	190	9	1	200
Total	225	43	16	2,056	919	28	3,287

Provincial GERD 1990 to 1999

Québec

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1995^f Natural sciences							
Federal Government	215	0	1	135	199	3	553
Provincial Governments	1	39	15	37	94	5	191
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	8	1,899	88	5	2,001
Higher Education	0	0	0	0	454	0	454
Private Non-profit Organizations	0	0	0	0	50	10	60
Foreign	0	0	0	206	9	2	217
Total	217	39	24	2,277	894	25	3,476
1996^f Natural sciences							
Federal Government	222	0	1	102	192	4	521
Provincial Governments	1	39	13	34	82	6	175
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	9	2,045	83	5	2,143
Higher Education	0	0	0	0	462	0	462
Private Non-profit Organizations	0	0	0	0	59	11	70
Foreign	0	0	0	218	12	1	231
Total	224	39	23	2,399	890	27	3,602
1997^f Natural sciences							
Federal Government	207	0	1	139	175	7	529
Provincial Governments	1	38	5	23	94	5	166
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	2	0	5	2,118	97	6	2,228
Higher Education	0	0	0	0	519	0	519
Private Non-profit Organizations	0	0	0	0	58	13	71
Foreign	0	0	0	254	17	1	272
Total	210	38	11	2,534	960	32	3,785
1998^f Natural sciences							
Federal Government	224	0	1	69	214	6	514
Provincial Governments	0	36	6	29	89	5	165
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	2	0	10	2,368	104	6	2,490
Higher Education	0	0	0	0	486	0	486
Private Non-profit Organizations	0	0	0	0	71	13	84
Foreign	0	0	0	335	20	2	357
Total	226	36	17	2,801	984	32	4,096
1999 Natural sciences							
Federal Government	246	0	1	90	287	7	631
Provincial Governments	1	32	5	23	117	5	183
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	2	0	7	2,487	125	6	2,627
Higher Education	0	0	0	0	586	0	586
Private Non-profit Organizations	0	0	0	0	75	13	88
Foreign	0	0	0	387	16	4	407
Total	249	32	13	2,987	1,206	35	4,522

Provincial GERD 1990 to 1999

Ontario

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1990^f Natural sciences							
Federal Government	246	1	1	178	248	15	689
Provincial Governments	0	73	3	21	94	9	200
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	1	8	1,914	59	9	1,991
Higher Education	0	0	0	0	453	0	453
Private Non-profit Organizations	0	0	0	0	62	32	94
Foreign	0	0	3	729	4	6	742
Total	246	75	15	2,842	920	71	4,169
1991^f Natural sciences							
Federal Government	249	1	1	179	259	15	704
Provincial Governments	0	93	3	19	96	9	220
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	1	6	1,990	56	8	2,061
Higher Education	0	0	0	0	465	0	465
Private Non-profit Organizations	0	0	0	0	68	34	102
Foreign	0	0	4	764	2	6	776
Total	249	95	14	2,952	946	72	4,328
1992^f Natural sciences							
Federal Government	271	1	2	248	271	13	806
Provincial Governments	0	69	4	21	98	10	202
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	1	8	2,094	65	14	2,182
Higher Education	0	0	0	0	491	0	491
Private Non-profit Organizations	0	0	0	0	63	36	99
Foreign	0	0	0	760	5	6	771
Total	271	71	14	3,123	993	79	4,551
1993^f Natural sciences							
Federal Government	273	1	2	232	292	13	813
Provincial Governments	0	56	4	44	100	10	214
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	6	2,359	108	14	2,487
Higher Education	0	0	0	0	510	0	510
Private Non-profit Organizations	0	0	0	0	97	36	133
Foreign	0	0	2	872	1	7	882
Total	273	57	14	3,507	1,108	80	5,039
1994^f Natural sciences							
Federal Government	251	1	1	214	287	17	771
Provincial Governments	0	64	4	32	106	10	216
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	4	2,747	115	15	2,882
Higher Education	0	0	0	0	510	0	510
Private Non-profit Organizations	0	0	0	0	107	38	145
Foreign	0	0	2	1,119	5	7	1,133
Total	252	65	11	4,112	1,130	87	5,657

Provincial GERD 1990 to 1999

Ontario

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1995^f Natural sciences							
Federal Government	255	1	1	169	286	17	729
Provincial Governments	1	66	2	20	99	7	195
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	4	2,957	113	18	3,093
Higher Education	0	0	0	0	568	0	568
Private Non-profit Organizations	0	0	0	0	103	41	144
Foreign	0	0	2	1,182	6	7	1,197
Total	257	67	9	4,328	1,175	90	5,926
1996^f Natural sciences							
Federal Government	297	0	1	120	273	16	707
Provincial Governments	1	49	2	36	91	9	188
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	62	0	5	2,894	144	11	3,116
Higher Education	0	0	0	0	565	0	565
Private Non-profit Organizations	0	0	0	0	134	43	177
Foreign	0	0	2	1,215	13	9	1,239
Total	360	49	10	4,265	1,220	88	5,992
1997^f Natural sciences							
Federal Government	267	0	1	167	269	15	719
Provincial Governments	1	41	2	32	114	9	199
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	37	0	4	3,375	158	10	3,584
Higher Education	0	0	0	0	603	0	603
Private Non-profit Organizations	0	0	0	0	142	55	197
Foreign	0	0	2	1,271	7	9	1,289
Total	305	41	9	4,845	1,293	98	6,591
1998^f Natural sciences							
Federal Government	248	0	0	160	288	16	712
Provincial Governments	1	43	0	12	109	9	174
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	27	0	0	3,292	179	13	3,511
Higher Education	0	0	0	0	673	0	673
Private Non-profit Organizations	0	0	0	0	141	59	200
Foreign	0	0	0	1,853	13	9	1,875
Total	276	43	0	5,317	1,403	106	7,145
1999 Natural sciences							
Federal Government	300	0	0	172	341	14	827
Provincial Governments	1	59	0	21	142	6	229
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	21	0	0	3,296	186	8	3,511
Higher Education	0	0	0	0	780	0	780
Private Non-profit Organizations	0	0	0	0	138	57	195
Foreign	0	0	0	1,955	23	7	1,985
Total	322	59	0	5,444	1,610	92	7,527

Provincial GERD 1990 to 1999

Manitoba

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1990^r Natural sciences							
Federal Government	94	0	0	6	26	2	128
Provincial Governments	0	1	1	2	5	1	10
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	1	38	2	0	41
Higher Education	0	0	0	0	42	0	42
Private Non-profit Organizations	0	0	0	0	10	3	13
Foreign	0	0	0	3	2	0	5
Total	94	1	2	49	87	6	239
1991^r Natural sciences							
Federal Government	95	0	0	7	26	2	130
Provincial Governments	0	1	1	4	4	1	11
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	1	41	3	1	46
Higher Education	0	0	0	0	43	0	43
Private Non-profit Organizations	0	0	0	0	11	3	14
Foreign	0	0	0	12	2	1	15
Total	95	1	2	64	89	8	259
1992^r Natural sciences							
Federal Government	81	0	0	7	25	3	116
Provincial Governments	0	1	1	2	6	2	12
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	1	51	3	0	55
Higher Education	0	0	0	0	45	0	45
Private Non-profit Organizations	0	0	0	0	11	3	14
Foreign	0	0	0	12	1	1	14
Total	81	1	2	72	91	9	256
1993^r Natural sciences							
Federal Government	83	0	0	7	25	3	118
Provincial Governments	0	1	1	1	5	1	9
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	1	72	4	1	78
Higher Education	0	0	0	0	42	0	42
Private Non-profit Organizations	0	0	0	0	10	3	13
Foreign	0	0	0	10	1	1	12
Total	83	1	2	90	87	9	272
1994^r Natural sciences							
Federal Government	80	0	0	8	26	3	117
Provincial Governments	0	1	1	2	4	3	11
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	1	84	4	1	90
Higher Education	0	0	0	0	45	0	45
Private Non-profit Organizations	0	0	0	0	10	4	14
Foreign	0	0	0	8	2	0	10
Total	80	1	2	102	91	11	287

Provincial GERD 1990 to 1999

Manitoba

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1995^f Natural sciences							
Federal Government	73	0	0	8	24	2	107
Provincial Governments	0	1	1	4	4	4	14
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	1	80	4	1	87
Higher Education	0	0	0	0	44	0	44
Private Non-profit Organizations	0	0	0	0	11	4	15
Foreign	0	0	0	4	2	0	6
Total	74	1	2	96	89	11	273
1996^f Natural sciences							
Federal Government	70	0	0	8	23	2	103
Provincial Governments	0	1	0	4	4	4	13
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	5	0	0	77	4	1	87
Higher Education	0	0	0	0	43	0	43
Private Non-profit Organizations	0	0	0	0	11	6	17
Foreign	0	0	0	4	2	0	6
Total	75	1	0	93	87	13	269
1997^f Natural sciences							
Federal Government	54	0	0	2	25	3	84
Provincial Governments	0	1	0	1	6	4	12
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	3	0	0	83	8	1	95
Higher Education	0	0	0	0	29	0	29
Private Non-profit Organizations	0	0	0	0	14	4	18
Foreign	0	0	0	3	2	0	5
Total	57	1	0	89	84	12	243
1998^f Natural sciences							
Federal Government	47	0	0	2	21	7	77
Provincial Governments	0	1	0	1	7	4	13
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	2	0	0	90	6	1	99
Higher Education	0	0	0	0	51	0	51
Private Non-profit Organizations	0	0	0	0	11	4	15
Foreign	0	0	0	3	1	0	4
Total	49	1	0	96	97	16	259
1999 Natural sciences							
Federal Government	56	0	0	3	29	6	94
Provincial Governments	0	1	0	1	12	5	19
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	2	0	0	98	4	1	105
Higher Education	0	0	0	0	60	0	60
Private Non-profit Organizations	0	0	0	0	11	7	18
Foreign	0	0	0	32	1	1	34
Total	58	1	0	134	117	20	330

Provincial GERD 1990 to 1999

Saskatchewan

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1990^r Natural sciences							
Federal Government	50	0	1	4	22	0	77
Provincial Governments	0	4	3	2	10	0	19
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	3	38	3	0	44
Higher Education	0	0	0	0	36	0	36
Private Non-profit Organizations	0	0	0	0	3	0	3
Foreign	0	0	0	3	0	0	3
Total	50	4	7	47	74	0	182
1991^r Natural sciences							
Federal Government	51	0	1	6	24	0	82
Provincial Governments	0	4	2	1	9	0	16
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	3	43	3	0	49
Higher Education	0	0	0	0	40	0	40
Private Non-profit Organizations	0	0	0	0	4	0	4
Foreign	0	0	0	4	0	0	4
Total	51	4	6	54	80	0	195
1992^r Natural sciences							
Federal Government	56	0	1	7	22	0	86
Provincial Governments	0	4	2	1	9	0	16
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	3	54	5	0	62
Higher Education	0	0	0	0	41	0	41
Private Non-profit Organizations	0	0	0	0	4	0	4
Foreign	0	0	0	4	1	0	5
Total	56	4	6	66	82	0	214
1993^r Natural sciences							
Federal Government	54	0	1	6	24	0	85
Provincial Governments	0	3	3	1	9	0	16
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	5	50	6	0	61
Higher Education	0	0	0	0	40	0	40
Private Non-profit Organizations	0	0	0	0	5	0	5
Foreign	0	0	1	3	1	0	5
Total	54	3	10	60	85	0	212
1994^r Natural sciences							
Federal Government	46	0	2	6	23	0	77
Provincial Governments	0	3	3	3	8	0	17
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	5	59	7	0	71
Higher Education	0	0	0	0	42	0	42
Private Non-profit Organizations	0	0	0	0	6	0	6
Foreign	0	0	0	2	0	0	2
Total	46	3	10	70	86	0	215

Provincial GERD 1990 to 1999

Saskatchewan

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1995^f Natural sciences							
Federal Government	50	0	1	6	20	0	77
Provincial Governments	0	4	4	2	10	0	20
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	5	59	7	0	71
Higher Education	0	0	0	0	47	0	47
Private Non-profit Organizations	0	0	0	0	6	0	6
Foreign	0	0	0	7	0	0	7
Total	50	4	10	74	90	0	228
1996^f Natural sciences							
Federal Government	44	0	1	4	21	0	70
Provincial Governments	0	3	6	1	9	0	19
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	4	47	8	0	60
Higher Education	0	0	0	0	45	0	45
Private Non-profit Organizations	0	0	0	0	6	0	6
Foreign	0	0	0	6	1	0	7
Total	45	3	11	58	90	0	207
1997^f Natural sciences							
Federal Government	70	0	1	4	16	0	91
Provincial Governments	0	3	4	2	14	0	23
Provincial Research Organizations	0	0	1	0	0	0	1
Business Enterprises	1	0	3	70	8	0	82
Higher Education	0	0	0	0	47	0	47
Private Non-profit Organizations	0	0	0	0	6	0	6
Foreign	0	0	0	8	1	0	9
Total	71	3	9	84	92	0	259
1998^f Natural sciences							
Federal Government	54	0	0	4	17	0	75
Provincial Governments	0	3	4	2	13	0	22
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	3	47	8	0	58
Higher Education	0	0	0	0	61	0	61
Private Non-profit Organizations	0	0	0	0	6	0	6
Foreign	0	0	1	22	1	0	24
Total	54	3	8	75	106	0	246
1999 Natural sciences							
Federal Government	59	0	1	4	35	0	99
Provincial Governments	0	3	3	3	16	0	25
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	3	52	9	0	65
Higher Education	0	0	0	0	72	0	72
Private Non-profit Organizations	0	0	0	0	6	0	6
Foreign	0	0	0	12	1	0	13
Total	60	3	7	71	139	0	280

Provincial GERD 1990 to 1999

Alberta

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1990^f Natural sciences							
Federal Government	77	0	2	14	63	0	156
Provincial Governments	0	24	30	26	26	0	106
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	3	7	291	14	0	315
Higher Education	0	0	0	0	100	0	100
Private Non-profit Organizations	0	0	0	0	16	0	16
Foreign	0	0	3	26	1	0	30
Total	77	27	42	357	220	0	723
1991^f Natural sciences							
Federal Government	78	0	3	16	65	0	162
Provincial Governments	0	25	29	45	29	0	128
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	4	7	260	13	0	284
Higher Education	0	0	0	0	105	0	105
Private Non-profit Organizations	0	0	0	0	18	0	18
Foreign	0	0	2	28	1	0	31
Total	78	29	41	349	231	0	728
1992^f Natural sciences							
Federal Government	78	0	2	16	65	0	161
Provincial Governments	0	27	29	16	25	0	97
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	1	6	277	17	0	301
Higher Education	0	0	0	0	110	0	110
Private Non-profit Organizations	0	0	0	0	17	0	17
Foreign	0	0	4	28	0	0	32
Total	78	28	41	337	234	0	718
1993^f Natural sciences							
Federal Government	75	0	2	14	66	0	157
Provincial Governments	0	26	21	15	24	3	89
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	5	329	20	2	356
Higher Education	0	0	0	0	106	0	106
Private Non-profit Organizations	0	0	0	0	19	1	20
Foreign	0	0	5	38	1	0	44
Total	75	26	33	396	236	6	772
1994^f Natural sciences							
Federal Government	92	0	1	17	72	1	183
Provincial Governments	0	25	15	13	25	3	81
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	4	421	21	2	448
Higher Education	0	0	0	0	113	0	113
Private Non-profit Organizations	0	0	0	0	19	1	20
Foreign	0	0	3	58	1	0	62
Total	92	25	23	509	251	7	907

Provincial GERD 1990 to 1999

Alberta

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1995^f Natural sciences							
Federal Government	97	0	1	16	80	1	195
Provincial Governments	0	25	14	10	29	4	82
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	4	408	24	1	437
Higher Education	0	0	0	0	107	0	107
Private Non-profit Organizations	0	0	0	0	23	2	25
Foreign	0	0	3	57	1	0	61
Total	97	25	22	491	264	8	907
1996^f Natural sciences							
Federal Government	90	0	1	14	72	1	178
Provincial Governments	0	19	22	10	27	3	81
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	6	426	33	1	467
Higher Education	0	0	0	0	118	0	118
Private Non-profit Organizations	0	0	0	0	18	2	20
Foreign	0	0	5	74	1	0	80
Total	91	19	34	524	269	7	944
1997^f Natural sciences							
Federal Government	92	0	1	7	79	1	180
Provincial Governments	0	19	17	4	41	4	85
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	5	440	38	4	488
Higher Education	0	0	0	0	116	0	116
Private Non-profit Organizations	0	0	0	0	22	0	22
Foreign	0	0	2	96	1	0	99
Total	93	19	25	547	297	9	990
1998^f Natural sciences							
Federal Government	93	0	2	5	73	0	173
Provincial Governments	0	21	22	2	52	5	102
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	6	424	38	5	474
Higher Education	0	0	0	0	154	0	154
Private Non-profit Organizations	0	0	0	0	20	0	20
Foreign	0	0	2	179	1	0	182
Total	94	21	32	610	338	10	1,105
1999 Natural sciences							
Federal Government	107	0	0	4	93	0	204
Provincial Governments	0	26	25	4	67	3	125
Provincial Research Organizations	0	0	3	0	0	0	3
Business Enterprises	1	0	8	294	37	5	345
Higher Education	0	0	0	0	176	0	176
Private Non-profit Organizations	0	0	0	0	24	2	26
Foreign	0	0	3	128	1	0	132
Total	108	26	39	430	398	10	1,011

Provincial GERD 1990 to 1999

British Columbia

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1990^f Natural sciences							
Federal Government	95	0	2	49	86	0	232
Provincial Governments	0	18	3	16	14	0	51
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	2	3	272	12	0	289
Higher Education	0	0	0	0	92	0	92
Private Non-profit Organizations	0	0	0	0	13	5	18
Foreign	0	0	0	30	2	1	33
Total	95	20	8	367	219	6	715
1991^f Natural sciences							
Federal Government	96	0	1	56	96	1	250
Provincial Governments	0	21	2	12	17	0	52
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	3	2	239	14	1	259
Higher Education	0	0	0	0	99	0	99
Private Non-profit Organizations	0	0	0	0	14	4	18
Foreign	0	0	0	41	2	0	43
Total	96	24	5	348	242	6	721
1992^f Natural sciences							
Federal Government	86	0	0	56	97	0	239
Provincial Governments	0	20	0	14	15	0	49
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	3	0	313	18	2	336
Higher Education	0	0	0	0	107	0	107
Private Non-profit Organizations	0	0	0	0	18	5	23
Foreign	0	0	0	44	5	0	49
Total	86	23	0	427	260	7	803
1993^f Natural sciences							
Federal Government	88	0	0	55	95	0	238
Provincial Governments	0	26	0	13	15	0	54
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	354	23	1	378
Higher Education	0	0	0	0	96	0	96
Private Non-profit Organizations	0	0	0	0	19	5	24
Foreign	0	0	0	49	6	0	55
Total	88	26	0	471	254	6	845
1994^f Natural sciences							
Federal Government	102	0	0	57	98	0	257
Provincial Governments	0	28	0	15	13	0	56
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	0	437	26	1	465
Higher Education	0	0	0	0	108	0	108
Private Non-profit Organizations	0	0	0	0	18	6	24
Foreign	0	0	0	82	3	0	85
Total	103	28	0	591	266	7	995

Provincial GERD 1990 to 1999

British Columbia

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1995^f Natural sciences							
Federal Government	79	0	0	51	89	0	219
Provincial Governments	0	21	0	10	14	0	45
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	0	451	30	0	482
Higher Education	0	0	0	0	122	0	122
Private Non-profit Organizations	0	0	0	0	22	6	28
Foreign	0	0	0	90	4	0	94
Total	80	21	0	602	281	6	990
1996^f Natural sciences							
Federal Government	75	0	0	37	80	0	192
Provincial Governments	1	25	0	12	19	0	57
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	0	364	30	0	395
Higher Education	0	0	0	0	120	0	120
Private Non-profit Organizations	0	0	0	0	24	5	29
Foreign	0	0	0	134	1	1	136
Total	77	25	0	547	274	6	929
1997^f Natural sciences							
Federal Government	81	0	0	30	78	0	189
Provincial Governments	0	27	0	13	21	0	61
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	0	430	35	0	466
Higher Education	0	0	0	0	129	0	129
Private Non-profit Organizations	0	0	0	0	18	5	23
Foreign	0	0	0	100	2	0	102
Total	82	27	0	573	283	5	970
1998^f Natural sciences							
Federal Government	82	0	0	20	85	0	187
Provincial Governments	1	24	0	9	18	0	52
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	2	0	0	488	31	0	521
Higher Education	0	0	0	0	142	0	142
Private Non-profit Organizations	0	0	0	0	19	5	24
Foreign	0	0	0	85	5	0	90
Total	85	24	0	602	300	5	1,016
1999 Natural sciences							
Federal Government	104	0	0	28	92	0	224
Provincial Governments	1	26	0	6	21	0	54
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	0	500	42	0	543
Higher Education	0	0	0	0	159	0	159
Private Non-profit Organizations	0	0	0	0	20	6	26
Foreign	0	0	0	111	5	0	116
Total	106	26	0	645	339	6	1,122

Provincial GERD 1990 to 1999

Yukon, Northwest Territories and Nunavut

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1990^r Natural sciences							
Federal Government	1	0	0	0	0	0	1
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	4	0	0	4
Higher Education	0	0	0	0	0	0	0
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	1	0	0	4	0	0	5
1991^r Natural sciences							
Federal Government	1	0	0	0	0	0	1
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	0	0	0
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	1	0	0	0	0	0	1
1992^r Natural sciences							
Federal Government	1	0	0	0	0	0	1
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	0	0	0
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	1	0	0	0	0	0	1
1993^r Natural sciences							
Federal Government	2	0	0	0	0	0	2
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	0	0	0
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	2	0	0	0	0	0	2
1994^r Natural sciences							
Federal Government	7	0	0	0	0	0	7
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	3	0	0	3
Higher Education	0	0	0	0	0	0	0
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	7	0	0	3	0	0	10

Provincial GERD 1990 to 1999

Yukon, Northwest Territories and Nunavut

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1995^f Natural sciences							
Federal Government	1	0	0	0	0	0	1
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	1	0	0	1
Higher Education	0	0	0	0	0	0	0
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	1	0	0	1	0	0	2
1996^f Natural sciences							
Federal Government	5	0	0	0	0	0	5
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	0	0	0
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	5	0	0	0	0	0	5
1997^f Natural sciences							
Federal Government	5	0	0	0	0	0	5
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	1	0	0	1
Higher Education	0	0	0	0	0	0	0
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	5	0	0	1	0	0	6
1998^p Natural sciences							
Federal Government	4	0	0	0	0	0	4
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	1	0	0	1
Higher Education	0	0	0	0	0	0	0
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	4	0	0	1	0	0	5
1999 Natural sciences							
Federal Government	7	0	0	0	0	0	7
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	1	0	0	1
Higher Education	0	0	0	0	0	0	0
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	1	0	0	1
Total	7	0	0	2	0	0	9

**SOCIAL SCIENCE GERD, CANADA 1990 TO 2001^e,
AND BY PROVINCE, 1990 to 1999**

National GERD 1990 to 2001^e

Canada

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1990^f Social sciences							
Federal Government	64	0	0	0	96	2	162
Provincial Governments	0	22	0	0	57	1	80
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	7	1	8
Higher Education	0	0	0	0	457	0	457
Private Non-profit Organizations	0	0	0	0	37	2	39
Foreign	0	0	0	0	0	0	0
Total	64	22	0	0	654	6	746
1991^f Social sciences							
Federal Government	73	0	0	0	100	1	174
Provincial Governments	0	26	0	0	58	1	85
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	10	1	11
Higher Education	0	0	0	0	477	0	477
Private Non-profit Organizations	0	0	0	0	43	3	46
Foreign	0	0	0	0	0	0	0
Total	73	26	0	0	688	6	793
1992^f Social sciences							
Federal Government	61	0	0	0	118	1	180
Provincial Governments	0	22	0	0	59	1	82
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	14	1	15
Higher Education	0	0	0	0	507	0	507
Private Non-profit Organizations	0	0	0	0	40	3	43
Foreign	0	0	0	0	0	0	0
Total	61	22	0	0	738	6	827
1993^f Social sciences							
Federal Government	63	0	0	0	109	1	173
Provincial Governments	0	22	0	0	63	1	86
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	14	1	15
Higher Education	0	0	0	0	499	0	499
Private Non-profit Organizations	0	0	0	0	45	3	48
Foreign	0	0	0	0	0	0	0
Total	63	22	0	0	730	6	821
1994^f Social sciences							
Federal Government	60	0	0	0	106	2	168
Provincial Governments	0	21	0	0	63	1	85
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	13	1	14
Higher Education	0	0	0	0	500	0	500
Private Non-profit Organizations	0	0	0	0	43	4	47
Foreign	0	0	0	0	0	1	1
Total	60	21	0	0	725	9	815

National GERD 1990 to 2001^e

Canada

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1995^f Social sciences							
Federal Government	58	0	0	0	107	2	167
Provincial Governments	0	18	0	0	65	1	84
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	14	2	16
Higher Education	0	0	0	0	495	0	495
Private Non-profit Organizations	0	0	0	0	44	5	49
Foreign	0	0	0	0	0	1	1
Total	58	18	0	0	725	11	812
1996^f Social sciences							
Federal Government	68	0	0	0	101	2	171
Provincial Governments	0	16	0	0	60	1	77
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	15	2	17
Higher Education	0	0	0	0	476	0	476
Private Non-profit Organizations	0	0	0	0	53	5	58
Foreign	0	0	0	0	0	1	1
Total	68	16	0	0	705	11	800
1997^f Social sciences							
Federal Government	69	0	0	0	101	2	172
Provincial Governments	0	16	0	0	74	1	91
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	16	1	17
Higher Education	0	0	0	0	485	0	485
Private Non-profit Organizations	0	0	0	0	56	6	62
Foreign	0	0	0	0	0	1	1
Total	69	16	0	0	732	11	828
1998^f Social sciences							
Federal Government	76	0	0	0	112	2	190
Provincial Governments	0	16	0	0	74	1	91
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	18	1	19
Higher Education	0	0	0	0	639	0	639
Private Non-profit Organizations	0	0	0	0	57	5	62
Foreign	0	0	0	0	0	1	1
Total	76	16	0	0	900	10	1,002
1999 Social sciences							
Federal Government	85	0	0	0	141	1	227
Provincial Governments	0	13	0	0	96	1	110
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	20	1	21
Higher Education	0	0	0	0	735	0	735
Private Non-profit Organizations	0	0	0	0	64	6	70
Foreign	0	0	0	0	0	0	0
Total	85	13	0	0	1,056	9	1,163

National GERD 1990 to 2001^e

Canada

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	

in millions of dollars

2000^p Social sciences

Federal Government	86	0	0	0	163	2	251
Provincial Governments	0	15	0	0	110	1	126
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	23	1	24
Higher Education	0	0	0	0	845	0	845
Private Non-profit Organizations	0	0	0	0	73	6	79
Foreign	0	0	0	0	0	0	0
Total	86	15	0	0	1,214	10	1,325

2001^e Social sciences

Federal Government	86	0	0	0	187	1	274
Provincial Governments	0	16	0	0	127	1	144
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	26	1	27
Higher Education	0	0	0	0	972	0	972
Private Non-profit Organizations	0	0	0	0	84	6	90
Foreign	0	0	0	0	0	1	1
Total	86	16	0	0	1,396	10	1,508

Provincial GERD 1990 to 1999

Newfoundland

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1990^r Social sciences							
Federal Government	0	0	0	0	2	0	2
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	11	0	11
Private Non-profit Organizations	0	0	0	0	3	0	3
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	16	0	16
1991^r Social sciences							
Federal Government	0	0	0	0	2	0	2
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	12	0	12
Private Non-profit Organizations	0	0	0	0	3	0	3
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	17	0	17
1992^r Social sciences							
Federal Government	0	0	0	0	5	0	5
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	10	0	10
Private Non-profit Organizations	0	0	0	0	1	0	1
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	16	0	16
1993^r Social sciences							
Federal Government	0	0	0	0	3	0	3
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	11	0	11
Private Non-profit Organizations	0	0	0	0	1	0	1
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	15	0	15
1994^r Social sciences							
Federal Government	0	0	0	0	3	0	3
Provincial Governments	0	0	0	0	1	0	1
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	11	0	11
Private Non-profit Organizations	0	0	0	0	1	0	1
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	16	0	16

Provincial GERD 1990 to 1999

Newfoundland

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1995^f Social sciences							
Federal Government	0	0	0	0	2	0	2
Provincial Governments	0	0	0	0	1	0	1
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	11	0	11
Private Non-profit Organizations	0	0	0	0	1	0	1
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	15	0	15
1996^f Social sciences							
Federal Government	0	0	0	0	3	0	3
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	11	0	11
Private Non-profit Organizations	0	0	0	0	1	0	1
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	15	0	15
1997^f Social sciences							
Federal Government	0	0	0	0	3	0	3
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	11	0	11
Private Non-profit Organizations	0	0	0	0	1	0	1
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	15	0	15
1998^f Social sciences							
Federal Government	0	0	0	0	3	0	3
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	13	0	13
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	16	0	16
1999 Social sciences							
Federal Government	0	0	0	0	4	0	4
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	16	0	16
Private Non-profit Organizations	0	0	0	0	1	0	1
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	21	0	21

Provincial GERD 1990 to 1999

Prince Edward Island

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1990^r Social sciences							
Federal Government	0	0	0	0	0	0	0
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	1	0	1
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	1	0	1
1991^r Social sciences							
Federal Government	0	0	0	0	0	0	0
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	1	0	1
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	1	0	1
1992^r Social sciences							
Federal Government	0	0	0	0	0	0	0
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	1	0	1
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	1	0	1
1993^r Social sciences							
Federal Government	0	0	0	0	0	0	0
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	1	0	1
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	1	0	1
1994^r Social sciences							
Federal Government	0	0	0	0	0	0	0
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	1	0	1
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	1	0	1

Provincial GERD 1990 to 1999

Prince Edward Island

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1995^f Social sciences							
Federal Government	0	0	0	0	0	0	0
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	1	0	1
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	1	0	1
1996^f Social sciences							
Federal Government	0	0	0	0	0	0	0
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	1	0	1
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	1	0	1
1997^f Social sciences							
Federal Government	0	0	0	0	0	0	0
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	1	0	1
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	1	0	1
1998^f Social sciences							
Federal Government	0	0	0	0	0	0	0
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	3	0	3
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	3	0	3
1999 Social sciences							
Federal Government	0	0	0	0	0	0	0
Provincial Governments	0	0	0	0	0	0	0
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	3	0	3
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	3	0	3

Provincial GERD 1990 to 1999

Nova Scotia

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1990^r Social sciences							
Federal Government	0	0	0	0	7	0	7
Provincial Governments	0	0	0	0	1	0	1
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	16	0	16
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	24	0	24
1991^r Social sciences							
Federal Government	0	0	0	0	7	0	7
Provincial Governments	0	0	0	0	1	0	1
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	17	0	17
Private Non-profit Organizations	0	0	0	0	1	0	1
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	26	0	26
1992^r Social sciences							
Federal Government	0	0	0	0	7	0	7
Provincial Governments	0	0	0	0	1	0	1
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	18	0	18
Private Non-profit Organizations	0	0	0	0	1	0	1
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	27	0	27
1993^r Social sciences							
Federal Government	0	0	0	0	6	0	6
Provincial Governments	0	0	0	0	1	0	1
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	18	0	18
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	25	0	25
1994^r Social sciences							
Federal Government	0	0	0	0	5	0	5
Provincial Governments	0	0	0	0	1	0	1
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	1	0	1
Higher Education	0	0	0	0	17	0	17
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	24	0	24

Provincial GERD 1990 to 1999

Nova Scotia

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1995^f Social sciences							
Federal Government	0	0	0	0	5	0	5
Provincial Governments	0	0	0	0	1	0	1
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	17	0	17
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	23	0	23
1996^f Social sciences							
Federal Government	0	0	0	0	4	0	4
Provincial Governments	0	0	0	0	1	0	1
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	16	0	16
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	21	0	21
1997^f Social sciences							
Federal Government	0	0	0	0	5	0	5
Provincial Governments	0	0	0	0	1	0	1
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	16	0	16
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	22	0	22
1998^f Social sciences							
Federal Government	0	0	0	0	4	0	4
Provincial Governments	0	0	0	0	1	0	1
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	36	0	36
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	41	0	41
1999 Social sciences							
Federal Government	0	0	0	0	6	0	6
Provincial Governments	0	0	0	0	2	0	2
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	40	0	40
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	48	0	48

Provincial GERD 1990 to 1999

New Brunswick

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1990^r Social sciences							
Federal Government	0	0	0	0	2	1	3
Provincial Governments	0	0	0	0	1	0	1
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	10	0	10
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	13	1	14
1991^r Social sciences							
Federal Government	0	0	0	0	2	0	2
Provincial Governments	0	0	0	0	1	0	1
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	10	0	10
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	13	0	13
1992^r Social sciences							
Federal Government	0	0	0	0	2	0	2
Provincial Governments	0	0	0	0	1	0	1
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	10	0	10
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	13	0	13
1993^r Social sciences							
Federal Government	0	0	0	0	2	0	2
Provincial Governments	0	0	0	0	1	0	1
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	11	0	11
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	14	0	14
1994^r Social sciences							
Federal Government	0	0	0	0	3	0	3
Provincial Governments	0	0	0	0	1	0	1
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	10	0	10
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	14	0	14

Provincial GERD 1990 to 1999

New Brunswick

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1995^f Social sciences							
Federal Government	0	0	0	0	3	0	3
Provincial Governments	0	0	0	0	1	0	1
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	10	0	10
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	14	0	14
1996^f Social sciences							
Federal Government	0	0	0	0	2	0	2
Provincial Governments	0	0	0	0	1	0	1
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	10	0	10
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	13	0	13
1997^f Social sciences							
Federal Government	0	0	0	0	2	0	2
Provincial Governments	0	0	0	0	1	0	1
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	10	0	10
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	13	0	13
1998^f Social sciences							
Federal Government	0	0	0	0	2	0	2
Provincial Governments	0	0	0	0	1	0	1
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	22	0	22
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	25	0	25
1999 Social sciences							
Federal Government	0	0	0	0	3	0	3
Provincial Governments	0	0	0	0	1	0	1
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	24	0	24
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	28	0	28

Provincial GERD 1990 to 1999

Québec

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1990^r Social sciences							
Federal Government	1	0	0	0	30	0	31
Provincial Governments	0	9	0	0	17	0	26
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	3	0	3
Higher Education	0	0	0	0	128	0	128
Private Non-profit Organizations	0	0	0	0	10	0	10
Foreign	0	0	0	0	0	0	0
Total	1	9	0	0	188	0	198
1991^r Social sciences							
Federal Government	1	0	0	0	31	0	32
Provincial Governments	0	9	0	0	17	0	26
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	6	0	6
Higher Education	0	0	0	0	133	0	133
Private Non-profit Organizations	0	0	0	0	12	1	13
Foreign	0	0	0	0	0	0	0
Total	1	9	0	0	199	1	210
1992^r Social sciences							
Federal Government	1	0	0	0	31	0	32
Provincial Governments	0	7	0	0	19	0	26
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	10	0	10
Higher Education	0	0	0	0	142	0	142
Private Non-profit Organizations	0	0	0	0	10	0	10
Foreign	0	0	0	0	0	0	0
Total	1	7	0	0	212	0	220
1993^r Social sciences							
Federal Government	1	0	0	0	32	0	33
Provincial Governments	0	8	0	0	22	0	30
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	8	0	8
Higher Education	0	0	0	0	143	0	143
Private Non-profit Organizations	0	0	0	0	12	0	12
Foreign	0	0	0	0	0	0	0
Total	1	8	0	0	217	0	226
1994^r Social sciences							
Federal Government	1	0	0	0	31	0	32
Provincial Governments	0	9	0	0	22	0	31
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	6	0	6
Higher Education	0	0	0	0	146	0	146
Private Non-profit Organizations	0	0	0	0	12	0	12
Foreign	0	0	0	0	0	0	0
Total	1	9	0	0	217	0	227

Provincial GERD 1990 to 1999

Québec

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1995^f Social sciences							
Federal Government	1	0	0	0	29	0	30
Provincial Governments	0	8	0	0	23	0	31
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	6	0	6
Higher Education	0	0	0	0	142	0	142
Private Non-profit Organizations	0	0	0	0	13	0	13
Foreign	0	0	0	0	0	0	0
Total	1	8	0	0	213	0	222
1996^f Social sciences							
Federal Government	1	0	0	0	27	0	28
Provincial Governments	0	8	0	0	21	0	29
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	6	0	6
Higher Education	0	0	0	0	136	0	136
Private Non-profit Organizations	0	0	0	0	15	0	15
Foreign	0	0	0	0	0	0	0
Total	1	8	0	0	205	0	214
1997^f Social sciences							
Federal Government	1	0	0	0	25	0	26
Provincial Governments	0	9	0	0	23	0	32
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	6	0	6
Higher Education	0	0	0	0	134	0	134
Private Non-profit Organizations	0	0	0	0	16	0	16
Foreign	0	0	0	0	0	0	0
Total	1	9	0	0	204	0	214
1998^f Social sciences							
Federal Government	0	0	0	0	33	0	33
Provincial Governments	0	8	0	0	22	0	30
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	7	0	7
Higher Education	0	0	0	0	158	0	158
Private Non-profit Organizations	0	0	0	0	17	0	17
Foreign	0	0	0	0	0	0	0
Total	0	8	0	0	237	0	245
1999 Social sciences							
Federal Government	1	0	0	0	40	0	41
Provincial Governments	0	9	0	0	29	0	38
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	10	0	10
Higher Education	0	0	0	0	190	0	190
Private Non-profit Organizations	0	0	0	0	21	0	21
Foreign	0	0	0	0	0	0	0
Total	1	9	0	0	290	0	300

Provincial GERD 1990 to 1999

Ontario

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1990^r Social sciences							
Federal Government	3	0	0	0	37	1	41
Provincial Governments	0	11	0	0	24	1	36
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	4	1	5
Higher Education	0	0	0	0	176	0	176
Private Non-profit Organizations	0	0	0	0	15	2	17
Foreign	0	0	0	0	0	0	0
Total	3	11	0	0	256	5	275
1991^r Social sciences							
Federal Government	2	0	0	0	39	1	42
Provincial Governments	0	16	0	0	24	1	41
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	3	1	4
Higher Education	0	0	0	0	181	0	181
Private Non-profit Organizations	0	0	0	0	18	2	20
Foreign	0	0	0	0	0	0	0
Total	2	16	0	0	265	5	288
1992^r Social sciences							
Federal Government	3	0	0	0	49	1	53
Provincial Governments	0	13	0	0	25	1	39
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	4	1	5
Higher Education	0	0	0	0	193	0	193
Private Non-profit Organizations	0	0	0	0	17	3	20
Foreign	0	0	0	0	0	0	0
Total	3	13	0	0	288	6	310
1993^r Social sciences							
Federal Government	3	0	0	0	42	1	46
Provincial Governments	0	12	0	0	25	1	38
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	6	1	7
Higher Education	0	0	0	0	189	0	189
Private Non-profit Organizations	0	0	0	0	21	3	24
Foreign	0	0	0	0	0	0	0
Total	3	12	0	0	283	6	304
1994^r Social sciences							
Federal Government	2	0	0	0	40	2	44
Provincial Governments	0	11	0	0	26	1	38
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	6	1	7
Higher Education	0	0	0	0	188	0	188
Private Non-profit Organizations	0	0	0	0	19	4	23
Foreign	0	0	0	0	0	1	1
Total	2	11	0	0	279	9	301

Provincial GERD 1990 to 1999

Ontario

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1995^f Social sciences							
Federal Government	2	0	0	0	38	2	42
Provincial Governments	0	9	0	0	25	1	35
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	7	2	9
Higher Education	0	0	0	0	182	0	182
Private Non-profit Organizations	0	0	0	0	17	5	22
Foreign	0	0	0	0	0	1	1
Total	2	9	0	0	269	11	291
1996^f Social sciences							
Federal Government	0	0	0	0	36	2	38
Provincial Governments	0	8	0	0	23	1	32
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	8	2	10
Higher Education	0	0	0	0	170	0	170
Private Non-profit Organizations	0	0	0	0	23	5	28
Foreign	0	0	0	0	0	1	1
Total	0	8	0	0	260	11	279
1997^f Social sciences							
Federal Government	0	0	0	0	39	2	41
Provincial Governments	0	6	0	0	28	1	35
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	8	1	9
Higher Education	0	0	0	0	183	0	183
Private Non-profit Organizations	0	0	0	0	27	6	33
Foreign	0	0	0	0	0	1	1
Total	0	6	0	0	285	11	302
1998^f Social sciences							
Federal Government	0	0	0	0	42	2	44
Provincial Governments	0	8	0	0	27	1	36
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	9	1	10
Higher Education	0	0	0	0	239	0	239
Private Non-profit Organizations	0	0	0	0	28	5	33
Foreign	0	0	0	0	0	1	1
Total	0	8	0	0	345	10	363
1999 Social sciences							
Federal Government	0	0	0	0	52	1	53
Provincial Governments	0	4	0	0	35	1	40
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	8	1	9
Higher Education	0	0	0	0	279	0	279
Private Non-profit Organizations	0	0	0	0	27	6	33
Foreign	0	0	0	0	0	0	0
Total	0	4	0	0	401	9	414

Provincial GERD 1990 to 1999

Manitoba

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1990^r Social sciences							
Federal Government	0	0	0	0	3	0	3
Provincial Governments	0	0	0	0	1	0	1
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	18	0	18
Private Non-profit Organizations	0	0	0	0	2	0	2
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	24	0	24
1991^r Social sciences							
Federal Government	0	0	0	0	3	0	3
Provincial Governments	0	0	0	0	1	0	1
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	19	0	19
Private Non-profit Organizations	0	0	0	0	2	0	2
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	25	0	25
1992^r Social sciences							
Federal Government	0	0	0	0	3	0	3
Provincial Governments	0	0	0	0	1	0	1
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	19	0	19
Private Non-profit Organizations	0	0	0	0	2	0	2
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	25	0	25
1993^r Social sciences							
Federal Government	0	0	0	0	3	0	3
Provincial Governments	0	0	0	0	1	0	1
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	18	0	18
Private Non-profit Organizations	0	0	0	0	2	0	2
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	24	0	24
1994^r Social sciences							
Federal Government	0	0	0	0	3	0	3
Provincial Governments	0	0	0	0	1	0	1
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	18	0	18
Private Non-profit Organizations	0	0	0	0	2	0	2
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	24	0	24

Provincial GERD 1990 to 1999

Manitoba

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1995^f Social sciences							
Federal Government	0	0	0	0	3	0	3
Provincial Governments	0	0	0	0	1	0	1
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	19	0	19
Private Non-profit Organizations	0	0	0	0	2	0	2
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	25	0	25
1996^f Social sciences							
Federal Government	0	0	0	0	3	0	3
Provincial Governments	0	0	0	0	1	0	1
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	18	0	18
Private Non-profit Organizations	0	0	0	0	2	0	2
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	24	0	24
1997^f Social sciences							
Federal Government	0	0	0	0	3	0	3
Provincial Governments	0	0	0	0	2	0	2
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	16	0	16
Private Non-profit Organizations	0	0	0	0	3	0	3
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	24	0	24
1998^f Social sciences							
Federal Government	0	0	0	0	4	0	4
Provincial Governments	0	0	0	0	2	0	2
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	26	0	26
Private Non-profit Organizations	0	0	0	0	2	0	2
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	34	0	34
1999 Social sciences							
Federal Government	0	0	0	0	5	0	5
Provincial Governments	0	0	0	0	3	0	3
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	29	0	29
Private Non-profit Organizations	0	0	0	0	3	0	3
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	40	0	40

Provincial GERD 1990 to 1999

Saskatchewan

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1990^r Social sciences							
Federal Government	0	0	0	0	1	0	1
Provincial Governments	0	0	0	0	3	0	3
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	15	0	15
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	19	0	19
1991^r Social sciences							
Federal Government	0	0	0	0	2	0	2
Provincial Governments	0	0	0	0	3	0	3
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	16	0	16
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	21	0	21
1992^r Social sciences							
Federal Government	0	0	0	0	3	0	3
Provincial Governments	0	0	0	0	2	0	2
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	16	0	16
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	21	0	21
1993^r Social sciences							
Federal Government	0	0	0	0	2	0	2
Provincial Governments	0	0	0	0	3	0	3
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	16	0	16
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	21	0	21
1994^r Social sciences							
Federal Government	0	0	0	0	3	0	3
Provincial Governments	0	0	0	0	2	0	2
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	17	0	17
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	22	0	22

Provincial GERD 1990 to 1999

Saskatchewan

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1995^f Social sciences							
Federal Government	0	0	0	0	3	0	3
Provincial Governments	0	0	0	0	2	0	2
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	19	0	19
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	24	0	24
1996^f Social sciences							
Federal Government	0	0	0	0	3	0	3
Provincial Governments	0	0	0	0	2	0	2
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	18	0	18
Private Non-profit Organizations	0	0	0	0	1	0	1
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	24	0	24
1997^f Social sciences							
Federal Government	0	0	0	0	2	0	2
Provincial Governments	0	0	0	0	4	0	4
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	21	0	21
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	27	0	27
1998^f Social sciences							
Federal Government	0	0	0	0	2	0	2
Provincial Governments	0	0	0	0	4	0	4
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	27	0	27
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	33	0	33
1999 Social sciences							
Federal Government	0	0	0	0	4	0	4
Provincial Governments	0	0	0	0	4	0	4
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	29	0	29
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	37	0	37

Provincial GERD 1990 to 1999

Alberta

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1990^r Social sciences							
Federal Government	0	0	0	0	6	0	6
Provincial Governments	0	1	0	0	7	0	8
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	41	0	41
Private Non-profit Organizations	0	0	0	0	3	0	3
Foreign	0	0	0	0	0	0	0
Total	0	1	0	0	57	0	58
1991^r Social sciences							
Federal Government	0	0	0	0	6	0	6
Provincial Governments	0	1	0	0	7	0	8
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	43	0	43
Private Non-profit Organizations	0	0	0	0	4	0	4
Foreign	0	0	0	0	0	0	0
Total	0	1	0	0	60	0	61
1992^r Social sciences							
Federal Government	0	0	0	0	6	0	6
Provincial Governments	0	1	0	0	6	0	7
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	44	0	44
Private Non-profit Organizations	0	0	0	0	4	0	4
Foreign	0	0	0	0	0	0	0
Total	0	1	0	0	60	0	61
1993^r Social sciences							
Federal Government	0	0	0	0	7	0	7
Provincial Governments	0	1	0	0	6	0	7
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	44	0	44
Private Non-profit Organizations	0	0	0	0	4	0	4
Foreign	0	0	0	0	0	0	0
Total	0	1	0	0	61	0	62
1994^r Social sciences							
Federal Government	0	0	0	0	6	0	6
Provincial Governments	0	0	0	0	6	0	6
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	42	0	42
Private Non-profit Organizations	0	0	0	0	4	0	4
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	58	0	58

Provincial GERD 1990 to 1999

Alberta

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1995^f Social sciences							
Federal Government	0	0	0	0	11	0	11
Provincial Governments	0	0	0	0	8	0	8
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	41	0	41
Private Non-profit Organizations	0	0	0	0	5	0	5
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	65	0	65
1996^f Social sciences							
Federal Government	0	0	0	0	10	0	10
Provincial Governments	0	0	0	0	7	0	7
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	40	0	40
Private Non-profit Organizations	0	0	0	0	4	0	4
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	61	0	61
1997^f Social sciences							
Federal Government	0	0	0	0	10	0	10
Provincial Governments	0	0	0	0	10	0	10
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	1	0	1
Higher Education	0	0	0	0	37	0	37
Private Non-profit Organizations	0	0	0	0	4	0	4
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	62	0	62
1998^f Social sciences							
Federal Government	0	0	0	0	9	0	9
Provincial Governments	0	0	0	0	13	0	13
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	1	0	1
Higher Education	0	0	0	0	45	0	45
Private Non-profit Organizations	0	0	0	0	4	0	4
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	72	0	72
1999 Social sciences							
Federal Government	0	0	0	0	12	0	12
Provincial Governments	0	0	0	0	17	0	17
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	1	0	1
Higher Education	0	0	0	0	51	0	51
Private Non-profit Organizations	0	0	0	0	5	0	5
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	86	0	86

Provincial GERD 1990 to 1999

British Columbia

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1990^r Social sciences							
Federal Government	0	0	0	0	8	0	8
Provincial Governments	0	1	0	0	3	0	4
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	41	0	41
Private Non-profit Organizations	0	0	0	0	4	0	4
Foreign	0	0	0	0	0	0	0
Total	0	1	0	0	56	0	57
1991^r Social sciences							
Federal Government	0	0	0	0	8	0	8
Provincial Governments	0	0	0	0	4	0	4
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	1	0	1
Higher Education	0	0	0	0	45	0	45
Private Non-profit Organizations	0	0	0	0	3	0	3
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	61	0	61
1992^r Social sciences							
Federal Government	0	0	0	0	12	0	12
Provincial Governments	0	1	0	0	4	0	5
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	54	0	54
Private Non-profit Organizations	0	0	0	0	5	0	5
Foreign	0	0	0	0	0	0	0
Total	0	1	0	0	75	0	76
1993^r Social sciences							
Federal Government	0	0	0	0	12	0	12
Provincial Governments	0	1	0	0	4	0	5
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	48	0	48
Private Non-profit Organizations	0	0	0	0	5	0	5
Foreign	0	0	0	0	0	0	0
Total	0	1	0	0	69	0	70
1994^r Social sciences							
Federal Government	0	0	0	0	12	0	12
Provincial Governments	0	1	0	0	3	0	4
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	0	0	0
Higher Education	0	0	0	0	50	0	50
Private Non-profit Organizations	0	0	0	0	5	0	5
Foreign	0	0	0	0	0	0	0
Total	0	1	0	0	70	0	71

Provincial GERD 1990 to 1999

British Columbia

Funding Sector	Performing Sector						Total
	Federal Government	Provincial Governments	Provincial Research Organizations	Business Enterprise	Higher Education	Private Non-Profit Organizations	
in millions of dollars							
1995^f Social sciences							
Federal Government	0	0	0	0	13	0	13
Provincial Governments	0	1	0	0	3	0	4
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	1	0	1
Higher Education	0	0	0	0	53	0	53
Private Non-profit Organizations	0	0	0	0	6	0	6
Foreign	0	0	0	0	0	0	0
Total	0	1	0	0	76	0	77
1996^f Social sciences							
Federal Government	0	0	0	0	13	0	13
Provincial Governments	0	0	0	0	4	0	4
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	1	0	1
Higher Education	0	0	0	0	56	0	56
Private Non-profit Organizations	0	0	0	0	7	0	7
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	81	0	81
1997^f Social sciences							
Federal Government	0	0	0	0	12	0	12
Provincial Governments	0	1	0	0	5	0	6
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	1	0	1
Higher Education	0	0	0	0	56	0	56
Private Non-profit Organizations	0	0	0	0	5	0	5
Foreign	0	0	0	0	0	0	0
Total	0	1	0	0	79	0	80
1998^f Social sciences							
Federal Government	0	0	0	0	13	0	13
Provincial Governments	0	0	0	0	4	0	4
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	1	0	1
Higher Education	0	0	0	0	70	0	70
Private Non-profit Organizations	0	0	0	0	6	0	6
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	94	0	94
1999 Social sciences							
Federal Government	0	0	0	0	15	0	15
Provincial Governments	0	0	0	0	5	0	5
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	1	0	1
Higher Education	0	0	0	0	74	0	74
Private Non-profit Organizations	0	0	0	0	7	0	7
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	102	0	102

STATISTICAL PUBLICATIONS

How to Order Publications

Statistics Canada catalogued publications may be purchased from local authorized agents, other community bookstores, and Statistics Canada Regional Reference Centre or from:

Statistics Canada
Dissemination Division
Circulation Management,
120 Parkdale Avenue,
Ottawa, Ontario
K1A 0T6

Telephone: 1(613) 951-7277
National (toll free order line): 1-800-700-1033
Fax number: 1(613) 951-1584 or 1-800-889-9734
Toronto: Credit Card only (416) 973-8018
Internet: order@statcan.ca
[Http://www.statcan.ca/english/IPS/Data/88-001-XIB.htm](http://www.statcan.ca/english/IPS/Data/88-001-XIB.htm)

CATALOGUED PUBLICATIONS

Statistical Publication

- 88-202-XIB Industrial Research and Development, 2001 Intentions (with 2000 preliminary estimates and 1999 actual expenditures)
- 88-204-XIB Federal Scientific Activities, 2000-2001^e (annual)
- 88-001-XIB Science Statistics (monthly)

Volume 24

- No. 1 Federal Government Personnel Engaged in Scientific and Technological (S&T) Activities, 1990-91 to 1999-2000^e
- No. 2 Biotechnology Research and Development (R&D) in Canadian Industry, 1997
- No. 3 Industrial Research and Development, 1996 to 2000
- No. 4 The Provincial Research Organizations, 1998
- No. 5 Federal Government Expenditures on Scientific Activities, 2000-2001^e
- No. 6 Total Spending on Research and Development in Canada, 1989 to 2000^e, and Provinces, 1989 to 1998
- No. 7 Estimation of Research and Development Expenditures in the Higher Education Sector, 1998-1999
- No. 8 Research and Development (R&D) Expenditures of Private Non-Profit (PNP) Organizations, 1999

Volume 25

- No. 1 Distribution of Federal Expenditures on Science and Technology, by Province and Territories, 1998-99
- No. 2 Estimates of Total Spending on Research and Development in the Health Field in Canada, 1988 to 2000^e
- No. 3 Biotechnology Scientific Activities in Selected Federal Government Departments and Agencies, 1999-2000
- No. 4 Biotechnology Research and Development (R&D) in Canadian Industry, 1998
- No. 5 Research and Development (R&D) Personnel in Canada, 1990 to 1999^e
- No. 6 Industrial Research and Development, 1997 to 2001

- No. 7 Estimation of Research and Development Expenditures in the Higher Education Sector, 1999-2000
No. 8 Total Spending on Research and Development in Canada, 1990 to 2001^e, and Provinces, 1990 to 1999

WORKING PAPERS

These working papers are available from the Science and Innovation Surveys Section, please contact :

Science and Innovation Surveys Section
Science, Innovation and Electronic Information Division
Statistics Canada
Ottawa, Ontario
K1A 0T6

Tel : (613) 951-6347

WORKING PAPERS - 2000

- ST-00-01 Survey of Intellectual Property Commercialization in the Higher Education Sector, 1999, April 2000
ST-00-02 Federal Government Expenditures and Personnel in the Natural and Social Sciences, 1990-91 to 1999-2000^e, June 2000
ST-00-03 A Framework for Enhanced Estimations of Higher Education and Health R&D Expenditures, by Mireille Brochu, July 2000
ST-00-04 Information and Communications Technologies and Electronic Commerce in Canadian Industry, November 2000

WORKING PAPERS - 2001

- ST-01-01E Estimates of Canadian Research and Development Expenditures (GERD), Canada, 1989 to 2000^e, and by Province 1989 to 1998, February 2001
ST-01-02E Estimation of Research and Development Expenditures in the Higher Education Sector, 1998-99, February 2001
ST-01-03E Innovation, Advanced Technologies and Practices in the Construction and Related Industries: Provincial Estimates, January 2001
ST-01-04E Innovation, Advanced Technologies and Practices in the Construction and Related Industries: National Estimates, February 2001
ST-01-05E Provincial Distribution of Federal Expenditures and Personnel on Science and Technology, 1990-91 to 1998-99, February 2001
ST-01-06E Estimates of Total Expenditures on Research and Development in the Health Field in Canada, 1988 to 2000^e, April 2001
ST-01-07E Biotechnology Use and Development – 1999, March 2001
ST-01-08E Federal Government Expenditures and Personnel in the Natural and Social Sciences, 1991-92 to 2000-2001^e, April 2001
ST-01-09E Estimates on Research and Development Personnel in Canada, 1979 to 1999^e, June 2001
ST-01-10E Innovation, in Canadian Manufacturing: National Estimates, June 2001
ST-01-11E Practices and Activities of Canadian Biotechnology Firms: Results from the Biotechnology Use and Development Survey 1999, August 2001
ST-01-12E Canadian Biotechnology Industrial Activities: Features from the 1997 Biotechnology Survey, September 2001
ST-01-13E Innovation, in Canadian Manufacturing: Provincial Estimates, 1999, September 2001

RESEARCH PAPERS

- No. 1 The State of Science and Technology Indicators in the OECD Countries, by Benoit Godin, August 1996
- No. 2 Knowledge as a Capacity for Action, by Nico Stehr, June 1996
- No. 3 Linking Outcomes for Workers to Changes in Workplace Practices: An Experimental Canadian Workplace and Employee Survey, by Garnett Picot and Ted Wannell, June 1996
- No. 4 Are the Costs and Benefits of Health Research Measurable? by M.B. Wilk, February 1997
- No. 5 Technology and Economic Growth: A Survey, by Peter Hanel and Jorge Niosi, April 1998
- No. 6 Diffusion of Biotechnologies in Canada, by Anthony Arundel, February 1999
- No. 7 Barriers to Innovation in Services Industries in Canada, by Pierre Mohnen and Julio Rosa, November 1999
- No. 8 Explaining Rapid Growth in Canadian Biotechnology Firms, by Jorge Niosi, August 2000
- No. 9 Internationally Comparable Indicators on Biotechnology: A Stocktaking, a Proposal for Work and Supporting Material, by W. Pattinson, B. Van Beuzekom and A. Wyckoff, January 2001
- No. 10 Analysis of the Survey on Innovation, Advanced Technologies and Practices in the Construction and Related Industries, 1999, by George Seaden, Michael Guolla, Jérôme Doutriaux and John Nash, January 2001
- No. 11 Capacity to Innovate, Innovation and Impact: The Canadian Engineering Services Industry, by Daood Hamdani, March 2001