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Estimates of Canadian Research and Development Expenditures (GERD), Canada, 1989 to 2000^e, and by Province 1989 to 1998



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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 1989 to 2000 as well as the Provincial GERD from 1989 to 1998. 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 1988, or at the provincial level from 1979 to 1988, 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). In 1997, HERD values included R&D expenditures of \$343 million in hospitals not previously identified. This year, the formula used to estimate HERD values was also amended. Details on this new formula will be published in the HERD Service Bulletin together with the related Working Paper in December 2000. More improvements to HERD are expected in future years as investigations into the estimation procedures continue.

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). In 1997, HERD values included R&D expenditures of \$343 million in hospitals not previously identified. This year, the formula used to estimate HERD values was also amended.

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, 1998-99** will be released early in 2001.

Report on **Federal Government Expenditures and Personnel on Activities in the Natural and Social Sciences 1991-92 to 2000-2001^e** will be released early in 2001. This is a detailed report on financial and human resources allocated to S&T within the federal government.

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¹ **Ibid.**, p. 51

**TOTAL CANADIAN GERD, 1989 TO 2000^e,
AND BY PROVINCE, 1989 to 1998**

National GERD 1989 to 2000^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							
1989^f Total sciences							
Federal Government	1,533	0	7	416	669	21	2,646
Provincial Governments	0	188	47	69	286	9	599
Provincial Research Organizations	0	0	2	0	0	0	2
Business Enterprises	0	0	24	3,475	140	6	3,645
Higher Education	0	0	0	0	1,572	0	1,572
Private Non-profit Organizations	0	0	0	0	166	44	210
Foreign	0	0	5	819	12	9	845
Total	1,533	188	85	4,779	2,845	89	9,519
1990^f Total sciences							
Federal Government	1,654	1	8	391	783	22	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	152	11	3,961
Higher Education	0	0	0	0	1,618	0	1,618
Private Non-profit Organizations	0	0	0	0	185	48	233
Foreign	0	0	7	922	12	8	949
Total	1,654	206	97	5,169	3,033	102	10,261
1991^f Total sciences							
Federal Government	1,671	1	7	417	813	22	2,931
Provincial Governments	0	228	50	113	289	15	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	989	11	8	1,014
Total	1,671	238	90	5,355	3,292	110	10,756
1992^f Total sciences							
Federal Government	1,698	1	6	535	848	23	3,111
Provincial Governments	0	202	50	83	294	15	644
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	1,887	0	1,887
Private Non-profit Organizations	0	0	0	0	196	53	249
Foreign	0	0	5	1,019	20	7	1,051
Total	1,703	209	86	5,742	3,538	123	11,401
1993^f Total sciences							
Federal Government	1,737	1	6	516	873	23	3,156
Provincial Governments	0	191	41	118	313	17	680
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	7	0	22	4,656	314	27	5,026
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	1,134	20	9	1,171
Total	1,744	192	77	6,424	3,634	130	12,201

National GERD 1989 to 2000^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							
1994^f Total sciences							
Federal Government	1,731	1	4	467	869	26	3,098
Provincial Governments	0	196	35	118	315	20	684
Provincial Research Organizations	0	0	1	0	0	0	1
Business Enterprises	10	0	19	5,520	296	30	5,875
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	10	1,502
Total	1,741	197	64	7,571	3,642	152	13,367
1995^f Total sciences							
Federal Government	1,698	1	4	411	855	25	2,994
Provincial Governments	3	185	37	110	323	21	679
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	14	0	22	5,937	297	27	6,297
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	11	1,595
Total	1,715	186	68	8,013	3,700	154	13,836
1996^f Total sciences							
Federal Government	1,748	0	4	293	809	25	2,879
Provincial Governments	4	163	43	111	298	23	642
Provincial Research Organizations	0	0	1	0	0	0	1
Business Enterprises	22	0	24	5,977	336	21	6,380
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	36	12	1,716
Total	1,774	163	79	8,042	3,719	154	13,931
1997^f Total sciences							
Federal Government	1,674	0	3	362	793	27	2,859
Provincial Governments	3	156	30	131	370	23	713
Provincial Research Organizations	0	0	1	0	0	0	1
Business Enterprises	28	0	19	6,468	381	22	6,918
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	5	1,748	40	11	1,804
Total	1,705	156	58	8,709	3,940	168	14,736
1998^f Total sciences							
Federal Government	1,702	0	3	273	861	31	2,870
Provincial Governments	3	156	34	57	370	24	644
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	23	0	21	6,303	408	26	6,781
Higher Education	0	0	0	0	1,940	0	1,940
Private Non-profit Organizations	0	0	0	0	334	89	423
Foreign	0	0	3	2,478	50	12	2,543
Total	1,728	156	61	9,111	3,963	182	15,201

National GERD 1989 to 2000^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							
1999^p Total sciences							
Federal Government	1,722	0	4	280	1,038	33	3,077
Provincial Governments	4	145	38	58	381	25	651
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	23	0	21	6,476	440	27	6,987
Higher Education	0	0	0	0	1,934	0	1,934
Private Non-profit Organizations	0	0	0	0	344	93	437
Foreign	0	0	3	2,547	54	13	2,617
Total	1,749	145	66	9,361	4,191	191	15,703
2000^e Total sciences							
Federal Government	1,754	0	4	296	1,247	34	3,335
Provincial Governments	4	145	38	62	389	26	664
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	24	0	21	6,849	475	29	7,398
Higher Education	0	0	0	0	1,937	0	1,937
Private Non-profit Organizations	0	0	0	0	353	97	450
Foreign	0	0	3	2,693	60	14	2,770
Total	1,782	145	66	9,900	4,461	200	16,554

Provincial GERD 1989 to 1998

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							
1989^f Total sciences							
Federal Government	32	0	0	5	14	0	51
Provincial Governments	0	3	0	1	1	0	5
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	3	2	0	5
Higher Education	0	0	0	0	33	0	32
Private Non-profit Organizations	0	0	0	0	4	0	4
Foreign	0	0	0	1	0	0	1
Total	32	3	0	10	53	0	98
1990^f Total sciences							
Federal Government	34	0	0	4	17	0	55
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	34	3	0	10	55	0	102
1991^f 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	1	0	6
Higher Education	0	0	0	0	34	0	34
Private Non-profit Organizations	0	0	0	0	5	0	5
Foreign	0	0	0	2	0	0	2
Total	35	4	0	10	57	0	106
1992^f Total sciences							
Federal Government	35	0	0	3	23	0	61
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	3	0	8
Higher Education	0	0	0	0	31	0	31
Private Non-profit Organizations	0	0	0	0	1	0	1
Foreign	0	0	0	3	0	0	3
Total	35	4	0	11	60	0	110
1993^f Total sciences							
Federal Government	36	0	0	3	19	0	58
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	35	0	35
Private Non-profit Organizations	0	0	0	0	1	0	1
Foreign	0	0	0	2	0	0	2
Total	36	4	0	10	61	0	111

Provincial GERD 1989 to 1998

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							
1994^f Total sciences							
Federal Government	33	0	0	4	16	0	53
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	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	58	0	108
1995^f 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	3	0	13
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	1	0	1
Total	28	4	0	11	58	0	101
1996^f Total sciences							
Federal Government	26	0	0	1	15	0	42
Provincial Governments	0	4	0	0	1	0	5
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	16	56	0	102
1997^f 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	10	7	0	18
Higher Education	0	0	0	0	34	0	34
Private Non-profit Organizations	0	0	0	0	2	0	2
Foreign	0	0	0	1	1	0	2
Total	23	4	0	13	61	0	101
1998^f Total sciences							
Federal Government	26	0	0	1	18	0	45
Provincial Governments	0	4	0	1	1	0	6
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	9	9	0	18
Higher Education	0	0	0	0	34	0	34
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	1	0	0	1
Total	26	4	0	12	62	0	104

Provincial GERD 1989 to 1998

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							
1989^f 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	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	2	4	0	15
1990^f 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	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	3	4	0	17
1991^f 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^f 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	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	2	4	0	15
1993^f 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 1989 to 1998

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							
1994' 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
1995' 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' 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' 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' Total sciences							
Federal Government	9	0	0	0	2	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	1	0	1
Foreign	0	0	0	0	0	0	0
Total	9	0	0	2	7	0	18

Provincial GERD 1989 to 1998

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							
1989' Total sciences							
Federal Government	75	0	0	9	33	0	117
Provincial Governments	0	4	1	0	4	0	9
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	26	5	0	31
Higher Education	0	0	0	0	72	0	72
Private Non-profit Organizations	0	0	0	0	3	1	4
Foreign	0	0	0	3	0	0	3
Total	75	4	1	38	117	1	236
1990' Total sciences							
Federal Government	81	0	0	8	44	0	133
Provincial Governments	0	5	0	1	5	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	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	0	30	118	1	235
1991' Total sciences							
Federal Government	82	0	0	9	45	0	136
Provincial Governments	0	3	1	0	7	0	11
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	66	0	66
Private Non-profit Organizations	0	0	0	0	4	1	5
Foreign	0	0	0	4	0	0	4
Total	82	3	1	26	127	1	240
1992' 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' Total sciences							
Federal Government	75	0	0	10	36	0	121
Provincial Governments	0	5	1	0	4	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	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

Provincial GERD 1989 to 1998

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							
1994' 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	7	0	53
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	1	0	6
Total	84	5	1	61	113	1	265
1995' Total sciences							
Federal Government	76	0	0	6	31	0	113
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	77	5	1	64	117	1	265
1996' Total sciences							
Federal Government	78	0	0	5	29	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	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	118	1	258
1997' Total sciences							
Federal Government	69	0	0	7	30	0	106
Provincial Governments	0	5	1	2	5	0	13
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	1	27	8	0	37
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	53	124	1	255
1998' Total sciences							
Federal Government	77	0	0	7	28	0	112
Provincial Governments	0	5	1	0	5	0	11
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	0	25	8	0	34
Higher Education	0	0	0	0	79	0	79
Private Non-profit Organizations	0	0	0	0	4	1	5
Foreign	0	0	0	19	9	0	28
Total	78	5	1	51	133	1	269

Provincial GERD 1989 to 1998

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							
1989^f Total sciences							
Federal Government	33	0	1	8	11	1	54
Provincial Governments	0	3	0	1	3	0	7
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	1	69	4	0	74
Higher Education	0	0	0	0	25	0	25
Private Non-profit Organizations	0	0	0	0	0	1	1
Foreign	0	0	0	2	0	0	2
Total	33	3	2	80	43	2	163
1990^f Total sciences							
Federal Government	36	0	1	6	12	0	55
Provincial Governments	0	2	0	0	4	0	6
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	1	40	3	0	44
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	1	133
1991^f 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	1	1	2
Foreign	0	0	0	0	0	0	0
Total	37	2	1	30	49	1	120
1992^f Total sciences							
Federal Government	36	0	0	5	13	1	55
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	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^f Total sciences							
Federal Government	33	0	0	17	12	1	63
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	4	0	28
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

Provincial GERD 1989 to 1998

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							
1994^f Total sciences							
Federal Government	28	0	0	18	13	1	60
Provincial Governments	0	2	0	1	3	0	6
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	31	5	0	36
Higher Education	0	0	0	0	29	0	29
Private Non-profit Organizations	0	0	0	0	3	1	4
Foreign	0	0	0	0	0	0	0
Total	28	2	0	50	53	2	135
1995^f Total sciences							
Federal Government	28	0	0	17	14	1	60
Provincial Governments	0	2	0	3	4	0	9
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	0	32	4	0	37
Higher Education	0	0	0	0	31	0	31
Private Non-profit Organizations	0	0	0	0	3	1	4
Foreign	0	0	0	1	0	0	1
Total	29	2	0	53	56	2	142
1996^f Total sciences							
Federal Government	31	0	0	1	12	0	44
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	4	1	5
Foreign	0	0	0	0	1	0	1
Total	31	2	0	59	56	2	150
1997^f Total sciences							
Federal Government	28	0	0	1	11	0	42
Provincial Governments	0	2	1	1	3	0	6
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	1	30	6	0	38
Higher Education	0	0	0	0	31	0	31
Private Non-profit Organizations	0	0	0	0	4	0	4
Foreign	0	0	0	1	2	1	3
Total	29	2	2	33	57	1	124
1998^f Total sciences							
Federal Government	30	0	0	1	12	0	43
Provincial Governments	0	2	1	1	4	0	8
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	1	26	6	0	34
Higher Education	0	0	0	0	33	0	33
Private Non-profit Organizations	0	0	0	0	5	1	6
Foreign	0	0	0	1	1	0	2
Total	31	2	2	29	61	1	126

Provincial GERD 1989 to 1998

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							
1989^f Total sciences							
Federal Government	198	0	1	131	178	3	511
Provincial Governments	0	55	13	22	105	1	196
Provincial Research Organizations	0	0	1	0	0	0	1
Business Enterprises	0	0	5	976	51	2	1,034
Higher Education	0	0	0	0	397	0	397
Private Non-profit Organizations	0	0	0	0	55	2	57
Foreign	0	0	0	116	3	1	120
Total	198	55	20	1,245	789	9	2,316
1990^f Total sciences							
Federal Government	215	0	1	121	209	4	550
Provincial Governments	0	55	12	24	85	2	178
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	1	6	1,142	47	1	1,197
Higher Education	0	0	0	0	482	0	482
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	2,593
1991^f Total sciences							
Federal Government	217	0	1	135	210	4	567
Provincial Governments	0	57	12	32	84	2	187
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	549	0	549
Private Non-profit Organizations	0	0	0	0	62	6	68
Foreign	0	0	0	133	4	1	138
Total	217	58	19	1,520	1,034	15	2,863
1992^f Total sciences							
Federal Government	233	0	1	180	218	5	637
Provincial Governments	0	55	13	31	95	2	196
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	1	6	1,271	164	8	1,450
Higher Education	0	0	0	0	636	0	636
Private Non-profit Organizations	0	0	0	0	49	5	54
Foreign	0	0	0	163	8	0	171
Total	233	56	20	1,645	1,170	20	3,144
1993^f Total sciences							
Federal Government	250	0	1	172	235	5	663
Provincial Governments	0	54	11	30	112	2	209
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	5	1,445	132	8	1,590
Higher Education	0	0	0	0	623	0	623
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

Provincial GERD 1989 to 1998

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							
1994^f Total sciences							
Federal Government	225	0	0	133	235	2	595
Provincial Governments	0	51	11	32	112	3	209
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	5	1,701	100	10	1,817
Higher Education	0	0	0	0	620	0	620
Private Non-profit Organizations	0	0	0	0	60	11	71
Foreign	0	0	0	190	9	1	200
Total	226	51	16	2,056	1,136	27	3,512
1995^f Total sciences							
Federal Government	216	0	1	135	228	3	583
Provincial Governments	1	47	15	37	118	5	223
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	8	1,899	93	5	2,006
Higher Education	0	0	0	0	598	0	597
Private Non-profit Organizations	0	0	0	0	62	10	73
Foreign	0	0	0	206	9	2	217
Total	218	47	24	2,277	1,108	25	3,698
1996^f Total sciences							
Federal Government	223	0	1	102	219	4	549
Provincial Governments	0	47	13	34	104	6	204
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	2	0	9	2,045	89	5	2,150
Higher Education	0	0	0	0	597	0	597
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^f Total sciences							
Federal Government	208	0	1	138	200	7	554
Provincial Governments	1	46	5	23	117	5	197
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	2	0	5	2,084	104	6	2,201
Higher Education	0	0	0	0	653	0	653
Private Non-profit Organizations	0	0	0	0	73	13	86
Foreign	0	0	0	255	16	1	272
Total	211	46	11	2,500	1,163	32	3,963
1998^f Total sciences							
Federal Government	225	0	0	71	247	6	549
Provincial Governments	0	44	6	28	111	5	194
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	2	0	10	2,161	111	7	2,291
Higher Education	0	0	0	0	547	0	547
Private Non-profit Organizations	0	0	0	0	88	13	101
Foreign	0	0	0	324	20	2	346
Total	227	44	16	2,584	1,124	33	4,028

Provincial GERD 1989 to 1998

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							
1989' Total sciences							
Federal Government	230	0	2	207	255	14	708
Provincial Governments	0	77	2	20	106	7	212
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	8	1,856	51	4	1,919
Higher Education	0	0	0	0	633	0	633
Private Non-profit Organizations	0	0	0	0	61	32	93
Foreign	0	0	2	646	3	7	658
Total	230	77	14	2,729	1,109	64	4,223
1990' 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	630	0	630
Private Non-profit Organizations	0	0	0	0	76	34	110
Foreign	0	0	2	729	4	6	741
Total	249	86	14	2,842	1,176	76	4,443
1991' Total sciences							
Federal Government	252	1	1	178	298	16	746
Provincial Governments	0	108	3	19	120	10	260
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	647	0	647
Private Non-profit Organizations	0	0	0	0	87	36	123
Foreign	0	0	4	765	1	6	776
Total	252	110	14	2,952	1,212	77	4,617
1992' Total sciences							
Federal Government	274	1	1	250	320	15	861
Provincial Governments	0	82	4	19	123	11	239
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	1	9	2,094	68	14	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' Total sciences							
Federal Government	276	1	2	232	334	15	860
Provincial Governments	0	68	4	56	126	11	265
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	6	2,347	113	14	2,480
Higher Education	0	0	0	0	698	0	698
Private Non-profit Organizations	0	0	0	0	118	38	156
Foreign	0	0	2	872	1	7	882
Total	276	69	14	3,507	1,390	85	5,341

Provincial GERD 1989 to 1998

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							
1994^f Total sciences							
Federal Government	253	1	1	214	327	18	814
Provincial Governments	0	75	4	50	132	11	272
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	4	2,731	121	17	2,874
Higher Education	0	0	0	0	699	0	699
Private Non-profit Organizations	0	0	0	0	125	43	168
Foreign	0	0	2	1,119	5	8	1,134
Total	254	76	11	4,114	1,409	97	5,961
1995^f Total sciences							
Federal Government	257	1	0	170	324	18	770
Provincial Governments	1	75	3	42	124	8	253
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	4	2,947	120	21	3,093
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	7	1,197
Total	259	76	9	4,341	1,444	100	6,229
1996^f Total sciences							
Federal Government	356	0	1	119	309	18	803
Provincial Governments	1	57	2	45	114	10	229
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	3	0	5	2,918	152	12	3,090
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	4,297	1,480	98	6,302
1997^f Total sciences							
Federal Government	299	0	1	167	308	17	792
Provincial Governments	1	47	2	85	142	9	286
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	5	0	4	3,302	166	11	3,488
Higher Education	0	0	0	0	787	0	787
Private Non-profit Organizations	0	0	0	0	169	62	231
Foreign	0	0	2	1,269	7	10	1,288
Total	305	47	9	4,823	1,579	109	6,872
1998^f Total sciences							
Federal Government	273	0	0	158	330	17	778
Provincial Governments	1	51	0	13	136	10	211
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	4	0	0	3,160	188	14	3,366
Higher Education	0	0	0	0	764	0	764
Private Non-profit Organizations	0	0	0	0	169	63	232
Foreign	0	0	0	1,850	13	10	1,873
Total	278	51	0	5,181	1,600	114	7,224

Provincial GERD 1989 to 1998

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							
1989^f Total sciences							
Federal Government	87	0	0	5	28	1	121
Provincial Governments	0	0	1	1	5	1	8
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	1	37	2	0	40
Higher Education	0	0	0	0	64	0	64
Private Non-profit Organizations	0	0	0	0	10	4	14
Foreign	0	0	0	2	2	0	4
Total	87	0	2	45	111	6	251
1990^f Total sciences							
Federal Government	94	0	0	7	29	2	132
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	1	42
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	50	111	7	265
1991^f Total sciences							
Federal Government	95	0	1	7	29	2	134
Provincial Governments	0	1	1	4	5	2	13
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	1	41	3	0	45
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	3	64	114	8	285
1992^f Total sciences							
Federal Government	81	0	0	7	28	3	119
Provincial Governments	0	1	1	1	8	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	71	117	9	281
1993^f Total sciences							
Federal Government	83	0	0	7	28	3	121
Provincial Governments	0	1	1	1	6	2	11
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	1	72	4	0	77
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

Provincial GERD 1989 to 1998

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							
1994^f Total sciences							
Federal Government	80	0	0	8	29	3	119
Provincial Governments	0	1	2	2	5	3	14
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	84	4	1	89
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
1995^f Total sciences							
Federal Government	73	0	0	8	27	2	110
Provincial Governments	0	1	2	4	5	3	15
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	80	4	1	85
Higher Education	0	0	0	0	63	0	63
Private Non-profit Organizations	0	0	0	0	13	5	18
Foreign	0	0	0	4	2	0	6
Total	73	1	2	96	114	11	297
1996^f Total sciences							
Federal Government	75	0	0	8	26	2	111
Provincial Governments	0	0	0	4	5	4	13
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	76	4	1	81
Higher Education	0	0	0	0	61	0	61
Private Non-profit Organizations	0	0	0	0	13	6	19
Foreign	0	0	0	5	2	0	7
Total	75	0	0	93	111	13	292
1997^f Total sciences							
Federal Government	57	0	0	1	28	3	89
Provincial Governments	0	1	0	1	7	4	13
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	85	8	2	95
Higher Education	0	0	0	0	46	0	46
Private Non-profit Organizations	0	0	0	0	17	4	21
Foreign	0	0	0	3	3	0	6
Total	57	1	0	90	109	13	270
1998^f Total sciences							
Federal Government	46	0	0	2	24	7	79
Provincial Governments	0	1	0	1	9	3	14
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	84	6	1	91
Higher Education	0	0	0	0	61	0	61
Private Non-profit Organizations	0	0	0	0	13	5	18
Foreign	0	0	0	3	1	0	4
Total	46	1	0	90	114	16	267

Provincial GERD 1989 to 1998

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							
1989^f Total sciences							
Federal Government	47	0	1	4	19	0	71
Provincial Governments	0	3	4	2	14	0	23
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	2	34	2	0	38
Higher Education	0	0	0	0	50	0	50
Private Non-profit Organizations	0	0	0	0	3	0	3
Foreign	0	0	0	3	1	0	4
Total	47	3	7	43	89	0	189
1990^f Total sciences							
Federal Government	51	0	1	4	23	0	79
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	4	0	0	4
Total	51	4	7	48	93	0	203
1991^f Total sciences							
Federal Government	52	0	1	6	26	0	85
Provincial Governments	0	4	2	1	11	0	18
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	52	4	6	54	100	0	216
1992^f Total sciences							
Federal Government	56	0	1	7	25	0	89
Provincial Governments	0	4	2	1	12	0	19
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	3	54	4	0	61
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^f Total sciences							
Federal Government	55	0	1	6	26	0	88
Provincial Governments	0	3	4	1	12	0	20
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	0	3	1	0	4
Total	55	3	10	60	106	0	234

Provincial GERD 1989 to 1998

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							
1994' Total sciences							
Federal Government	46	0	2	6	26	0	80
Provincial Governments	0	3	3	3	11	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	58	0	58
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
1995' Total sciences							
Federal Government	50	0	1	6	22	0	79
Provincial Governments	0	4	3	2	13	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	5	0	5
Foreign	0	0	0	7	1	0	8
Total	50	4	9	74	114	0	251
1996' Total sciences							
Federal Government	44	0	1	4	24	0	73
Provincial Governments	0	3	6	2	11	0	22
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	5	1	0	6
Total	45	3	11	58	114	0	231
1997' 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	0	0	0	0	0
Business Enterprises	1	0	3	69	8	0	81
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	8	83	119	0	284
1998' Total sciences							
Federal Government	50	0	1	4	20	0	75
Provincial Governments	0	3	4	2	16	0	25
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	3	43	8	0	54
Higher Education	0	0	0	0	70	0	70
Private Non-profit Organizations	0	0	0	0	6	0	6
Foreign	0	0	0	22	1	0	23
Total	50	3	8	71	121	0	253

Provincial GERD 1989 to 1998

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							
1989^f Total sciences							
Federal Government	71	0	1	13	59	0	144
Provincial Governments	0	24	25	15	36	0	100
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	5	234	13	0	252
Higher Education	0	0	0	0	144	0	144
Private Non-profit Organizations	0	0	0	0	17	0	17
Foreign	0	0	3	25	1	0	29
Total	71	24	34	287	270	0	686
1990^f Total sciences							
Federal Government	77	0	2	14	68	0	161
Provincial Governments	0	26	30	26	33	0	115
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	3	7	291	13	0	314
Higher Education	0	0	0	0	142	0	142
Private Non-profit Organizations	0	0	0	0	19	0	19
Foreign	0	0	3	26	2	0	31
Total	77	29	42	357	277	0	782
1991^f Total sciences							
Federal Government	78	0	3	16	69	0	166
Provincial Governments	0	26	29	45	37	0	137
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	290	0	788
1992^f 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	16	0	300
Higher Education	0	0	0	0	155	0	155
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^f Total sciences							
Federal Government	75	0	2	14	73	1	165
Provincial Governments	0	26	21	15	30	3	95
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	26	33	396	297	7	834

Provincial GERD 1989 to 1998

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							
1994^f Total sciences							
Federal Government	92	0	1	17	77	1	188
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	308	7	964
1995^f Total sciences							
Federal Government	96	0	1	15	92	1	205
Provincial Governments	0	25	13	10	36	4	88
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	4	409	24	1	439
Higher Education	0	0	0	0	148	0	148
Private Non-profit Organizations	0	0	0	0	27	2	29
Foreign	0	0	3	57	1	0	61
Total	97	25	21	491	328	8	970
1996^f Total sciences							
Federal Government	90	0	1	14	82	1	188
Provincial Governments	0	18	22	10	34	3	87
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	6	413	32	1	453
Higher Education	0	0	0	0	158	0	158
Private Non-profit Organizations	0	0	0	0	23	2	25
Foreign	0	0	5	74	1	1	81
Total	91	18	34	511	330	8	992
1997^f Total sciences							
Federal Government	92	0	1	8	89	1	191
Provincial Governments	0	19	16	5	51	4	95
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	5	426	38	4	474
Higher Education	0	0	0	0	154	0	154
Private Non-profit Organizations	0	0	0	0	26	0	26
Foreign	0	0	2	95	1	0	98
Total	93	19	24	534	359	9	1,038
1998^f Total sciences							
Federal Government	90	0	2	6	81	0	179
Provincial Governments	0	22	22	3	65	5	117
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	6	370	40	4	421
Higher Education	0	0	0	0	172	0	172
Private Non-profit Organizations	0	0	0	0	24	1	25
Foreign	0	0	2	177	1	0	180
Total	91	22	32	556	383	10	1,094

Provincial GERD 1989 to 1998

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							
1989^f Total sciences							
Federal Government	87	0	1	33	70	2	193
Provincial Governments	0	18	2	6	14	0	40
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	1	234	9	0	244
Higher Education	0	0	0	0	151	0	151
Private Non-profit Organizations	0	0	0	0	14	5	19
Foreign	0	0	0	22	2	0	24
Total	87	18	4	295	260	7	671
1990^f Total sciences							
Federal Government	95	0	2	48	95	1	241
Provincial Governments	0	19	2	17	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	134	0	134
Private Non-profit Organizations	0	0	0	0	16	5	21
Foreign	0	0	1	30	1	0	32
Total	95	21	8	367	275	6	772
1991^f Total sciences							
Federal Government	96	0	1	56	104	0	257
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	14	1	259
Higher Education	0	0	0	0	144	0	144
Private Non-profit Organizations	0	0	0	0	18	4	22
Foreign	0	0	0	41	2	1	44
Total	96	24	5	348	303	6	782
1992^f Total sciences							
Federal Government	86	0	0	55	109	0	250
Provincial Governments	0	21	0	14	19	0	54
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	3	0	314	18	1	336
Higher Education	0	0	0	0	160	0	160
Private Non-profit Organizations	0	0	0	0	23	5	28
Foreign	0	0	0	44	5	0	49
Total	86	24	0	427	334	6	877
1993^f Total sciences							
Federal Government	88	0	0	54	108	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	2	379
Higher Education	0	0	0	0	144	0	144
Private Non-profit Organizations	0	0	0	0	24	5	29
Foreign	0	0	0	50	5	0	55
Total	88	27	0	471	323	7	916

Provincial GERD 1989 to 1998

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							
1994^f 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
1995^f 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	452	31	0	484
Higher Education	0	0	0	0	176	0	176
Private Non-profit Organizations	0	0	0	0	28	6	34
Foreign	0	0	0	90	4	1	95
Total	80	22	0	603	358	7	1,070
1996^f Total sciences							
Federal Government	75	0	0	37	93	0	205
Provincial Governments	1	25	0	11	24	0	61
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	0	366	30	0	397
Higher Education	0	0	0	0	176	0	176
Private Non-profit Organizations	0	0	0	0	30	5	35
Foreign	0	0	0	134	1	1	136
Total	77	25	0	548	354	6	1,010
1997^f Total sciences							
Federal Government	81	0	0	32	90	0	203
Provincial Governments	0	28	0	13	26	0	67
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	2	0	0	431	36	0	469
Higher Education	0	0	0	0	185	0	185
Private Non-profit Organizations	0	0	0	0	23	5	28
Foreign	0	0	0	99	2	0	101
Total	83	28	0	575	362	5	1,053
1998^f Total sciences							
Federal Government	82	0	0	23	98	0	203
Provincial Governments	0	24	0	8	22	0	54
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	2	0	0	422	32	0	456
Higher Education	0	0	0	0	178	0	178
Private Non-profit Organizations	0	0	0	0	25	5	30
Foreign	0	0	0	81	5	0	86
Total	85	24	0	534	360	5	1,007

Provincial GERD 1989 to 1998

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							
1994^f Total sciences							
Federal Government	7	0	0	1	0	0	8
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	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
1995^f 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^f 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
1997^f 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^f 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

**NATURAL SCIENCE GERD, CANADA 1989 TO 2000^e,
AND BY PROVINCE, 1989 to 1998**

National GERD 1989 to 2000^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							
1989' Natural sciences							
Federal Government	1,467	0	7	416	588	20	2,498
Provincial Governments	0	171	47	69	230	8	525
Provincial Research Organizations	0	0	2	0	0	0	2
Business Enterprises	0	0	24	3,475	134	6	3,639
Higher Education	0	0	0	0	1,119	0	1,119
Private Non-profit Organizations	0	0	0	0	135	42	177
Foreign	0	0	5	819	12	8	844
Total	1,467	171	85	4,779	2,218	84	8,804
1990' Natural sciences							
Federal Government	1,590	1	8	391	687	21	2,698
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	7	922	12	8	949
Total	1,590	184	97	5,169	2,379	96	9,515
1991' Natural sciences							
Federal Government	1,607	1	7	417	713	20	2,765
Provincial Governments	0	202	50	113	231	14	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	989	11	8	1,014
Total	1,607	212	90	5,355	2,604	103	9,971
1992' Natural sciences							
Federal Government	1,646	1	6	535	731	21	2,940
Provincial Governments	0	180	50	83	235	14	562
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	5	1,019	20	7	1,051
Total	1,651	187	86	5,742	2,800	116	10,582
1993' Natural sciences							
Federal Government	1,682	1	6	516	763	22	2,990
Provincial Governments	0	169	41	118	250	16	594
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	7	0	22	4,656	300	26	5,011
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	1,134	20	8	1,170
Total	1,689	170	77	6,424	2,903	123	11,386

National GERD 1989 to 2000^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							
1994^f Natural sciences							
Federal Government	1,679	1	4	467	763	24	2,938
Provincial Governments	0	175	35	118	252	19	599
Provincial Research Organizations	0	0	1	0	0	0	1
Business Enterprises	10	0	19	5,520	283	28	5,860
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	9	1,501
Total	1,689	176	64	7,571	2,917	142	12,559
1995^f Natural sciences							
Federal Government	1,648	1	4	411	748	23	2,835
Provincial Governments	3	167	37	110	259	20	596
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	14	0	22	5,937	283	25	6,281
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	10	1,594
Total	1,665	168	68	8,013	2,976	143	13,033
1996^f Natural sciences							
Federal Government	1,692	0	4	293	708	23	2,720
Provincial Governments	4	147	43	111	238	22	565
Provincial Research Organizations	0	0	1	0	0	0	1
Business Enterprises	22	0	24	5,977	320	19	6,362
Higher Education	0	0	0	0	1,451	0	1,451
Private Non-profit Organizations	0	0	0	0	259	68	328
Foreign	0	0	7	1,661	37	11	1,716
Total	1,718	147	79	8,042	3,013	143	13,143
1997^f Natural sciences							
Federal Government	1,615	0	3	362	692	26	2,698
Provincial Governments	3	140	30	131	296	22	622
Provincial Research Organizations	0	0	1	0	0	0	1
Business Enterprises	28	0	19	6,468	365	21	6,901
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	5	1,748	40	10	1,803
Total	1,646	140	58	8,709	3,208	158	13,919
1998^f Natural sciences							
Federal Government	1,637	0	3	273	749	29	2,691
Provincial Governments	3	141	34	57	296	23	554
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	23	0	21	6,303	390	25	6,762
Higher Education	0	0	0	0	1,495	0	1,495
Private Non-profit Organizations	0	0	0	0	277	83	360
Foreign	0	0	3	2,478	50	11	2,542
Total	1,663	141	61	9,111	3,257	171	14,404

National GERD 1989 to 2000^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							
1999^p Natural sciences							
Federal Government	1,655	0	4	280	909	31	2,879
Provincial Governments	4	129	38	58	308	24	561
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	23	0	21	6,476	396	26	6,942
Higher Education	0	0	0	0	1,462	0	1,462
Private Non-profit Organizations	0	0	0	0	275	87	362
Foreign	0	0	3	2,547	54	12	2,616
Total	1,682	129	66	9,361	3,404	180	14,822
2000^e Natural sciences							
Federal Government	1,687	0	4	296	1,092	32	3,111
Provincial Governments	4	129	38	62	314	25	572
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	24	0	21	6,849	427	28	7,349
Higher Education	0	0	0	0	1,462	0	1,462
Private Non-profit Organizations	0	0	0	0	280	91	371
Foreign	0	0	3	2,693	60	13	2,769
Total	1,715	129	66	9,900	3,635	189	15,634

Provincial GERD 1989 to 1998

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							
1989^f Natural sciences							
Federal Government	32	0	0	5	12	0	49
Provincial Governments	0	3	0	1	1	0	5
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	3	2	0	5
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	32	3	0	10	37	0	82
1990^f Natural sciences							
Federal Government	34	0	0	4	15	0	53
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	34	3	0	10	39	0	86
1991^f 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	1	0	6
Higher Education	0	0	0	0	22	0	22
Private Non-profit Organizations	0	0	0	0	2	0	2
Foreign	0	0	0	2	0	0	2
Total	35	4	0	10	40	0	89
1992^f 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	5	3	0	8
Higher Education	0	0	0	0	21	0	21
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	3	0	0	3
Total	35	4	0	11	44	0	94
1993^f Natural sciences							
Federal Government	36	0	0	3	16	0	55
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	10	45	0	95

Provincial GERD 1989 to 1998

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							
1994^f 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
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	3	0	13
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	1	0	1
Total	28	4	0	11	43	0	86
1996^f Natural sciences							
Federal Government	26	0	0	1	12	0	39
Provincial Governments	0	4	0	0	1	0	5
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	16	41	0	87
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	10	7	0	18
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	13	47	0	87
1998^f Natural sciences							
Federal Government	26	0	0	1	15	0	42
Provincial Governments	0	4	0	1	1	0	6
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	9	9	0	18
Higher Education	0	0	0	0	24	0	24
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	1	0	0	1
Total	26	4	0	12	49	0	91

Provincial GERD 1989 to 1998

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							
1989^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	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	2	3	0	14
1990^f 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	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	3	3	0	16
1991^f 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^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	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	2	3	0	14
1993^f 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 1989 to 1998

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							
1994^f 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
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	9	0	0	0	2	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	2	5	0	16

Provincial GERD 1989 to 1998

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							
1989^f Natural sciences							
Federal Government	75	0	0	9	28	0	112
Provincial Governments	0	4	1	0	3	0	8
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	26	5	0	31
Higher Education	0	0	0	0	54	0	54
Private Non-profit Organizations	0	0	0	0	3	1	4
Foreign	0	0	0	3	0	0	3
Total	75	4	1	38	93	1	212
1990^f Natural sciences							
Federal Government	81	0	0	8	37	0	126
Provincial Governments	0	5	0	1	4	0	10
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	0	30	94	1	211
1991^f Natural sciences							
Federal Government	82	0	0	9	38	0	129
Provincial Governments	0	3	1	0	6	0	10
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	49	0	49
Private Non-profit Organizations	0	0	0	0	4	1	5
Foreign	0	0	0	4	0	0	4
Total	82	3	1	26	102	1	215
1992^f 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^f Natural sciences							
Federal Government	75	0	0	10	30	0	115
Provincial Governments	0	5	1	0	3	0	9
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

Provincial GERD 1989 to 1998

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							
1994^f 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	1	0	6
Total	84	5	1	61	90	1	242
1995^f Natural sciences							
Federal Government	76	0	0	6	26	0	108
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	77	5	1	64	94	1	242
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	27	8	0	37
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	53	103	1	234
1998^f Natural sciences							
Federal Government	77	0	0	7	24	0	108
Provincial Governments	0	5	1	0	4	0	10
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	0	25	8	0	34
Higher Education	0	0	0	0	61	0	61
Private Non-profit Organizations	0	0	0	0	4	1	5
Foreign	0	0	0	19	9	0	28
Total	78	5	1	51	110	1	246

Provincial GERD 1989 to 1998

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							
1989^f Natural sciences							
Federal Government	33	0	1	8	9	1	52
Provincial Governments	0	3	0	1	2	0	6
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	1	69	4	0	74
Higher Education	0	0	0	0	16	0	16
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	2	0	0	2
Total	33	3	2	80	31	1	150
1990^f Natural sciences							
Federal Government	36	0	1	6	10	0	53
Provincial Governments	0	2	0	0	3	0	5
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	1	40	3	0	44
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^f 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	1	1	2
Foreign	0	0	0	0	0	0	0
Total	37	2	1	30	36	1	107
1992^f 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^f Natural sciences							
Federal Government	33	0	0	17	10	1	61
Provincial Governments	0	2	0	0	2	0	4
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	24	4	0	28
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

Provincial GERD 1989 to 1998

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							
1994^f Natural sciences							
Federal Government	28	0	0	18	10	1	57
Provincial Governments	0	2	0	1	2	0	5
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	31	5	0	36
Higher Education	0	0	0	0	19	0	19
Private Non-profit Organizations	0	0	0	0	3	1	4
Foreign	0	0	0	0	0	0	0
Total	28	2	0	50	39	2	121
1995^f Natural sciences							
Federal Government	28	0	0	17	11	1	57
Provincial Governments	0	2	0	3	3	0	8
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	0	32	4	0	37
Higher Education	0	0	0	0	21	0	21
Private Non-profit Organizations	0	0	0	0	3	1	4
Foreign	0	0	0	1	0	0	1
Total	29	2	0	53	42	2	128
1996^f Natural sciences							
Federal Government	31	0	0	1	10	0	42
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	4	1	5
Foreign	0	0	0	0	1	0	1
Total	31	2	0	59	43	2	137
1997^f Natural sciences							
Federal Government	28	0	0	1	9	0	40
Provincial Governments	0	2	1	1	2	0	5
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	1	30	6	0	38
Higher Education	0	0	0	0	21	0	21
Private Non-profit Organizations	0	0	0	0	4	0	4
Foreign	0	0	0	0	2	1	3
Total	29	2	2	33	44	1	111
1998^f Natural sciences							
Federal Government	30	0	0	1	10	0	41
Provincial Governments	0	2	1	1	3	0	7
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	1	26	6	0	34
Higher Education	0	0	0	0	22	0	22
Private Non-profit Organizations	0	0	0	0	5	1	6
Foreign	0	0	0	1	1	0	2
Total	31	2	2	29	47	1	112

Provincial GERD 1989 to 1998

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							
1989^f Natural sciences							
Federal Government	197	0	1	131	150	3	482
Provincial Governments	0	48	13	22	85	1	169
Provincial Research Organizations	0	0	1	0	0	0	1
Business Enterprises	0	0	5	976	49	2	1,032
Higher Education	0	0	0	0	284	0	284
Private Non-profit Organizations	0	0	0	0	44	2	46
Foreign	0	0	0	116	3	1	120
Total	197	48	20	1,245	615	9	2,134
1990^f Natural sciences							
Federal Government	214	0	1	121	179	4	519
Provincial Governments	0	46	12	24	68	2	152
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	1	6	1,142	45	1	1,195
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	689	11	2,395
1991^f Natural sciences							
Federal Government	216	0	1	135	179	4	535
Provincial Governments	0	49	12	32	67	2	162
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	416	0	416
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	15	2,655
1992^f Natural sciences							
Federal Government	233	0	1	180	187	5	606
Provincial Governments	0	48	13	31	76	2	170
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	1	6	1,271	155	8	1,441
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	1,645	958	20	2,925
1993^f Natural sciences							
Federal Government	249	0	1	172	203	5	630
Provincial Governments	0	46	11	30	90	2	179
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	480	0	480
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	953	20	3,087

Provincial GERD 1989 to 1998

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							
1994^f Natural sciences							
Federal Government	224	0	0	133	204	2	563
Provincial Governments	0	43	11	32	89	3	178
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	5	1,701	94	10	1,811
Higher Education	0	0	0	0	474	0	474
Private Non-profit Organizations	0	0	0	0	48	11	59
Foreign	0	0	0	190	9	1	200
Total	225	43	16	2,056	918	27	3,285
1995^f Natural sciences							
Federal Government	215	0	1	135	199	3	553
Provincial Governments	1	40	15	37	94	5	192
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	8	1,899	87	5	2,000
Higher Education	0	0	0	0	455	0	455
Private Non-profit Organizations	0	0	0	0	50	10	60
Foreign	0	0	0	206	9	2	217
Total	217	40	24	2,277	894	25	3,477
1996^f Natural sciences							
Federal Government	222	0	1	102	192	4	521
Provincial Governments	0	39	13	34	83	6	175
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	2	0	9	2,045	83	5	2,144
Higher Education	0	0	0	0	461	0	461
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	138	175	7	528
Provincial Governments	1	37	5	23	94	5	165
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	2	0	5	2,084	97	6	2,194
Higher Education	0	0	0	0	520	0	520
Private Non-profit Organizations	0	0	0	0	58	13	71
Foreign	0	0	0	255	16	1	272
Total	210	37	11	2,500	960	32	3,750
1998^f Natural sciences							
Federal Government	225	0	0	71	214	6	516
Provincial Governments	0	37	6	28	89	5	165
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	2	0	10	2,161	104	7	2,284
Higher Education	0	0	0	0	433	0	433
Private Non-profit Organizations	0	0	0	0	71	13	84
Foreign	0	0	0	324	20	2	346
Total	227	37	16	2,584	931	33	3,828

Provincial GERD 1989 to 1998

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							
1989^f Natural sciences							
Federal Government	227	0	2	207	227	14	677
Provincial Governments	0	69	2	20	85	6	182
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	8	1,856	49	3	1,916
Higher Education	0	0	0	0	455	0	455
Private Non-profit Organizations	0	0	0	0	50	30	80
Foreign	0	0	2	646	3	7	658
Total	227	69	14	2,729	869	60	3,968
1990^f Natural sciences							
Federal Government	246	1	1	178	248	15	689
Provincial Governments	0	73	3	21	95	9	201
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	61	32	93
Foreign	0	0	2	729	4	6	741
Total	246	75	14	2,842	920	71	4,168
1991^f Natural sciences							
Federal Government	249	1	1	178	259	15	703
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	69	34	103
Foreign	0	0	4	765	1	6	776
Total	249	95	14	2,952	946	72	4,328
1992^f Natural sciences							
Federal Government	271	1	1	250	271	14	808
Provincial Governments	0	70	4	19	98	10	201
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	1	9	2,094	65	13	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	72	14	3,123	993	79	4,552
1993^f Natural sciences							
Federal Government	273	1	2	232	292	14	814
Provincial Governments	0	56	4	56	101	10	227
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	6	2,347	108	13	2,474
Higher Education	0	0	0	0	509	0	509
Private Non-profit Organizations	0	0	0	0	97	35	132
Foreign	0	0	2	872	1	7	882
Total	273	57	14	3,507	1,108	79	5,038

Provincial GERD 1989 to 1998

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							
1994^f Natural sciences							
Federal Government	251	1	1	214	288	16	771
Provincial Governments	0	64	4	50	106	10	234
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	4	2,731	115	15	2,866
Higher Education	0	0	0	0	510	0	510
Private Non-profit Organizations	0	0	0	0	107	39	146
Foreign	0	0	2	1,119	5	7	1,133
Total	252	65	11	4,114	1,131	87	5,660
1995^f Natural sciences							
Federal Government	255	1	0	170	286	16	728
Provincial Governments	1	66	3	42	99	7	218
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	4	2,947	113	19	3,084
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	4,341	1,175	90	5,939
1996^f Natural sciences							
Federal Government	356	0	1	119	273	16	765
Provincial Governments	1	49	2	45	91	9	197
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	3	0	5	2,918	144	11	3,081
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	4,299	1,220	88	6,025
1997^f Natural sciences							
Federal Government	299	0	1	167	269	15	751
Provincial Governments	1	41	2	85	113	9	251
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	5	0	4	3,302	158	10	3,479
Higher Education	0	0	0	0	604	0	604
Private Non-profit Organizations	0	0	0	0	142	56	198
Foreign	0	0	2	1,269	7	9	1,287
Total	305	41	9	4,823	1,293	99	6,570
1998^f Natural sciences							
Federal Government	273	0	0	158	288	16	735
Provincial Governments	1	43	0	13	109	9	175
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	4	0	0	3,160	179	13	3,356
Higher Education	0	0	0	0	602	0	602
Private Non-profit Organizations	0	0	0	0	141	58	199
Foreign	0	0	0	1,850	13	9	1,872
Total	278	43	0	5,181	1,332	105	6,939

Provincial GERD 1989 to 1998

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							
1989^f Natural sciences							
Federal Government	87	0	0	5	26	1	119
Provincial Governments	0	0	1	1	4	1	7
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	1	37	2	0	40
Higher Education	0	0	0	0	45	0	45
Private Non-profit Organizations	0	0	0	0	8	4	12
Foreign	0	0	0	2	2	0	4
Total	87	0	2	45	87	6	227
1990^f Natural sciences							
Federal Government	94	0	0	7	26	2	129
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	1	42
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	50	87	7	241
1991^f Natural sciences							
Federal Government	95	0	1	7	26	2	131
Provincial Governments	0	1	1	4	4	2	12
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	1	41	3	0	45
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	3	64	89	8	260
1992^f Natural sciences							
Federal Government	81	0	0	7	25	3	116
Provincial Governments	0	1	1	1	6	2	11
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	71	91	9	255
1993^f Natural sciences							
Federal Government	83	0	0	7	25	3	118
Provincial Governments	0	1	1	1	5	2	10
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	1	72	4	0	77
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

Provincial GERD 1989 to 1998

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							
1994^f Natural sciences							
Federal Government	80	0	0	8	26	3	117
Provincial Governments	0	1	2	2	4	3	12
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	84	4	1	89
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
1995^f Natural sciences							
Federal Government	73	0	0	8	24	2	107
Provincial Governments	0	1	2	4	4	3	14
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	80	4	1	85
Higher Education	0	0	0	0	44	0	44
Private Non-profit Organizations	0	0	0	0	11	5	16
Foreign	0	0	0	4	2	0	6
Total	73	1	2	96	89	11	272
1996^f Natural sciences							
Federal Government	75	0	0	8	23	2	108
Provincial Governments	0	0	0	4	4	4	12
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	76	4	1	81
Higher Education	0	0	0	0	43	0	43
Private Non-profit Organizations	0	0	0	0	11	6	17
Foreign	0	0	0	5	2	0	7
Total	75	0	0	93	87	13	268
1997^f Natural sciences							
Federal Government	57	0	0	1	25	3	86
Provincial Governments	0	1	0	1	5	4	11
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	85	8	2	95
Higher Education	0	0	0	0	30	0	30
Private Non-profit Organizations	0	0	0	0	14	4	18
Foreign	0	0	0	3	3	0	6
Total	57	1	0	90	85	13	246
1998^f Natural sciences							
Federal Government	46	0	0	2	21	7	76
Provincial Governments	0	1	0	1	7	3	12
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	84	6	1	91
Higher Education	0	0	0	0	42	0	42
Private Non-profit Organizations	0	0	0	0	11	5	16
Foreign	0	0	0	3	1	0	4
Total	46	1	0	90	88	16	241

Provincial GERD 1989 to 1998

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							
1989^f Natural sciences							
Federal Government	46	0	1	4	18	0	69
Provincial Governments	0	3	4	2	11	0	20
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	2	34	2	0	38
Higher Education	0	0	0	0	35	0	35
Private Non-profit Organizations	0	0	0	0	3	0	3
Foreign	0	0	0	3	1	0	4
Total	46	3	7	43	70	0	169
1990^f 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	4	0	0	4
Total	50	4	7	48	74	0	183
1991^f 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^f Natural sciences							
Federal Government	55	0	1	7	23	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	4	0	61
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	55	4	6	66	82	0	213
1993^f Natural sciences							
Federal Government	54	0	1	6	24	0	85
Provincial Governments	0	3	4	1	9	0	17
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	0	3	1	0	4
Total	54	3	10	60	85	0	212

Provincial GERD 1989 to 1998

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							
1994^f Natural sciences							
Federal Government	46	0	2	6	23	0	77
Provincial Governments	0	3	3	3	9	0	18
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	87	0	216
1995^f Natural sciences							
Federal Government	50	0	1	6	20	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	5	59	7	0	71
Higher Education	0	0	0	0	47	0	47
Private Non-profit Organizations	0	0	0	0	5	0	5
Foreign	0	0	0	7	1	0	8
Total	50	4	9	74	90	0	227
1996^f Natural sciences							
Federal Government	44	0	1	4	21	0	70
Provincial Governments	0	3	6	2	9	0	20
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	5	1	0	6
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	0	0	0	0	0
Business Enterprises	1	0	3	69	8	0	81
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	8	83	92	0	257
1998^f Natural sciences							
Federal Government	50	0	1	4	17	0	72
Provincial Governments	0	3	4	2	13	0	22
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	3	43	8	0	54
Higher Education	0	0	0	0	50	0	50
Private Non-profit Organizations	0	0	0	0	6	0	6
Foreign	0	0	0	22	1	0	23
Total	50	3	8	71	95	0	227

Provincial GERD 1989 to 1998

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							
1989^f Natural sciences							
Federal Government	71	0	1	13	55	0	140
Provincial Governments	0	23	25	15	29	0	92
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	5	234	13	0	252
Higher Education	0	0	0	0	102	0	102
Private Non-profit Organizations	0	0	0	0	14	0	14
Foreign	0	0	3	25	1	0	29
Total	71	23	34	287	214	0	629
1990^f Natural sciences							
Federal Government	77	0	2	14	63	0	156
Provincial Governments	0	24	30	26	27	0	107
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	3	7	291	13	0	314
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	2	0	31
Total	77	27	42	357	221	0	724
1991^f Natural sciences							
Federal Government	78	0	3	16	64	0	161
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	230	0	727
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	16	0	300
Higher Education	0	0	0	0	111	0	111
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	1	158
Provincial Governments	0	25	21	15	24	3	88
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	25	33	396	236	7	772

Provincial GERD 1989 to 1998

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							
1994^f Natural sciences							
Federal Government	92	0	1	17	71	1	182
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	250	7	906
1995^f Natural sciences							
Federal Government	96	0	1	15	81	1	194
Provincial Governments	0	25	13	10	29	4	81
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	4	409	24	1	439
Higher Education	0	0	0	0	107	0	107
Private Non-profit Organizations	0	0	0	0	22	2	24
Foreign	0	0	3	57	1	0	61
Total	97	25	21	491	264	8	906
1996^f Natural sciences							
Federal Government	90	0	1	14	72	1	178
Provincial Governments	0	18	22	10	27	3	80
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	6	413	32	1	453
Higher Education	0	0	0	0	118	0	118
Private Non-profit Organizations	0	0	0	0	19	2	21
Foreign	0	0	5	74	1	1	81
Total	91	18	34	511	269	8	931
1997^f Natural sciences							
Federal Government	92	0	1	8	79	1	181
Provincial Governments	0	19	16	5	41	4	85
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	5	426	38	4	474
Higher Education	0	0	0	0	116	0	116
Private Non-profit Organizations	0	0	0	0	22	0	22
Foreign	0	0	2	95	1	0	98
Total	93	19	24	534	297	9	976
1998^f Natural sciences							
Federal Government	90	0	2	6	73	0	171
Provincial Governments	0	22	22	3	52	5	104
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	6	370	39	4	420
Higher Education	0	0	0	0	136	0	136
Private Non-profit Organizations	0	0	0	0	20	1	21
Foreign	0	0	2	177	1	0	180
Total	91	22	32	556	321	10	1,032

Provincial GERD 1989 to 1998

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							
1989^f Natural sciences							
Federal Government	87	0	1	33	63	2	186
Provincial Governments	0	18	2	6	11	0	37
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	1	234	9	0	244
Higher Education	0	0	0	0	104	0	104
Private Non-profit Organizations	0	0	0	0	11	5	16
Foreign	0	0	0	22	2	0	24
Total	87	18	4	295	200	7	611
1990^f Natural sciences							
Federal Government	95	0	2	48	87	1	233
Provincial Governments	0	18	2	17	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	1	30	1	0	32
Total	95	20	8	367	219	6	715
1991^f Natural sciences							
Federal Government	96	0	1	56	96	0	249
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	1	44
Total	96	24	5	348	242	6	721
1992^f Natural sciences							
Federal Government	86	0	0	55	97	0	238
Provincial Governments	0	20	0	14	15	0	49
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	3	0	314	18	1	336
Higher Education	0	0	0	0	106	0	106
Private Non-profit Organizations	0	0	0	0	18	5	23
Foreign	0	0	0	44	5	0	49
Total	86	23	0	427	259	6	801
1993^f Natural sciences							
Federal Government	88	0	0	54	96	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	2	379
Higher Education	0	0	0	0	96	0	96
Private Non-profit Organizations	0	0	0	0	19	5	24
Foreign	0	0	0	50	5	0	55
Total	88	26	0	471	254	7	846

Provincial GERD 1989 to 1998

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							
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
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	452	31	0	484
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	1	95
Total	80	21	0	603	282	7	993
1996^f Natural sciences							
Federal Government	75	0	0	37	80	0	192
Provincial Governments	1	25	0	11	19	0	56
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	1	0	0	366	30	0	397
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	548	274	6	930
1997^f Natural sciences							
Federal Government	81	0	0	32	78	0	191
Provincial Governments	0	27	0	13	21	0	61
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	2	0	0	431	35	0	468
Higher Education	0	0	0	0	129	0	129
Private Non-profit Organizations	0	0	0	0	18	5	23
Foreign	0	0	0	99	2	0	101
Total	83	27	0	575	283	5	973
1998^f Natural sciences							
Federal Government	82	0	0	23	85	0	190
Provincial Governments	0	24	0	8	18	0	50
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	2	0	0	422	31	0	455
Higher Education	0	0	0	0	122	0	122
Private Non-profit Organizations	0	0	0	0	19	5	24
Foreign	0	0	0	81	5	0	86
Total	84	24	0	534	280	5	927

Provincial GERD 1989 to 1998

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							
1994^r Natural sciences							
Federal Government	7	0	0	1	0	0	8
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	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
1995^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	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 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
1997^r 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^r 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

**SOCIAL SCIENCE GERD, CANADA 1989 TO 2000^e,
AND BY PROVINCE, 1989 to 1998**

National GERD 1989 to 2000^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							
1989^f Social sciences							
Federal Government	66	0	0	0	81	1	148
Provincial Governments	0	17	0	0	56	1	74
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	453	0	453
Private Non-profit Organizations	0	0	0	0	31	2	33
Foreign	0	0	0	0	0	1	1
Total	66	17	0	0	627	5	715
1990^f Social sciences							
Federal Government	64	0	0	0	96	1	161
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	8	1	9
Higher Education	0	0	0	0	458	0	458
Private Non-profit Organizations	0	0	0	0	37	3	40
Foreign	0	0	0	0	0	0	0
Total	64	22	0	0	654	6	746
1991^f Social sciences							
Federal Government	64	0	0	0	100	2	166
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	64	26	0	0	688	7	785
1992^f Social sciences							
Federal Government	52	0	0	0	117	2	171
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	508	0	508
Private Non-profit Organizations	0	0	0	0	40	3	43
Foreign	0	0	0	0	0	0	0
Total	52	22	0	0	738	7	819
1993^f Social sciences							
Federal Government	55	0	0	0	109	1	165
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	1	1
Total	55	22	0	0	730	7	814

National GERD 1989 to 2000^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							
1994^f Social sciences							
Federal Government	52	0	0	0	106	2	160
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	2	15
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	52	21	0	0	725	10	808
1995^f Social sciences							
Federal Government	50	0	0	0	107	2	159
Provincial Governments	0	18	0	0	64	1	83
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	496	0	496
Private Non-profit Organizations	0	0	0	0	44	5	49
Foreign	0	0	0	0	0	1	1
Total	50	18	0	0	725	11	804
1996^f Social sciences							
Federal Government	56	0	0	0	101	2	159
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	56	16	0	0	705	11	788
1997^f Social sciences							
Federal Government	59	0	0	0	101	1	161
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	59	16	0	0	732	10	817
1998^f Social sciences							
Federal Government	65	0	0	0	112	2	179
Provincial Governments	0	15	0	0	74	1	90
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	17	1	18
Higher Education	0	0	0	0	446	0	446
Private Non-profit Organizations	0	0	0	0	57	6	63
Foreign	0	0	0	0	0	1	1
Total	65	15	0	0	706	11	797

National GERD 1989 to 2000^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							
1999^p Social sciences							
Federal Government	67	0	0	0	129	2	198
Provincial Governments	0	16	0	0	73	1	90
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	44	1	45
Higher Education	0	0	0	0	472	0	472
Private Non-profit Organizations	0	0	0	0	69	6	75
Foreign	0	0	0	0	0	1	1
Total	67	16	0	0	787	11	881
2000^e Social sciences							
Federal Government	67	0	0	0	155	2	224
Provincial Governments	0	16	0	0	75	1	92
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	48	1	49
Higher Education	0	0	0	0	475	0	475
Private Non-profit Organizations	0	0	0	0	73	6	79
Foreign	0	0	0	0	0	1	1
Total	67	16	0	0	826	11	920

Provincial GERD 1989 to 1998

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							
1989^f 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
1990^f 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^f 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^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	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^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	12	0	12
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 1989 to 1998

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							
1994^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
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	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	14	0	14
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	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

Provincial GERD 1989 to 1998

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							
1989^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
1990^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
1991^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
1992^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
1993^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

Provincial GERD 1989 to 1998

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							
1994^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
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	1	0	1
Private Non-profit Organizations	0	0	0	0	1	0	1
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	2	0	2

Provincial GERD 1989 to 1998

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							
1989^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	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	24	0	24
1990^f 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^f 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	0	0	0
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	25	0	25
1992^f 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^f 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

Provincial GERD 1989 to 1998

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							
1994^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
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	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
1997^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
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	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	23	0	23

Provincial GERD 1989 to 1998

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							
1989^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	9	0	9
Private Non-profit Organizations	0	0	0	0	0	1	1
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	12	1	13
1990^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
1991^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
1992^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	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^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	0	0	0
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	14	0	14

Provincial GERD 1989 to 1998

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							
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
1995^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
1996^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
1997^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
1998^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

Provincial GERD 1989 to 1998

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							
1989^f Social sciences							
Federal Government	1	0	0	0	28	0	29
Provincial Governments	0	7	0	0	20	0	27
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	2	0	2
Higher Education	0	0	0	0	113	0	113
Private Non-profit Organizations	0	0	0	0	11	0	11
Foreign	0	0	0	0	0	0	0
Total	1	7	0	0	174	0	182
1990^f 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^f Social sciences							
Federal Government	1	0	0	0	31	0	32
Provincial Governments	0	8	0	0	17	0	25
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	0	12
Foreign	0	0	0	0	0	0	0
Total	1	8	0	0	199	0	208
1992^f Social sciences							
Federal Government	0	0	0	0	31	0	31
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	9	0	9
Higher Education	0	0	0	0	142	0	142
Private Non-profit Organizations	0	0	0	0	11	0	11
Foreign	0	0	0	0	0	0	0
Total	0	7	0	0	212	0	219
1993^f 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

Provincial GERD 1989 to 1998

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							
1994^r Social sciences							
Federal Government	1	0	0	0	31	0	32
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	146	0	146
Private Non-profit Organizations	0	0	0	0	12	0	12
Foreign	0	0	0	0	0	0	0
Total	1	8	0	0	218	0	227
1995^r Social sciences							
Federal Government	1	0	0	0	29	0	30
Provincial Governments	0	7	0	0	24	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	143	0	143
Private Non-profit Organizations	0	0	0	0	12	0	12
Foreign	0	0	0	0	0	0	0
Total	1	7	0	0	214	0	222
1996^r 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^r 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	15	0	15
Foreign	0	0	0	0	0	0	0
Total	1	9	0	0	203	0	213
1998^r Social sciences							
Federal Government	0	0	0	0	33	0	33
Provincial Governments	0	7	0	0	22	0	29
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	115	0	115
Private Non-profit Organizations	0	0	0	0	16	0	16
Foreign	0	0	0	0	0	0	0
Total	0	7	0	0	193	0	200

Provincial GERD 1989 to 1998

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							
1989^f Social sciences							
Federal Government	3	0	0	0	28	0	31
Provincial Governments	0	8	0	0	21	1	30
Provincial Research Organizations	0	0	0	0	0	0	0
Business Enterprises	0	0	0	0	2	1	3
Higher Education	0	0	0	0	178	0	178
Private Non-profit Organizations	0	0	0	0	11	2	13
Foreign	0	0	0	0	0	0	0
Total	3	8	0	0	240	4	255
1990^f Social sciences							
Federal Government	3	0	0	0	37	1	41
Provincial Governments	0	11	0	0	23	1	35
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	177	0	177
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^f Social sciences							
Federal Government	3	0	0	0	39	1	43
Provincial Governments	0	15	0	0	24	1	40
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	182	0	182
Private Non-profit Organizations	0	0	0	0	18	2	20
Foreign	0	0	0	0	0	0	0
Total	3	15	0	0	266	5	289
1992^f Social sciences							
Federal Government	3	0	0	0	49	1	53
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	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	12	0	0	288	6	309
1993^f 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	5	1	6
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	28239	6	303

Provincial GERD 1989 to 1998

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							
1994^f Social sciences							
Federal Government	2	0	0	0	39	2	43
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	2	8
Higher Education	0	0	0	0	189	0	189
Private Non-profit Organizations	0	0	0	0	18	4	22
Foreign	0	0	0	0	0	1	1
Total	2	11	0	0	278	10	301
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	0	0
Total	2	9	0	0	269	10	290
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	1	9
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	10	278
1997^f Social sciences							
Federal Government	0	0	0	0	39	2	41
Provincial Governments	0	6	0	0	29	0	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	286	10	302
1998^f Social sciences							
Federal Government	0	0	0	0	42	1	43
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	162	0	162
Private Non-profit Organizations	0	0	0	0	28	5	33
Foreign	0	0	0	0	0	1	1
Total	0	8	0	0	268	9	285

Provincial GERD 1989 to 1998

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							
1989^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	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	24	0	24
1990^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
1991^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
1992^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	2	0	2
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	26	0	26
1993^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

Provincial GERD 1989 to 1998

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							
1994^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
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	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	2	0	2
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	26	0	26

Provincial GERD 1989 to 1998

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							
1989' Social sciences							
Federal Government	1	0	0	0	1	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	15	0	15
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	1	0	0	0	19	0	20
1990' Social sciences							
Federal Government	1	0	0	0	1	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	15	0	15
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	1	0	0	0	19	0	20
1991' Social sciences							
Federal Government	1	0	0	0	2	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	1	0	0	0	20	0	21
1992' Social sciences							
Federal Government	1	0	0	0	2	0	3
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	1	0	0	0	21	0	22
1993' Social sciences							
Federal Government	1	0	0	0	2	0	3
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	1	0	0	0	21	0	22

Provincial GERD 1989 to 1998

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							
1994^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	0	0	0
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	21	0	21
1995^f 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	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	3	0	3
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	20	0	20
Private Non-profit Organizations	0	0	0	0	0	0	0
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	26	0	26

Provincial GERD 1989 to 1998

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							
1989^f Social sciences							
Federal Government	0	0	0	0	4	0	4
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	42	0	42
Private Non-profit Organizations	0	0	0	0	3	0	3
Foreign	0	0	0	0	0	0	0
Total	0	1	0	0	56	0	57
1990^f Social sciences							
Federal Government	0	0	0	0	5	0	5
Provincial Governments	0	2	0	0	6	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	42	0	42
Private Non-profit Organizations	0	0	0	0	3	0	3
Foreign	0	0	0	0	0	0	0
Total	0	2	0	0	56	0	58
1991^f Social sciences							
Federal Government	0	0	0	0	5	0	5
Provincial Governments	0	1	0	0	8	0	9
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^f 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^f 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

Provincial GERD 1989 to 1998

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							
1994^f 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
1995^f Social sciences							
Federal Government	0	0	0	0	11	0	11
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	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	64	0	64
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	0	0	0
Higher Education	0	0	0	0	38	0	38
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	8	0	8
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	36	0	36
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

Provincial GERD 1989 to 1998

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							
1989^f Social sciences							
Federal Government	0	0	0	0	7	0	7
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	47	0	47
Private Non-profit Organizations	0	0	0	0	3	0	3
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	60	0	60
1990^f 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	42	0	42
Private Non-profit Organizations	0	0	0	0	3	0	3
Foreign	0	0	0	0	0	0	0
Total	0	1	0	0	56	0	57
1991^f 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	0	0	0
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	61	0	61
1992^f 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^f 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

Provincial GERD 1989 to 1998

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							
1994^f 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
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	0	0	0
Higher Education	0	0	0	0	54	0	54
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	5	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	56	0	56
Private Non-profit Organizations	0	0	0	0	6	0	6
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	80	0	80
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	56	0	56
Private Non-profit Organizations	0	0	0	0	6	0	6
Foreign	0	0	0	0	0	0	0
Total	0	0	0	0	80	0	80

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