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Natural Sciences and Engineering  
Research Council of Canada

Conseil de recherches en sciences  
naturelles et en génie du Canada





Table 2

NSERC Grants & Scholarships Expenditures<sup>1</sup> by Province and Territory 1998-99 - 2007-08

(thousands of dollars)	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
Yukon Territory	-	-	-	25	18	24	22	19	19	25
British Columbia	63,812	72,267	65,900	64,310	70,083	77,059	82,903	88,023	90,222	106,382
Alberta	42,452	47,012	51,188	50,081	52,248	58,222	63,020	65,639	66,236	71,830
Saskatchewan	12,460	13,749	15,118	13,195	14,186	17,605	26,129	27,862	29,259	33,441
Manitoba	9,931	10,610	11,311	10,674	12,088	14,076	15,428	15,537	16,517	19,305
Ontario	168,611	178,471	180,036	179,556	192,068	212,231	228,154	244,560	258,090	284,146
Quebec	103,045	109,939	110,533	110,578	122,330	139,876	151,422	157,905	161,104	172,625
New Brunswick	6,857	7,370	7,739	7,102	7,426	8,417	9,312	10,570	11,000	11,047
Nova Scotia	13,447	17,303	16,706	18,223	19,008	19,036	21,199	21,617	23,973	23,937
Prince Edward Island	620	583	783	810	1,207	1,237	1,039	1,002	785	832
Newfoundland	7,206	7,157	6,792	6,727	5,878	7,324	7,174	7,632	8,075	8,996
Other in Canada	12,463	15,747	17,374	17,845	18,425	19,273	18,245	21,597	20,806	10,450
Total in Canada	440,904	480,207	483,479	479,127	514,966	574,380	624,048	661,963	686,088	743,015
Outside Canada	9,783	11,417	11,423	11,078	10,504	12,299	12,539	13,901	12,732	13,304
<b>TOTAL</b>	<b>450,686</b>	<b>491,624</b>	<b>494,903</b>	<b>490,206</b>	<b>525,469</b>	<b>586,679</b>	<b>636,586</b>	<b>675,863</b>	<b>698,819</b>	<b>756,320</b>

  

(thousands of constant 1998 dollars)	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
Yukon Territory	-	-	-	23	17	22	19	16	16	20
British Columbia	63,812	71,054	62,214	60,030	64,752	68,923	71,855	73,800	73,900	84,442
Alberta	42,452	46,223	48,325	46,749	48,274	52,075	54,621	55,033	54,253	57,015
Saskatchewan	12,460	13,519	14,272	12,317	13,107	15,746	22,647	23,360	23,966	26,544
Manitoba	9,931	10,432	10,679	9,964	11,169	12,590	13,372	13,026	13,529	15,323
Ontario	168,611	175,476	169,967	167,608	177,458	189,823	197,747	205,042	211,399	225,543
Quebec	103,045	108,094	104,352	103,220	113,025	125,107	131,242	132,390	131,959	137,022
New Brunswick	6,857	7,246	7,307	6,629	6,862	7,528	8,071	8,862	9,010	8,769
Nova Scotia	13,447	17,013	15,772	17,010	17,562	17,026	18,374	18,124	19,636	19,000
Prince Edward Island	620	573	739	756	1,115	1,106	901	840	643	660
Newfoundland	7,206	7,037	6,412	6,280	5,431	6,551	6,218	6,399	6,614	7,141
Other in Canada	12,463	15,483	16,402	16,658	17,024	17,238	15,814	18,107	17,042	8,295
Total in Canada	440,904	472,149	456,441	447,245	475,794	513,735	540,880	554,999	561,967	589,774
Outside Canada	9,783	11,225	10,785	10,341	9,705	11,000	10,868	11,654	10,428	10,560
<b>TOTAL</b>	<b>450,686</b>	<b>483,374</b>	<b>467,225</b>	<b>457,586</b>	<b>485,498</b>	<b>524,736</b>	<b>551,748</b>	<b>566,654</b>	<b>572,396</b>	<b>600,334</b>

  

(percent distribution)	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
Yukon Territory	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0
British Columbia	14.2	14.7	13.3	13.1	13.3	13.1	13.0	13.0	12.9	14.1
Alberta	9.4	9.6	10.3	10.2	9.9	9.9	9.9	9.7	9.5	9.5
Saskatchewan	2.8	2.8	3.1	2.7	2.7	3.0	4.1	4.1	4.2	4.4
Manitoba	2.2	2.2	2.3	2.2	2.3	2.4	2.4	2.3	2.4	2.6
Ontario	37.4	36.3	36.4	36.6	36.6	36.2	35.8	36.2	36.9	37.6
Quebec	22.9	22.4	22.3	22.6	23.3	23.8	23.8	23.4	23.1	22.8
New Brunswick	1.5	1.5	1.6	1.4	1.4	1.4	1.5	1.6	1.6	1.5
Nova Scotia	3.0	3.5	3.4	3.7	3.6	3.2	3.3	3.2	3.4	3.2
Prince Edward Island	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
Newfoundland	1.6	1.5	1.4	1.4	1.1	1.2	1.1	1.1	1.2	1.2
Other in Canada	2.8	3.2	3.5	3.6	3.5	3.3	2.9	3.2	3.0	1.4
Total in Canada	97.8	97.7	97.7	97.7	98.0	97.9	98.0	97.9	98.2	98.2
Outside Canada	2.2	2.3	2.3	2.3	2.0	2.1	2.0	2.1	1.8	1.8
<b>TOTAL</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

1. Excludes Networks Centres of Excellence, Perimeter Institute and Canada Research Chairs.

Table 3

NSERC Grants & Scholarships Expenditures<sup>1</sup> by Riding 1998-99 - 2007-08

(thousands of dollars)	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
<b>Yukon Territory</b>										
Yukon	-	-	-	25	18	24	22	19	19	25
<b>British Columbia</b>										
Abbotsford	-	-	-	10	14	14	3	41	196	84
Burnaby-Douglas	9,770	10,927	11,769	11,210	12,391	12,924	15,375	15,780	16,295	17,175
Cariboo-Prince George	661	728	793	741	807	1,335	1,059	1,180	1,494	2,259
Esquimalt-Juan de Fuca	-	9	22	27	28	38	14	63	52	50
Kamloops-Thompson	-	37	101	90	76	70	138	145	334	343
Kelowna	43	119	113	148	267	410	732	95	-	-
Langley	-	25	25	25	43	50	91	58	82	85
Nanaimo-Cowichan	-	-	-	24	11	29	49	71	81	276
Vancouver Quadra	39,286	42,381	36,841	37,414	39,346	43,004	45,782	51,344	51,410	60,694
Victoria	8,732	10,282	9,443	9,837	10,281	11,979	13,511	14,558	15,625	19,461
<b>Alberta</b>										
Athabasca	9	9	20	35	32	90	93	103	81	37
Calgary West	14,553	15,701	15,550	16,170	17,764	19,714	21,272	23,583	23,741	25,473
Edmonton East	-	-	-	-	-	-	-	-	-	24
Edmonton-Strathcona	26,658	29,913	33,952	32,228	32,668	36,329	38,852	39,268	39,448	43,002
Lethbridge	1,232	1,390	1,666	1,645	1,779	2,084	2,698	2,576	2,855	3,286
Red Deer	-	-	-	3	5	5	5	6	12	8
Wild Rose	-	-	-	-	-	-	100	103	100	-
<b>Saskatchewan</b>										
Saskatoon-Humboldt	10,221	11,070	12,010	10,630	11,540	14,538	23,076	24,632	26,465	29,804
Wascana	2,239	2,679	3,108	2,565	2,646	3,067	3,053	3,230	2,795	3,637
<b>Manitoba</b>										
Brandon-Souris	196	215	245	244	264	249	360	319	261	337
Saint Boniface	-	-	-	-	-	-	-	-	25	14
Winnipeg Centre	620	621	667	556	655	668	863	1,006	1,109	1,198
Winnipeg South	9,116	9,774	10,399	9,874	11,169	13,158	14,205	14,212	15,122	17,756
<b>Ontario</b>										
Ancaster-Dundas-Flamborough-Westdale	16,228	18,420	16,472	15,955	17,372	20,711	21,181	23,805	24,001	24,576
Barrie	-	-	-	10	10	10	-	-	-	-
Guelph	13,785	13,720	15,617	15,724	16,105	17,733	18,766	20,934	23,129	24,259
Kingston and the Islands	17,532	18,257	18,525	19,584	21,287	22,751	23,422	23,717	25,733	36,322
Kitchener-Waterloo	25,028	25,382	26,064	25,786	26,826	31,048	33,099	35,349	38,603	42,077
Leeds-Grenville	-	-	-	-	-	-	-	-	-	15
London North Centre	13,807	14,485	14,810	14,202	15,230	17,288	16,739	18,854	18,798	20,376
Nipissing-Timiskaming	-	-	28	46	92	162	119	149	184	201
Ottawa Centre	8,797	8,981	9,452	9,479	10,264	10,770	11,346	10,910	11,815	13,293
Ottawa-Vanier	9,505	11,140	11,039	11,091	11,937	14,127	16,290	17,776	18,091	18,829
Peterborough	1,360	1,752	2,028	2,177	2,607	2,221	2,271	2,519	2,925	3,766
Sudbury	1,636	1,726	2,050	1,622	1,911	1,824	2,683	2,851	2,995	2,759
Thunder Bay-Superior North	1,113	1,153	1,218	1,374	1,553	1,553	2,178	2,723	2,809	3,619
Toronto-Centre	1,255	1,463	1,953	2,206	2,343	2,719	2,775	3,500	4,171	4,292
Trinity-Spadina	45,926	48,022	46,321	45,875	50,310	54,264	58,981	61,463	63,875	66,903
Welland	1,316	1,277	1,619	1,913	2,122	2,185	2,834	3,040	3,227	3,090
Whitby-Oshawa	-	-	-	-	-	49	264	800	1,085	1,648
Windsor West	4,448	5,139	4,901	4,900	5,167	6,175	6,842	7,140	7,112	8,061
York West	6,223	6,999	7,280	6,942	6,933	7,440	8,364	8,180	8,662	9,120
<b>Quebec</b>										
Abitibi-Témiscamingue	283	355	375	520	709	697	1,009	986	1,186	1,481
Ahuntsic	-	-	-	5	5	-	-	-	-	-
Chicoutimi-Le Fjord	1,192	1,369	1,306	1,184	1,889	1,656	1,762	1,868	2,001	2,088
Hull-Aylmer	242	215	266	215	285	394	506	534	715	669
Jeanne-Le Ber	1,336	1,740	1,587	1,725	1,780	2,200	2,322	2,749	3,834	4,661
Lévis-Bellechasse	-	-	-	-	-	-	100	100	290	-
Louis-Hébert	27,287	29,497	27,789	26,265	28,976	34,227	37,495	36,725	37,910	39,094
Outremont	262	291	346	436	440	574	623	680	615	735
Québec	130	118	124	-	25	1,245	1,507	1,610	1,652	1,638
Rimouski-Témiscouata	384	895	1,159	1,021	1,123	1,328	1,808	2,199	2,640	3,122
Sherbrooke	8,008	7,344	7,866	8,162	9,471	10,356	11,298	12,051	13,600	17,029
Trois-Rivières	2,158	2,199	2,452	1,846	2,337	2,214	2,675	2,888	2,690	2,353
Westmount-Ville-Marie	61,762	65,915	67,264	69,200	75,290	84,984	90,319	95,514	93,973	99,755
<b>New Brunswick</b>										
Acadie-Bathurst	-	-	-	-	23	39	28	23	32	19
Beauséjour	607	542	600	583	576	718	815	998	927	1,146
Fredericton	5,422	5,928	6,179	5,643	5,772	6,582	7,450	8,260	9,017	8,932
Moncton-Riverview-Dieppe	677	718	760	675	854	848	789	1,047	918	903
<b>Nova Scotia</b>										
Halifax	11,176	15,143	14,151	15,742	16,299	15,813	17,577	18,007	19,730	20,468
Kings-Hants	856	791	1,016	821	954	1,299	1,193	1,388	1,408	1,252
North Nova	324	371	414	484	508	701	689	543	906	667
Nova Centre	917	910	1,035	1,043	1,128	1,101	1,513	1,334	1,436	1,389
Sydney-Victoria	175	87	91	117	102	101	127	144	187	160
West Nova	-	-	-	16	18	22	100	200	306	-
<b>Prince Edward Island</b>										
Charlottetown	620	583	783	810	1,207	1,237	1,039	1,002	785	832
<b>Newfoundland</b>										
St. John's North	7,206	7,157	6,792	6,727	5,878	7,324	7,174	7,632	8,075	8,996

1. Excludes Networks Centres of Excellence, Perimeter Institute and Canada Research Chairs and includes only payments made to universities and colleges.

Table 4

NSERC Grants & Scholarships Expenditures<sup>1</sup> by Metropolitan Area 1998-99 - 2007-08

(thousands of dollars)	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
<b>Yukon Territory</b>										
Whitehorse	-	-	-	25	18	24	22	19	19	25
<b>British Columbia</b>										
Abbotsford	-	-	-	10	14	14	3	41	196	84
Kamloops	-	37	101	90	76	70	138	145	334	343
Kelowna	43	119	113	148	267	410	732	95	-	-
Nanaimo	-	-	-	24	11	29	49	71	81	276
Prince George	661	728	793	741	807	1,335	1,059	1,180	1,494	2,259
Vancouver	49,056	53,334	48,635	48,649	51,780	55,979	61,248	67,181	67,787	77,954
Victoria	8,732	10,291	9,465	9,864	10,308	12,017	13,525	14,621	15,677	19,511
<b>Alberta</b>										
Calgary	14,553	15,701	15,550	16,170	17,764	19,714	21,272	23,583	23,741	25,473
Edmonton	26,658	29,913	33,952	32,228	32,668	36,329	38,852	39,268	39,448	43,026
Lethbridge	1,232	1,390	1,666	1,645	1,779	2,084	2,698	2,576	2,855	3,286
Red Deer	-	-	-	3	5	5	5	6	12	8
<b>Saskatchewan</b>										
Regina	2,239	2,679	3,108	2,565	2,646	3,067	3,053	3,230	2,795	3,637
Saskatoon	10,221	11,070	12,010	10,630	11,540	14,538	23,076	24,632	26,465	29,804
<b>Manitoba</b>										
Brandon	196	215	245	244	264	249	360	319	261	337
Winnipeg	9,735	10,395	11,066	10,430	11,824	13,826	15,068	15,218	16,256	18,968
<b>Ontario</b>										
Barrie	-	-	-	10	10	10	-	-	-	-
Brockville	-	-	-	-	-	-	-	-	-	15
Greater Sudbury	1,636	1,726	2,050	1,622	1,911	1,824	2,683	2,851	2,995	2,759
Guelph	13,785	13,720	15,617	15,724	16,105	17,733	18,766	20,934	23,129	24,259
Hamilton	16,228	18,420	16,472	15,955	17,372	20,711	21,181	23,805	24,001	24,576
Kingston	17,532	18,257	18,525	19,584	21,287	22,751	23,422	23,717	25,733	36,322
Kitchener	25,028	25,382	26,064	25,786	26,826	31,048	33,099	35,349	38,603	42,077
London	13,807	14,485	14,810	14,202	15,230	17,288	16,739	18,854	18,798	20,376
North Bay	-	-	28	46	92	162	119	149	184	201
Oshawa	-	-	-	-	-	49	264	800	1,085	1,648
Peterborough	1,360	1,752	2,028	2,177	2,607	2,221	2,271	2,519	2,925	3,766
St. Catharines - Niagara	1,316	1,277	1,619	1,913	2,122	2,185	2,834	3,040	3,227	3,090
Thunder Bay	1,113	1,153	1,218	1,374	1,553	1,553	2,178	2,723	2,809	3,619
Toronto	53,404	56,484	55,554	55,023	59,586	64,423	70,120	73,143	76,708	80,314
Windsor	4,448	5,139	4,901	4,900	5,167	6,175	6,842	7,140	7,112	8,061
<b>Quebec</b>										
Chicoutimi-Jonquière	1,192	1,369	1,306	1,184	1,889	1,656	1,762	1,868	2,001	2,088
Montréal	63,360	67,946	69,197	71,366	77,515	87,758	93,264	98,943	98,422	105,151
Québec	27,417	29,615	27,913	26,265	29,001	35,472	39,102	38,435	39,851	40,731
Rimouski	384	895	1,159	1,021	1,123	1,328	1,808	2,199	2,640	3,122
Rouyn-Noranda	283	355	375	520	709	697	1,009	986	1,186	1,481
Sherbrooke	8,008	7,344	7,866	8,162	9,471	10,356	11,298	12,051	13,600	17,029
Trois-Rivières	2,158	2,199	2,452	1,846	2,337	2,214	2,675	2,888	2,690	2,353
<b>New Brunswick</b>										
Bathurst	-	-	-	-	23	39	28	23	32	19
Fredericton	5,422	5,928	6,179	5,643	5,772	6,582	7,450	8,260	9,017	8,932
Moncton	677	718	760	675	854	848	789	1,047	918	903
<b>Nova Scotia</b>										
Halifax	11,176	15,143	14,151	15,742	16,299	15,813	17,577	18,007	19,730	20,468
Truro	324	371	414	484	508	701	689	543	906	667
<b>Prince Edward Island</b>										
Charlottetown	620	583	783	810	1,207	1,237	1,039	1,002	785	832
<b>Newfoundland</b>										
St. John's	7,206	7,157	6,792	6,727	5,878	7,324	7,174	7,632	8,075	8,996
<b>National Capital Region</b>										
Ottawa-Hull	18,545	20,336	20,757	20,785	22,486	25,292	28,142	29,219	30,621	32,790

1. Excludes Networks Centres of Excellence, Perimeter Institute and Canada Research Chairs and includes only payments made to universities and colleges.

Table 5

**People Programs Expenditures 1998-99 - 2007-08**  
 (thousands of dollars)

	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
<b>Developing Highly Qualified Personnel</b>										
Postgraduate Scholarships <sup>1</sup>	48,037	50,738	47,828	48,381	53,839	57,081	51,893	48,481	46,480	50,324
Canada Graduate Scholarships	-	-	-	-	-	7,192	15,862	24,835	31,442	37,312
Postdoctoral Fellowships	10,918	12,395	11,988	11,370	11,718	14,379	15,682	18,257	14,859	15,197
Undergraduate Awards (USRA) - University	381	9,845	10,023	10,147	12,540	15,667	15,777	15,707	15,670	15,610
Science Promotion <sup>2</sup>	-	-	1,346	1,880	2,064	2,320	2,683	3,650	3,655	3,902
Subtotal	59,335	72,978	71,184	71,778	80,161	96,639	101,897	110,930	112,106	122,345
<b>Promoting/Rewarding Research Excellence</b>										
Canada Research Chairs	-	-	5,125	27,050	47,475	67,628	86,396	100,247	111,179	115,882
University Faculty Awards	-	720	1,600	2,423	3,180	3,806	3,977	4,385	4,285	4,038
Women's Faculty Awards	15	46	-	18	-	-	-	-	-	-
Northern Research Chairs	-	-	-	-	1,095	740	1,450	1,455	1,215	1,192
Prizes <sup>3</sup>	955	862	1,174	1,255	1,381	1,321	1,334	1,271	1,781	2,108
Subtotal	971	1,628	7,899	30,746	53,131	73,495	93,157	107,358	118,459	123,220
<b>Industrial/Government Interaction</b>										
Industrial Research Chairs	9,989	11,037	7,324	9,516	9,774	13,915	15,399	16,342	21,439	20,373
New Faculty Support	826	823	599	198	153	105	105	-	-	-
Chairs for Women in Science and Engineering	250	250	250	250	50	125	245	240	270	340
Chairs in Management of Technological Change	988	1,014	662	328	590	873	406	415	317	93
Chairs in Design Engineering	-	1,149	713	1,708	1,665	1,740	2,527	1,449	1,928	1,652
Chairs in Fuel Cell Technology	-	-	-	280	355	555	555	459	400	-
Undergraduate Awards (USRA) - Industry	1,809	1,938	2,212	2,384	2,846	3,209	3,632	3,582	3,313	3,425
Industrial Postgraduate Scholarships	3,060	2,747	3,139	3,959	4,210	5,387	6,679	6,391	5,986	5,789
Industrial Scholarship in Partnership with the FQRNT	-	-	-	-	-	-	-	-	-	158
Industrial Research and Development Fellowships	2,862	3,046	3,191	3,296	3,727	4,205	4,381	4,422	4,146	3,662
Subtotal	19,784	22,006	18,090	21,919	23,369	30,115	33,929	33,300	37,799	35,493
<b>TOTAL</b>	<b>80,090</b>	<b>96,612</b>	<b>97,173</b>	<b>124,443</b>	<b>156,661</b>	<b>200,249</b>	<b>228,983</b>	<b>251,589</b>	<b>268,364</b>	<b>281,057</b>

1. Includes Postgraduate, 1967 Science and Engineering, Fuel Cell Postgraduate Stipends, Summer Program in Japan, Summer Program in Taiwan, and Northern Research Internships.

2. Includes PromoScience, Spark and Michael Smith Awards, Miscellaneous Student Awards, and Centres for Research in Youth, Science Teaching and Learning.

3. Includes Gold Medal, Steacie Fellowship Salaries, Synergy Awards, Doctoral Prizes, Brockhouse, Polanyi and Innovation Challenge Awards.

Table 6

**People Programs Expenditures 1998-99 - 2007-08**  
(thousands of constant 1998 dollars)

	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
<b>Developing Highly Qualified Personnel</b>										
Postgraduate Scholarships <sup>1</sup>	48,037	49,887	45,153	45,162	49,744	51,054	44,978	40,647	38,071	39,945
Canada Graduate Scholarships	-	-	-	-	-	6,432	13,748	20,822	25,754	29,616
Postdoctoral Fellowships	10,918	12,187	11,317	10,614	10,827	12,861	13,592	15,307	12,170	12,062
Undergraduate Awards (USRA) - University Science Promotion <sup>2</sup>	381	9,679	9,462	9,472	11,586	14,013	13,674	13,169	12,835	12,391
	-	-	1,271	1,755	1,907	2,075	2,325	3,061	2,994	3,097
Subtotal	59,335	71,754	67,203	67,002	74,064	86,436	88,317	93,006	91,825	97,112
<b>Promoting/Rewarding Research Excellence</b>										
Canada Research Chairs	-	-	4,838	25,250	43,864	60,488	74,882	84,048	91,065	91,982
University Faculty Awards	-	708	1,511	2,262	2,938	3,404	3,447	3,677	3,509	3,205
Women's Faculty Awards	15	45	-	17	-	-	-	-	-	-
Northern Research Chairs Prizes <sup>3</sup>	-	-	-	-	1,012	662	1,257	1,220	995	946
	955	848	1,108	1,171	1,276	1,181	1,157	1,066	1,458	1,673
Subtotal	971	1,600	7,457	28,700	49,090	65,735	80,742	90,011	97,028	97,806
<b>Industrial/Government Interaction</b>										
Industrial Research Chairs	9,989	10,852	6,914	8,883	9,031	12,446	13,347	13,701	17,560	16,171
New Faculty Support	826	810	566	185	141	94	91	-	-	-
Chairs for Women in Science and Engineering	250	246	236	233	46	112	212	201	221	270
Chairs in Management of Technological Change	988	997	625	306	545	781	352	348	260	74
Chairs in Design Engineering	-	1,130	673	1,594	1,538	1,556	2,190	1,215	1,579	1,312
Chairs in Fuel Cell Technology	-	-	-	261	328	496	481	385	328	-
Undergraduate Awards (USRA) - Industry	1,809	1,906	2,088	2,226	2,629	2,870	3,148	3,003	2,714	2,718
Industrial Postgraduate Scholarships	3,060	2,701	2,964	3,696	3,890	4,818	5,789	5,359	4,903	4,595
Industrial Scholarship in Partnership with the FQRNT	-	-	-	-	-	-	-	-	-	126
Industrial Research and Development Fellowships	2,862	2,995	3,013	3,076	3,443	3,761	3,797	3,707	3,396	2,907
Subtotal	19,784	21,637	17,078	20,460	21,592	26,935	29,407	27,919	30,961	28,173
<b>TOTAL</b>	<b>80,090</b>	<b>94,990</b>	<b>91,739</b>	<b>116,163</b>	<b>144,745</b>	<b>179,106</b>	<b>198,467</b>	<b>210,936</b>	<b>219,814</b>	<b>223,091</b>

1. Includes Postgraduate, 1967 Science and Engineering, Fuel Cell Postgraduate Stipends, Summer Program in Japan, Summer Program in Taiwan, and Northern Research Internships.

2. Includes PromoScience, Spark and Michael Smith Awards, Miscellaneous Student Awards, and Centres for Research in Youth, Science Teaching and Learning.

3. Includes Gold Medal, Steacie Fellowship Salaries, Synergy Awards, Doctoral Prizes, Brockhouse, Polanyi and Innovation Challenge Awards.

**Table 7**

**Discovery Programs Expenditures 1998-99 - 2007-08**  
(thousands of dollars)

	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
<b>DISCOVERY GRANTS</b>										
Individual	208,460	220,783	237,648	232,247	251,946	265,233	268,064	292,063	300,453	303,806
Team	2,454	2,568	3,325	3,539	3,849	3,279	3,162	3,243	2,816	2,467
Project	-	63	63	44	44	-	-	-	-	-
Institutes and Initiatives	-	3,297	3,297	3,297	3,297	4,003	4,003	4,003	4,003	3,069
Accelerator Grant/ Leadership Support/ Northern Suppl.	-	-	-	-	-	1,118	2,303	2,326	2,399	4,841
Ship Time	-	-	-	-	-	938	877	879	969	858
Women's Faculty Awards	729	451	33	33	-	23	-	-	-	-
Subtotal	211,643	227,162	244,365	239,160	259,136	274,594	278,409	302,514	310,639	315,042
<b>COLLABORATIVE RESEARCH INITIATIVES</b>										
Collaborative Research Opportunities	-	2,319	2,645	5,208	5,347	4,706	3,346	2,863	1,233	232
Special Research Opportunities	-	-	-	-	-	25	2,656	5,750	9,862	10,325
Collaborative Special Projects	3,882	795	320	206	236	-	-	-	-	-
Collaborative Project Grants	238	-	-	-	-	-	-	-	-	-
Subtotal	4,120	3,114	2,965	5,414	5,583	4,730	6,002	8,613	11,095	10,557
<b>RESEARCH TOOLS AND INSTRUMENTS</b>										
Category 1 (\$7,000 - \$150,000)	31,969	37,228	30,668	20,000	9,680	24,503	40,648	37,157	47,072	37,138
Category 2 (\$150,000 - \$325,000)	6,754	5,080	1,541	1,737	579	-	-	-	-	-
Category 3 (>\$325,000)	9,271	3,919	3,918	3,457	1,860	-	-	-	-	-
Subtotal	47,994	46,227	36,127	25,193	12,119	24,503	40,648	37,157	47,072	37,138
<b>MAJOR RESOURCES SUPPORT</b>										
	3,639	5,389	6,978	8,111	9,070	13,454	19,689	21,088	23,105	32,671
<b>SUBATOMIC PHYSICS ENVELOPE</b>										
Discovery Grants	12,492	12,629	14,790	14,578	16,513	16,879	17,859	17,150	17,684	18,357
Research Tools and Instruments Grants	3,088	4,344	4,003	2,361	3,134	2,927	3,476	4,387	3,772	3,706
MRS/Infrastructure Grants	3,239	3,169	831	847	794	1,026	1,017	982	978	2,490
Subtotal	18,819	20,142	19,624	17,786	20,441	20,832	22,352	22,520	22,433	24,552
<b>INTERNATIONAL PROGRAMS</b>										
International Opportunity Fund	23	587	738	556	645	341	-	-	-	-
Subtotal	23	587	738	556	645	341	-	-	-	-
<b>SMALL UNIVERSITY CAPACITY DEVELOPMENT</b>										
	-	-	-	-	-	-	2,029	2,053	1,888	2,175
<b>PERIMETER INSTITUTE</b>										
	-	-	-	-	5,000	5,000	5,000	5,000	5,000	-
<b>INTERNATIONAL POLAR YEAR</b>										
	-	-	-	-	-	-	-	-	-	12,087
<b>GENERAL SUPPORT</b>										
	1,009	1,343	1,329	1,315	1,784	1,521	1,407	1,483	1,195	1,265
<b>TOTAL</b>	<b>287,246</b>	<b>303,964</b>	<b>312,126</b>	<b>297,535</b>	<b>313,778</b>	<b>344,975</b>	<b>375,536</b>	<b>400,427</b>	<b>422,427</b>	<b>435,488</b>

Table 8

**Discovery Programs Expenditures 1998-99 - 2007-08**  
 (thousands of constant 1998 dollars)

	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
<b>DISCOVERY GRANTS</b>										
Individual	208,460	217,078	224,358	216,793	232,781	237,229	232,339	244,870	246,098	241,148
Team	2,454	2,525	3,139	3,304	3,556	2,933	2,740	2,719	2,306	1,958
Project	-	62	59	41	41	-	-	-	-	-
Institutes and Initiatives	-	3,242	3,113	3,078	3,046	3,580	3,469	3,356	3,279	2,436
Accelerator Grant/ Leadership Support/ Northern Suppl.	-	-	-	-	-	1,000	1,996	1,950	1,965	3,843
Ship Time	-	-	-	-	-	839	760	737	794	681
Women's Faculty Awards	729	444	31	31	-	21	-	-	-	-
Subtotal	211,643	223,350	230,699	223,246	239,424	245,601	241,305	253,632	254,441	250,067
<b>COLLABORATIVE RESEARCH INITIATIVES</b>										
Collaborative Research Opportunities	-	2,280	2,497	4,861	4,941	4,209	2,900	2,401	1,010	184
Special Research Opportunities	-	-	-	-	-	22	2,302	4,821	8,078	8,196
Collaborative Special Projects	3,882	782	302	193	218	-	-	-	-	-
Collaborative Project Grants	238	-	-	-	-	-	-	-	-	-
Subtotal	4,120	3,062	2,799	5,054	5,159	4,231	5,202	7,221	9,088	8,380
<b>RESEARCH TOOLS AND INSTRUMENTS</b>										
Category 1 (\$7,000 - \$150,000)	31,969	36,604	28,953	18,669	8,943	21,916	35,231	31,153	38,556	29,479
Category 2 (\$150,000 - \$325,000)	6,754	4,995	1,455	1,621	535	-	-	-	-	-
Category 3 (>\$325,000)	9,271	3,853	3,698	3,227	1,719	-	-	-	-	-
Subtotal	47,994	45,451	34,107	23,517	11,197	21,916	35,231	31,153	38,556	29,479
<b>MAJOR RESOURCES SUPPORT</b>										
	3,639	5,298	6,588	7,571	8,380	12,033	17,065	17,680	18,925	25,933
<b>SUBATOMIC PHYSICS ENVELOPE</b>										
Discovery Grants	12,492	12,417	13,963	13,608	15,257	15,097	15,479	14,379	14,485	14,571
Research Tools and Instruments Grants	3,088	4,271	3,779	2,203	2,895	2,618	3,012	3,679	3,090	2,942
MRS/Infrastructure Grants	3,239	3,116	784	791	734	917	882	823	801	1,976
Subtotal	18,819	19,804	18,526	16,602	18,886	18,632	19,373	18,881	18,375	19,488
<b>INTERNATIONAL PROGRAMS</b>										
International Opportunity Fund	23	577	697	519	596	305	-	-	-	-
Subtotal	23	577	697	519	596	305	-	-	-	-
<b>SMALL UNIVERSITY CAPACITY DEVELOPMENT</b>										
	-	-	-	-	-	-	1,759	1,721	1,546	1,726
<b>PERIMETER INSTITUTE</b>										
	-	-	-	-	4,620	4,472	4,334	4,192	4,095	-
<b>INTERNATIONAL POLAR YEAR</b>										
	-	-	-	-	-	-	-	-	-	9,594
<b>GENERAL SUPPORT</b>										
	1,009	1,321	1,255	1,227	1,649	1,360	1,219	1,243	979	1,004
<b>TOTAL</b>	<b>287,246</b>	<b>298,863</b>	<b>294,671</b>	<b>277,737</b>	<b>289,910</b>	<b>308,551</b>	<b>325,488</b>	<b>335,724</b>	<b>346,006</b>	<b>345,672</b>

Table 9

**Innovation Programs Expenditures 1998-99 - 2007-08**  
 (thousands of dollars)

	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
<b>STRATEGIC PROJECTS</b>	29,498	29,802	35,964	36,059	42,820	45,951	48,337	46,714	44,723	67,064
<b>COLLABORATIVE HEALTH RESEARCH PROJECTS</b>	-	2,602	4,930	4,552	4,592	4,487	5,427	4,457	3,213	3,344
<b>GENOMICS PROJECTS</b>	-	2,338	3,922	3,490	3,193	1,438	1,250	111	-	-
<b>STRATEGIC NETWORKS</b>	11,192	9,214	5,367	10,618	13,440	16,382	16,094	15,528	12,062	16,536
<b>COLLABORATIVE R&amp;D PROGRAMS</b>										
Collaborative R&D	18,753	23,490	22,939	24,576	26,605	27,951	29,678	32,451	37,582	44,414
Industrially Oriented Research Program	7,826	4,045	1,912	687	243	-	-	-	-	-
Request for Applications	160	158	-	-	-	-	-	-	-	-
Cooperative Activities	2,120	6,324	1,402	1,999	2,041	1,663	799	496	663	-
Subtotal	28,858	34,016	26,254	27,262	28,889	29,614	30,477	32,947	38,245	44,414
<b>TECHNOLOGY TRANSFER PROGRAMS</b>										
Technology Partnerships Program	1,315	1,600	989	529	965	1,181	684	258	-	-
Intellectual Property Management	3,498	2,864	3,032	2,812	2,211	2,785	2,850	3,067	3,254	3,553
Idea to Innovation	-	-	-	-	-	401	5,923	9,614	6,172	5,474
College and Community Innovation	-	-	-	-	-	-	500	796	1,240	250
Subtotal	4,813	4,464	4,020	3,341	3,177	4,367	9,957	13,736	10,666	9,277
<b>CANADIAN MICROELECTRONICS CORPORATION</b>	4,700	5,900	7,300	7,300	6,000	5,600	4,800	9,700	9,700	9,231
<b>RESEARCH AGREEMENTS</b>	4,289	2,711	2,971	2,655	3,394	4,244	5,121	4,901	4,148	4,723
<b>NSERC INNOVATION PLATFORMS</b>	-	-	-	-	2,000	2,000	2,000	1,000	1,451	1,067
<b>NETWORKS OF CENTRES OF EXCELLENCE</b>	27,300	35,292	38,817	38,283	38,172	38,125	38,200	40,100	40,200	40,200
<b>CENTRES OF EXCELLENCE FOR COMMERCIALIZATION &amp; RESEARCH</b>	-	-	-	-	-	-	-	-	-	57,176
<b>TOTAL</b>	<b>110,650</b>	<b>126,340</b>	<b>129,546</b>	<b>133,560</b>	<b>145,676</b>	<b>152,208</b>	<b>161,663</b>	<b>169,195</b>	<b>164,407</b>	<b>253,033</b>

Table 10

**Innovation Programs Expenditures 1998-99 - 2007-08**  
 (thousands of constant 1998 dollars)

	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
<b>STRATEGIC PROJECTS</b>	29,498	29,302	33,953	33,659	39,563	41,100	41,895	39,166	36,632	53,232
<b>COLLABORATIVE HEALTH RESEARCH PROJECTS</b>	-	2,559	4,654	4,249	4,242	4,013	4,704	3,737	2,632	2,654
<b>GENOMICS PROJECTS</b>	-	2,299	3,703	3,258	2,950	1,287	1,084	93	-	-
<b>STRATEGIC NETWORKS</b>	11,192	9,059	5,067	9,911	12,418	14,652	13,949	13,019	9,880	13,126
<b>UNIVERSITY-INDUSTRY PROJECTS</b>										
Collaborative R&D	18,753	23,096	21,657	22,941	24,581	25,000	25,722	27,207	30,783	35,254
Industrially Oriented Research Program	7,826	3,977	1,805	642	225	-	-	-	-	-
Request for Applications	160	155	-	-	-	-	-	-	-	-
Cooperative Activities	2,120	6,217	1,324	1,866	1,886	1,488	693	416	543	-
Subtotal	28,858	33,446	24,785	25,448	26,692	26,487	26,415	27,623	31,326	35,254
<b>TECHNOLOGY PARTNERSHIPS PROGRAM</b>										
Technology Partnerships Program	1,315	1,574	933	494	892	1,056	592	216	-	-
Intellectual Property Management	3,498	2,816	2,862	2,625	2,043	2,491	2,470	2,571	2,665	2,820
Idea to Innovation	-	-	-	-	-	359	5,134	8,061	5,055	4,345
College and Community Innovation	-	-	-	-	-	-	433	668	1,016	198
Subtotal	4,813	4,389	3,796	3,118	2,935	3,906	8,630	11,516	8,736	7,364
<b>CANADIAN MICROELECTRONICS CORPORATION</b>	4,700	5,801	6,892	6,814	5,544	5,009	4,160	8,133	7,945	7,327
<b>RESEARCH AGREEMENTS</b>	4,289	2,665	2,805	2,479	3,136	3,796	4,438	4,109	3,398	3,749
<b>NSERC INNOVATION PLATFORMS</b>	-	-	-	-	1,848	1,789	1,733	838	1,188	847
<b>NETWORKS OF CENTRES OF EXCELLENCE</b>	27,300	34,700	36,646	35,736	35,268	34,100	33,109	33,620	32,927	31,909
<b>CENTRES OF EXCELLENCE FOR COMMERCIALIZATION &amp; RESEARCH</b>	-	-	-	-	-	-	-	-	-	45,384
<b>TOTAL</b>	<b>110,650</b>	<b>124,220</b>	<b>122,301</b>	<b>124,673</b>	<b>134,595</b>	<b>136,138</b>	<b>140,118</b>	<b>141,855</b>	<b>134,664</b>	<b>200,847</b>

Table 11

**Networks of Centres of Excellence Expenditures<sup>1</sup> 1998-99 - 2007-08**  
 (thousands of dollars)

Network	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
Canadian Bacterial Diseases Network	1,900	1,900	1,900	1,900	2,095	1,894	1,712	-	-	-
Canadian Design Research Network (CDRN)	-	-	-	-	-	-	-	150	300	150
Canadian Genetic Diseases Network (CGDN) / Réseau Canadien de maladies génétiques	-	-	-	-	-	-	-	125	125	-
Canadian Institute for Telecommunications Research	3,200	2,500	1,500	500	-	-	-	-	-	-
Canadian Obesity Network (CON)	-	-	-	-	-	-	-	150	250	250
Emerging Dynamic Global Economies Network	-	-	-	-	-	-	-	150	300	150
Institute for Robotics and Intelligent Systems	4,600	4,400	4,300	4,200	4,730	4,457	3,938	250	-	-
Mechanical Wood-Pulps Network <sup>2</sup>	2,000	2,000	2,000	2,000	311	189	-	-	-	-
National Initiative for the Care of the Elderly (NICE)	-	-	-	-	-	-	-	150	339	271
Prionet Canada (BSE/TSE)	-	-	-	-	-	-	-	1,900	2,434	2,362
Promoting Relationships and Eliminating Violence Network	-	-	-	-	-	-	-	150	300	300
Protein Engineering Network of Centres of Excellence	2,950	1,900	2,250	2,250	2,512	2,398	2,104	-	-	-
TeleLearning Research Network	1,828	1,828	1,828	1,828	458	-	-	-	-	-
Sustainable Forest Management	1,507	1,507	1,507	1,507	2,050	2,050	2,050	2,050	2,500	2,500
Intelligent Sensing in Innovative Structures	2,651	2,651	2,651	2,651	3,200	3,200	3,200	3,200	3,200	3,200
Micronet: Microelectronics Devices, Circuits and Systems for Ultra Large Scale Integration	2,300	2,300	2,300	2,300	2,560	2,267	2,073	-	-	-
Geomatics for Informed Decision (GEOID)	1,971	1,982	2,380	2,620	2,483	2,220	2,012	3,510	2,633	2,640
Mathematics of Information Technology and Complex Systems (MITACS)	2,393	2,408	2,880	3,173	3,009	2,687	2,444	4,366	4,496	4,506
Canadian Institute for Photonic Innovations	-	5,741	3,523	3,784	3,615	3,231	2,940	4,243	4,243	4,243
Aquanet	-	2,700	2,700	2,700	2,700	2,700	2,700	2,700	-	-
Canadian Network for Vaccines and Immunotherapeutics of Cancer and Chronic Viral Diseases (CANVAC)	-	1,175	1,175	1,175	1,175	1,175	1,175	1,175	3,999	-
Auto21	-	-	2,963	2,949	3,689	3,808	3,926	4,350	4,350	4,350
Canadian Language and Literacy Research Network	-	-	850	846	1,058	1,091	1,126	1,275	1,275	1,275
Canadian Water Network	-	-	1,910	1,901	2,378	2,455	2,531	2,775	2,775	4,231
ArcticNet	-	-	-	-	-	1,170	2,021	3,265	3,700	3,555
Advanced Foods and Materials Network	-	-	-	-	-	1,010	1,750	2,810	2,780	2,780
AllerGen (Allergy, genes and environment network)	-	-	-	-	-	-	500	1,256	-	828
Canadian Arthritis Network (CAN)	-	-	-	-	-	-	-	-	100	600
Stem Cell Network (SCN)	-	-	-	-	-	-	-	-	100	2,010
Letters of Intent - New Applications	-	300	200	-	150	125	-	100	-	-
<b>TOTAL</b>	<b>27,300</b>	<b>35,292</b>	<b>38,817</b>	<b>38,283</b>	<b>38,172</b>	<b>38,125</b>	<b>38,200</b>	<b>40,100</b>	<b>40,200</b>	<b>40,200</b>

1. Includes only NSERC funding.

2. Formerly Mechanical and Chemimechanical Pulps Network.

Table 12

**NSERC Strategic Networks<sup>1</sup> Expenditures 1998-99 - 2007-08**  
(thousands of dollars)

Network	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
Agile All-Photonic Research Network	-	-	-	-	697	1,400	1,400	1,400	1,400	703
Canadian aquatic invasive species research network	-	-	-	-	-	-	-	238	331	1,537
Canadian Arctic Shelf Exchange Study (CASES)	-	-	-	230	1,381	3,515	3,628	1,172	630	-
Canadian Bovine Mastitis Research Network	-	-	-	-	-	-	-	21	792	2,777
Canadian research network on swine infectious diseases (SidNet) <sup>2</sup>	-	545	155	643	709	664	441	50	90	-
Cell-Factory Bioprocessing Research Network (Cell-Net)	-	-	-	-	226	226	452	557	325	292
Climate System History and Dynamics	1,131	846	674	812	1,104	-	-	-	-	-
Coasts Under Stress	-	760	887	962	87	432	649	-	-	-
Fluxnet-Canada	-	-	-	-	1,259	1,273	1,120	1,134	1,051	-
GLOBEC Canada	1,307	564	-	-	-	-	-	-	-	-
Green Crop Network	-	-	-	-	-	-	-	135	665	1,304
Learning object repositories networks - LORNET	-	-	-	-	-	1,245	1,500	1,500	1,500	1,500
Lithoprobe	4,540	3,480	1,085	640	585	-	-	-	-	-
Mackenzie GEWEX Study (MAGS)	793	699	1,006	281	1,013	1,018	981	696	-	-
Metals in the Environment Research Network (MITE-RN)	621	604	185	751	784	586	-	-	-	-
Metals in The Human Environment (MITHE)	-	-	-	-	-	-	207	818	802	1,044
Network for Computing and Mathematical Modeling	852	570	541	633	-	-	-	-	-	-
Network for Effective Collaboration Technologies (NECTAR)	-	-	-	-	-	172	744	933	998	1,172
Network on Lactic Acid Bacteria (NLAB)	-	609	461	380	-	-	-	-	-	-
NOW Research Network	1,175	512	241	-	-	-	-	-	-	-
Ocean Drilling Program (ODP)	775	-	-	-	-	-	-	-	-	-
Network for the Development and Use of Bioactive Paper (SENTINEL)	-	-	-	-	-	-	-	940	1,578	1,828
Solar Buildings Research Network	-	-	-	-	-	-	-	368	827	1,208
The Biocontrol Network	-	-	-	1,411	1,300	1,300	1,100	1,500	-	-
The Canadian Barcode of Life Network (BOL.ca)	-	-	-	-	-	-	246	739	758	1,190
The Climate Variability Network (CLIVAR)	-	-	-	389	425	500	500	500	-	-
The Collaborative Mercury Research Network (COMERN)	-	-	-	2,582	2,734	2,705	2,348	2,286	-	-
The SOLAS Network (Surface Ocean-Lower Atmosphere Study)	-	-	-	896	1,041	1,236	662	541	-	-
ForValueNet - NSERC Strategic Network on Forest Management for Value-Added Proc	-	-	-	-	-	-	-	-	-	221
NSERC Canadian Healthy Oceans Network (CHONe)	-	-	-	-	-	-	-	-	-	249
NSERC EmbryoGene Network	-	-	-	-	-	-	-	-	-	221
NSERC Magnesium Network (NSERC MagNet)	-	-	-	-	-	-	-	-	-	248
NSERC Solid Oxide Fuel Cells Research Network	-	-	-	-	-	-	-	-	-	249
NSERC Systems Security Network (ISSNet)	-	-	-	-	-	-	-	-	-	249
NSERC Wind Energy Strategic Network	-	-	-	-	-	-	-	-	-	250
Letters of Intent - New Applications	-	26	133	7	95	111	115	-	315	294
<b>TOTAL</b>	<b>11,192</b>	<b>9,214</b>	<b>5,367</b>	<b>10,618</b>	<b>13,440</b>	<b>16,382</b>	<b>16,094</b>	<b>15,528</b>	<b>12,062</b>	<b>16,536</b>

Table 13

**Grants & Scholarships Expenditures<sup>1</sup> by University/College 1998-99 - 2007-08**  
 (thousands of dollars)

University/College	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	Growth <sup>2</sup> (%)
Acadia	856	791	1,016	821	954	1,299	1,193	1,388	1,408	1,252	4.32
Alberta	26,658	29,913	33,952	32,224	32,650	36,291	38,809	39,225	39,403	42,984	5.45
Athabasca	9	9	20	35	32	90	93	103	81	37	17.17
B.C. Institute of Technology	-	-	-	-	-	-	100	193	323	42	-
Bishop's	51	40	44	61	107	114	137	175	205	222	17.69
Brandon	196	215	245	244	264	249	360	319	261	337	6.23
British Columbia	39,286	42,381	36,841	37,414	39,346	43,004	45,782	51,344	51,410	60,694	4.95
Brock	1,316	1,277	1,619	1,913	2,122	2,185	2,784	2,890	2,977	2,940	9.34
Calgary	14,553	15,701	15,550	16,170	17,764	19,714	21,272	23,583	23,741	25,473	6.42
Cape Breton	175	87	91	117	102	101	127	144	187	160	-0.99
Carleton	8,797	8,981	9,452	9,479	10,264	10,770	11,346	10,910	11,815	13,293	4.69
Cégep de Lévis-Lauzon	-	-	-	-	-	-	100	100	290	-	-
Collège communautaire du NB-Bathurst	-	-	-	-	23	39	28	23	32	19	-
Collège des Bois-de-Boulogne	-	-	-	5	5	-	-	-	-	-	-
Collège François-Xavier-Garneau	-	-	-	-	-	-	-	-	42	19	-
Collège univ. de Saint-Boniface	-	-	-	-	-	-	-	-	25	14	-
Concordia	5,578	5,608	6,064	5,817	6,198	6,762	8,377	9,773	9,366	10,612	7.41
Concordia Univ. Coll. of Alberta	-	-	-	-	-	-	-	-	-	24	-
CRIM	30	143	157	125	65	65	68	71	71	75	10.84
C-CORE	421	589	250	216	180	180	194	192	118	14	-31.49
Dalhousie <sup>4</sup>	10,298	14,237	13,155	14,958	15,451	14,839	16,036	16,288	17,811	18,537	6.75
École des H.É.C. <sup>3</sup>	262	291	346	436	440	574	623	680	615	735	12.13
École Polytechnique <sup>3</sup>	10,575	11,607	12,174	11,450	11,938	13,151	15,115	15,380	15,895	17,134	5.51
First Nations University of Canada	-	-	-	11	11	11	-	-	-	-	-
Fraser Valley	-	-	-	10	14	14	3	41	196	84	-
Georgian Coll. of Applied Arts and Tech.	-	-	-	10	10	10	-	-	-	-	-
Guelph	13,785	13,720	15,617	15,724	16,105	17,733	18,766	20,934	23,129	24,259	6.48
King's	-	-	-	4	18	38	43	43	45	18	-
Huntsman Marine	150	182	201	201	202	230	230	243	105	47	-12.10
I.P.P.	650	650	660	670	742	800	823	850	875	940	4.18
Lakehead	1,113	1,153	1,218	1,374	1,553	1,553	2,178	2,723	2,809	3,619	14.00
Laurentian	1,636	1,726	2,050	1,622	1,911	1,824	2,683	2,851	2,995	2,759	5.97
Laval	21,997	23,137	23,031	21,813	23,713	28,128	31,191	29,193	29,991	30,525	3.71
Lethbridge	1,232	1,390	1,666	1,645	1,779	2,084	2,698	2,576	2,855	3,286	11.52
Vancouver Island	-	-	-	24	11	29	49	71	81	276	-
Manitoba	9,116	9,774	10,399	9,874	11,169	13,158	14,205	14,212	15,122	17,756	7.69
McGill	24,587	25,643	26,508	25,503	29,723	34,984	37,400	40,057	40,096	41,044	5.86
McMaster	16,228	18,408	16,464	15,947	17,350	20,694	21,155	23,759	23,960	24,535	4.70
Memorial	6,785	6,567	6,542	6,511	5,698	7,144	6,980	7,440	7,958	8,982	3.17
Moncton	677	718	760	675	854	848	789	1,047	918	903	3.25
Montreal <sup>3</sup>	15,974	17,659	17,567	18,914	19,233	21,759	21,650	22,009	21,460	22,821	4.04
Mount Allison	607	542	600	583	576	718	815	998	927	1,146	7.31
Mount St. Vincent	66	102	122	52	37	51	66	124	247	232	14.91
New Brunswick	5,422	5,928	6,179	5,643	5,772	6,582	7,446	8,260	9,017	8,932	5.70
Niagara	-	-	-	-	-	-	50	150	250	150	-
Nipissing	-	-	28	46	92	162	119	149	184	201	-
Northern British Columbia	661	728	793	741	807	1,335	1,059	1,180	1,494	2,259	14.63
N.S. Agri. College	324	371	414	484	508	701	689	543	906	667	8.35
Nova Scotia Community College	-	-	-	16	18	22	100	200	316	4	-
Okanagan	43	119	113	148	267	410	732	95	-	-	-100.00
Olds College	-	-	-	-	-	-	100	103	100	-	-
Ontario Institute of Technology	-	-	-	-	-	49	264	800	1,085	1,648	-
Ottawa	9,505	11,140	11,039	11,091	11,937	14,127	16,290	17,776	18,091	18,829	7.89
Prince Edward Island	620	583	783	810	1,207	1,237	1,039	1,002	785	832	3.32
Queen's	17,532	18,230	17,940	19,089	20,446	21,571	22,040	22,229	24,205	35,111	8.02
Redeemer University College	-	12	8	8	22	17	26	46	41	41	-
Red Deer College	-	-	-	3	5	5	5	6	12	8	-
Red River College	-	-	-	-	-	-	50	50	8	100	-
Regina	2,239	2,679	3,108	2,554	2,635	3,056	3,053	3,230	2,795	3,637	5.54
Royal Military College	-	27	585	494	841	1,180	1,381	1,488	1,528	1,211	-
Royal Roads	-	9	22	27	28	38	14	63	52	50	-
Ryerson	1,255	1,463	1,953	2,206	2,343	2,719	2,775	3,500	4,171	4,292	14.64
Saint Thomas	-	-	-	-	-	-	5	-	-	-	-
Saskatchewan	10,221	11,070	12,010	10,630	11,540	14,538	23,076	24,632	26,465	29,804	12.63
Sherbrooke	7,957	7,304	7,822	8,101	9,365	10,242	11,160	11,876	13,395	16,807	8.66
Simon Fraser/ Technical Univ. of B. C. <sup>6</sup>	9,770	10,927	11,769	11,210	12,391	12,924	15,275	15,587	15,972	17,133	6.44
St. Francis Xavier	917	910	1,035	1,043	1,128	1,101	1,513	1,334	1,427	1,385	4.69
St. Lawrence College	-	-	-	-	-	-	-	-	-	15	-
St. Mary's	812	804	873	732	810	923	1,476	1,595	1,673	1,699	8.55
Thompson Rivers	-	37	101	90	76	70	138	145	334	343	-
Toronto	45,926	48,022	46,321	45,875	50,310	54,264	58,981	61,463	63,875	66,903	4.27
Trent	1,360	1,752	2,028	2,177	2,607	2,221	2,271	2,925	2,975	3,766	11.98
Trinity Western	-	25	25	25	43	50	91	58	82	85	-
TRIUMF	5,317	7,662	6,793	4,783	6,078	5,606	5,325	4,688	4,651	5,956	1.27
U of Q at Chicoutimi	1,192	1,369	1,306	1,184	1,889	1,656	1,762	1,868	2,001	2,088	6.43
U of Q at Montreal	5,018	5,255	4,794	7,391	8,134	8,264	7,709	8,223	7,085	8,069	5.42
U of Q at Rimouski	384	895	1,159	1,021	1,123	1,328	2,199	2,640	2,640	3,122	26.20
U of Q at Trois-Rivières	2,158	2,199	2,452	1,846	2,337	2,214	2,675	2,888	2,690	2,353	0.97
U of Q at A.-T.	283	355	375	520	709	697	1,009	986	1,186	1,481	20.18
U of Q in Outaouais	242	215	266	215	285	394	506	534	715	669	11.94
U of Q : ETS	1,336	1,740	1,587	1,725	1,780	2,200	2,322	2,749	3,834	4,661	14.89
U of Q : INRS-IAF <sup>5</sup>	5,290	6,360	4,758	4,452	5,263	6,099	6,303	7,532	7,919	8,569	5.50
U of Q: Siège social	130	118	124	-	25	1,245	1,507	1,610	1,610	1,618	32.38

Table 13

**Grants & Scholarships Expenditures<sup>1</sup> by University/College 1998-99 - 2007-08**  
(thousands of dollars)

University/College	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	Growth <sup>2</sup> (%)
Victoria	8,732	10,282	9,443	9,837	10,281	11,979	13,511	14,558	15,625	19,461	9.31
Waterloo	24,395	24,638	25,271	24,821	25,680	29,763	31,732	33,876	36,933	40,312	5.74
Western Ontario	13,807	14,485	14,810	14,202	15,230	17,288	16,739	18,854	18,798	20,376	4.42
Wilfrid Laurier	634	745	793	965	1,146	1,284	1,367	1,473	1,670	1,765	12.05
Windsor	4,448	5,139	4,901	4,900	5,167	6,175	6,842	7,140	7,112	8,061	6.83
Winnipeg	620	621	667	556	655	668	813	956	1,102	1,098	6.56
York	6,223	6,999	7,280	6,942	6,933	7,440	8,364	8,180	8,662	9,120	4.34
Yukon College	-	-	-	25	18	24	22	19	19	25	-
OTHER IN CANADA	12,466	15,747	17,374	17,845	18,425	19,273	18,245	21,597	20,806	10,450	-1.94
<b>TOTAL IN CANADA</b>	<b>440,904</b>	<b>480,207</b>	<b>483,479</b>	<b>479,127</b>	<b>514,966</b>	<b>574,380</b>	<b>624,048</b>	<b>661,963</b>	<b>686,088</b>	<b>743,015</b>	<b>5.97</b>
OUTSIDE CANADA	9,783	11,417	11,423	11,078	10,504	12,299	12,539	13,901	12,732	13,304	3.48
<b>TOTAL</b>	<b>450,686</b>	<b>491,624</b>	<b>494,903</b>	<b>490,206</b>	<b>525,469</b>	<b>586,679</b>	<b>636,586</b>	<b>675,863</b>	<b>698,819</b>	<b>756,320</b>	<b>5.92</b>

1. Excludes Networks Centres of Excellence, Perimeter Institute and Canada Research Chairs.

2. Average annual growth 1998-99 to 2007-08.

3. Ecole des H.E.C and Ecole Polytechnique are affiliated with the University of Montreal.

4. Includes the former Technical University of Nova Scotia.

5. Includes the former Institut Armand-Frappier.

6. Includes the former Technical University of British Columbia.

Table 14

**Discovery Grants<sup>1</sup> Expenditures by University 1998-99 - 2007-08**  
 (thousands of dollars)

University	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
Acadia	548	557	659	586	712	809	811	872	931	944
Alberta	14,096	15,531	17,104	16,688	17,370	17,936	18,022	19,097	19,548	20,395
Athabasca	9	9	20	20	20	40	38	48	48	23
B.C. Institute of Technology	-	-	-	-	-	-	-	-	-	20
Bishop's	37	20	24	37	80	78	93	139	137	125
Brandon	138	187	217	216	223	203	283	280	219	233
British Columbia	17,044	18,653	19,620	19,191	20,470	21,549	22,166	24,443	25,260	25,907
Brock	925	991	1,124	1,186	1,323	1,408	1,468	1,579	1,629	1,706
Calgary	7,527	8,378	8,713	8,813	9,723	10,520	10,379	11,484	11,491	11,680
Cape Breton	43	37	61	35	65	65	92	113	112	108
Carleton	5,806	5,575	6,030	5,180	6,369	6,336	6,416	6,445	6,988	7,248
Concordia	4,029	4,084	4,302	4,041	4,740	5,077	5,085	5,741	5,869	5,967
CRIM	30	55	76	75	65	65	68	71	71	75
C-CORE	113	97	83	66	30	30	44	42	48	14
Dalhousie <sup>3</sup>	6,178	6,742	7,007	7,093	8,069	8,125	8,700	8,776	9,177	9,524
École des H.É.C. <sup>2</sup>	249	257	346	384	387	432	464	530	521	537
École Polytechnique <sup>2</sup>	4,407	4,774	5,008	4,896	4,977	5,078	5,346	5,653	5,867	5,852
Fraser Valley	-	-	-	-	-	-	-	23	56	66
Guelph	7,626	8,051	8,733	8,350	8,814	9,460	9,096	10,148	10,571	10,220
Huntsman Marine	-	12	12	12	12	-	-	12	12	12
I.P.P.	650	650	660	670	742	800	823	850	875	900
King's	-	-	-	-	-	20	20	20	22	-
Lakehead	824	895	986	823	1,131	1,221	1,195	1,539	1,652	1,541
Laurentian	954	1,084	1,302	1,188	1,388	1,332	1,306	1,616	1,639	1,799
Laval	9,275	9,425	9,533	9,383	10,047	10,424	10,566	11,393	11,487	11,400
Lethbridge	953	1,010	1,161	1,167	1,385	1,515	1,559	1,648	1,896	1,974
Vancouver Island	-	-	-	-	-	-	22	53	53	83
Manitoba	5,837	6,144	6,645	6,489	6,769	7,182	7,124	7,657	7,735	7,867
McGill	13,172	13,952	14,750	14,926	16,272	17,268	17,250	18,669	18,855	19,501
McMaster	8,703	9,140	9,592	9,478	10,328	11,079	11,209	12,176	12,200	11,703
Memorial	3,366	3,530	3,604	3,336	3,602	4,032	4,317	4,644	4,943	5,008
Moncton	512	522	596	522	609	594	625	700	681	616
Montreal <sup>2</sup>	7,437	9,162	9,572	9,634	10,188	10,943	10,889	11,898	11,976	12,341
Mount Allison	436	428	499	483	513	602	614	681	717	671
Mount St. Vincent	50	82	65	44	33	33	43	102	121	165
New Brunswick	3,216	3,469	3,706	3,586	3,824	3,908	3,887	4,202	4,271	4,426
Nipissing	-	-	24	9	61	83	92	113	108	165
Northern British Columbia	498	469	503	470	519	588	568	696	780	895
N.S. Agri. College	114	127	141	96	147	152	136	151	166	170
Okanagan	28	81	84	116	208	291	349	43	-	-
Ontario Institute of Technology	-	-	-	-	-	49	247	469	639	881
Ottawa	5,826	6,331	6,769	6,725	7,153	7,375	7,721	8,251	8,340	8,601
Prince Edward Island	330	351	462	458	557	571	441	536	543	574
Queen's	9,243	8,850	11,515	11,401	12,232	12,715	14,005	13,549	14,055	13,539
Redeemer University College	-	-	-	-	8	8	8	23	23	23
Regina	1,278	1,372	1,902	1,775	1,810	2,012	1,975	2,318	2,068	2,188
Royal Military College	-	8	242	361	663	782	746	913	977	829
Royal Roads	-	-	-	-	-	13	13	13	-	-
Ryerson	672	930	1,556	1,629	1,982	2,029	1,912	2,291	2,400	2,413
Saskatchewan	5,799	5,822	6,203	5,986	6,486	6,808	7,427	8,295	8,147	8,231
Sherbrooke	3,604	3,847	4,176	4,135	4,707	5,069	5,231	5,442	5,793	5,747
Simon Fraser/ Technical Univ. of B. C. <sup>5</sup>	5,460	5,881	6,581	6,657	7,025	7,532	7,702	8,647	9,142	9,614
St. Francis Xavier	777	803	851	792	898	868	933	894	966	910
St. Mary's	626	553	661	550	680	764	925	988	1,037	1,057
Thompson Rivers	-	21	58	58	48	41	100	114	184	164
Toronto	23,790	24,871	26,371	26,163	27,634	29,316	28,943	30,952	30,904	30,817
Trent	752	825	960	911	1,032	1,071	1,134	1,215	1,296	1,381
Trinity Western	-	25	25	25	25	28	28	28	48	48
TRIUMF	2,772	3,055	2,570	2,450	3,449	3,119	2,983	2,572	2,884	3,412
U of Q at Chicoutimi	469	496	520	528	625	611	690	640	739	775
U of Q at Montreal	2,135	2,269	2,417	2,562	3,025	3,309	3,022	3,322	3,518	3,598
U of Q in Outaouais	193	168	246	195	262	369	380	428	403	371
U of Q at Rimouski	310	355	453	464	617	668	709	947	1,018	909
U of Q at Trois-Rivières	1,107	1,253	1,603	1,560	1,584	1,494	1,321	1,450	1,621	1,505
U of Q at A.-T.	56	74	109	112	141	165	155	219	212	212
U of Q : ETS	713	804	928	960	1,023	1,235	1,439	1,520	1,732	1,737
U of Q : INRS-LAF <sup>7</sup>	1,806	1,919	1,989	1,878	2,091	2,379	2,707	2,942	3,022	3,187
U of Q : Siège social	12	12	12	-	-	-	7	24	24	27
Victoria	4,788	5,782	6,006	5,919	6,238	6,984	7,461	7,985	8,426	8,117
Waterloo	11,502	12,331	13,299	12,801	13,697	14,011	14,558	15,924	16,659	17,338
Western Ontario	7,477	7,845	8,773	8,614	9,256	10,094	9,600	10,516	10,871	11,700
Wilfrid Laurier	444	500	605	682	765	837	822	1,044	1,113	1,348
Windsor	2,616	2,815	3,060	2,836	2,984	3,620	3,677	4,054	4,021	3,816
Winnipeg	496	518	504	474	523	518	518	658	722	636
York	4,249	4,924	5,169	4,787	5,218	5,189	5,209	5,739	5,837	5,590
Other in Canada	-	-	-	-	-	542	356	399	207	225
<b>TOTAL</b>	<b>224,136</b>	<b>239,792</b>	<b>259,155</b>	<b>253,739</b>	<b>275,649</b>	<b>291,473</b>	<b>296,268</b>	<b>319,664</b>	<b>328,323</b>	<b>333,398</b>

1. Includes all Discovery Grants and Subatomic Physics Discovery Grants.

2. École des H.É.C. and École Polytechnique are affiliated with the University of Montreal.

3. Includes the former Technical University of Nova Scotia.

4. Includes the former Institut Armand-Frappier.

5. Includes the former Technical University of British Columbia.

Table 15

**Special Research Opportunities and Similar Program<sup>1</sup> Expenditures by University 1998-99 - 2007-08**  
(thousands of dollars)

University	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
Alberta	-	-	-	-	100	368	517	618	1,003	318
British Columbia	126	395	201	650	517	-	347	926	837	903
Brock	2	-	-	-	-	-	-	-	-	-
Calgary	441	403	247	909	381	477	368	390	696	370
Carleton	-	-	-	-	-	-	343	380	440	154
Concordia	-	-	-	-	-	-	185	185	245	140
Dalhousie <sup>3</sup>	142	443	95	119	124	59	43	191	512	657
École Polytechnique <sup>2</sup>	-	103	59	144	88	59	102	165	66	66
Guelph	8	185	91	193	91	-	21	44	291	241
Laval	-	10	380	259	320	140	75	211	710	1,166
Lethbridge	-	-	-	-	-	-	-	42	24	9
Manitoba	-	-	-	-	-	-	-	-	270	12
McGill	277	142	58	115	112	253	272	325	263	394
McMaster	-	165	83	165	83	-	-	109	81	253
Memorial	-	-	-	-	-	-	25	-	-	102
Montreal <sup>2</sup>	882	-	-	-	-	-	-	-	-	93
New Brunswick	-	-	128	230	207	208	190	128	-	86
Northern British Columbia	-	-	-	-	-	-	-	-	115	-
Okanagan	-	-	-	-	-	-	262	52	-	-
Ottawa	-	-	-	-	-	134	232	340	314	411
Queen's	-	-	-	-	-	-	94	233	230	115
Saskatchewan	268	502	495	264	437	70	323	228	115	51
Sherbrooke	-	-	-	-	-	-	-	-	-	79
Simon Fraser/ Technical Univ. of B. C. <sup>5</sup>	124	-	-	-	-	-	29	29	59	-
Toronto	1,535	76	142	543	1,038	1,227	1,715	1,626	3,124	3,119
Trent	-	-	169	169	169	-	-	-	-	-
TRIUMF	-	-	-	-	-	-	24	207	363	268
U of Q at Montreal	-	231	87	350	298	218	-	-	182	191
U of Q at Rimouski	-	-	92	183	92	-	-	138	371	407
U of Q at Trois-Rivières	3	-	-	-	-	-	-	-	-	-
U of Q : INRS-IAF <sup>4</sup>	2	323	60	216	237	147	72	-	14	-
Victoria	227	-	120	189	343	401	220	491	244	205
Waterloo	-	136	459	550	498	479	145	1,064	455	675
Western Ontario	80	-	-	-	-	-	-	70	72	74
Windsor	-	-	-	164	264	364	300	325	-	-
York	4	-	-	-	-	96	96	96	-	-
Other in Canada	-	-	-	-	186	31	-	-	-	-
<b>TOTAL</b>	<b>4,120</b>	<b>3,114</b>	<b>2,965</b>	<b>5,414</b>	<b>5,583</b>	<b>4,730</b>	<b>6,002</b>	<b>8,613</b>	<b>11,095</b>	<b>10,557</b>

1. Excludes Collaborative Health Research and Genomics Projects.

2. École des H.É.C and École Polytechnique are affiliated with the University of Montreal.

3. Includes the former Technical University of Nova Scotia.

4. Includes the former Institut Armand-Frappier.

5. Includes the former Technical University of British Columbia.

Table 16

**Research Tools and Instruments<sup>1</sup> Expenditures by University 1998-99 - 2007-08**  
 (thousands of dollars)

University	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
Acadia	91	-	80	-	109	42	51	190	263	106
Alberta	3,212	2,848	3,766	2,141	755	1,475	2,960	2,450	2,457	3,183
Bishop's	-	-	-	-	-	-	13	-	19	-
Brandon	43	-	-	-	-	-	31	-	-	28
British Columbia	4,901	4,316	1,828	2,453	830	2,149	2,327	3,131	3,365	3,210
Brock	138	107	189	213	147	243	291	148	308	255
Calgary	1,355	1,532	755	706	628	855	1,152	1,225	1,674	1,212
Cape Breton	-	-	-	-	-	-	-	-	20	15
Carleton	531	279	295	909	562	347	585	743	629	750
Concordia	256	454	834	512	100	249	755	935	671	491
C-CORE	-	315	-	-	-	-	-	-	-	-
Dalhousie <sup>3</sup>	1,094	2,563	1,334	1,435	1,174	986	1,353	1,474	1,841	1,153
École des H.É.C. <sup>2</sup>	-	9	-	-	-	-	-	104	-	-
École Polytechnique <sup>2</sup>	706	694	940	357	121	283	1,176	830	750	519
Fraser Valley	-	-	-	-	-	-	-	-	121	-
Guelph	1,826	1,243	1,225	917	756	1,385	2,387	2,643	2,845	2,910
Lakehead	74	32	53	210	43	10	260	113	79	185
Laurentian	193	162	342	104	156	30	410	236	254	-
Laval	2,151	2,780	2,334	1,962	725	1,061	2,083	1,519	1,842	1,681
Lethbridge	136	247	287	207	66	105	401	158	129	355
Vancouver Island	-	-	-	-	-	-	-	-	-	40
Manitoba	694	1,384	1,066	496	697	528	1,510	1,250	1,396	769
McGill	3,149	2,392	1,963	762	500	1,402	1,537	2,061	2,411	1,905
McMaster	1,951	2,555	1,029	734	266	1,164	1,573	1,455	1,524	1,163
Memorial	890	512	368	345	61	587	602	532	456	569
Moncton	32	-	50	-	-	57	-	131	-	-
Montreal <sup>2</sup>	2,671	1,663	1,407	793	113	1,033	1,021	1,072	1,708	1,023
Mount Allison	146	62	49	48	-	37	41	121	-	273
Mount St. Vincent	-	-	33	-	-	-	-	-	42	-
New Brunswick	463	592	751	239	26	271	583	85	686	232
Nipissing	-	-	-	25	8	52	-	-	40	-
Northern British Columbia	-	88	73	27	51	55	28	-	115	137
N.S. Agri. College	-	-	-	-	-	15	-	-	238	73
Okanagan	15	21	9	-	14	-	33	-	-	-
Ontario Institute of Technology	-	-	-	-	-	-	-	186	217	91
Ottawa	911	1,231	324	293	-	577	1,300	1,459	1,723	1,546
Prince Edward Island	-	-	14	12	-	101	15	-	-	-
Queen's	2,459	1,507	1,435	838	646	805	1,237	1,646	2,132	1,264
Regina	353	454	525	153	156	87	109	64	43	183
Royal Military College	-	-	142	-	-	21	73	-	-	-
Ryerson	303	253	106	233	-	136	333	421	727	333
Saskatchewan	1,213	1,594	942	565	184	773	1,130	1,052	1,237	955
Sherbrooke	1,057	737	732	480	207	469	670	895	878	1,044
Simon Fraser/ Technical Univ. of B. C. <sup>5</sup>	806	944	1,124	776	579	438	1,698	1,087	1,146	706
St. Francis Xavier	79	22	60	62	-	81	40	24	24	-
St. Mary's	139	45	-	-	-	-	12	63	-	-
Thompson Rivers	-	-	22	-	-	-	-	-	101	-
Toronto	4,240	4,026	2,426	2,101	1,093	2,065	3,572	3,848	5,435	2,937
Trent	33	89	34	33	5	48	107	110	214	133
Trinity Western	-	-	-	-	-	-	50	-	-	-
TRIUMF	2,330	4,245	3,906	1,988	2,124	2,085	1,943	1,446	1,048	1,812
U of Q at Chicoutimi	148	30	-	29	42	30	61	93	75	-
U of Q at Montreal	1,081	331	281	66	68	206	330	253	609	845
U of Q at Rimouski	23	157	290	171	-	99	80	69	189	342
U of Q at Trois-Rivières	470	357	424	90	159	175	412	344	163	150
U of Q at A.-T.	-	15	-	-	-	-	10	-	84	-
U of Q : ETS	78	313	126	-	-	16	156	-	208	241
U of Q : INRS-IAF <sup>4</sup>	673	519	479	85	155	596	274	441	806	845
Victoria	1,170	1,412	734	963	327	790	1,120	854	1,569	1,124
Waterloo	3,057	2,084	2,502	1,576	625	1,644	3,089	2,056	3,117	1,986
Western Ontario	2,271	1,958	1,325	477	445	729	1,044	1,360	1,514	465
Wilfrid Laurier	41	65	-	45	52	92	169	138	242	41
Windsor	893	654	583	246	264	613	1,132	670	891	564
Winnipeg	62	47	104	18	62	-	87	91	152	215
York	471	635	434	659	152	332	706	270	417	784
<b>TOTAL</b>	<b>51,081</b>	<b>50,571</b>	<b>40,130</b>	<b>27,554</b>	<b>15,252</b>	<b>27,430</b>	<b>44,124</b>	<b>41,544</b>	<b>50,844</b>	<b>40,844</b>

1. Category 1 (\$7,000 - \$150,000), Category 2 (\$150,000 - \$325,000), Category 3 (>\$325,000), and Subatomic Physics Research Tools and Instruments Grants.

2. École des H.É.C and École Polytechnique are affiliated with the University of Montreal.

3. Includes the former Technical University of Nova Scotia.

4. Includes the former Institut Armand-Frappier.

5. Includes the former Technical University of British Columbia.

Table 17

**Major Resources Support Grants<sup>1</sup> Expenditures by University 1998-99 - 2007-08**  
(thousands of dollars)

University	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
Acadia	-	-	-	-	-	-	31	31	31	-
Alberta	583	636	825	780	949	904	980	761	761	919
British Columbia	187	-	120	143	323	1,109	1,238	1,161	935	905
Brock	-	-	-	-	28	28	28	36	36	36
Calgary	392	185	185	239	269	269	900	860	247	180
Carleton	300	401	376	413	295	295	295	264	352	352
C-CORE	150	150	150	150	150	150	150	150	70	-
Dalhousie <sup>5</sup>	46	55	181	332	200	256	278	365	827	314
École Polytechnique <sup>2</sup>	272	261	180	180	180	260	260	550	550	677
Guelph	25	134	148	151	33	99	66	66	37	38
Huntsman Marine	150	170	170	170	170	200	200	200	93	-
I.P.P.	-	-	-	-	-	-	-	-	-	40
Laval	75	140	140	140	160	160	210	140	614	544
Manitoba	100	85	85	85	55	85	90	90	88	58
McGill	191	195	195	320	140	355	1,275	1,275	1,060	1,350
McMaster	215	344	344	344	442	857	592	920	843	655
Memorial	233	405	855	855	255	305	305	305	279	279
Montreal <sup>2</sup>	315	677	903	903	1,167	1,283	1,283	846	862	675
Mount Allison	-	-	-	-	-	-	41	25	25	-
New Brunswick	-	-	68	68	68	75	75	75	70	70
Ottawa	-	40	89	89	89	85	159	159	199	249
Queen's	2,428	2,448	113	1,013	1,763	2,056	471	471	395	2,392
Saskatchewan	61	175	183	183	199	2,319	8,769	9,775	11,750	14,750
Sherbrooke	-	-	-	-	-	-	-	-	-	2,000
Simon Fraser/ Technical Univ. of B. C. <sup>5</sup>	-	325	325	325	359	210	210	210	423	423
Toronto	510	752	752	808	855	995	660	1,065	1,194	2,239
Trent	-	-	65	65	65	67	67	67	113	113
TRIUMF	215	315	257	257	318	318	350	350	326	401
U of Q at Montreal	-	51	51	51	95	99	99	99	45	45
U of Q at Rimouski	-	-	-	-	236	236	-	236	110	53
U of Q : INRS-IAF <sup>2</sup>	-	-	-	-	-	135	135	-	451	376
Victoria	-	-	40	40	150	295	525	866	876	4,558
Waterloo	-	45	45	120	140	140	140	65	92	37
Western Ontario	380	520	520	520	505	538	538	343	170	258
Winnipeg	-	-	-	-	-	77	77	77	80	80
York	-	-	91	136	136	136	110	110	40	43
Other in Canada	50	50	355	80	70	85	100	58	38	53
<b>TOTAL</b>	<b>6,878</b>	<b>8,558</b>	<b>7,809</b>	<b>8,958</b>	<b>9,864</b>	<b>14,479</b>	<b>20,706</b>	<b>22,070</b>	<b>24,083</b>	<b>35,161</b>

1. Includes Subatomic Physics Major Resources Support Grants.

2. École des H.É.C and École Polytechnique are affiliated with the University of Montreal.

3. Includes the former Technical University of Nova Scotia.

4. Includes the former Institut Armand-Frappier.

5. Includes the former Technical University of British Columbia.

Table 18

**Strategic Projects<sup>1</sup> Expenditures by University 1998-99 - 2007-08**  
 (thousands of dollars)

University	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
Alberta	1,712	1,517	2,503	2,355	3,179	2,985	3,169	2,574	2,375	3,123
Brandon	-	-	-	-	-	-	-	-	1	-
British Columbia	2,380	2,401	3,015	3,933	5,149	5,168	5,410	4,520	3,447	6,968
Brock	43	-	-	171	238	133	135	295	208	239
Calgary	489	623	814	545	1,030	1,339	1,462	1,452	1,426	2,532
Carleton	261	282	396	240	403	475	475	475	232	622
Concordia	253	185	-	229	481	351	768	810	340	1,318
Dalhousie <sup>3</sup>	603	371	727	686	567	511	345	379	873	1,355
École Polytechnique <sup>2</sup>	1,672	1,818	2,293	2,247	2,251	2,592	2,672	2,930	2,444	3,139
Guelph	1,263	898	1,332	1,289	1,233	1,225	1,338	1,543	2,098	2,115
Lakehead	-	-	-	72	73	-	-	111	219	547
Laurentian	-	-	-	-	-	-	-	116	132	89
Laval	3,222	2,939	3,417	3,489	3,337	3,541	3,542	3,718	3,037	3,949
Lethbridge	62	18	-	-	-	-	95	28	28	41
Manitoba	642	439	422	317	884	877	784	1,225	1,309	1,847
McGill	2,299	2,507	2,576	2,635	2,595	3,556	3,446	3,109	2,792	4,302
McMaster	1,149	1,376	1,370	1,273	1,365	1,140	1,150	993	1,595	2,206
Memorial	280	400	639	568	343	331	132	296	354	577
Montreal <sup>2</sup>	1,131	1,250	999	672	821	1,315	1,635	1,608	1,145	1,108
New Brunswick	106	85	-	22	75	35	301	542	539	583
Northern British Columbia	-	-	-	-	-	-	-	-	-	350
N.S. Agri. College	56	55	55	198	160	368	369	109	216	107
Okanagan	-	-	-	-	-	34	-	-	-	-
Ottawa	570	421	1,075	1,102	1,370	2,013	2,381	2,338	2,027	2,228
Prince Edward Island	189	104	108	108	386	377	296	196	-	-
Queen's	771	945	1,066	1,196	1,777	1,409	1,429	1,330	1,677	1,921
Regina	178	362	266	267	263	317	316	316	189	513
Royal Military College	-	-	135	132	120	-	-	-	-	-
Ryerson	127	101	-	-	-	65	68	38	179	405
Saskatchewan	451	442	1,158	1,167	1,332	1,286	1,231	1,004	935	1,989
Sherbrooke	874	682	909	1,325	1,734	1,520	1,522	694	1,218	2,063
Simon Fraser/ Technical Univ. of B. C. <sup>5</sup>	854	1,090	1,315	1,037	1,171	1,508	1,730	1,681	1,219	2,159
St. Mary's	-	115	109	72	-	-	-	-	-	-
Thompson Rivers	-	-	-	-	-	-	-	-	-	100
Toronto	2,124	2,255	2,898	2,761	3,202	3,996	4,236	4,326	4,509	5,219
Trent	98	170	245	408	657	412	302	487	517	1,283
TRIUMF	-	-	-	78	78	78	-	-	-	-
U of Q at Chicoutimi	2	-	-	-	-	-	-	-	-	157
U of Q in Outaouais	-	-	-	-	-	-	-	-	220	220
U of Q at Montreal	675	697	484	272	328	201	314	571	818	1,191
U of Q at Rimouski	-	181	133	75	-	-	234	191	190	220
U of Q at Trois-Rivières	-	-	-	-	63	63	63	62	-	100
U of Q at A.-T.	-	-	-	-	-	-	106	101	175	214
U of Q : ÉTS	66	65	-	146	203	198	58	-	-	251
U of Q : INRS-IAF <sup>7</sup>	873	740	940	1,106	1,631	1,649	1,867	2,026	1,404	1,804
Victoria	902	971	727	447	294	485	803	731	469	1,113
Waterloo	1,754	2,168	2,695	2,582	2,777	3,254	2,618	2,488	2,561	4,474
Western Ontario	807	654	487	479	672	723	566	283	753	1,074
Wilfrid Laurier	80	74	61	58	100	100	100	-	-	-
Windsor	74	175	170	92	100	100	238	413	242	591
York	408	226	426	207	208	65	419	490	475	661
Other in Canada	-	-	-	-	170	164	214	116	135	-
<b>TOTAL</b>	<b>29,498</b>	<b>29,802</b>	<b>35,964</b>	<b>36,059</b>	<b>42,820</b>	<b>45,951</b>	<b>48,337</b>	<b>46,714</b>	<b>44,723</b>	<b>67,064</b>

1. Includes New Media Initiatives and BIOCAP.

2. Ecole des H.E.C and École Polytechnique are affiliated with the University of Montreal.

3. Includes the former Technical University of Nova Scotia.

4. Includes the former Institut Armand-Frappier.

5. Includes the former Technical University of British Columbia.

Table 19

**Collaborative Research and Development Project Expenditures by University 1998-99 - 2007-08**  
**(thousands of dollars)**

University	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
Acadia	-	18	52	44	-	107	107	81	-	-
Alberta	1,529	1,979	2,210	2,641	2,681	2,802	3,481	3,676	2,680	3,467
British Columbia	1,416	2,157	2,088	2,293	2,593	2,585	2,139	2,392	3,255	4,276
Brock	-	-	-	58	64	-	135	123	70	70
Calgary	513	1,264	1,170	1,395	1,317	1,411	535	1,359	1,425	2,018
Carleton	40	290	356	573	265	314	291	169	232	337
C-CORE	89	-	-	-	-	-	-	-	-	-
Concordia	277	133	71	60	19	100	467	372	404	343
CRIM	-	88	81	50	-	-	-	-	-	-
Dalhousie <sup>2</sup>	20	26	229	508	585	570	673	490	337	144
École des H.É.C. <sup>1</sup>	-	-	-	31	31	127	127	-	52	117
École Polytechnique <sup>1</sup>	1,099	1,049	1,239	1,211	1,634	1,037	1,666	1,613	2,331	2,378
Guelph	650	646	605	564	719	957	1,299	1,339	1,605	1,875
Lakehead	-	-	-	-	-	-	115	317	458	466
Laurentian	-	-	15	38	18	41	242	222	360	272
Laval	2,142	2,367	1,449	1,412	974	935	1,671	1,834	2,500	2,919
Vancouver Island	-	-	-	-	-	-	-	-	6	14
Manitoba	189	224	326	589	482	635	458	409	518	1,171
McGill	1,210	1,167	1,849	1,360	1,657	1,545	1,686	2,479	2,654	2,371
McMaster	550	1,009	540	772	568	1,292	964	997	1,033	1,114
Memorial	2	82	116	162	181	131	25	262	388	282
Moncton	-	-	-	-	-	-	-	-	-	72
Montréal <sup>1</sup>	316	843	807	931	1,615	1,120	1,172	569	381	251
Mount Allison	-	-	-	-	-	-	7	7	-	-
N.S. Agri. College	-	45	30	40	30	29	30	28	142	214
New Brunswick	93	185	175	256	271	390	296	534	813	959
Northern British Columbia	-	25	6	-	-	15	20	20	-	-
Ontario Institute of Technology	-	-	-	-	-	-	-	20	47	233
Ottawa	203	459	286	556	301	268	196	212	547	662
Prince Edward Island	-	-	-	-	-	35	53	37	-	-
Queen's	547	696	828	973	599	784	755	776	1,156	1,153
Regina	72	-	37	-	58	41	108	37	25	82
Royal Military College	-	-	-	-	-	97	176	149	149	177
Ryerson	50	50	119	117	84	79	85	77	133	272
Saskatchewan	497	680	1,041	678	1,049	1,370	1,593	1,458	1,302	1,357
Sherbrooke	848	729	611	355	400	719	596	936	770	910
Simon Fraser/ Technical Univ. of B. C. <sup>4</sup>	597	493	591	467	522	341	262	333	308	433
St. Francis Xavier	-	-	10	15	32	-	-	-	25	39
St. Mary's	-	-	-	-	33	50	80	30	75	47
Toronto	1,625	2,082	1,971	2,261	2,832	2,584	3,271	2,892	3,014	3,365
Trent	-	40	23	23	-	20	-	106	138	159
U of Q : ETS	319	377	345	390	370	425	216	607	1,168	1,726
U of Q : INRS-IAF <sup>3</sup>	600	1,222	515	450	420	461	253	458	856	1,007
U of Q at A.-T.	18	-	-	-	148	199	217	93	48	443
U of Q at Chicoutimi	190	164	262	167	125	125	-	118	94	244
U of Q at Montreal	-	-	27	34	192	193	228	92	192	467
U of Q in Outaouais	-	-	-	-	-	-	65	-	-	65
U of Q at Rimouski	-	53	66	51	50	41	70	68	-	-
U of Q at Trois-Rivières	80	90	-	-	-	-	131	170	350	221
Victoria	187	93	160	125	513	528	417	283	442	772
Waterloo	1,559	1,107	1,645	1,600	1,853	2,187	2,365	2,903	3,839	3,520
Western Ontario	538	442	347	450	754	757	497	902	750	1,188
Wilfrid Laurier	8	20	51	40	20	15	-	-	9	32
Windsor	405	873	472	526	201	207	328	353	198	321
Winnipeg	-	-	-	-	-	-	9	9	19	21
York	277	225	122	316	320	280	102	39	284	369
Other in Canada	-	-	-	-	25	-	-	-	-	-
<b>TOTAL</b>	<b>18,753</b>	<b>23,490</b>	<b>22,939</b>	<b>24,576</b>	<b>26,605</b>	<b>27,951</b>	<b>29,678</b>	<b>32,451</b>	<b>37,582</b>	<b>44,414</b>

1. École des H.É.C and École Polytechnique are affiliated with Montréal.

2. Includes the former Technical University of Nova Scotia.

3. Includes the former Institut Armand-Frappier.

4. Includes the former Technical University of British Columbia.

Table 20

**Industrial Research Chairs Expenditures by University 1998-99 - 2007-08**  
**(thousands of dollars)**

University	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
Alberta	787	999	1,149	1,295	690	1,824	825	824	2,231	2,486
British Columbia	1,180	1,160	774	875	778	923	979	1,312	1,267	1,019
Brock	119	48	48	48	-	-	-	-	-	-
Calgary	485	103	86	33	137	197	807	1,028	1,089	1,380
Carleton	260	378	453	611	568	549	472	157	418	323
Dalhousie <sup>2</sup>	598	767	236	269	173	14	218	35	401	468
École Polytechnique <sup>1</sup>	765	822	629	424	697	1,288	879	1,310	2,087	1,834
Guelph	26	65	5	-	194	430	434	432	432	860
Laurentian	284	203	131	64	53	78	-	-	-	-
Laval	402	399	173	341	329	1,420	1,825	1,788	2,358	2,391
Manitoba	168	91	74	-	58	557	696	569	914	801
McGill	-	150	150	280	410	307	809	741	770	513
McMaster	530	538	252	280	146	343	518	637	813	930
Memorial	216	209	70	58	24	-	-	-	-	-
Montreal <sup>1</sup>	-	215	175	175	175	305	183	380	427	380
New Brunswick	219	41	14	6	-	130	130	130	130	130
Ottawa	233	337	96	144	103	130	54	59	-	-
Queen's	-	-	-	140	220	220	140	220	374	362
Royal Military College	-	-	-	-	-	-	-	-	-	48
Ryerson	-	-	-	-	-	-	-	-	76	129
Saskatchewan	120	116	54	45	30	15	398	482	526	234
Sherbrooke	25	138	5	265	265	265	420	548	929	857
Simon Fraser/ Technical Univ. of B. C. <sup>4</sup>	108	6	-	-	-	-	242	186	186	252
Toronto	680	615	541	450	393	501	669	517	507	619
Trent	137	316	283	272	248	224	10	-	-	-
U of Q at Chicoutimi	184	463	369	359	972	720	747	715	823	653
U of Q at Montreal	131	125	125	125	125	-	-	145	145	145
U of Q at Trois-Rivières	80	-	-	-	-	-	-	-	-	-
U of Q at A.-T.	108	108	108	333	333	200	270	270	289	285
U of Q : INRS-IAF <sup>3</sup>	88	139	-	36	5	-	369	283	283	283
Victoria	84	339	232	409	394	268	343	420	520	419
Waterloo	1,445	1,635	529	1,261	1,318	1,913	1,944	2,365	2,125	1,411
Western Ontario	141	132	294	284	160	384	230	503	499	917
Windsor	239	245	146	524	769	561	491	286	546	192
York	147	134	121	108	5	150	300	-	276	53
<b>TOTAL</b>	<b>9,989</b>	<b>11,037</b>	<b>7,324</b>	<b>9,516</b>	<b>9,774</b>	<b>13,915</b>	<b>15,399</b>	<b>16,342</b>	<b>21,439</b>	<b>20,373</b>

1. École Polytechnique is affiliated with the University of Montreal.

2. Includes the former Technical University of Nova Scotia.

3. Includes the former Institut Armand-Frappier.

4. Includes the former Technical University of British Columbia.

Table 21

**Research Chairs<sup>1</sup> Expenditures by University 1998-99 - 2007-08**  
 (thousands of dollars)

University	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
Alberta	787	999	1,149	1,295	690	1,824	825	824	2,231	2,486
British Columbia	1,230	2,359	824	925	978	1,123	1,249	1,497	1,537	1,174
Brock	119	48	48	48	-	-	-	-	-	-
Calgary	722	348	522	367	221	417	1,383	1,028	1,089	1,380
Cape Breton	132	30	-	32	-	-	-	-	-	-
Carleton	310	428	503	661	568	549	472	157	418	323
Dalhousie <sup>3</sup>	598	767	349	576	398	214	303	35	401	468
École Polytechnique <sup>2</sup>	854	900	889	624	897	1,488	1,079	1,310	2,087	2,034
Guelph	26	65	5	200	394	480	684	582	832	1,078
Laurentian	284	203	131	64	53	78	-	-	-	-
Laval	452	449	223	391	379	1,588	1,993	1,881	2,501	2,535
Manitoba	168	91	274	200	58	757	1,096	569	1,114	1,001
McGill	-	150	150	280	513	547	1,009	941	970	570
McMaster	530	538	252	560	301	498	673	696	813	930
Memorial	266	326	153	159	24	182	50	50	50	50
Montreal <sup>2</sup>	-	215	175	175	175	305	183	380	427	380
New Brunswick	286	108	80	206	266	330	330	330	130	130
Ontario Institute of Technology	-	-	-	-	-	-	-	108	108	299
Ottawa	233	337	96	144	293	365	326	322	224	-
Queen's	-	-	-	140	343	420	340	420	574	455
Royal Military College	-	-	-	-	-	200	200	200	200	48
Ryerson	89	75	64	95	64	76	41	58	76	129
Saskatchewan	120	183	121	112	97	82	398	552	526	304
Sherbrooke	25	138	5	465	465	365	579	548	1,174	857
Simon Fraser/ Technical Univ. of B. C. <sup>5</sup>	133	31	-	-	-	-	242	186	186	252
Toronto	800	724	644	450	393	501	669	713	576	619
Trent	137	316	283	272	248	224	10	-	-	-
U of Q at Chicoutimi	184	463	369	359	972	720	747	715	823	653
U of Q at Montreal	223	252	125	125	125	-	-	145	145	145
U of Q at Rimouski	-	-	-	-	-	-	-	-	111	200
U of Q at Trois-Rivières	182	94	83	-	334	200	200	200	200	-
U of Q at A.-T.	108	108	108	333	333	200	270	270	289	285
U of Q : INRS-IAF <sup>4</sup>	88	139	-	36	5	-	369	283	283	283
Victoria	84	339	232	409	394	268	343	564	720	619
Waterloo	1,531	1,716	529	1,261	1,318	1,913	2,051	2,552	2,220	1,611
Western Ontario	141	132	294	484	360	584	230	503	499	917
Windsor	239	245	146	524	769	561	491	286	546	192
York	147	134	121	108	5	150	300	-	276	53
<b>TOTAL</b>	<b>11,227</b>	<b>13,450</b>	<b>8,948</b>	<b>12,082</b>	<b>12,434</b>	<b>17,208</b>	<b>19,133</b>	<b>18,905</b>	<b>24,354</b>	<b>22,459</b>

1. Includes Industrial Research, Design Engineering, Management of Technological Change, Women in Science and Engineering and Fuel Cell Technology Chairs.

2. École Polytechnique is affiliated with the University of Montreal.

3. Includes the former Technical University of Nova Scotia.

4. Includes the former Institut Armand-Frappier.

5. Includes the former Technical University of British Columbia.

Table 22

**Undergraduate Student Research Awards Expenditures by University 1998-99 - 2007-08**  
(thousands of dollars)

University	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
Acadia	43	68	64	64	72	84	90	86	90	90
Alberta	-	512	543	565	726	905	924	932	928	914
Athabasca	-	-	-	-	-	18	18	18	18	14
B.C. Institute of Technology	-	-	-	-	-	-	-	-	-	3
Bishop's	14	20	20	24	27	36	32	36	32	31
Brandon	14	28	28	28	32	36	36	39	41	41
British Columbia	-	617	650	652	809	1,024	984	1,050	1,026	1,038
Brock	-	64	68	68	78	95	95	94	95	104
Calgary	-	276	292	308	414	556	573	585	603	611
Cape Breton	-	20	20	40	27	36	35	32	36	36
Carleton	-	212	210	209	255	327	342	349	356	345
Concordia	-	198	189	180	194	226	221	238	247	252
Dalhousie <sup>2</sup>	-	264	284	335	368	444	455	448	442	441
École des H.É.C. <sup>1</sup>	-	-	-	4	5	5	-	-	-	-
École Polytechnique <sup>1</sup>	-	180	200	196	243	282	275	265	269	247
Fraser Valley	-	-	-	-	-	-	-	18	18	18
Guelph	-	290	288	287	356	450	454	434	420	413
King's	-	-	-	4	18	18	23	23	23	18
Lakehead	18	48	56	55	72	98	105	95	99	90
Laurentian	-	72	64	64	81	99	98	99	90	93
Laval	-	460	444	440	518	639	620	615	583	563
Lethbridge	14	52	56	60	76	104	98	95	92	90
Vancouver Island	-	-	-	-	-	18	27	18	23	36
Manitoba	-	288	289	289	360	491	509	473	437	410
McGill	-	568	560	566	667	826	814	804	806	802
McMaster	-	372	361	334	405	500	490	493	503	514
Memorial	-	175	172	169	221	247	257	250	255	259
Moncton	20	61	60	60	72	77	86	72	77	63
Montreal <sup>1</sup>	-	328	320	320	387	492	478	482	473	482
Mount Allison	25	52	52	52	63	72	72	68	68	72
Mount St. Vincent	11	20	24	8	5	18	23	23	23	27
New Brunswick	-	200	192	192	225	270	262	265	278	279
Nipissing	-	-	4	12	23	27	27	36	36	36
Northern British Columbia	7	32	40	48	56	68	68	63	63	72
N.S. Agri. College	14	24	24	24	36	41	45	41	45	41
Okanagan	-	16	20	32	45	44	48	-	-	-
Ontario Institute of Technology	-	-	-	-	-	-	17	18	23	27
Ottawa	-	256	253	259	328	460	471	495	507	527
Prince Edward Island	14	41	44	44	54	63	68	72	66	68
Queen's	-	360	360	367	458	585	588	577	566	560
Redeemer University College	-	12	8	8	14	9	18	23	18	18
Regina	-	112	100	112	135	149	144	135	134	126
Royal Military College	-	-	-	-	23	32	41	37	55	41
Royal Roads	-	4	4	4	5	-	-	-	-	-
Ryerson	14	40	48	52	72	95	108	117	122	117
Saint Thomas	-	-	-	-	-	-	5	-	-	-
Saskatchewan	-	204	213	206	248	307	312	320	316	324
Sherbrooke	-	180	196	196	248	306	302	302	297	297
Simon Fraser/ Technical Univ. of B. C. <sup>4</sup>	-	175	236	252	314	367	390	388	392	393
St. Francis Xavier	32	68	68	63	81	90	94	95	86	76
St. Mary's	25	48	52	48	57	81	86	86	81	77
Thompson Rivers	-	16	20	32	23	23	32	32	50	36
Toronto	-	849	858	869	1,082	1,359	1,380	1,358	1,369	1,345
Trent	18	56	56	60	68	86	86	75	79	80
Trinity Western	-	-	-	-	18	23	9	23	27	27
U of Q at Chicoutimi	25	52	52	44	50	54	50	50	54	54
U of Q at Montreal	-	136	140	140	180	221	221	216	216	212
U of Q in Outaouais	-	20	20	20	23	25	27	32	27	14
U of Q at Rimouski	7	36	36	36	44	54	59	63	59	59
U of Q at Trois-Rivières	-	76	72	68	86	108	113	113	104	94
U of Q at A.-T.	-	-	-	16	14	23	23	27	28	27
U of Q : ETS	14	48	28	56	63	76	77	81	50	95
U of Q : INRS-IAF <sup>3</sup>	-	80	80	72	81	92	94	90	94	99
Victoria	-	214	219	204	247	305	293	284	305	291
Waterloo	-	517	566	558	696	878	864	829	830	839
Western Ontario	-	336	339	347	440	575	576	567	546	539
Wilfrid Laurier	14	44	40	44	50	63	59	72	72	72
Windsor	-	124	112	112	131	167	171	180	185	194
Winnipeg	32	56	52	56	68	73	77	77	81	81
York	-	172	158	169	212	252	248	247	239	231
Other in Canada	1,812	1,935	2,212	2,328	2,846	3,209	3,632	3,577	3,318	3,455
<b>TOTAL</b>	<b>2,190</b>	<b>11,783</b>	<b>12,234</b>	<b>12,532</b>	<b>15,386</b>	<b>18,876</b>	<b>19,408</b>	<b>19,289</b>	<b>18,983</b>	<b>19,035</b>

1. École des H.É.C and École Polytechnique are affiliated with the University of Montreal.

2. Includes the former Technical University of Nova Scotia.

3. Includes the former Institut Armand-Frappier.

4. Includes the former Technical University of British Columbia.

Table 23

**Postgraduate Scholarships<sup>1</sup> Expenditures by University 1998-99 - 2007-08**  
(thousands of dollars)

University	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
Acadia	21	31	39	44	55	115	99	67	32	67
Alberta	3,519	4,326	4,021	4,163	4,509	5,360	5,743	6,088	5,590	6,281
Bishop's	-	-	-	-	-	-	-	-	17	26
British Columbia	4,633	5,595	5,144	4,373	5,098	5,980	6,902	8,049	8,302	8,853
Brock	88	68	98	77	143	193	207	243	311	230
Calgary	1,943	1,808	1,865	2,208	2,705	2,928	3,168	3,552	3,865	4,177
Carleton	1,165	1,156	937	987	1,182	1,581	1,588	1,332	1,746	2,036
Concordia	642	379	314	367	298	513	579	588	547	651
Dalhousie <sup>3</sup>	1,182	1,902	1,623	1,805	1,924	2,340	2,295	2,388	2,585	2,623
École des H.É.C. <sup>2</sup>	13	26	-	17	17	10	32	46	42	80
École Polytechnique <sup>2</sup>	1,014	778	779	910	910	772	922	1,111	969	1,199
Guelph	1,255	1,035	1,226	1,327	1,164	1,342	1,587	1,608	1,824	2,127
Lakehead	110	103	48	139	156	158	190	209	182	388
Laurentian	69	58	60	92	143	154	208	251	211	197
Laval	2,728	2,003	2,143	2,279	2,341	2,942	3,068	2,965	3,259	3,067
Lethbridge	43	62	100	105	144	182	170	231	235	387
Manitoba	993	835	894	1,061	1,278	1,702	1,580	1,444	1,554	1,851
McGill	2,836	3,237	2,972	2,760	3,501	4,266	4,214	4,770	5,542	5,940
McMaster	1,766	1,599	1,299	1,493	1,475	1,524	1,930	2,306	2,518	2,740
Memorial	457	300	437	537	566	729	683	665	776	925
Moncton	113	135	46	73	152	111	51	120	122	122
Montreal <sup>2</sup>	1,816	1,472	1,637	1,830	1,940	2,285	2,290	2,401	2,335	2,771
Mount Allison	-	-	-	-	-	-	-	18	18	-
Mount St. Vincent	6	-	-	-	-	-	-	-	18	-
New Brunswick	563	744	602	560	614	905	1,014	1,096	1,077	1,000
Northern British Columbia	79	36	70	82	103	140	108	119	148	228
N.S. Agri. College	23	35	126	109	113	77	109	214	92	55
Ontario Institute of Technology	-	-	-	-	-	-	-	-	-	45
Ottawa	1,142	1,334	1,311	1,274	1,602	2,099	2,392	2,936	2,878	2,999
Prince Edward Island	33	47	91	106	124	87	102	161	150	132
Queen's	1,420	1,807	1,860	2,082	1,964	2,096	2,306	2,426	2,468	2,989
Regina	281	302	212	142	162	306	225	246	260	431
Royal Military College	-	19	17	2	36	48	88	40	-	77
Royal Roads	-	5	18	23	23	25	1	50	52	45
Ryerson	-	14	-	5	31	87	134	158	169	221
Saskatchewan	663	736	826	814	823	1,072	1,326	1,290	1,184	1,252
Sherbrooke	957	570	731	791	907	1,029	1,235	1,519	1,851	1,959
Simon Fraser/ Technical Univ. of B. C. <sup>5</sup>	1,381	1,473	1,145	1,106	1,328	1,674	1,787	1,837	2,310	2,234
St. Francis Xavier	-	17	6	-	-	15	32	17	23	47
St. Mary's	-	-	-	17	36	27	46	91	108	150
Thompson Rivers	-	-	-	-	-	-	-	-	-	38
Toronto	6,714	7,596	6,339	6,377	7,586	8,881	9,500	10,057	9,849	12,012
Trent	155	76	88	182	237	266	299	316	418	468
U of Q at Chicoutimi	176	114	62	17	35	76	174	187	215	205
U of Q at Montreal	704	688	634	591	652	797	826	773	987	1,142
U of Q at Rimouski	19	84	56	6	61	210	269	194	280	361
U of Q at Trois-Rivières	168	218	152	111	111	155	270	264	205	211
U of Q at A.-T.	-	17	23	25	30	48	56	116	98	130
U of Q in Outaouais	-	-	-	-	-	-	35	74	40	-
U of Q : ÉTS	69	93	117	93	40	164	309	292	465	525
U of Q : INRS-IAF <sup>4</sup>	324	321	292	260	291	300	346	547	435	442
Victoria	807	1,054	1,049	965	1,187	1,400	1,366	1,440	1,432	1,593
Waterloo	3,541	2,973	2,811	2,887	2,886	3,978	4,084	4,317	5,219	6,268
Western Ontario	1,646	1,664	1,679	1,980	2,253	2,463	2,602	2,741	2,765	3,199
Wilfrid Laurier	12	42	36	36	19	35	40	59	94	21
Windsor	212	219	342	326	347	439	410	502	619	548
York	501	419	374	378	463	623	724	577	692	878
Other in Canada	37	-	-	-	-	-	-	-	-	10
Outside Canada	3,060	3,862	4,218	4,346	4,284	4,952	4,714	4,602	4,727	4,929
<b>TOTAL</b>	<b>51,098</b>	<b>53,486</b>	<b>50,967</b>	<b>52,340</b>	<b>58,049</b>	<b>69,660</b>	<b>74,434</b>	<b>79,707</b>	<b>83,908</b>	<b>93,583</b>

1. Includes all Postgraduate Scholarships.

2. École des H.É.C and École Polytechnique are affiliated with the University of Montreal.

3. Includes the former Technical University of Nova Scotia.

4. Includes the former Institut Armand-Frappier.

5. Includes the former Technical University of British Columbia.

Table 24

**Research Fellowships<sup>1</sup> Expenditures by University 1998-99 - 2007-08**  
 (thousands of dollars)

University	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
Acadia	-	-	-	-	-	-	-	60	60	40
Alberta	306	310	299	303	536	647	640	700	589	411
Bishop's	-	-	-	-	-	-	-	-	-	40
British Columbia	506	597	890	946	1,052	1,273	1,662	2,098	1,490	1,244
Brock	-	-	40	40	40	80	120	67	20	-
Calgary	166	272	312	450	399	545	676	632	390	320
Carleton	49	40	75	115	115	290	245	300	192	160
Concordia	23	-	40	98	115	80	140	289	65	40
Dalhousie <sup>3</sup>	95	237	305	390	333	337	413	660	698	470
Ecole Polytechnique <sup>2</sup>	35	131	93	70	35	82	100	-	40	160
Guelph	113	87	118	173	465	570	330	306	320	220
Lakehead	12	-	-	-	-	-	-	-	-	-
Laurentian	-	-	35	-	-	-	-	-	-	-
Laval	79	198	210	190	150	285	140	127	60	166
Lethbridge	-	-	-	40	40	40	40	40	140	130
Manitoba	2	-	75	110	110	162	244	176	40	60
McGill	308	228	309	472	517	686	555	730	635	707
McMaster	261	217	218	256	520	767	680	527	374	466
Memorial	12	35	63	133	203	158	133	140	152	158
Montreal <sup>2</sup>	204	243	281	290	415	364	320	553	560	375
Mount Allison	-	-	-	-	-	-	40	80	80	120
Mount St. Vincent	-	-	-	-	-	-	-	-	40	40
New Brunswick	70	146	86	35	40	80	140	220	180	80
Northern British Columbia	-	-	-	-	-	-	-	-	11	-
Okanagan	-	-	-	-	-	40	40	-	-	-
Ontario Institute of Technology	-	-	-	-	-	-	-	-	40	40
Ottawa	120	166	167	76	156	226	193	330	553	542
Prince Edward Island	-	-	-	-	-	-	-	-	20	40
Queen's	144	164	169	158	298	251	123	247	177	153
Regina	-	-	40	40	40	100	160	100	40	40
Royal Military College	-	-	50	-	-	-	-	-	40	40
Saskatchewan	71	87	109	203	215	105	122	160	160	263
Sherbrooke	140	112	40	109	115	81	153	340	140	97
Simon Fraser/ Technical Univ. of B. C. <sup>5</sup>	141	278	178	301	538	452	345	380	445	555
St. Francis Xavier	-	-	40	40	40	40	40	-	-	-
St. Mary's	12	35	52	40	3	-	40	40	80	80
Toronto	583	914	919	848	1,066	1,434	1,606	1,216	902	953
Trent	35	-	35	4	40	17	180	143	120	120
U of Q at Chicoutimi	-	40	40	40	40	40	40	40	-	-
U of Q at Montreal	75	81	23	53	124	184	80	140	160	120
U of Q at Rimouski	-	-	35	35	-	20	80	60	-	40
U of Q at Trois-Rivières	-	-	-	-	-	20	40	33	-	-
U of Q at A.-T.	-	-	-	-	-	-	40	40	40	40
U of Q : ÉTS	-	2	-	-	-	-	-	-	-	-
U of Q : INRS-IAF <sup>7</sup>	-	70	70	-	70	1	40	-	100	122
Victoria	59	98	75	163	150	156	187	250	373	340
Waterloo	269	391	292	134	255	491	405	466	443	827
Western Ontario	118	200	252	346	363	297	480	740	702	560
Wilfrid Laurier	-	-	-	35	-	-	33	20	-	-
Windsor	-	18	-	75	50	40	40	120	80	160
Winnipeg	-	-	-	-	-	-	40	40	40	60
York	47	87	151	104	139	183	200	280	220	280
Other in Canada	3,018	3,169	3,407	3,465	3,939	4,693	5,161	5,132	4,566	3,922
Outside Canada	6,722	7,554	7,185	6,732	5,901	7,073	7,553	9,043	7,711	8,096
<b>TOTAL</b>	<b>13,795</b>	<b>16,207</b>	<b>16,779</b>	<b>17,107</b>	<b>18,625</b>	<b>22,391</b>	<b>24,040</b>	<b>27,064</b>	<b>23,289</b>	<b>22,897</b>

1. Includes PDF, URF, IR&DF, WFA and UFA.

2. Ecole des H.E.C and Ecole Polytechnique are affiliated with the University of Montreal.

3. Includes the former Technical University of Nova Scotia.

4. Includes the former Institut Armand-Frappier.

5. Includes the former Technical University of British Columbia.

Table 25

**Canada Research Chairs Expenditures by University/College 2000-01 - 2007-08**  
(thousands of dollars)

University/College	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
Acadia	-	-	225	300	375	400	400	475
Alberta	425	2,075	3,650	5,050	5,950	6,575	7,008	7,225
Algoma	-	-	-	-	50	200	200	200
Athabasca	-	-	50	100	100	100	100	75
Bishop's	-	-	150	200	200	200	200	200
Brandon	-	-	-	75	125	200	200	200
British Columbia	500	3,075	4,500	5,967	7,575	8,525	9,475	9,623
Brock	-	100	300	500	700	700	700	650
Calgary	100	875	1,625	1,975	2,675	3,300	3,375	3,725
Cape Breton	-	-	-	-	-	-	75	100
Carleton	100	625	950	1,450	1,875	1,900	2,100	2,300
Concordia	-	-	25	125	900	1,500	1,600	1,600
Dalhousie	-	600	1,350	1,825	2,300	2,500	3,150	3,550
École des H.É.C. <sup>1</sup>	-	200	200	200	200	200	300	300
École Polytechnique <sup>1</sup>	125	1,575	1,900	2,450	2,700	2,925	2,900	3,050
Guelph	-	500	950	1,775	2,350	2,475	3,075	3,131
Lakehead	-	200	400	400	400	400	500	400
Laurentian	-	300	500	600	700	850	850	800
Laval	550	1,850	2,475	3,100	4,025	4,530	5,075	4,850
Lethbridge	-	-	-	275	500	575	750	800
Vancouver Island	-	-	-	-	75	100	100	100
Manitoba	150	350	900	1,425	1,600	1,725	2,375	2,775
McGill	125	475	1,275	2,087	3,400	5,050	5,748	6,575
McMaster	450	1,550	2,450	3,175	3,975	4,350	4,700	4,650
Memorial	-	-	350	1,050	1,200	1,300	1,550	1,495
Moncton	50	100	100	175	200	175	200	200
Montreal <sup>1</sup>	550	1,725	2,450	2,900	3,475	3,850	4,200	4,325
Mount Allison	-	200	200	200	200	200	200	200
N.S. Agri. College	-	-	-	100	300	400	400	400
New Brunswick	250	550	800	1,025	1,225	1,450	1,700	1,600
Northern British Columbia	-	100	175	125	125	425	500	500
Okanagan	-	-	-	-	50	-	-	-
Ontario Institute of Technology	-	-	-	-	200	200	200	500
Ottawa	100	450	1,225	1,875	1,975	2,025	2,400	2,550
Prince Edward Island	-	-	-	-	75	175	350	425
Queen's	250	875	1,225	1,600	2,150	2,650	3,125	3,600
Regina	-	-	-	400	500	550	800	875
Royal Military College	-	-	150	300	400	400	-	143
Ryerson	-	100	300	300	450	550	675	850
Saskatchewan	-	350	750	1,275	2,075	2,475	2,700	2,516
Sherbrooke	100	375	1,250	1,500	1,875	2,000	1,980	1,900
Simon Fraser/ Technical Univ. of B. C. <sup>2</sup>	-	775	1,150	1,510	1,800	2,475	2,875	3,000
St. Francis Xavier	-	-	75	100	225	300	500	600
St. Mary's	-	-	50	275	300	300	300	375
Thompson Rivers	-	-	-	-	75	100	100	100
Toronto	850	2,750	4,625	5,950	7,350	8,767	10,775	10,705
Trent	-	150	275	300	325	400	400	525
Trinity Western	-	-	-	-	-	-	25	100
U of Q at A.-T.	-	-	100	350	500	500	500	500
U of Q at Chicoutimi	-	-	50	400	400	500	500	500
U of Q at Montreal	-	200	200	575	950	1,200	1,250	1,300
U of Q at Rimouski	-	225	300	350	400	400	400	400
U of Q at Trois-Rivières	-	200	400	400	400	400	400	400
U of Q in Outaouais	-	-	50	200	200	200	200	200
U of Q : ÉTS	-	50	250	350	500	600	600	600
U of Q : INRS	-	125	500	950	1,200	1,300	1,400	1,400
Victoria	-	300	950	1,638	1,950	2,600	2,750	3,000
Waterloo	-	1,175	2,375	3,652	4,750	5,800	5,950	5,844
Western Ontario	300	750	1,275	1,800	2,500	2,550	2,725	3,250
Wilfrid Laurier	-	25	100	250	450	575	451	400
Windsor	-	425	825	1,100	996	1,275	1,316	1,500
Winnipeg	-	25	100	100	100	100	100	100
York	150	700	975	1,500	1,800	1,800	1,725	1,650
<b>TOTAL</b>	<b>5,125</b>	<b>27,050</b>	<b>47,475</b>	<b>67,628</b>	<b>86,396</b>	<b>100,247</b>	<b>111,179</b>	<b>115,882</b>

1. École des H.É.C and École Polytechnique are affiliated with the University of Montreal.

2. Includes the former Technical University of British Columbia.

Table 26

**Postgraduate Scholarships and Postdoctoral Fellowships**  
**Number of Awards to Canadians by Country of Tenure of the Award 2003-04 - 2007-08**

Country	<u>Postgraduate Scholarships<sup>1</sup></u>					<u>Postdoctoral Fellowships</u>				
	2003-04	2004-05	2005-06	2006-07	2007-08	2003-04	2004-05	2005-06	2006-07	2007-08
<b>North America</b>										
Canada	3,370	2,576	2,330	2,209	2,352	269	254	279	227	240
Mexico	1	-	-	-	-	-	-	-	-	-
United States	248	190	169	202	201	175	162	177	178	185
<b>South America</b>										
Chile	-	-	-	-	-	-	1	1	1	-
<b>Europe</b>										
Austria	-	1	1	-	-	1	1	-	-	-
Belgium	1	-	-	-	-	2	1	1	-	-
Czech Republic	-	-	-	-	-	-	-	1	1	1
Denmark	1	-	-	1	1	1	1	1	1	1
Finland	-	-	-	-	-	-	-	-	-	1
France	4	4	3	1	3	9	9	6	11	9
Germany	2	2	4	6	7	8	9	13	9	9
Greece	-	-	-	-	-	-	-	-	-	1
Ireland	-	1	1	-	1	2	2	1	-	-
Italy	-	-	-	-	-	4	3	2	1	1
Netherlands	3	3	3	2	-	4	7	8	2	1
Norway	1	1	-	-	-	1	-	1	3	1
Poland	-	-	-	-	-	-	1	-	-	-
Spain	-	-	-	-	-	2	-	-	1	1
Sweden	2	2	1	1	1	1	1	2	1	-
Switzerland	3	1	3	2	3	9	9	5	3	5
United Kingdom	37	42	36	37	36	25	24	27	35	28
<b>Oceania</b>										
Australia	5	5	4	4	4	8	10	11	5	7
New Zealand	1	1	-	1	3	-	1	1	2	2
<b>Asia</b>										
Hong Kong	-	-	-	-	-	-	-	-	-	1
India	-	-	-	-	-	1	-	-	-	-
Japan <sup>2</sup>	-	-	-	-	-	1	1	-	-	1
Korea	-	-	-	-	-	1	1	-	-	-
Thailand	-	-	1	1	-	-	-	-	-	-
<b>Africa</b>										
Egypt	-	-	-	-	-	-	-	1	1	1
South Africa	-	1	1	1	-	-	-	-	-	-
<b>Total</b>	<b>3,679</b>	<b>2,830</b>	<b>2,557</b>	<b>2,468</b>	<b>2,612</b>	<b>524</b>	<b>498</b>	<b>538</b>	<b>482</b>	<b>496</b>

1. Excludes Canada Graduate Scholarships and Industrial Postgraduate Scholarships.

2. Excludes Canadian Postdoctoral Fellows in Japan nominated by NSERC and funded by Japanese Society for the Promotion of Science (JSPS). NSERC's annual quota is for 15 fellows.

**Table 27****Discovery Grants<sup>1</sup> Competition Results, 1998 - 2008**

<b>Competition Year</b>	<b>No. of Requests</b>	<b>No. of Awards</b>	<b>Success Rate (%)</b>	<b>Dollars Requested (\$K)</b>	<b>Dollars Awarded (\$K)</b>	<b>Funding Rate (%)</b>	<b>Average Grant</b>
1998	2,685	1,990	74.1	134,803	64,366	47.7	32,345
1999	2,645	1,892	71.5	137,663	61,050	44.3	32,267
2000	2,963	2,111	71.2	156,482	67,720	43.3	32,080
2001	3,089	2,461	79.7	186,319	92,480	49.6	37,578
2002	2,947	2,466	83.7	168,703	92,449	54.8	37,489
2003	3,001	2,401	80.0	172,660	76,600	44.4	31,904
2004	3,043	2,297	75.5	175,854	73,987	42.1	32,210
2005	3,245	2,439	75.2	182,054	78,180	42.9	32,054
2006	3,285	2,399	73.0	189,238	77,873	41.2	32,461
2007	3,617	2,544	70.3	213,333	82,292	38.6	32,348
2008	3,434	2,450	71.3	195,788	76,297	39.0	31,142

1. Includes Discovery grants (individual, group, project, and multidisciplinary network groups), EWR Steacie supplement, and Subatomic Physics discovery grants (individual, group, and project).

Table 28

Discovery Grants<sup>1</sup> Competition Results<sup>3</sup> by Grant Selection Committee, 2008

Grant Selection Committee	No. of Requests	No. of Awards	Success Rate (%)	Dollars Requested (\$K)	Dollars Awarded (\$K)	Funding Rate (%)	Average Grant <sup>2</sup>
Integrative Animal Biology	201	120	59.7	11,457	3,898	34.0	32,480
Cell Biology	239	132	55.2	14,845	4,633	31.2	35,099
Molec. & Develop. Genetics	119	70	58.8	7,264	2,346	32.3	33,510
Evolution & Ecology	211	152	72.0	11,368	4,029	35.4	26,510
Plant Biology & Food Science	98	71	72.4	6,433	2,602	40.4	36,645
Psychology	182	118	64.8	9,856	3,166	32.1	26,830
Inorganic & Organic Chemistry	154	114	74.0	12,890	5,694	44.2	49,947
Anal. & Phys. Chemistry	156	127	81.4	12,733	5,880	46.2	46,297
Solid Earth Sciences	138	114	82.6	7,419	3,388	45.7	29,716
Environmental Earth Sciences	125	92	73.6	6,191	2,248	36.3	24,437
Condensed Matter Physics	79	67	84.8	6,231	2,590	41.6	38,661
General Physics	34	24	70.6	2,079	800	38.5	33,350
Subatomic Physics <sup>2</sup>	57	51	89.5	8,013	4,741	59.2	92,960
Space & Astronomy	77	68	88.3	5,419	2,418	44.6	35,556
Statistical Sciences	122	85	69.7	3,997	1,359	34.0	15,989
Pure & Applied Maths	167	128	76.6	5,939	2,476	41.7	19,342
Chem. & Metallurgical Eng.	219	177	80.8	11,870	4,796	40.4	27,095
Civil Engineering	199	131	65.8	8,527	3,267	38.3	24,941
Commun., Computers & Components	114	91	79.8	6,327	2,555	40.4	28,074
Electromag. & Electr. Systems	96	68	70.8	5,011	2,019	40.3	29,694
Mechanical Engineering	222	153	68.9	10,365	3,661	35.3	23,929
Industrial Engineering	90	57	63.3	3,574	1,203	33.7	21,107
Computing & Information Sci .	288	207	71.9	14,672	5,003	34.1	24,169
E.W.R. Steacie Fellowship	6	6	100.0	807	807	100.0	134,475
Interdisciplinary	41	27	65.9	2,501	718	28.7	26,595
<b>Total</b>	<b>3,434</b>	<b>2,450</b>	<b>71.3</b>	<b>195,788</b>	<b>76,297</b>	<b>39.0</b>	<b>31,142</b>

1. Includes Discovery grants (individual and group), EWR Steacie supplement, and Subatomic Physics Discovery Grants (individual, group, and project).

2. Average grant is higher because of large project grants awarded in Subatomic Physics.

3. As of April 2008.

Table 29

Discovery Grants<sup>1</sup> Competition Results<sup>3</sup> by University, 2008

University	No. of Requests	No. of Awards	Success Rate (%)	Dollars Requested (\$K)	Dollars Awarded (\$K)	Funding Rate (%)	Average Grant
Acadia	19	14	73.7	760	311	41.0	22,221
Alberta	181	146	80.7	11,436	5,535	48.4	37,911
Athabasca	9	3	33.3	318	45	14.2	15,000
Bishop's	5	3	60.0	179	45	25.0	14,908
Brandon	5	4	80.0	254	88	34.7	22,017
British Columbia	210	149	71.0	13,780	5,577	40.5	37,428
Brock	27	17	63.0	1,429	533	37.3	31,360
Calgary	162	120	74.1	9,449	3,709	39.3	30,912
Cape Breton	5	2	40.0	151	41	27.2	20,525
Carleton	80	56	70.0	4,011	1,509	37.6	26,938
Concordia	66	49	74.2	3,341	1,143	34.2	23,331
Dalhousie	68	54	79.4	3,849	1,645	42.7	30,462
École des H.É.C. <sup>2</sup>	6	5	83.3	213	98	46.0	19,600
École Polytechnique <sup>2</sup>	36	28	77.8	2,116	818	38.7	29,221
Guelph	101	71	70.3	5,954	2,416	40.6	34,033
Lakehead	29	18	62.1	1,256	446	35.5	24,772
Laurentian	38	20	52.6	1,642	725	44.2	36,255
Laval	117	87	74.4	6,043	2,347	38.8	26,982
Lethbridge	26	20	76.9	1,271	522	41.1	26,106
Vancouver Island	5	2	40.0	239	44	18.4	22,000
Manitoba	101	57	56.4	5,526	1,673	30.3	29,351
McGill	176	125	71.0	11,599	4,358	37.6	34,864
McMaster	107	81	75.7	6,575	2,568	39.1	31,705
Memorial	71	50	70.4	3,480	1,314	37.7	26,272
Moncton	23	8	34.8	768	149	19.4	18,588
Montréal	111	77	69.4	7,601	2,837	37.3	36,849
Mount Allison	13	10	76.9	592	264	44.7	26,443
N.S. Agri. College	7	3	42.9	275	68	24.8	22,667
New Brunswick	59	42	71.2	2,972	1,020	34.3	24,294
Nipissing	6	4	66.7	175	65	37.0	16,183
Northern British Columbia	14	11	78.6	509	251	49.3	22,809
Ontario Institute of Technology	22	15	68.2	834	253	30.4	16,883
Ottawa	105	81	77.1	6,068	2,633	43.4	32,503
Prince Edward Island	14	7	50.0	603	193	32.0	27,586
Queen's	87	79	90.8	8,595	3,905	45.4	49,434
Regina	30	25	83.3	1,425	618	43.4	24,730
Royal Military College	27	11	40.7	996	249	25.0	22,621
Ryerson	60	23	38.3	2,529	449	17.8	19,535
Saskatchewan	113	79	69.9	6,372	2,378	37.3	30,097
Sherbrooke	65	42	64.6	3,811	1,305	34.3	31,080
Simon Fraser	79	67	84.8	4,733	2,030	42.9	30,294
St. Francis Xavier	17	10	58.8	600	245	40.9	24,522
St. Mary's	14	11	78.6	748	253	33.9	23,032
Thompson Rivers	9	4	44.4	231	53	23.0	13,325
Toronto	221	167	75.6	14,204	5,919	41.7	35,440
Trent	20	15	75.0	1,102	358	32.5	23,895
U of Q at A.-T.	7	-	-	216	-	-	-
U of Q at Chicoutimi	14	9	64.3	693	223	32.2	24,831
U of Q at Montreal	52	38	73.1	2,839	1,084	38.2	28,535
U of Q at Rimouski	11	7	63.6	509	133	26.2	19,071
U of Q at Trois-Rivières	23	11	47.8	1,002	286	28.6	26,007
U of Q in Outaouais	6	4	66.7	275	125	45.5	31,245
U of Q : ÉTS	20	11	55.0	860	217	25.2	19,727
U of Q : INRS	31	25	80.6	1,733	682	39.4	27,278
Victoria	64	53	82.8	3,941	1,727	43.8	32,578
Waterloo	141	117	83.0	7,957	3,278	41.2	28,015
Western Ontario	121	90	74.4	6,956	2,523	36.3	28,035
Wilfrid Laurier	20	11	55.0	809	270	33.3	24,512
Windsor	55	35	63.6	2,508	891	35.5	25,461
Winnipeg	14	9	64.3	488	235	48.2	26,123
York	65	47	72.3	3,199	1,258	39.3	26,757
Universities < 5 Applicants	24	11	45.8	1,191	357	30.0	32,447
<b>Total</b>	<b>3,434</b>	<b>2,450</b>	<b>71.3</b>	<b>195,788</b>	<b>76,297</b>	<b>39.0</b>	<b>31,142</b>

1. Includes Discovery grants (individual and group), EWR Steacie supplement, and Subatomic Physics Discovery Grants (individual, group, and project).

2. École des H.É.C and École Polytechnique are affiliated with the University of Montreal.

3. As of April 2008.

**Table 30****Research Tools and Instruments Grants<sup>1</sup> Competition Results, 1998 - 2008**

<b>Competition Year</b>	<b>No. of Requests</b>	<b>No. of Awards</b>	<b>Success Rate (%)</b>	<b>Dollars Requested (\$K)</b>	<b>Dollars Awarded (\$K)</b>	<b>Funding Rate (%)</b>	<b>Average Grant</b>
1998	1,514	535	35.3	97,203	26,930	27.7	50,337
1999	1,595	712	44.6	102,520	40,358	39.4	56,683
2000	1,558	798	51.2	102,126	43,315	42.4	54,280
2001	1,618	642	39.7	114,997	38,571	33.5	60,080
2002	1,402	430	30.7	101,805	26,455	26.0	61,524
2003	1,487	325	21.9	100,368	19,599	19.5	60,305
2004	1,325	471	35.5	87,151	25,054	28.7	53,193
2005	1,407	595	42.3	95,216	35,152	36.9	59,078
2006	1,439	610	42.4	99,328	36,981	37.2	60,624
2007	1,538	769	50.0	108,672	49,552	45.6	64,437
2008	1,593	594	37.3	114,404	38,688	33.8	65,131

1. Category 1 (\$7,000 - \$150,000), Category 2 (\$150,000 - \$325,000), Category 3 (>\$325,000), and Subatomic Physics Research Tools and Instruments Grants.

Table 31

Research Tools and Instruments Grants<sup>1</sup> Competition Results<sup>2</sup> by Grant Selection Committee, 2008

Grant Selection Committee	No. of Requests	No. of Awards	Success Rate (%)	Dollars Requested (\$K)	Dollars Awarded (\$K)	Funding Rate (%)	Average Grant
Integrative Animal Biology	125	43	34.4	7,583	2,532	33.4	58,895
Cell Biology	80	34	42.5	5,895	1,912	32.4	56,242
Molec. & Develop. Genetics	57	19	33.3	3,692	1,217	33.0	64,037
Evolution & Ecology	96	42	43.8	3,898	1,317	33.8	31,346
Plant Biology & Food Science	91	34	37.4	5,311	1,748	32.9	51,401
Psychology	55	23	41.8	2,892	944	32.6	41,029
Inorganic & Organic Chemistry	146	53	36.3	12,032	4,032	33.5	76,082
Anal. & Phys. Chemistry	98	35	35.7	9,035	2,971	32.9	84,890
Solid Earth Sciences	46	11	23.9	3,221	1,087	33.8	98,839
Environmental Earth Sciences	69	30	43.5	4,056	1,358	33.5	45,280
Condensed Matter Physics	66	26	39.4	5,397	1,872	34.7	71,988
General Physics	34	10	29.4	3,130	985	31.5	98,533
Subatomic Physics	16	13	81.3	1,499	1,119	74.7	86,087
Space & Astronomy	16	7	43.8	931	414	44.5	59,195
Statistical Sciences	4	1	25.0	378	87	23.1	87,330
Pure & Applied Maths	4	2	50.0	356	146	40.9	72,861
Chem. & Metallurgical Eng.	155	52	33.5	13,859	4,639	33.5	89,205
Civil Engineering	95	37	38.9	6,857	2,143	31.2	57,906
Commun., Computers & Components	44	15	34.1	3,617	1,233	34.1	82,198
Electromag. & Electr. Systems	65	24	36.9	5,006	1,784	35.6	74,332
Mechanical Engineering	151	51	33.8	10,925	3,601	33.0	70,598
Industrial Engineering	6	2	33.3	448	152	34.0	76,236
Computing & Information Sci .	60	24	40.0	3,453	1,077	31.2	44,887
Interdisciplinary	14	6	42.9	932	318	34.1	52,940
<b>Total</b>	<b>1,593</b>	<b>594</b>	<b>37.3</b>	<b>114,404</b>	<b>38,688</b>	<b>33.8</b>	<b>65,131</b>

1. Category 1 (\$7,000 - \$150,000), Category 2 (\$150,000 - \$325,000), Category 3 (&gt;\$325,000), and Subatomic Physics Research Tools and Instruments Grants.

2. As of May 2008.

Table 32

Research Tools and Instruments Grants<sup>1</sup> Competition Results<sup>3</sup> by University, 2008

University	No. of Requests	No. of Awards	Success Rate (%)	Dollars Requested (\$K)	Dollars Awarded (\$K)	Funding Rate (%)	Average Grant
Acadia	9	2	22.2	739	63	8.5	31,450
Alberta	96	51	53.1	6,828	3,699	54.2	72,528
British Columbia	110	47	42.7	8,240	2,949	35.8	62,747
Brock	11	3	27.3	585	255	43.6	85,094
Calgary	39	19	48.7	3,042	1,460	48.0	76,851
Carleton	25	15	60.0	1,604	929	57.9	61,926
Concordia	30	7	23.3	1,866	491	26.3	70,110
Dalhousie	50	20	40.0	3,575	1,367	38.2	68,332
École Polytechnique <sup>2</sup>	26	11	42.3	2,357	955	40.5	86,821
Guelph	45	22	48.9	3,255	1,215	37.3	55,218
Lakehead	6	4	66.7	274	185	67.8	46,337
Laurentian	16	-	-	1,062	-	-	-
Laval	71	26	36.6	5,210	1,579	30.3	60,719
Lethbridge	14	7	50.0	710	210	29.5	29,931
Manitoba	40	12	30.0	2,715	828	30.5	68,976
McGill	82	31	37.8	6,434	2,373	36.9	76,561
McMaster	50	16	32.0	3,851	1,163	30.2	72,712
Memorial	22	10	45.5	1,698	746	44.0	74,628
Montréal	49	19	38.8	3,534	1,054	29.8	55,490
N.S. Agri. College	6	1	16.7	554	73	13.2	73,013
New Brunswick	22	6	27.3	1,252	232	18.5	38,626
Northern British Columbia	9	4	44.4	365	157	43.0	39,283
Ontario Institute of Technology	14	2	14.3	788	91	11.5	45,288
Ottawa	63	19	30.2	5,743	1,558	27.1	82,013
Queen's	50	23	46.0	3,740	1,407	37.6	61,195
Regina	9	4	44.4	522	183	35.0	45,720
Ryerson	41	6	14.6	2,801	221	7.9	36,783
Saskatchewan	46	16	34.8	3,291	901	27.4	56,309
Sherbrooke	40	13	32.5	2,699	894	33.1	68,782
Simon Fraser	35	14	40.0	2,064	706	34.2	50,431
St. Mary's	5	1	20.0	365	120	32.9	120,000
Toronto	111	46	41.4	8,563	3,190	37.3	69,343
U of Q at Montreal	25	10	40.0	1,913	812	42.4	81,168
U of Q at Rimouski	10	6	60.0	607	342	56.3	56,932
U of Q at Trois-Rivières	7	1	14.3	587	150	25.6	150,000
U of Q : ÉTS	7	4	57.1	560	241	42.9	60,156
U of Q : INRS	28	10	35.7	2,256	772	34.2	77,188
Victoria	37	16	43.2	2,228	1,023	45.9	63,938
Waterloo	69	24	34.8	5,766	1,800	31.2	75,008
Western Ontario	47	8	17.0	3,263	465	14.2	58,086
Wilfrid Laurier	9	2	22.2	372	41	11.1	20,735
Windsor	28	9	32.1	1,669	436	26.1	48,434
Winnipeg	10	3	30.0	643	211	32.8	70,286
York	28	13	46.4	1,560	703	45.1	54,115
Universities < 5 Applicants	46	11	23.9	2,652	439	16.5	39,882
<b>Total</b>	<b>1,593</b>	<b>594</b>	<b>37.3</b>	<b>114,404</b>	<b>38,688</b>	<b>33.8</b>	<b>65,131</b>

1. Category 1 (\$7,000 - \$150,000), Category 2 (\$150,000 - \$325,000), Category 3 (&gt;\$325,000), and Subatomic Physics Research Tools and Instruments Grants.

2. École Polytechnique is affiliated with the University of Montreal.

3. As of May 2008.

**Table33****Strategic Project Grants<sup>1</sup> Competition Results<sup>2</sup>, 1998 - 2007**

<b>Competition Year</b>	<b>No. of Requests</b>	<b>No. of Awards</b>	<b>Success Rate (%)</b>	<b>Dollars Requested (\$M)</b>	<b>Dollars Awarded (\$M)</b>	<b>Funding Rate (%)</b>	<b>Average Grant (\$000's)</b>
1998	246	94	38.2	25.4	10.2	40.1	108.4
1999	256	93	36.3	29.9	10.4	34.7	111.5
2000	270	124	45.9	34.5	15.3	44.3	123.2
2001	319	97	30.4	44.8	12.9	28.9	133.5
2002	306	105	34.3	45.3	14.5	32.1	138.3
2003	432	110	25.5	59.9	13.4	22.3	121.7 *
2004	364	100	27.5	50.6	13.3	26.3	133.4
2005	389	90	23.1	55.2	12.5	22.6	138.5
2006	431	133	30.9	60.4	17.3	28.7	130.3
2007	640	309	48.3	75.3	36.2	48.1	117.1

1. Includes BIOCAP projects since 2002.

2. As of February 21, 2008.

\* Includes 7 BIOCAP awards of which 6 were entirely paid by BIOCAP. Average grant excluding the BIOCAP awards was \$132,600.

**Table 34****Strategic and Greenhouse Gas Mitigation Project Grants Competition Results<sup>1</sup> by Area, 2007**

<b>Area</b>	<b>No. of Requests</b>	<b>No. of Awards</b>	<b>Success Rate (%)</b>	<b>Dollars Requested (\$M)</b>	<b>Dollars Awarded (\$M)</b>	<b>Funding Rate (%)</b>	<b>Average Grant</b>
Biomedical Technologies	40	19	47.5	5.65	2.66	47.1	140.2
Communications and Information	163	78	47.9	18.12	8.84	48.8	113.3
Energy	126	73	57.9	13.51	7.79	57.7	106.8
Environment	196	89	45.4	21.72	10.46	48.1	117.5
Food and Bioproducts	38	12	31.6	5.55	1.62	29.1	134.8
Manufacturing	37	20	54.1	5.09	2.59	50.8	129.3
Safety and Security	30	16	53.3	4.50	1.94	43.0	121.0
New Media Initiative	10	2	20.0	1.13	0.30	26.8	151.6
<b>Total</b>	<b>640</b>	<b>309</b>	<b>48.3</b>	<b>75.27</b>	<b>36.20</b>	<b>48.1</b>	<b>117.1</b>

1. As of February 21, 2008.

Table 35

Strategic Project Grants Competition Results<sup>1</sup> by University, 2007

University	No. of Requests	No. of Awards	Success Rate (%)	Dollars Requested (\$M)	Dollars Awarded (\$M)	Funding Rate (%)	Average Grant (\$000's)
Alberta	29	13	44.8	3.69	1.50	40.6	115.3
British Columbia	57	34	59.6	6.97	4.00	57.3	117.5
Calgary	24	12	50.0	2.55	1.39	54.7	116.1
Carleton	7	3	42.9	0.86	0.37	42.9	123.6
Concordia	15	7	46.7	1.66	0.87	52.2	123.7
Dalhousie	20	6	30.0	2.22	0.60	27.1	100.3
École Polytechnique <sup>2</sup>	27	14	51.9	3.39	1.63	48.2	116.6
Guelph	16	4	25.0	1.84	0.44	24.1	110.5
Lakehead	5	3	60.0	0.64	0.45	69.9	149.8
Laval	22	12	54.5	2.91	1.42	48.8	118.2
Manitoba	23	10	43.5	2.52	1.27	50.3	127.0
McGill	46	23	50.0	5.65	2.73	48.3	118.6
McMaster	18	10	55.6	2.33	1.45	62.1	144.8
Memorial	5	3	60.0	0.50	0.33	66.2	110.8
Montreal	8	3	37.5	0.99	0.40	40.0	131.7
New Brunswick	8	4	50.0	0.85	0.48	56.6	120.2
Ottawa	28	8	28.6	3.26	0.84	25.6	104.6
Queen's	15	8	53.3	1.70	0.82	47.9	101.9
Regina	11	3	27.3	1.12	0.33	29.3	109.1
Ryerson	8	1	12.5	0.80	0.12	15.6	124.5
Saskatchewan	16	8	50.0	2.04	1.22	59.9	152.6
Sherbrooke	16	10	62.5	2.04	1.11	54.4	111.2
Simon Fraser	24	13	54.2	2.68	1.35	50.2	103.5
Toronto	39	21	53.8	4.30	2.50	58.1	118.9
Trent	11	6	54.5	1.48	0.75	50.4	124.5
U of Q at Montreal	5	4	80.0	0.55	0.42	75.8	105.1
U of Q : INRS	20	10	50.0	2.42	1.18	48.9	118.1
Victoria	18	7	38.9	1.98	0.71	36.1	102.1
Waterloo	41	23	56.1	5.07	2.55	50.2	110.7
Western Ontario	19	7	36.8	1.89	0.61	31.9	86.5
Windsor	6	4	66.7	0.71	0.48	67.0	119.4
York	6	3	50.0	0.76	0.41	53.7	136.5
Universities < 5 Applicants	27	12	44.4	2.89	1.49	51.6	124.3
<b>Total</b>	<b>640</b>	<b>309</b>	<b>48.3</b>	<b>75.3</b>	<b>36.2</b>	<b>48.1</b>	<b>117.1</b>

1. As of February 21, 2008.

2. École Polytechnique is affiliated with the University of Montreal.

**Table 36****Postgraduate Scholarships and Postdoctoral Fellowships  
Competition Results, 1998 - 2008**

Competition Year	Postgraduate Scholarships <sup>1</sup>			Postdoctoral Fellowships <sup>2</sup>		
	No. of Requests <sup>3</sup>	No. of Awards <sup>4</sup>	Success Rate (%)	No. of Requests	No. of Awards <sup>4</sup>	Success Rate (%)
1998	2,089	1,461	69.9	779	247	31.7
1999	2,318	1,556	67.1	704	228	32.4
2000	2,490	1,676	67.3	694	227	32.7
2001	2,614	1,689	64.6	636	235	36.9
2002	2,709	1,886	69.6	671	234	34.9
2003 <sup>5</sup>	2,847	1,976	69.4	746	235	31.5
2004 <sup>5</sup>	2,965	2,075	70.0	959	275	28.7
2005 <sup>5</sup>	3,362	2,452	72.9	956	277	29.0
2006 <sup>5</sup>	3,318	2,086	62.9	1,005	255	25.4
2007 <sup>5</sup>	3,135	2,148	68.5	1,097	254	23.2
2008 <sup>5</sup>	3,365	2,354	70.0	1,169	250	21.4

1. Includes all Postgraduate Scholarships.

2. Excludes NATO Fellowships.

3. Number of Postgraduate Scholarship applications starting in 1997 are limited by Canadian university quotas.

4. As of end of February for each year, and excludes alternate awards offered to recommended candidates following decline by original candidate.

5. Includes Canada Graduate Scholarships.

**Table 37**

**Postgraduate Scholarships and Postdoctoral Fellowships  
Competition Results<sup>4</sup> by Selection Committee, 2008**

Selection Committee	Postgraduate Scholarships <sup>1</sup>			Postgraduate Scholarships <sup>1</sup>			Postdoctoral Fellowships <sup>2</sup>		
	No. of Requests <sup>3</sup>	Master's		No. of Requests <sup>3</sup>	Doctoral		No. of Requests	No. of Awards	Success Rate (%)
		No. of Awards	Success Rate (%)		No. of Awards	Success Rate (%)			
Cell and Molecular Biology	267	197	73.8	201	132	65.7	130	27	20.8
Chemistry	126	94	74.6	117	77	65.8	112	24	21.4
Earth Sciences and Ecology	297	219	73.7	239	157	65.7	156	34	21.8
Electrical Eng. and Computing Sc.	231	170	73.6	260	170	65.4	222	47	21.2
Engineering	295	217	73.6	277	181	65.3	248	54	21.8
Life Sciences and Psychology	287	212	73.9	263	173	65.8	132	28	21.2
Mathematics	128	95	74.2	113	74	65.5	88	18	20.5
Physics and Astronomy	133	99	74.4	131	87	66.4	81	18	22.2
<b>Total</b>	<b>1,764</b>	<b>1,303</b>	<b>73.9</b>	<b>1,601</b>	<b>1,051</b>	<b>65.6</b>	<b>1,169</b>	<b>250</b>	<b>21.4</b>

1. Includes Postgraduate Scholarships and Canada Graduate Scholarships.

2. Excludes NATO Fellowships.

3. Number of Postgraduate Scholarship applications starting in 1997 are limited by Canadian university quotas.

4. As of April 2008.

Table 38

**Postgraduate Scholarships and Postdoctoral Fellowships  
Competition Results<sup>5</sup> by University, 2008**

University applicant was attending at the time of application	Postgraduate Scholarships <sup>1</sup>			Postgraduate Scholarships <sup>1</sup>			Postdoctoral Fellowships <sup>2</sup>		
	Master's			Doctoral			No. of Requests	No. of Awards	Success Rate (%)
	No. of Requests <sup>4</sup>	No. of Awards	Success Rate (%)	No. of Requests <sup>4</sup>	No. of Awards	Success Rate (%)			
Acadia	17	13	76.5	(*)	(*)	(*)	---	---	---
Alberta	102	73	71.6	89	58	65.2	58	17	29.3
Bishop's	6	3	50.0	---	---	---	---	---	---
British Columbia	95	72	75.8	131	88	67.2	56	15	26.8
Brock	13	11	84.6	5	4	80.0	(*)	(*)	(*)
Calgary	62	44	71.0	72	43	59.7	19	5	26.3
Carleton	36	30	83.3	37	24	64.9	13	1	7.7
Concordia	12	9	75.0	17	9	52.9	26	2	7.7
Dalhousie	39	30	76.9	49	34	69.4	21	7	33.3
École Polytechnique <sup>3</sup>	20	18	90.0	13	9	69.2	12	2	16.7
Guelph	30	23	76.7	44	26	59.1	13	3	23.1
Lakehead	8	6	75.0	(*)	(*)	(*)	---	---	---
Laurentian	7	4	57.1	5	4	80.0	---	---	---
Laval	62	44	71.0	42	23	54.8	28	1	3.6
Lethbridge	7	7	100.0	5	3	60.0	(*)	(*)	(*)
Manitoba	41	32	78.0	33	21	63.6	17	3	17.6
McGill	87	67	77.0	88	61	69.3	52	14	26.9
McMaster	57	54	94.7	44	38	86.4	41	13	31.7
Memorial	23	18	78.3	14	11	78.6	11	1	9.1
Moncton	6	5	83.3	(*)	(*)	(*)	---	---	---
Montreal	42	26	61.9	55	21	38.2	29	5	17.2
Mount Allison	13	12	92.3	---	---	---	---	---	---
Mount Saint Vincent	9	7	77.8	---	---	---	---	---	---
New Brunswick	34	29	85.3	15	10	66.7	6	1	16.7
Nipissing	7	3	42.9	---	---	---	---	---	---
Northern British Columbia	7	7	100.0	(*)	(*)	(*)	---	---	---
Ontario Institute of Technology	9	5	55.6	---	---	---	---	---	---
Ottawa	73	53	72.6	50	35	70.0	21	3	14.3
Prince Edward Island	12	9	75.0	---	---	---	---	---	---
Queen's	78	55	70.5	60	38	63.3	29	4	13.8
Regina	7	4	57.1	7	4	57.1	5	0	0.0
Ryerson	6	5	83.3	(*)	(*)	(*)	(*)	(*)	(*)
Saint Mary's	9	6	66.7	(*)	(*)	(*)	(*)	(*)	(*)
Saskatchewan	20	17	85.0	25	15	60.0	9	1	11.1
Sherbrooke	35	20	57.1	27	17	63.0	13	1	7.7
Simon Fraser	43	28	65.1	35	21	60.0	19	6	31.6
St. Francis Xavier	10	7	70.0	---	---	---	---	---	---
Thompson Rivers	9	6	66.7	---	---	---	---	---	---
Toronto	160	119	74.4	155	106	68.4	82	21	25.6
Trent	12	10	83.3	(*)	(*)	(*)	(*)	(*)	(*)
U of Q at Montreal	28	24	85.7	13	7	53.8	10	3	30.0
U of Q at Rimouski	6	6	100.0	(*)	(*)	(*)	(*)	(*)	(*)
U of Q at Trois-Rivières	9	6	66.7	5	3	60.0	(*)	(*)	(*)
U of Q: ÉTS	7	7	100.0	(*)	(*)	(*)	(*)	(*)	(*)
U of Q: INRS	(*)	(*)	(*)	9	7	77.8	12	2	16.7
Victoria	25	19	76.0	33	23	69.7	15	4	26.7
Waterloo	97	76	78.4	98	65	66.3	72	19	26.4
Western Ontario	57	45	78.9	52	36	69.2	34	4	11.8
Wilfrid Laurier	6	4	66.7	(*)	(*)	(*)	---	---	---
Windsor	12	10	83.3	14	11	78.6	9	2	22.2
Winnipeg	14	9	64.3	---	---	---	---	---	---
York	17	12	70.6	15	7	46.7	14	1	7.1
Universities < 5 Applicants	38	18	47.4	35	21	60.0	20	6	30.0
Other than Universities	79	46	58.2	74	47	63.5	324	65	20.1
Universities outside Canada	44	30	68.2	136	101	74.3	79	18	22.8
<b>Total</b>	<b>1,764</b>	<b>1,303</b>	<b>73.9</b>	<b>1,601</b>	<b>1,051</b>	<b>65.6</b>	<b>1,169</b>	<b>250</b>	<b>21.4</b>

(\*): Number of applicants was lower than 5.

1. Includes Postgraduate Scholarships and Canada Graduate Scholarships.

2. Excludes NATO Fellowships.

3. École Polytechnique is affiliated with the University of Montreal.

4. Number of Postgraduate Scholarship applications starting in 1997 are limited by Canadian university quotas.

5. As of April 2008.

Table 39

**Gross Expenditures on R&D in the Natural Sciences and Engineering**  
(millions of dollars)

**PERFORMING SECTOR:**

Year	Federal Government			Provincial Governments			Business Enterprises			Higher Education			Private Non-Profit			Foreign			Total	
	\$	1998 \$	% of Total	\$	1998 \$	% of Total	\$	1998 \$	% of Total	\$	1998 \$	% of Total	\$	1998 \$	% of Total	\$	1998 \$	% of Total	\$	1998 \$
1998	1,581	1,581	12.8	164	164	1.3	8,808	8,808	71.1	1,838	1,838	14.8	1	1	0.0	-	-	-	12,392	12,392
1999	1,671	1,643	12.4	189	186	1.4	9,438	9,280	69.9	2,197	2,160	16.3	6	6	0.0	-	-	-	13,501	13,274
2000	1,879	1,774	11.9	211	199	1.3	11,142	10,519	70.8	2,487	2,348	15.8	11	10	0.1	-	-	-	15,730	14,850
2001	1,858	1,734	10.6	228	213	1.3	12,724	11,877	72.4	2,767	2,583	15.7	8	7	0.0	-	-	-	17,585	16,415
2002	1,887	1,743	11.1	232	214	1.4	11,715	10,824	69.2	3,085	2,850	18.2	10	9	0.1	-	-	-	16,929	15,641
2003	1,767	1,580	10.0	224	200	1.3	12,240	10,948	69.1	3,457	3,092	19.5	29	26	0.2	-	-	-	17,717	15,846
2004	1,762	1,527	9.5	235	204	1.3	12,902	11,183	69.3	3,696	3,203	19.8	36	31	0.2	-	-	-	18,631	16,148
2005	2,080	1,744	10.7	241	202	1.2	13,296	11,148	68.1	3,859	3,235	19.8	44	37	0.2	-	-	-	19,520	16,366
2006	1,955	1,601	9.9	255	209	1.3	13,479	11,041	67.9	4,102	3,360	20.7	52	43	0.3	-	-	-	19,843	16,253
2007	1,993	1,582	9.8	259	206	1.3	13,842	10,987	67.7	4,290	3,405	21.0	51	40	0.2	-	-	-	20,435	16,220

**FUNDING SECTOR:**

Year	Federal Government			Provincial Governments			Business Enterprises			Higher Education			Private Non-Profit			Foreign			Total	
	\$	1998 \$	% of Total	\$	1998 \$	% of Total	\$	1998 \$	% of Total	\$	1998 \$	% of Total	\$	1998 \$	% of Total	\$	1998 \$	% of Total	\$	1998 \$
1998	2,260	2,260	18.2	376	376	3.0	6,542	6,542	52.8	833	833	6.7	66	66	0.5	2,315	2,315	18.7	12,392	12,392
1999	2,512	2,470	18.6	463	455	3.4	7,060	6,942	52.3	1,002	985	7.4	69	68	0.5	2,395	2,355	17.7	13,501	13,274
2000	2,729	2,576	17.3	525	496	3.3	8,148	7,692	51.8	1,092	1,031	6.9	84	79	0.5	3,152	2,976	20.0	15,730	14,850
2001	3,039	2,837	17.3	616	575	3.5	10,356	9,667	58.9	1,127	1,052	6.4	104	97	0.6	2,343	2,187	13.3	17,585	16,415
2002	2,945	2,721	17.4	689	637	4.1	10,647	9,837	62.9	1,294	1,196	7.6	127	117	0.8	1,227	1,134	7.2	16,929	15,641
2003	3,037	2,716	17.1	799	715	4.5	10,958	9,801	61.9	1,368	1,224	7.7	129	115	0.7	1,426	1,275	8.0	17,717	15,846
2004	3,060	2,652	16.4	807	699	4.3	11,528	9,992	61.9	1,504	1,304	8.1	146	127	0.8	1,586	1,375	8.5	18,631	16,148
2005	3,468	2,908	17.8	811	680	4.2	11,829	9,918	60.6	1,602	1,343	8.2	151	127	0.8	1,659	1,391	8.5	19,520	16,366
2006	3,433	2,812	17.3	849	695	4.3	11,952	9,790	60.2	1,704	1,396	8.6	167	137	0.8	1,738	1,424	8.8	19,843	16,253
2007	3,533	2,804	17.3	880	699	4.3	12,281	9,748	60.1	1,782	1,414	8.7	174	138	0.9	1,785	1,417	8.7	20,435	16,220

Source: Statistics Canada

**Table 40**

**Canadian University R&D Funding in the Natural Sciences and Engineering**  
(millions of dollars)

Year	Federal Government			Provincial Governments			Business Enterprises			Universities			Private Non-Profit			Foreign			Total	
	1998	% of		1998	% of		1998	% of		1998	% of		1998	% of		1998	% of		1998	
	\$	\$	Total	\$	\$	Total	\$	\$	Total	\$	\$	Total	\$	\$	Total	\$	\$	Total	\$	\$
1998	476	476	25.9	186	186	10.1	248	248	13.5	833	833	45.3	65	65	3.5	30	30	1.6	1,838	1,838
1999	581	571	26.4	241	237	11.0	273	268	12.4	1,002	985	45.6	66	65	3.0	34	33	1.5	2,197	2,160
2000	673	635	27.1	294	278	11.8	320	302	12.9	1,092	1,031	43.9	78	74	3.1	30	28	1.2	2,487	2,348
2001	792	739	28.6	356	332	12.9	342	319	12.4	1,127	1,052	40.7	100	93	3.6	50	47	1.8	2,767	2,583
2002	836	772	27.1	414	383	13.4	358	331	11.6	1,294	1,196	41.9	122	113	4.0	61	56	2.0	3,085	2,850
2003	1,032	923	29.9	508	454	14.7	387	346	11.2	1,368	1,224	39.6	116	104	3.4	46	41	1.3	3,457	3,092
2004	1,085	940	29.4	519	450	14.0	402	348	10.9	1,504	1,304	40.7	128	111	3.5	58	50	1.6	3,696	3,203
2005	1,136	952	29.4	487	408	12.6	426	357	11.0	1,602	1,343	41.5	139	117	3.6	69	58	1.8	3,859	3,235
2006	1,206	988	29.4	514	421	12.5	452	370	11.0	1,704	1,396	41.5	153	125	3.7	73	60	1.8	4,102	3,360
2007	1,261	1,001	29.4	539	428	12.6	472	375	11.0	1,782	1,414	41.5	160	127	3.7	76	60	1.8	4,290	3,405

Source: Statistics Canada

**Table 41****NSERC R&D Expenditures**  
(thousands of dollars)

Fiscal Year	University	Industry <sup>1</sup>	Provincial	Private			Intramural <sup>5</sup>	Total
				Non-Profit	Foreign <sup>2</sup>	Other		
1998-99	395,231	2,862	-	-	6,722	19,728	18,220	442,763
1999-00	428,602	3,046	-	-	7,290	14,778	20,007	473,723
2000-01	447,223	3,191	-	7,300	7,185	9,370	22,999	497,268
2001-02	458,836	3,296	-	7,300	6,732	12,498	28,197	516,859
2002-03	512,673	3,727	-	6,000	5,901	12,290	30,957	571,548
2003-04	577,949	4,205	-	10,600	7,073	6,749	30,391	636,967
2004-05	641,892	4,381	-	9,819	7,553	6,011	32,200	701,856
2005-06	687,970	4,422	-	14,700	9,289	2,495	33,375	752,251
2006-07	719,838	4,146	-	15,472	8,004	1,147	35,211	783,818
2007-08	774,002	3,662	-	67,234	8,187	-	39,996	893,081

1. NSERC Industrial Research and Development Fellowships.

2. NSERC Postdoctoral Fellowships held abroad..

3. NSERC administration expenses.

Source: Statistics Canada

Table 42

**Business Enterprises R&D Expenditures**  
(millions of dollars)

Sector	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
<b>TELECOMMUNICATIONS</b>	<b>1,887</b>	<b>2,266</b>	<b>2,278</b>	<b>3,160</b>	<b>3,180</b>	<b>1,995</b>	<b>1,698</b>	<b>1,504</b>	<b>1,553</b>	<b>1,580</b>
Communications Equipment	1,749	2,130	2,278	3,160	3,180	1,995	1,698	1,504	1,553	1,580
Communications	138	136	-	-	-	-	-	-	-	-
<b>TRANSPORTATION &amp; AEROSPACE</b>	<b>1,280</b>	<b>1,348</b>	<b>1,477</b>	<b>1,320</b>	<b>1,415</b>	<b>1,361</b>	<b>1,399</b>	<b>1,500</b>	<b>1,497</b>	<b>1,534</b>
Aerospace Products and Parts	1,057	1,130	1,129	883	949	867	889	886	890	912
Motor Vehicle and Parts	197	183	303	380	407	432	451	533	523	537
Transportation and Warehousing	12	19	25	34	33	45	35	37	40	40
Other Transportation Equipment	14	16	20	23	26	17	24	44	44	45
<b>UTILITIES</b>	<b>186</b>	<b>216</b>	<b>196</b>	<b>187</b>	<b>172</b>	<b>131</b>	<b>130</b>	<b>244</b>	<b>195</b>	<b>197</b>
Electrical Power	182	212	191	181	165	125	121	233	184	186
Other Utilities	4	4	5	6	7	6	9	11	11	11
<b>PHARMACEUTICALS</b>	<b>502</b>	<b>548</b>	<b>576</b>	<b>766</b>	<b>889</b>	<b>1,163</b>	<b>1,121</b>	<b>1,185</b>	<b>1,251</b>	<b>1,293</b>
Pharmaceuticals and Medicine	502	548	576	766	889	1,163	1,121	1,185	1,251	1,293
<b>COMPUTER SOFTWARE/HARDWARE</b>	<b>952</b>	<b>1,075</b>	<b>763</b>	<b>1,012</b>	<b>1,328</b>	<b>1,300</b>	<b>1,287</b>	<b>1,313</b>	<b>1,352</b>	<b>1,248</b>
Business Machines	356	423	-	-	-	-	-	-	-	-
Computer System Design and Related Services	596	652	563	785	1,103	1,076	1,077	1,126	1,163	1,056
Computer and Peripheral Equipment	-	-	181	207	202	206	191	165	167	170
Other Computer and Electronic Products	-	-	19	20	23	18	19	22	22	22
<b>ELECTRONICS</b>	<b>523</b>	<b>613</b>	<b>783</b>	<b>1,036</b>	<b>1,183</b>	<b>1,023</b>	<b>907</b>	<b>938</b>	<b>971</b>	<b>998</b>
Semiconductor and Other Electronic Components	320	361	581	826	872	811	740	802	837	869
Electronic Parts and Components	89	129	-	-	-	-	-	-	-	-
Electrical Equipment, Appliance and Components	-	-	202	210	311	212	167	136	134	129
Other Electrical Products	114	123	-	-	-	-	-	-	-	-
<b>MINING AND METALLURGY</b>	<b>227</b>	<b>218</b>	<b>226</b>	<b>238</b>	<b>284</b>	<b>325</b>	<b>360</b>	<b>367</b>	<b>359</b>	<b>361</b>
Primary Metals (Non-Ferrous)	131	130	140	140	162	192	231	214	205	203
Non-Metallic Mineral Products	11	13	17	19	20	46	45	50	52	52
Primary Metals (Ferrous)	18	15	23	26	52	42	31	37	35	36
Mining	67	60	46	53	50	45	53	66	67	70
<b>OIL AND GAS</b>	<b>232</b>	<b>174</b>	<b>145</b>	<b>170</b>	<b>218</b>	<b>308</b>	<b>354</b>	<b>343</b>	<b>309</b>	<b>334</b>
Oil and Gas Extraction	131	96	88	129	164	209	215	208	178	191
Petroleum and Coal Products	101	78	57	41	54	99	139	135	131	143
<b>CHEMICAL</b>	<b>209</b>	<b>222</b>	<b>403</b>	<b>370</b>	<b>375</b>	<b>364</b>	<b>393</b>	<b>340</b>	<b>335</b>	<b>332</b>
Other Chemicals	159	165	307	269	274	260	260	201	185	178
Plastic Products	38	39	69	69	79	88	110	116	127	131
Rubber Products	12	18	27	32	22	16	23	23	23	23
<b>FOOD AND BEVERAGES</b>	<b>150</b>	<b>155</b>	<b>137</b>	<b>157</b>	<b>170</b>	<b>206</b>	<b>215</b>	<b>218</b>	<b>213</b>	<b>207</b>
Food	84	87	66	75	71	89	108	123	117	117
Agriculture	42	51	45	51	70	84	59	64	61	56
Beverages and Tobacco	16	13	21	23	22	27	42	26	30	29
Fishing, Hunting and Trapping	8	4	5	8	7	6	6	5	5	5
<b>FORESTRY/PULP AND PAPER</b>	<b>184</b>	<b>191</b>	<b>180</b>	<b>214</b>	<b>483</b>	<b>478</b>	<b>481</b>	<b>548</b>	<b>545</b>	<b>546</b>
Paper	135	147	113	154	420	405	403	468	468	468
Wood Products	35	33	47	42	48	56	58	61	59	59
Logging and Forestry	14	11	20	18	15	17	20	19	18	19
<b>MACHINERY</b>	<b>206</b>	<b>226</b>	<b>325</b>	<b>405</b>	<b>441</b>	<b>456</b>	<b>452</b>	<b>446</b>	<b>470</b>	<b>488</b>
Machinery	206	226	325	405	441	456	452	446	470	488
<b>OTHER</b>	<b>2,241</b>	<b>2,372</b>	<b>2,905</b>	<b>3,313</b>	<b>4,180</b>	<b>4,407</b>	<b>4,909</b>	<b>5,498</b>	<b>5,600</b>	<b>5,731</b>
Engineering and Scientific Services	732	899	-	-	-	-	-	-	-	-
Finance, Insurance and Real Estate	196	204	109	142	169	215	235	303	331	356
Wholesale Trade	633	600	607	734	617	628	633	729	770	757
Other Services	163	151	223	184	221	229	212	206	215	225
Scientific and Professional Equipment	115	144	-	-	-	-	-	-	-	-
Fabricated Metal Products	107	128	85	93	112	156	171	175	172	177
Other Manufacturing Industries	73	62	105	120	143	149	161	165	162	167
Management, Scientific and Technical Consulting	57	34	44	63	83	88	74	65	66	69
Textiles	62	67	38	46	48	48	51	54	51	48
Retail Trade	45	42	26	27	45	46	33	24	24	24
Construction	38	24	36	45	51	47	43	46	46	46
Printing	13	11	8	11	16	22	22	25	25	25
Furniture and Related Products	7	6	10	9	14	21	23	26	26	26
Health Care and Social Assistance	-	-	319	306	341	383	381	347	365	364
Architectural, Engineering and Related Services	-	-	412	412	548	499	487	497	478	442
Scientific, Research and Development Services	-	-	264	399	777	888	922	1,110	1,083	1,142
Information and Cultural Industries	-	-	310	311	571	624	1,115	1,361	1,456	1,518
Navig., Measuring, Medical and Control Instruments	-	-	309	411	424	364	346	365	330	345
<b>TOTAL</b>	<b>8,781</b>	<b>9,623</b>	<b>10,394</b>	<b>12,346</b>	<b>14,320</b>	<b>13,516</b>	<b>13,704</b>	<b>14,441</b>	<b>14,655</b>	<b>14,850</b>

Source: Statistics Canada

Table 43

## Personnel Engaged in R&amp;D by Industry, 2004

Industry	Number of R&D Performers	Professional Personnel by Degree Level				Technicians	Other	Total
		Bachelors	Masters	Doctorates				
<b>TELECOMMUNICATIONS</b>	<b>129</b>	<b>5,822</b>	<b>1,794</b>	<b>485</b>	<b>818</b>	<b>571</b>	<b>9,490</b>	
Communications Equipment	129	5,822	1,794	485	818	571	9,490	
<b>TRANSPORTATION &amp; AEROSPACE</b>	<b>431</b>	<b>3,758</b>	<b>985</b>	<b>259</b>	<b>3,150</b>	<b>2,213</b>	<b>10,427</b>	
Aerospace Products and Parts	64	1,568	531	107	1,049	1,109	4,364	
Motor Vehicle and Parts	187	1,743	334	102	1,645	1,011	4,835	
Transportation and Warehousing	96	168	-	-	108	55	393	
Other Transportation Equipment	84	279	120	50	348	38	835	
<b>UTILITIES</b>	<b>69</b>	<b>253</b>	<b>126</b>	<b>131</b>	<b>232</b>	<b>153</b>	<b>895</b>	
Electrical Power	12	145	126	131	197	129	728	
Other Utilities	57	108	-	-	35	24	167	
<b>PHARMACEUTICALS</b>	<b>83</b>	<b>1,694</b>	<b>800</b>	<b>629</b>	<b>1,509</b>	<b>1,070</b>	<b>5,702</b>	
Pharmaceuticals and Medicine	83	1,694	800	629	1,509	1,070	5,702	
<b>COMPUTER SOFTWARE/HARDWARE</b>	<b>2,042</b>	<b>9,801</b>	<b>1,927</b>	<b>576</b>	<b>4,535</b>	<b>1,040</b>	<b>17,920</b>	
Computer System Design and Related Services	1,931	9,033	1,757	497	4,079	736	16,102	
Computer and Peripheral Equipment	67	617	170	79	349	277	1,492	
Other Computer and Electronic Products	44	151	-	-	107	27	326	
<b>ELECTRONICS</b>	<b>343</b>	<b>3,998</b>	<b>1,278</b>	<b>304</b>	<b>1,464</b>	<b>570</b>	<b>7,614</b>	
Semiconductor and Other Electronic Components	144	3,268	1,069	245	839	306	5,727	
Electrical Equipment, Appliance and Components	199	730	209	59	625	264	1,887	
<b>MINING AND METALLURGY</b>	<b>286</b>	<b>932</b>	<b>205</b>	<b>173</b>	<b>906</b>	<b>417</b>	<b>2,670</b>	
Primary Metals (Non-Ferrous)	58	467	130	125	426	211	1,359	
Non-Metallic Mineral Products	135	204	-	-	188	104	533	
Primary Metals (Ferrous)	50	150	28	16	170	60	424	
Mining	43	111	47	32	122	42	354	
<b>OIL AND GAS</b>	<b>73</b>	<b>319</b>	<b>109</b>	<b>88</b>	<b>229</b>	<b>65</b>	<b>810</b>	
Oil and Gas Extraction	49	215	79	40	135	55	524	
Petroleum and Coal Products	24	104	30	48	94	10	286	
<b>CHEMICAL</b>	<b>721</b>	<b>1,597</b>	<b>239</b>	<b>147</b>	<b>1,676</b>	<b>613</b>	<b>4,272</b>	
Other Chemicals	302	895	153	111	899	291	2,349	
Plastic Products	370	604	68	29	663	279	1,643	
Rubber Products	49	98	18	7	114	43	280	
<b>FOOD AND BEVERAGES</b>	<b>887</b>	<b>1,170</b>	<b>105</b>	<b>59</b>	<b>940</b>	<b>710</b>	<b>3,041</b>	
Food	450	677	80	49	503	326	1,635	
Agriculture	363	292	-	-	313	337	999	
Beverages and Tobacco	28	173	25	10	96	27	331	
Fishing, Hunting and Trapping	46	28	-	-	28	20	76	
<b>FORESTRY/PULP AND PAPER</b>	<b>371</b>	<b>689</b>	<b>142</b>	<b>120</b>	<b>959</b>	<b>659</b>	<b>2,667</b>	
Paper	103	377	142	120	626	506	1,771	
Wood Products	225	228	-	-	251	128	678	
Logging and Forestry	43	84	-	-	82	25	218	
<b>MACHINERY</b>	<b>1,086</b>	<b>2,495</b>	<b>462</b>	<b>141</b>	<b>2,466</b>	<b>759</b>	<b>6,323</b>	
Machinery	1,086	2,495	462	141	2,466	759	6,323	
<b>OTHER</b>	<b>7,302</b>	<b>23,898</b>	<b>5,706</b>	<b>2,500</b>	<b>16,241</b>	<b>6,425</b>	<b>54,840</b>	
Finance, Insurance and Real Estate	157	1,036	267	54	948	132	2,437	
Wholesale Trade	1,066	2,972	653	320	1,665	693	6,303	
Other Services	902	1,482	230	117	1,119	323	3,271	
Fabricated Metal Products	845	1,071	62	23	1,451	445	3,052	
Other Manufacturing Industries	512	674	83	81	914	278	2,030	
Management, Scientific and Technical Consulting	390	749	55	16	338	84	1,242	
Textiles	159	235	17	4	322	227	805	
Retail Trade	262	255	-	-	200	70	528	
Construction	401	406	-	-	392	119	950	
Printing	155	149	-	-	282	50	500	
Furniture and Related Products	211	174	-	-	225	109	523	
Health Care and Social Assistance	119	827	393	244	1,537	496	3,497	
Architectural, Engineering and Related Services	726	3,536	847	291	1,365	403	6,442	
Scientific, Research and Development Services	651	3,695	1,194	850	2,420	813	8,972	
Information and Cultural Industries	489	4,361	1,391	343	1,944	1,945	9,984	
Navig., Measuring, Medical and Control Instruments	257	2,276	514	157	1,119	238	4,304	
<b>TOTAL</b>	<b>13,823</b>	<b>56,426</b>	<b>14,108</b>	<b>5,747</b>	<b>35,125</b>	<b>15,265</b>	<b>126,671</b>	

Source: Statistics Canada

Table 44

Bachelor's Enrolment (Full-Time) in the Natural Sciences and Engineering<sup>1</sup> 1992-93 - 2003-04

## Canadian and Permanent Residents:

Academic Year	ALL FIELDS			Life Sci.			% of Total	Eng. and Computer Sci.			% of Total	Math. and Physical Sci.			% of Total	NSE TOTAL			% of Total
	Male	Female	Total	Male	Female	Total		Male	Female	Total		Male	Female	Total		Male	Female	Total	
1992-93	208,314	242,772	451,086	14,457	16,314	30,768	6.8	38,001	8,070	46,068	10.2	10,212	5,670	15,882	3.5	62,670	30,054	92,718	20.6
1993-94	207,465	246,564	454,029	15,396	18,141	33,537	7.4	38,703	8,712	47,412	10.4	10,248	5,883	16,131	3.6	64,347	32,736	97,080	21.4
1994-95	206,097	248,631	454,728	16,530	20,079	36,606	8.1	38,691	8,976	47,670	10.5	9,603	5,805	15,408	3.4	64,824	34,860	99,684	21.9
1995-96	203,577	250,437	454,017	17,331	21,783	39,111	8.6	39,123	9,162	48,288	10.6	9,132	5,742	14,871	3.3	65,586	36,687	102,270	22.5
1996-97	203,439	254,004	457,443	17,205	22,281	39,483	8.6	40,575	9,657	50,232	11.0	8,688	5,601	14,286	3.1	66,468	37,539	104,001	22.7
1997-98	200,946	255,477	456,423	16,767	23,178	39,948	8.8	42,399	10,407	52,803	11.6	8,211	5,541	13,755	3.0	67,377	39,126	106,506	23.3
1998-99	198,780	257,913	456,693	15,849	23,157	39,006	8.5	45,021	11,664	56,682	12.4	7,806	5,607	13,410	2.9	68,676	40,428	109,098	23.9
1999-00	197,985	264,588	462,582	14,925	23,451	38,376	8.3	46,527	12,702	59,232	12.8	7,701	5,718	13,422	2.9	69,153	41,871	111,030	24.0
2000-01	197,598	271,479	469,104	14,316	23,802	38,115	8.1	48,162	13,173	61,338	13.1	7,416	5,412	12,828	2.7	69,894	42,387	112,281	23.9
2001-02	204,000	283,710	487,743	13,731	23,541	37,278	7.6	50,529	13,650	64,179	13.2	7,587	5,499	13,086	2.7	71,847	42,690	114,543	23.5
2002-03	214,743	299,823	514,590	13,905	24,267	38,178	7.4	52,632	13,338	65,976	12.8	8,034	5,850	13,884	2.7	74,571	43,455	118,038	22.9
2003-04	230,475	327,267	557,814	15,555	26,676	42,237	7.6	53,634	12,720	66,363	11.9	8,991	6,549	15,537	2.8	78,180	45,945	124,137	22.3
Avg. Growth																			
92-03	1.1%	3.4%	2.4%	0.8%	5.6%	3.6%	-	3.9%	5.2%	4.1%	-	-1.4%	1.6%	-0.2%	-	2.5%	4.8%	3.3%	-

## Foreign:

Academic Year	ALL FIELDS			Life Sci.			% of Total	Eng. and Computer Sci.			% of Total	Math. and Physical Sci.			% of Total	NSE TOTAL			% of Total
	Male	Female	Total	Male	Female	Total		Male	Female	Total		Male	Female	Total		Male	Female	Total	
1992-93	8,463	6,984	15,447	366	423	786	5.1	2,907	639	3,546	23.0	771	450	1,224	7.9	4,044	1,512	5,556	36.0
1993-94	7,776	6,507	14,283	375	414	789	5.5	2,676	579	3,255	22.8	666	396	1,062	7.4	3,717	1,389	5,106	35.7
1994-95	6,912	5,877	12,789	315	402	714	5.6	2,379	543	2,922	22.8	468	327	798	6.2	3,162	1,272	4,434	34.7
1995-96	6,264	5,415	11,679	282	390	672	5.8	2,070	468	2,538	21.7	372	258	630	5.4	2,724	1,116	3,840	32.9
1996-97	6,090	5,301	11,391	261	363	624	5.5	1,956	417	2,379	20.9	306	222	525	4.6	2,523	1,002	3,528	31.0
1997-98	6,357	5,610	11,970	276	375	651	5.4	2,073	477	2,550	21.3	279	222	504	4.2	2,628	1,074	3,705	31.0
1998-99	7,074	6,273	13,347	336	432	768	5.8	2,307	570	2,877	21.6	270	207	477	3.6	2,913	1,209	4,122	30.9
1999-00	8,535	7,815	16,353	369	540	909	5.6	2,799	708	3,507	21.4	333	231	567	3.5	3,501	1,479	4,983	30.5
2000-01	9,537	8,943	18,483	390	624	1,014	5.5	3,306	918	4,227	22.9	351	237	591	3.2	4,047	1,779	5,832	31.6
2001-02	11,394	10,869	22,266	498	762	1,263	5.7	4,116	1,185	5,304	23.8	474	324	798	3.6	5,088	2,271	7,365	33.1
2002-03	13,701	12,867	26,568	552	861	1,413	5.3	4,815	1,287	6,102	23.0	624	444	1,065	4.0	5,991	2,592	8,580	32.3
2003-04	16,707	15,813	32,529	720	1,068	1,788	5.5	5,469	1,323	6,795	20.9	858	666	1,524	4.7	7,047	3,057	10,107	31.1
Avg. Growth																			
92-03	7.8%	9.5%	8.6%	7.8%	10.8%	9.6%	-	7.3%	8.4%	7.5%	-	1.2%	4.4%	2.5%	-	6.4%	8.1%	6.9%	-

## Total:

Academic Year	ALL FIELDS			Life Sci.			% of Total	Eng. and Computer Sci.			% of Total	Math. and Physical Sci.			% of Total	NSE TOTAL			% of Total
	Male	Female	Total	Male	Female	Total		Male	Female	Total		Male	Female	Total		Male	Female	Total	
1992-93	216,777	249,756	466,533	14,818	16,736	31,554	6.8	40,908	8,706	49,614	10.6	10,983	6,121	17,104	3.7	66,709	31,563	98,272	21.1
1993-94	215,238	253,071	468,309	15,772	18,553	34,325	7.3	41,378	9,290	50,668	10.8	10,913	6,278	17,191	3.7	68,063	34,121	102,184	21.8
1994-95	213,010	254,506	467,516	16,844	20,476	37,320	8.0	41,072	9,517	50,589	10.8	10,071	6,135	16,206	3.5	67,987	36,128	104,115	22.3
1995-96	209,840	255,855	465,695	17,613	22,175	39,788	8.5	41,196	9,630	50,826	10.9	9,503	6,001	15,504	3.3	68,312	37,806	106,118	22.8
1996-97	209,529	259,305	468,834	17,464	22,645	40,109	8.6	42,534	10,075	52,609	11.2	8,992	5,820	14,812	3.2	68,990	38,540	107,530	22.9
1997-98	207,305	261,087	468,392	17,043	23,558	40,601	8.7	44,469	10,885	55,354	11.8	8,490	5,765	14,255	3.0	70,002	40,208	110,210	23.5
1998-99	205,852	264,187	470,039	16,188	23,589	39,777	8.5	47,324	12,235	59,559	12.7	8,075	5,813	13,888	3.0	71,587	41,637	113,224	24.1
1999-00	206,519	272,401	478,937	15,294	23,990	39,285	8.2	49,325	13,410	62,737	13.1	8,036	5,950	13,987	2.9	72,655	43,350	116,009	24.2
2000-01	207,134	280,420	487,589	14,707	24,421	39,129	8.0	51,468	14,092	65,564	13.4	7,768	5,650	13,418	2.8	73,943	44,163	118,111	24.2
2001-02	215,394	294,577	510,008	14,233	24,308	38,543	7.6	54,647	14,834	69,483	13.6	8,059	5,823	13,882	2.7	76,939	44,965	121,908	23.9
2002-03	228,446	312,690	541,158	14,457	25,131	39,590	7.3	57,453	14,623	72,079	13.3	8,653	6,293	14,946	2.8	80,563	46,047	126,615	23.4
2003-04	247,181	343,080	590,342	16,275	27,744	44,026	7.5	59,104	14,046	73,157	12.4	9,845	7,215	17,060	2.9	85,224	49,005	134,243	22.7
Avg. Growth																			
92-03	1.5%	3.6%	2.6%	1.0%	5.8%	3.8%	-	4.2%	5.5%	4.4%	-	-1.2%	1.8%	0.0%	-	2.8%	5.0%	3.5%	-

1. Only includes data for major fields reported by Statistics Canada. Other NSE fields supported by NSERC are not reported. Numbers do not add up due to rounding.

Source: Statistics Canada

Table 45

Master's Enrolment (Full-Time) in the Natural Sciences and Engineering<sup>1</sup> 1992-93 - 2003-04

## Canadian and Permanent Residents:

Academic Year	ALL FIELDS			Life Sci.			% of	Eng. and Computer Sci.			% of	Math. and Physical Sci.			% of	NSE TOTAL			% of	
	Male	Female	Total	Male	Female	Total	Total	Male	Female	Total	Total	Male	Female	Total	Total	Male	Female	Total	Total	
1992-93	17,865	16,713	34,578	1,950	1,752	3,705	10.7	3,474	732	4,200	12.1	1,224	531	1,743	5.0	6,648	3,015	9,648	27.9	
1993-94	18,591	17,634	36,225	2,097	1,854	3,951	10.9	3,696	867	4,563	12.6	1,293	561	1,857	5.1	7,086	3,282	10,371	28.6	
1994-95	18,465	18,066	36,531	2,139	1,977	4,116	11.3	3,570	969	4,536	12.4	1,347	645	1,992	5.5	7,056	3,591	10,644	29.1	
1995-96	18,129	18,459	36,588	2,028	2,109	4,137	11.3	3,522	984	4,512	12.3	1,305	693	1,998	5.5	6,855	3,786	10,647	29.1	
1996-97	18,012	18,771	36,780	2,166	2,301	4,464	12.1	3,447	1,005	4,452	12.1	1,227	615	1,842	5.0	6,840	3,921	10,758	29.2	
1997-98	17,892	19,419	37,311	2,262	2,475	4,737	12.7	3,453	1,047	4,497	12.1	1,155	660	1,809	4.8	6,870	4,182	11,043	29.6	
1998-99	18,696	20,898	39,594	2,451	2,721	5,172	13.1	3,402	1,125	4,527	11.4	1,281	711	1,998	5.0	7,134	4,557	11,697	29.5	
1999-00	19,152	21,765	40,917	2,403	2,925	5,325	13.0	3,720	1,287	5,004	12.2	1,329	789	2,121	5.2	7,452	5,001	12,450	30.4	
2000-01	19,155	21,762	40,917	2,370	2,958	5,331	13.0	3,924	1,368	5,289	12.9	1,302	837	2,136	5.2	7,596	5,163	12,756	31.2	
2001-02	20,058	22,860	42,924	2,355	3,189	5,547	12.9	4,539	1,569	6,105	14.2	1,347	864	2,208	5.1	8,241	5,622	13,860	32.3	
2002-03	22,119	24,765	46,887	2,463	3,396	5,859	12.5	5,589	1,920	7,512	16.0	1,413	924	2,337	5.0	9,465	6,240	15,708	33.5	
2003-04	23,724	26,379	50,106	2,577	3,639	6,225	12.4	6,156	2,001	8,160	16.3	1,530	1,035	2,568	5.1	10,263	6,675	16,953	33.8	
Avg. Growth																				
92-03	3.2%	5.2%	4.2%	3.1%	8.5%	5.9%	-	6.6%	11.8%	7.7%	-	2.5%	7.7%	4.4%	-	4.9%	9.2%	6.5%	-	

## Foreign:

Academic Year	ALL FIELDS			Life Sci.			% of	Eng. and Computer Sci.			% of	Math. and Physical Sci.			% of	NSE TOTAL			% of	
	Male	Female	Total	Male	Female	Total	Total	Male	Female	Total	Total	Male	Female	Total	Total	Male	Female	Total	Total	
1992-93	4,203	2,211	6,414	507	309	819	12.8	1,500	312	1,812	28.3	477	177	654	10.2	2,484	798	3,285	51.2	
1993-94	3,768	2,166	5,934	465	300	765	12.9	1,290	330	1,620	27.3	414	201	615	10.4	2,169	831	3,000	50.6	
1994-95	3,225	1,944	5,169	372	249	621	12.0	1,023	249	1,272	24.6	369	147	516	10.0	1,764	645	2,409	46.6	
1995-96	2,814	1,821	4,635	309	225	531	11.5	843	210	1,053	22.7	303	126	429	9.3	1,455	561	2,013	43.4	
1996-97	2,925	1,881	4,806	285	216	504	10.5	852	216	1,068	22.2	273	141	411	8.6	1,410	573	1,983	41.3	
1997-98	2,925	1,956	4,881	294	207	504	10.3	849	234	1,086	22.2	264	153	417	8.5	1,407	594	2,007	41.1	
1998-99	3,144	2,055	5,199	264	225	489	9.4	921	246	1,167	22.4	270	147	420	8.1	1,455	618	2,076	39.9	
1999-00	3,462	2,508	5,970	297	267	564	9.4	993	261	1,251	21.0	288	177	465	7.8	1,578	705	2,280	38.2	
2000-01	3,756	2,706	6,462	321	303	624	9.7	1,131	327	1,455	22.5	297	183	480	7.4	1,749	813	2,559	39.6	
2001-02	4,158	2,976	7,134	378	360	738	10.3	1,350	420	1,770	24.8	336	198	531	7.4	2,064	978	3,039	42.6	
2002-03	4,734	3,474	8,211	387	411	795	9.7	1,659	510	2,169	26.4	384	243	627	7.6	2,430	1,164	3,591	43.7	
2003-04	5,523	4,071	9,594	405	456	864	9.0	1,905	624	2,529	26.4	462	309	771	8.0	2,772	1,389	4,164	43.4	
Avg. Growth																				
92-03	3.1%	7.0%	4.6%	-2.5%	4.4%	0.6%	-	2.7%	8.0%	3.8%	-	-0.4%	6.4%	1.8%	-	1.2%	6.3%	2.7%	-	

## Total:

Academic Year	ALL FIELDS			Life Sci.			% of	Eng. and Computer Sci.			% of	Math. and Physical Sci.			% of	NSE TOTAL			% of	
	Male	Female	Total	Male	Female	Total	Total	Male	Female	Total	Total	Male	Female	Total	Total	Male	Female	Total	Total	
1992-93	22,069	18,921	40,990	2,458	2,061	4,519	11.0	4,973	1,043	6,016	14.7	1,697	702	2,399	5.9	9,128	3,806	12,934	31.6	
1993-94	22,356	19,802	42,158	2,564	2,155	4,719	11.2	4,988	1,195	6,183	14.7	1,706	763	2,469	5.9	9,258	4,113	13,371	31.7	
1994-95	21,692	20,008	41,700	2,513	2,226	4,739	11.4	4,595	1,215	5,810	13.9	1,714	794	2,508	6.0	8,822	4,235	13,057	31.3	
1995-96	20,946	20,278	41,224	2,337	2,336	4,673	11.3	4,368	1,196	5,564	13.5	1,609	820	2,429	5.9	8,314	4,352	12,666	30.7	
1996-97	20,935	20,650	41,585	2,450	2,519	4,969	11.9	4,301	1,222	5,523	13.3	1,500	754	2,254	5.4	8,251	4,495	12,746	30.7	
1997-98	20,817	21,374	42,191	2,554	2,686	5,240	12.4	4,302	1,283	5,585	13.2	1,415	811	2,226	5.3	8,271	4,780	13,051	30.9	
1998-99	21,842	22,952	44,794	2,717	2,943	5,660	12.6	4,325	1,373	5,698	12.7	1,555	859	2,414	5.4	8,597	5,175	13,772	30.7	
1999-00	22,614	24,273	46,887	2,700	3,190	5,890	12.6	4,710	1,547	6,257	13.3	1,619	969	2,588	5.5	9,029	5,706	14,735	31.4	
2000-01	22,912	24,466	47,381	2,690	3,264	5,954	12.6	5,052	1,693	6,745	14.2	1,599	1,017	2,616	5.5	9,341	5,974	15,315	32.3	
2001-02	24,218	25,838	50,057	2,737	3,545	6,282	12.5	5,887	1,989	7,876	15.7	1,683	1,059	2,742	5.5	10,307	6,593	16,900	33.8	
2002-03	26,855	28,239	55,095	2,856	3,802	6,658	12.1	7,248	2,432	9,680	17.6	1,797	1,166	2,963	5.4	11,901	7,400	19,301	35.0	
2003-04	29,246	30,448	59,700	2,986	4,097	7,085	11.9	8,059	2,626	10,686	17.9	1,994	1,345	3,339	5.6	13,039	8,068	21,110	35.4	
Avg. Growth																				
92-03	3.2%	5.4%	4.3%	2.2%	7.9%	5.1%	-	5.5%	10.8%	6.6%	-	1.8%	7.5%	3.7%	-	4.0%	8.7%	5.6%	-	

1. Only includes data for major fields reported by Statistics Canada. Other NSE fields supported by NSERC are not reported. Numbers do not add up due to rounding.

Source: Statistics Canada

Table 46

### Doctoral Enrolment (Full-Time) in the Natural Sciences and Engineering<sup>1</sup> 1992-93 - 2003-04

#### Canadian and Permanent Residents:

Academic Year	ALL FIELDS			Life Sci.			% of	Eng. and Computer Sci.			% of	Math. and Physical Sci.			% of	NSE TOTAL			% of	
	Male	Female	Total	Male	Female	Total	Total	Male	Female	Total	Total	Male	Female	Total	Total	Male	Female	Total	Total	
1992-93	9,174	6,000	15,174	1,563	888	2,451	16.2	1,707	249	1,959	12.9	1,638	402	2,037	13.4	4,908	1,539	6,447	42.5	
1993-94	9,339	6,639	15,978	1,575	984	2,559	16.0	1,836	300	2,136	13.4	1,566	411	1,980	12.4	4,977	1,695	6,675	41.8	
1994-95	9,717	7,131	16,848	1,563	1,017	2,577	15.3	2,004	309	2,310	13.7	1,605	465	2,070	12.3	5,172	1,791	6,957	41.3	
1995-96	9,993	7,509	17,502	1,626	1,047	2,673	15.3	2,091	330	2,418	13.8	1,635	474	2,115	12.1	5,352	1,851	7,206	41.2	
1996-97	10,014	7,755	17,772	1,719	1,113	2,826	15.9	2,001	357	2,358	13.3	1,551	462	2,007	11.3	5,271	1,932	7,191	40.5	
1997-98	9,981	8,187	18,168	1,722	1,152	2,877	15.8	1,923	378	2,304	12.7	1,452	468	1,923	10.6	5,097	1,998	7,104	39.1	
1998-99	10,260	8,901	19,161	1,794	1,272	3,063	16.0	1,869	372	2,241	11.7	1,395	471	1,863	9.7	5,058	2,115	7,167	37.4	
1999-00	10,359	8,973	19,329	1,947	1,443	3,390	17.5	1,962	399	2,361	12.2	1,449	522	1,971	10.2	5,358	2,364	7,722	40.0	
2000-01	10,143	9,162	19,302	1,914	1,539	3,456	17.9	1,923	414	2,343	12.1	1,407	525	1,938	10.0	5,244	2,478	7,737	40.1	
2001-02	10,287	9,573	19,863	1,956	1,629	3,585	18.0	2,055	474	2,532	12.7	1,383	549	1,935	9.7	5,394	2,652	8,052	40.5	
2002-03	10,902	10,158	21,057	2,034	1,725	3,756	17.8	2,376	600	2,976	14.1	1,413	591	2,004	9.5	5,823	2,916	8,736	41.5	
2003-04	11,901	11,208	23,109	2,079	1,869	3,951	17.1	2,838	735	3,573	15.5	1,548	669	2,220	9.6	6,465	3,273	9,744	42.2	
Avg. Growth																				
92-03	2.9%	7.2%	4.8%	3.2%	8.6%	5.4%	-	5.8%	12.8%	6.9%	-	-0.6%	5.8%	1.0%	-	3.1%	8.7%	4.7%	-	

#### Foreign:

Academic Year	ALL FIELDS			Life Sci.			% of	Eng. and Computer Sci.			% of	Math. and Physical Sci.			% of	NSE TOTAL			% of	
	Male	Female	Total	Male	Female	Total	Total	Male	Female	Total	Total	Male	Female	Total	Total	Male	Female	Total	Total	
1992-93	4,434	1,305	5,736	657	252	912	15.9	1,587	147	1,734	30.2	813	171	981	17.1	3,057	570	3,627	63.2	
1993-94	4,698	1,446	6,144	687	294	978	15.9	1,668	147	1,815	29.5	930	198	1,131	18.4	3,285	639	3,924	63.9	
1994-95	4,320	1,497	5,817	657	297	957	16.5	1,464	150	1,614	27.7	834	183	1,017	17.5	2,955	630	3,588	61.7	
1995-96	3,825	1,440	5,265	591	276	867	16.5	1,185	132	1,317	25.0	750	171	921	17.5	2,526	579	3,105	59.0	
1996-97	3,534	1,455	4,986	564	264	828	16.6	1,080	141	1,221	24.5	639	168	804	16.1	2,283	573	2,853	57.2	
1997-98	3,111	1,443	4,554	471	261	732	16.1	939	144	1,083	23.8	561	174	735	16.1	1,971	579	2,550	56.0	
1998-99	2,991	1,569	4,563	450	261	711	15.6	849	153	999	21.9	564	198	762	16.7	1,863	612	2,472	54.2	
1999-00	2,799	1,548	4,344	468	264	732	16.9	753	156	912	21.0	507	174	681	15.7	1,728	594	2,325	53.5	
2000-01	2,817	1,596	4,416	402	264	666	15.1	798	168	966	21.9	492	186	678	15.4	1,692	618	2,310	52.3	
2001-02	2,982	1,701	4,683	414	294	708	15.1	897	180	1,077	23.0	516	189	702	15.0	1,827	663	2,487	53.1	
2002-03	3,486	1,938	5,427	456	339	792	14.6	1,170	228	1,398	25.8	594	225	819	15.1	2,220	792	3,009	55.4	
2003-04	4,314	2,328	6,639	528	393	921	13.9	1,581	315	1,893	28.5	753	294	1,050	15.8	2,862	1,002	3,864	58.2	
Avg. Growth																				
92-03	-0.3%	6.6%	1.6%	-2.4%	5.1%	0.1%	-	0.0%	8.8%	1.0%	-	-0.8%	6.2%	0.8%	-	-0.7%	6.5%	0.7%	-	

#### Total:

Academic Year	ALL FIELDS			Life Sci.			% of	Eng. and Computer Sci.			% of	Math. and Physical Sci.			% of	NSE TOTAL			% of	
	Male	Female	Total	Male	Female	Total	Total	Male	Female	Total	Total	Male	Female	Total	Total	Male	Female	Total	Total	
1992-93	13,606	7,306	20,912	2,220	1,141	3,361	16.1	3,296	395	3,691	17.7	2,448	571	3,019	14.4	7,964	2,107	10,071	48.2	
1993-94	14,038	8,083	22,121	2,259	1,276	3,535	16.0	3,503	448	3,951	17.9	2,500	610	3,110	14.1	8,262	2,334	10,596	47.9	
1994-95	14,035	8,629	22,664	2,221	1,309	3,530	15.6	3,467	459	3,926	17.3	2,437	645	3,082	13.6	8,125	2,413	10,538	46.5	
1995-96	13,818	8,948	22,766	2,221	1,323	3,544	15.6	3,276	463	3,739	16.4	2,386	649	3,035	13.3	7,883	2,435	10,318	45.3	
1996-97	13,549	9,209	22,758	2,282	1,375	3,657	16.1	3,081	497	3,578	15.7	2,186	629	2,815	12.4	7,549	2,501	10,050	44.2	
1997-98	13,093	9,630	22,723	2,192	1,418	3,610	15.9	2,864	523	3,387	14.9	2,014	642	2,656	11.7	7,070	2,583	9,653	42.5	
1998-99	13,251	10,473	23,724	2,242	1,531	3,773	15.9	2,716	525	3,241	13.7	1,956	671	2,627	11.1	6,914	2,727	9,641	40.6	
1999-00	13,156	10,520	23,676	2,417	1,706	4,123	17.4	2,715	555	3,270	13.8	1,958	697	2,655	11.2	7,090	2,958	10,048	42.4	
2000-01	12,959	10,759	23,719	2,319	1,802	4,122	17.4	2,723	583	3,306	13.9	1,902	711	2,613	11.0	6,944	3,096	10,041	42.3	
2001-02	13,271	11,274	24,545	2,370	1,924	4,294	17.5	2,952	656	3,608	14.7	1,897	738	2,635	10.7	7,219	3,318	10,537	42.9	
2002-03	14,388	12,095	26,483	2,488	2,062	4,550	17.2	3,544	830	4,374	16.5	2,004	816	2,820	10.6	8,036	3,708	11,744	44.3	
2003-04	16,214	13,535	29,749	2,609	2,264	4,873	16.4	4,419	1,050	5,469	18.4	2,305	964	3,269	11.0	9,333	4,278	13,611	45.8	
Avg. Growth																				
92-03	2.0%	7.1%	4.0%	1.8%	7.9%	4.2%	-	3.3%	11.5%	4.5%	-	-0.7%	6.0%	0.9%	-	1.8%	8.2%	3.4%	-	

1. Only includes data for major fields reported by Statistics Canada. Other NSE fields supported by NSERC are not reported. Numbers do not add up due to rounding.

Source: Statistics Canada

Table 47

Degrees<sup>1</sup> Granted in the Natural Sciences and Engineering<sup>2</sup> 1992 - 2003

## Bachelor's and First Professional Degree:

Year	ALL FIELDS			Life Sci.			% of	Eng. and Computer Sci.			% of	Math. and Physical Sci.			% of	NSE TOTAL			% of
	Male	Female	Total	Male	Female	Total		Male	Female	Total		Male	Female	Total		Male	Female	Total	
1992	51,959	68,786	120,745	3,496	3,646	7,142	5.9	8,163	1,530	9,693	8.0	2,662	1,450	4,112	3.4	14,321	6,626	20,947	17.3
1993	52,728	70,474	123,202	3,542	3,806	7,348	6.0	8,319	1,538	9,857	8.0	2,664	1,519	4,183	3.4	14,525	6,863	21,388	17.4
1994	53,483	73,055	126,538	3,773	4,269	8,042	6.4	8,581	1,845	10,426	8.2	2,673	1,557	4,230	3.3	15,027	7,671	22,698	17.9
1995	53,551	73,780	127,331	3,835	4,737	8,572	6.7	8,987	2,197	11,184	8.8	2,652	1,537	4,189	3.3	15,474	8,471	23,945	18.8
1996	53,043	74,943	127,986	4,381	5,275	9,656	7.5	9,187	2,255	11,442	8.9	2,390	1,608	3,998	3.1	15,958	9,138	25,096	19.6
1997	51,782	74,012	125,794	4,491	5,691	10,182	8.1	8,922	2,213	11,135	8.9	2,393	1,652	4,045	3.2	15,806	9,556	25,362	20.2
1998	51,268	73,593	124,861	4,515	6,085	10,600	8.5	9,129	2,291	11,420	9.1	2,434	1,601	4,035	3.2	16,078	9,977	26,055	20.9
1999	51,365	75,071	126,436	4,475	6,480	10,955	8.7	9,538	2,359	11,897	9.4	2,236	1,635	3,871	3.1	16,249	10,474	26,723	21.1
2000	52,056	76,512	128,568	4,496	6,502	10,998	8.6	10,400	3,017	13,417	10.4	2,201	1,606	3,807	3.0	17,097	11,125	28,222	22.0
2001	51,388	77,848	129,241	4,093	6,642	10,735	8.3	11,072	3,078	14,150	10.9	2,029	1,615	3,644	2.8	17,194	11,335	28,529	22.1
2002	52,252	81,783	134,039	3,830	6,404	10,234	7.6	11,708	3,399	15,108	11.3	2,011	1,546	3,557	2.7	17,549	11,349	28,898	21.6
2003	56,066	87,906	143,977	3,703	6,681	10,385	7.2	13,085	3,944	17,031	11.8	2,085	1,619	3,704	2.6	18,873	12,244	31,117	21.6
Avg. Growth																			
92-03	0.8%	2.8%	2.0%	0.6%	7.0%	4.2%	-	5.4%	11.1%	6.5%	-	-2.7%	1.2%	-1.2%	-	3.1%	7.1%	4.5%	-

## Master's:

Year	ALL FIELDS			Life Sci.			% of	Eng. and Computer Sci.			% of	Math. and Physical Sci.			% of	NSE TOTAL			% of
	Male	Female	Total	Male	Female	Total		Male	Female	Total		Male	Female	Total		Male	Female	Total	
1992	10,140	9,295	19,435	743	661	1,404	7.2	1,812	316	2,128	10.9	717	256	973	5.0	3,272	1,233	4,505	23.2
1993	10,699	10,119	20,818	829	730	1,559	7.5	1,951	363	2,314	11.1	644	266	910	4.4	3,424	1,359	4,783	23.0
1994	10,901	10,391	21,292	831	714	1,545	7.3	2,035	459	2,494	11.7	617	263	880	4.1	3,483	1,436	4,919	23.1
1995	10,595	10,761	21,356	839	748	1,587	7.4	1,953	466	2,419	11.3	673	278	951	4.5	3,465	1,492	4,957	23.2
1996	10,578	10,980	21,558	795	794	1,589	7.4	1,924	493	2,417	11.2	641	339	980	4.5	3,360	1,626	4,986	23.1
1997	10,461	10,858	21,319	802	828	1,630	7.6	1,848	503	2,351	11.0	636	304	940	4.4	3,286	1,635	4,921	23.1
1998	10,514	11,512	22,026	759	885	1,644	7.5	1,855	570	2,425	11.0	567	361	928	4.2	3,181	1,816	4,997	22.7
1999	11,218	12,054	23,272	833	987	1,820	7.8	1,938	574	2,512	10.8	593	318	911	3.9	3,364	1,879	5,243	22.5
2000	11,390	12,838	24,228	888	1,032	1,920	7.9	1,892	661	2,553	10.5	591	362	953	3.9	3,371	2,055	5,426	22.4
2001	11,878	13,025	24,905	897	1,084	1,981	8.0	2,103	730	2,833	11.4	575	365	940	3.8	3,575	2,179	5,754	23.1
2002	12,489	13,836	26,325	838	1,176	2,014	7.7	2,433	776	3,209	12.2	611	402	1,013	3.8	3,882	2,354	6,236	23.7
2003	13,898	15,120	29,018	921	1,266	2,187	7.5	2,940	988	3,928	13.5	680	430	1,110	3.8	4,541	2,684	7,225	24.9
Avg. Growth																			
92-03	3.6%	5.5%	4.5%	2.4%	7.5%	5.0%	-	5.5%	13.5%	7.0%	-	-0.6%	5.9%	1.5%	-	3.7%	9.0%	5.4%	-

## Doctoral:

Year	ALL FIELDS			Life Sci.			% of	Eng. and Computer Sci.			% of	Math. and Physical Sci.			% of	NSE TOTAL			% of
	Male	Female	Total	Male	Female	Total		Male	Female	Total		Male	Female	Total		Male	Female	Total	
1992	2,136	1,000	3,136	387	182	569	18.1	469	62	531	16.9	445	86	531	16.9	1,301	330	1,631	52.0
1993	2,265	1,091	3,356	437	202	639	19.0	533	51	584	17.4	460	88	548	16.3	1,430	341	1,771	52.8
1994	2,453	1,099	3,552	484	206	690	19.4	607	52	659	18.6	479	110	589	16.6	1,570	368	1,938	54.6
1995	2,551	1,165	3,716	440	230	670	18.0	665	69	734	19.8	469	102	571	15.4	1,574	401	1,975	53.1
1996	2,593	1,335	3,928	454	259	713	18.2	642	74	716	18.2	504	125	629	16.0	1,600	458	2,058	52.4
1997	2,543	1,423	3,966	492	267	759	19.1	659	69	728	18.4	502	111	613	15.5	1,653	447	2,100	53.0
1998	2,540	1,436	3,976	474	253	727	18.3	635	81	716	18.0	480	138	618	15.5	1,589	472	2,061	51.8
1999	2,409	1,557	3,966	442	281	723	18.2	532	84	616	15.5	408	111	519	13.1	1,382	476	1,858	46.8
2000	2,276	1,584	3,860	459	298	757	19.6	547	93	640	16.6	373	117	490	12.7	1,379	508	1,887	48.9
2001	2,124	1,585	3,709	440	275	715	19.3	449	81	530	14.3	372	132	504	13.6	1,261	488	1,749	47.2
2002	2,127	1,604	3,731	459	305	764	20.5	494	101	595	15.9	356	130	486	13.0	1,309	536	1,845	49.5
2003	2,244	1,617	3,861	457	319	776	20.1	520	98	618	16.0	372	102	474	12.3	1,349	519	1,868	48.4
Avg. Growth																			
92-03	0.5%	5.5%	2.3%	1.9%	6.4%	3.5%	-	1.2%	5.2%	1.7%	-	-2.0%	1.9%	-1.3%	-	0.4%	5.2%	1.5%	-

1. Degrees granted to full-time and part-time students. Numbers do not add up due to rounding.

2. Only includes data for major fields reported by Statistics Canada. Other NSE fields supported by NSERC are reported under "ALL FIELDS."

Source: Statistics Canada

Table 48

## Faculty (Full-Time) in the Natural Sciences and Engineering 1992-93 - 2003-04

Academic Year	ALL FIELDS			Agr. and Biological Sci.			% of Total	Eng. and Applied Sci.			% of Total	Math. and Physical Sci.			% of Total	NSE TOTAL			% of Total
	Male	Female	Total	Male	Female	Total		Male	Female	Total		Male	Female	Total		Male	Female	Total	
1992-93	29,323	7,943	37,266	2,215	517	2,732	7.3	2,798	140	2,938	7.9	4,534	383	4,917	13.2	9,547	1,040	10,587	28.4
1993-94	28,829	8,082	36,911	2,169	522	2,691	7.3	2,812	149	2,961	8.0	4,455	391	4,846	13.1	9,436	1,062	10,498	28.4
1994-95	28,134	8,270	36,404	2,123	553	2,676	7.4	2,785	160	2,945	8.1	4,389	409	4,798	13.2	9,297	1,122	10,419	28.6
1995-96	27,519	8,488	36,007	2,097	559	2,656	7.4	2,692	184	2,876	8.0	4,246	429	4,675	13.0	9,035	1,172	10,207	28.3
1996-97	26,172	8,441	34,613	2,033	548	2,581	7.5	2,550	192	2,742	7.9	4,034	427	4,461	12.9	8,617	1,167	9,784	28.3
1997-98	25,137	8,565	33,702	1,941	550	2,491	7.4	2,471	205	2,676	7.9	3,916	443	4,359	12.9	8,328	1,198	9,526	28.3
1998-99	24,861	8,804	33,665	1,944	561	2,505	7.4	2,472	219	2,691	8.0	3,839	452	4,291	12.7	8,255	1,232	9,487	28.2
1999-00	24,646	9,155	33,801	1,943	574	2,517	7.4	2,537	239	2,776	8.2	3,857	478	4,335	12.8	8,337	1,291	9,628	28.5
2000-01	24,728	9,630	34,358	2,027	623	2,650	7.7	2,596	244	2,840	8.3	3,930	552	4,482	13.0	8,553	1,419	9,972	29.0
2001-02	24,929	10,184	35,113	1,960	645	2,605	7.4	2,713	274	2,987	8.5	4,030	596	4,626	13.2	8,703	1,515	10,218	29.1
2002-03	25,272	10,782	36,054	1,995	699	2,694	7.5	2,841	312	3,153	8.7	4,080	624	4,704	13.0	8,916	1,635	10,551	29.3
2003-04	25,704	11,499	37,203	2,022	723	2,745	7.4	2,931	345	3,276	8.8	4,203	681	4,884	13.1	9,156	1,749	10,905	29.3
Avg. Growth																			
92-03	-1.5%	4.2%	0.0%	-1.0%	3.8%	0.1%	-	0.5%	10.5%	1.2%	-	-0.8%	6.6%	-0.1%	-	-0.5%	5.9%	0.3%	-

1. Only includes data for major fields reported by Statistics Canada. Other NSE fields supported by NSERC are reported under "ALL FIELDS."

Source: Statistics Canada

**Table 49****NSERC Student and Fellowship Support 2007-08**

	<u>Direct Support</u>		<u>Indirect Support<sup>1</sup></u>		<u>Total Support</u>	
	<u>No.</u>	<u>(\$ 000's)</u>	<u>No.</u>	<u>(\$ 000's)</u>	<u>No.</u>	<u>(\$ 000's)</u>
<b>Student Support:</b>						
Undergraduate Students	4,190	19,035	5,312	26,653	9,502	45,688
Postgraduate Students	4,628	93,583	10,031	180,026	14,659	273,609
	-----	-----	-----	-----	-----	-----
<b>Subtotal</b>	<b>8,818</b>	<b>112,618</b>	<b>15,343</b>	<b>206,679</b>	<b>24,161</b>	<b>319,297</b>
<b>Fellowship Support:</b>						
Postdoctoral Fellows	496	15,197	1,657	66,280	2,153	81,477
Industrial R&D Fellowships	187	3,662	--	--	187	3,662
	-----	-----	-----	-----	-----	-----
<b>Subtotal</b>	<b>683</b>	<b>18,859</b>	<b>1,657</b>	<b>66,280</b>	<b>2,340</b>	<b>85,139</b>
<b>Total</b>	<b>9,501</b>	<b>131,477</b>	<b>17,000</b>	<b>272,959</b>	<b>26,501</b>	<b>404,436</b>

1. Students supported through grants. Full-time equivalent number, estimate for 2007-08 based on 2006-07 grant expenditures.

**Table 50**

**Discipline Funding by Program<sup>1</sup> 2007-08**  
(millions of dollars)

	Discovery Grants <sup>2</sup>		RTP <sup>2</sup>		MRS & SRO <sup>2</sup>		Strategic Projects/Networks		University-Ind/University-Gov't		Other <sup>3</sup>		Scholarships & Fellowships		Total	
	(\$)	(%)	(\$)	(%)	(\$)	(%)	(\$)	(%)	(\$)	(%)	(\$)	(%)	(\$)	(%)	(\$)	(%)
Life Sciences	100.6	29.1	9.8	24.0	4.6	10.1	24.9	29.7	14.5	15.3	1.8	17.5	46.7	34.5	202.9	26.8
Physical Sciences	80.1	23.2	12.9	31.5	30.1	65.8	9.4	11.3	10.7	11.3	1.8	17.2	26.8	19.8	171.8	22.7
Engineering	82.1	23.8	13.3	32.6	2.7	5.9	38.4	45.9	55.1	58.1	0.3	3.0	35.8	26.4	227.6	30.1
Earth Sciences	32.6	9.4	2.9	7.1	7.0	15.3	4.3	5.1	5.9	6.2	0.8	7.5	7.1	5.2	60.5	8.0
Computer Science	26.3	7.6	1.1	2.8	0.4	0.8	5.6	6.7	4.3	4.6	0.2	1.6	9.9	7.3	47.8	6.3
Mathematics	20.2	5.8	0.2	0.6	0.6	1.3	0.1	0.1	0.5	0.5	0.2	1.8	9.1	6.7	30.9	4.1
Interdisc./Other	3.6	1.0	0.6	1.4	0.4	0.8	1.0	1.2	3.8	4.0	5.4	51.3	0.2	0.1	14.8	2.0
<b>Total</b>	<b>345.5</b>	<b>100</b>	<b>40.8</b>	<b>100</b>	<b>45.7</b>	<b>100</b>	<b>83.6</b>	<b>100</b>	<b>94.7</b>	<b>100</b>	<b>10.4</b>	<b>100</b>	<b>135.5</b>	<b>100</b>	<b>756.3</b>	<b>100</b>

1. Excludes Networks Centres of Excellence, Canada Research Chairs and Perimeter Institute.

2. Includes Subatomic Physics and International Polar Year.

3. Includes General Support and Northern Research Chairs.

**Table 51****Number of Awards Held by Females, Various Programs**

Fiscal Year	Undergraduate Awards (USRA)		Postgraduate Scholarships <sup>2</sup>		Postdoctoral Fellowships		Discovery Grants <sup>3</sup>	
	(No.)	(%) <sup>1</sup>	(No.)	(%) <sup>1</sup>	(No.)	(%) <sup>1</sup>	(No.)	(%) <sup>1</sup>
1998-99	267	43.6%	1,378	39.3%	124	25.9%	817	11.4%
1999-00	1,298	44.7%	1,286	40.5%	124	25.8%	888	12.3%
2000-01	1,412	46.6%	1,220	40.5%	121	26.1%	1,082	13.4%
2001-02	1,396	45.1%	1,277	42.0%	116	27.8%	1,066	14.0%
2002-03	1,537	45.8%	1,433	43.4%	116	27.4%	1,149	14.3%
2003-04	1,840	45.1%	1,820	43.5%	156	30.1%	1,238	14.7%
2004-05	1,892	45.1%	1,661	43.8%	140	28.9%	1,269	15.0%
2005-06	1,870	45.0%	1,691	42.8%	145	27.8%	1,467	15.6%
2006-07	1,796	44.1%	1,668	41.0%	130	27.9%	1,566	16.1%
2007-08	1,809	44.3%	1,820	40.8%	139	28.6%	1,691	16.9%

1. Percentage of awards to females, excludes unknown sex (typically less than 5%).

2. Includes Postgraduate Scholarships, Industrial Postgraduate Scholarships and Canada Graduate Scholarships.

3. Includes Individual and Individual Subatomic Physics Discovery Grants.

**Table 52****Success Rates<sup>1</sup> by Sex, Various Programs**

Competition Year	Postgraduate Scholarships <sup>2</sup>		Postdoctoral Fellowships		Discovery Grants <sup>3</sup>		Strategic Projects <sup>4</sup>	
	Females	Males	Females	Males	Females	Males	Females	Males
1998	75.9%	74.3%	31.0%	32.1%	60.7%	71.1%	41.7%	37.8%
1999	72.3%	71.9%	29.0%	33.8%	56.6%	70.6%	52.2%	34.9%
2000	66.8%	69.6%	27.2%	36.1%	67.2%	71.0%	50.0%	45.1%
2001	65.0%	64.6%	36.0%	37.9%	70.7%	76.3%	42.9%	30.1%
2002	72.1%	68.6%	29.7%	38.0%	74.4%	79.7%	26.7%	35.4%
2003	61.7%	58.8%	32.9%	31.6%	72.3%	76.0%	15.4%	26.9%
2004	71.8%	69.7%	24.9%	30.7%	68.3%	69.2%	33.3%	26.9%
2005	74.0%	70.3%	27.7%	30.2%	67.2%	67.9%	14.5%	25.1%
2006	63.6%	62.5%	23.4%	26.5%	61.9%	66.9%	29.3%	31.5%
2007	68.5%	69.1%	22.2%	24.1%	63.8%	58.1%	44.2%	49.3%
2008	71.0%	69.8%	22.5%	21.1%	59.0%	64.0%	-	-

1. Number of awards divided by the number of applications

2. Includes Postgraduate Scholarships and Canada Graduate Scholarships.

3. Includes only new applicants for Individual Discovery Grants, and Individual Subatomic Physics Discovery Grants were included since 2005.

4. Includes only principal investigators.

Table 53

Discovery Grants<sup>1</sup> Awarded by Grant Selection Committee

Expenditures (millions of dollars):

Grant Selection Committee	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09 <sup>p</sup>
Integrative Animal Biology	6.6	6.7	7.1	6.7	10.0	12.1	13.5	17.2	19.3	19.9	20.3
Animal Physiology	7.0	7.6	7.8	7.5	5.5	3.8	2.2	1.0	0.1	0.0	0.0
Cell Biology	9.8	10.3	11.3	11.2	12.6	13.2	12.8	14.2	14.5	15.3	16.8
Molecular & Developmental Genetics	7.5	7.9	8.9	8.8	9.9	10.2	10.3	11.6	12.4	12.6	12.7
Plant Biology and Food Science	10.7	11.2	12.2	11.9	12.8	12.5	12.6	14.0	14.2	14.2	13.8
Evolution and Ecology	13.3	14.2	15.5	15.4	16.3	16.8	16.5	17.5	18.3	18.5	18.9
Psychology	10.0	10.5	11.4	10.9	12.2	12.7	12.3	13.0	13.3	13.8	14.0
Inorganic/Organic Chemistry	13.6	14.4	14.8	14.7	15.7	16.6	17.2	18.3	18.3	18.0	19.0
Analytical/Physical Chemistry	12.4	13.2	14.1	13.5	13.9	15.3	16.1	17.1	17.8	17.7	18.4
General Physics	4.0	5.0	5.3	5.2	5.5	4.9	5.5	5.9	6.1	6.1	6.0
Condensed Matter Physics	6.9	7.5	8.2	8.0	8.4	8.7	9.1	10.3	10.7	11.0	11.0
Subatomic Physics	12.5	12.6	14.8	14.6	16.5	16.9	17.9	17.2	17.7	18.4	16.9
Space & Astronomy	5.3	6.7	6.8	6.6	6.8	7.6	7.6	8.0	8.2	7.1	7.3
Chemical & Metallurgical Eng.	13.9	14.7	16.0	15.9	17.4	18.0	18.0	19.1	18.9	18.6	18.7
Civil Engineering	12.3	12.7	12.9	12.6	13.5	13.7	13.1	14.0	14.1	14.1	14.2
Communications, Computers & Comp.	7.5	8.1	9.7	9.5	10.5	11.9	12.5	13.8	14.2	14.2	14.4
Electromagnetic & Electrical Eng.	7.1	7.7	8.4	8.5	9.4	9.8	10.0	11.1	11.1	11.3	11.4
Mechanical Engineering	12.6	13.2	13.6	13.2	14.1	14.6	14.8	15.8	16.4	16.8	17.1
Industrial Engineering	5.1	5.2	5.6	5.4	5.6	6.0	6.0	6.7	6.5	6.4	6.3
Solid Earth Sciences	9.4	10.0	10.4	10.4	11.4	11.2	11.4	11.6	11.7	11.8	11.6
Environmental Earth Sciences	8.7	8.9	9.1	8.9	9.7	10.1	9.7	10.4	10.6	11.1	11.1
Computing & Information Sciences	14.3	15.4	18.0	17.6	19.6	21.7	22.5	24.9	25.9	25.9	26.6
Pure & Applied Mathematics	8.2	9.0	9.5	9.3	10.3	13.5	13.2	14.2	14.1	14.2	11.6
Statistical Sciences	3.7	5.0	5.2	5.2	5.6	4.7	5.1	5.6	5.7	5.7	5.8
Interdisciplinary	1.7	2.0	2.5	2.4	2.6	3.1	3.1	3.4	3.5	3.6	3.6
Ship Time Allocations Committee	-	-	-	-	-	0.9	0.9	0.9	1.0	0.9	1.0
Accelerator Grant for Exceptional New Opportunities	-	-	-	-	-	0.8	1.5	1.5	1.5	0.6	0.0
Discovery Accelerator Supplements	-	-	-	-	-	-	-	-	-	2.6	3.1
Leadership Support Initiative (LSI)	-	-	-	-	-	0.3	0.3	0.3	0.3	-	-
Northern Research Supplement	-	-	-	-	-	-	0.5	0.6	0.7	1.6	1.7
E.W.R. Steacie Fellowship Selection Committee	-	-	-	-	-	-	-	0.5	1.3	1.6	1.7
<b>TOTAL</b>	<b>224.1</b>	<b>239.8</b>	<b>259.2</b>	<b>253.7</b>	<b>275.6</b>	<b>291.5</b>	<b>296.3</b>	<b>319.7</b>	<b>328.3</b>	<b>333.4</b>	<b>334.7</b>

## Number of Grants:

Grant Selection Committee	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09 <sup>p</sup>
Integrative Animal Biology	228	218	228	206	274	326	359	457	519	553	567
Animal Physiology	192	202	206	192	142	93	48	25	3	1	-
Cell Biology	278	279	318	308	332	348	326	368	378	413	455
Molecular & Developmental Genetics	185	193	223	215	237	248	253	294	306	322	328
Plant Biology and Food Science	293	298	318	305	320	324	315	356	359	363	354
Evolution and Ecology	427	439	502	491	514	535	526	584	617	638	656
Psychology	359	366	422	397	432	445	426	468	486	510	532
Inorganic/Organic Chemistry	274	274	290	272	275	292	314	336	347	345	361
Analytical/Physical Chemistry	295	294	312	294	283	312	331	353	372	376	395
General Physics	121	126	137	130	136	141	155	167	180	185	179
Condensed Matter Physics	208	209	244	236	237	227	228	266	274	274	278
Subatomic Physics	113	135	130	130	131	139	143	159	157	163	169
Space & Astronomy	152	161	176	161	170	173	173	184	191	190	200
Chemical & Metallurgical Eng.	451	468	517	496	534	560	553	609	613	618	625
Civil Engineering	496	489	513	492	521	538	518	552	558	556	554
Communications, Computers & Comp.	312	323	385	349	369	418	455	498	517	535	540
Electromagnetic & Electrical Eng.	270	277	305	278	277	286	283	329	337	359	367
Mechanical Engineering	510	512	557	523	549	576	572	619	642	670	683
Industrial Engineering	232	227	256	235	245	256	248	281	275	270	264
Solid Earth Sciences	281	283	306	303	330	326	333	343	352	356	350
Environmental Earth Sciences	335	328	332	310	334	352	338	383	406	429	429
Computing & Information Sciences	545	562	723	689	753	828	848	966	1,017	1,013	1,035
Pure & Applied Mathematics	519	510	560	525	568	604	590	661	664	673	684
Statistical Sciences	246	243	261	259	276	273	281	305	320	312	327
Interdisciplinary	68	79	98	90	94	106	106	118	119	127	130
Ship Time Allocations Committee	-	-	-	-	-	14	13	15	12	12	10
Accelerator Grant for Exceptional New Opportunities	-	-	-	-	-	15	15	15	15	12	-
Discovery Accelerator Supplements	-	-	-	-	-	-	-	-	-	69	79
Leadership Support Initiative	-	-	-	-	-	7	7	7	7	-	-
Northern Research Supplement	-	-	-	-	-	-	54	62	69	86	89
E.W.R. Steacie Fellowship Selection Committee	-	-	-	-	-	-	-	5	11	14	13
<b>TOTAL</b>	<b>7,390</b>	<b>7,495</b>	<b>8,319</b>	<b>7,886</b>	<b>8,333</b>	<b>8,762</b>	<b>8,811</b>	<b>9,785</b>	<b>10,123</b>	<b>10,444</b>	<b>10,653</b>

1. Includes all Discovery Grants and Subatomic Physics Discovery Grants.

2. Committee no longer active.

p. Preliminary

Table 54

**Discovery Grants<sup>1</sup> Awarded by Primary Area of Application**  
*Expenditures (millions of dollars):*

Application <sup>2</sup>	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09 <sup>p</sup>
Agriculture and Primary Food Production	10.0	9.7	8.8	8.1	9.1	9.7	9.6	10.6	10.6	10.3	10.3
Natural Resources (Economic Aspects)	5.7	5.3	6.4	6.5	7.2	7.4	6.8	6.8	6.0	6.1	5.9
Energy Resources (Including Production, Exploration, Processing, distribution and use)	7.9	8.5	8.9	8.7	9.5	9.4	9.8	10.2	10.6	10.8	11.8
Environment	21.0	22.1	22.2	22.1	24.0	23.8	24.2	25.0	26.1	26.7	28.0
Manufacturing Processes and Products	32.9	30.6	28.0	27.1	28.9	30.2	31.1	34.5	34.9	35.4	36.3
Construction, Urban and Rural Planning	5.6	5.7	5.5	5.4	6.1	6.0	5.6	5.8	5.7	5.7	5.5
Transportation Systems and Services	2.9	3.0	3.1	3.3	3.5	3.6	4.3	5.0	5.5	6.0	6.3
Information and Communication Services	16.8	20.3	26.0	26.2	29.0	32.1	33.6	36.6	37.3	36.9	37.4
Commercial Services	1.7	1.4	1.3	1.1	1.2	1.4	1.2	1.3	1.4	1.3	1.4
Northern Development	0.5	0.5	0.4	0.3	0.5	1.5	2.2	2.9	3.2	3.7	3.7
Health, Education And Social Services	10.5	13.6	16.4	18.2	21.4	22.5	23.6	27.3	29.4	31.1	32.5
Advancement of knowledge	7.6	8.3	11.9	12.9	14.7	16.4	24.6	30.3	34.8	42.4	48.0
- Life sciences (including biotechnology)	28.2	30.6	34.7	34.0	37.1	38.4	36.2	37.4	37.2	35.2	34.3
- Physical sciences	32.0	32.1	35.5	34.9	38.3	40.0	35.8	35.6	32.5	29.7	25.3
- Earth sciences	4.7	5.8	7.2	7.3	8.1	8.7	9.3	9.9	10.5	11.2	10.7
- Space and astronomy	2.3	4.0	4.4	4.6	4.8	5.7	5.3	5.7	5.6	4.3	3.9
- Mathematical sciences	9.3	10.3	11.0	10.6	11.5	13.4	13.1	13.6	13.5	13.1	11.3
- Engineering	4.4	5.6	6.8	7.2	8.3	10.0	10.1	10.2	9.9	9.7	9.3
Not Reported	20.3	22.3	21.0	15.3	12.6	11.4	9.9	11.1	13.7	13.9	12.8
<b>TOTAL</b>	<b>224.1</b>	<b>239.8</b>	<b>259.2</b>	<b>253.7</b>	<b>275.6</b>	<b>291.5</b>	<b>296.3</b>	<b>319.7</b>	<b>328.3</b>	<b>333.4</b>	<b>334.7</b>

**Number of Grants:**

Application <sup>2</sup>	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09 <sup>p</sup>
Agriculture and Primary Food Production	316	291	269	243	268	277	264	303	298	294	289
Natural Resources (Economic Aspects)	200	188	231	225	245	253	231	236	218	215	206
Energy Resources (Including Production, Exploration, Processing, distribution and use)	268	277	307	288	303	311	310	332	343	360	391
Environment	745	744	767	747	801	796	809	874	915	933	976
Manufacturing Processes and Products	1,125	1,007	939	872	897	917	909	1,030	1,041	1,091	1,112
Construction, Urban and Rural Planning	223	216	215	207	223	228	219	226	226	223	211
Transportation Systems and Services	121	117	123	125	132	136	166	189	208	228	245
Information and Communication Services	674	757	1,018	973	1,053	1,164	1,200	1,343	1,385	1,383	1,391
Commercial Services	66	54	52	44	46	55	46	50	52	50	50
Northern Development	21	17	16	12	16	54	82	104	120	139	143
Health, Education And Social Services	381	438	580	630	712	770	791	934	1,016	1,090	1,152
Advancement of knowledge	173	221	347	367	401	443	558	758	948	1,136	1,294
- Life sciences (including biotechnology)	773	819	951	919	970	997	933	979	980	965	943
- Physical sciences	657	654	701	670	675	693	667	669	622	573	531
- Earth sciences	148	177	227	222	248	263	286	315	336	362	351
- Space and astronomy	67	90	100	103	107	116	108	117	115	109	102
- Mathematical sciences	536	527	570	539	586	624	601	641	636	623	620
- Engineering	174	213	274	267	303	378	384	395	391	390	376
Not Reported	722	688	632	433	347	287	247	290	273	280	270
<b>TOTAL</b>	<b>7,390</b>	<b>7,495</b>	<b>8,319</b>	<b>7,886</b>	<b>8,333</b>	<b>8,762</b>	<b>8,811</b>	<b>9,785</b>	<b>10,123</b>	<b>10,444</b>	<b>10,653</b>

p. Preliminary

1. Includes all Discovery Grants and Subatomic Physics Discovery Grants.

2. New area of applications effective in 1997-98, and data for previous 9 years have been converted.

Table 55

**Research Tools and Instruments Grants<sup>1</sup> Awarded by Grant Selection Committee**  
**Expenditures (millions of dollars):**

Grant Selection Committee	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
Integrative Animal Biology	0.8	1.2	0.9	1.1	0.7	1.1	2.7	2.3	3.1	2.4
Animal Physiology	1.0	1.6	1.1	-	-	-	-	-	-	-
Cell Biology	1.0	1.3	1.3	1.1	0.7	0.8	2.0	1.2	1.6	1.9
Molecular & Developmental Genetics	0.9	1.0	0.9	0.5	0.3	0.5	1.0	0.9	1.7	1.5
Plant Biology & Food Science	1.6	1.9	1.9	1.3	0.6	1.2	2.1	2.1	2.3	1.6
Evolution and Ecology	1.5	1.8	1.4	1.0	0.4	1.1	1.7	1.3	1.8	1.5
Sub-committee for Equipment in Life Sciences	1.2	1.2	0.1	-	-	-	-	-	-	-
Psychology: Brain, Behaviour & Cognitive Science	0.8	0.9	0.9	0.5	0.4	0.5	0.9	1.0	1.2	0.8
Inorganic/Organic Chemistry	6.2	5.9	2.4	2.7	0.7	2.8	4.4	3.8	4.7	3.8
Analytical/Physical Chemistry	3.2	3.5	3.1	1.8	0.4	2.5	3.0	3.2	4.5	2.6
General Physics	0.7	1.1	0.6	0.4	0.1	0.6	0.7	1.2	1.6	0.7
Condensed Matter Physics	1.7	2.5	2.2	0.8	0.3	1.5	2.0	2.4	2.0	1.9
Subatomic Physics	3.1	4.3	4.0	2.4	3.1	2.9	3.5	4.4	3.8	3.7
Space & Astronomy	0.4	0.4	0.2	0.2	0.1	0.2	0.1	0.2	0.1	0.2
Chemical & Metallurgical Eng.	4.0	4.3	3.4	2.6	1.1	3.3	5.0	4.2	5.9	4.9
Civil Engineering	2.0	2.0	2.1	1.1	0.6	1.2	2.9	2.6	2.6	2.3
Communications, Computers & Comp.	1.1	1.1	0.8	0.3	0.2	1.2	1.8	1.7	1.7	1.5
Electromagnetic & Electrical Eng.	0.9	0.7	0.9	0.5	0.3	0.6	1.3	1.1	1.9	1.1
Mechanical Engineering	1.9	2.3	1.7	1.0	0.7	1.7	3.5	3.3	4.2	3.3
Industrial Engineering	0.3	0.3	0.3	0.1	0.1	0.2	0.3	0.2	0.4	0.2
Solid Earth Sciences	1.2	1.4	1.0	0.5	0.1	0.8	0.8	1.1	1.1	1.1
Environmental Earth Sciences	1.6	1.8	1.4	1.0	0.7	1.0	1.6	1.3	2.6	1.8
Computing & Information Sciences	1.3	1.7	1.0	0.9	0.7	1.0	1.8	1.3	1.5	1.1
Pure & Applied Mathematics	0.5	0.4	0.3	0.1	0.1	0.0	0.2	0.1	0.1	0.1
Statistical Sciences	0.4	0.4	0.3	0.2	0.1	0.2	0.3	0.2	0.3	0.1
Interdisciplinary	0.5	0.3	0.3	0.2	0.2	0.2	0.5	0.7	0.4	0.3
Committee on Research Grants	11.2	5.3	5.4	5.2	2.4	-	-	-	-	-
E.W.R. Steacie Fellowship	-	-	-	-	-	-	-	-	-	0.5
<b>TOTAL</b>	<b>51.1</b>	<b>50.6</b>	<b>40.1</b>	<b>27.6</b>	<b>15.3</b>	<b>27.4</b>	<b>44.1</b>	<b>41.5</b>	<b>50.8</b>	<b>40.8</b>

**Number of Grants:**

Grant Selection Committee	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
Integrative Animal Biology	18	23	14	33	14	31	53	51	63	42
Animal Physiology	38	44	30	-	-	-	-	-	-	-
Cell Biology	35	48	37	32	14	21	43	27	33	34
Molecular & Developmental Genetics	31	30	24	19	7	20	20	24	37	23
Plant Biology & Food Science	61	51	50	32	19	36	39	46	54	33
Evolution and Ecology	53	59	46	34	11	37	54	35	47	45
Sub-committee for Equipment in Life Sciences	8	6	1	-	-	-	-	-	-	-
Psychology: Brain, Behaviour & Cognitive Science	36	39	37	14	11	19	33	30	25	21
Inorganic/Organic Chemistry	64	63	33	34	9	31	58	45	61	50
Analytical/Physical Chemistry	41	46	34	18	6	27	36	38	55	32
General Physics	14	15	7	4	3	9	10	13	18	8
Condensed Matter Physics	32	34	27	8	5	11	26	29	28	26
Subatomic Physics	26	14	7	10	23	7	13	17	9	9
Space & Astronomy	10	12	7	5	2	5	3	4	2	6
Chemical & Metallurgical Eng.	60	68	45	35	17	38	57	48	67	54
Civil Engineering	48	44	46	23	12	22	41	42	34	41
Communications, Computers & Comp.	18	18	13	7	5	15	24	24	21	17
Electromagnetic & Electrical Eng.	26	17	19	14	6	17	26	17	30	18
Mechanical Engineering	60	49	44	20	11	29	60	50	60	49
Industrial Engineering	9	9	7	4	2	6	7	3	6	2
Solid Earth Sciences	23	31	27	10	4	14	19	19	20	12
Environmental Earth Sciences	39	39	29	21	13	31	35	22	44	38
Computing & Information Sciences	38	38	28	18	15	24	37	27	27	21
Pure & Applied Mathematics	24	10	8	8	3	1	4	1	3	2
Statistical Sciences	14	9	6	6	3	7	9	3	6	1
Interdisciplinary	13	6	8	5	4	5	11	11	7	6
Committee on Research Grants	28	15	15	22	10	-	-	-	-	-
E.W.R. Steacie Fellowship	-	-	-	-	-	-	-	-	-	4
<b>TOTAL</b>	<b>867</b>	<b>837</b>	<b>649</b>	<b>436</b>	<b>229</b>	<b>463</b>	<b>718</b>	<b>626</b>	<b>757</b>	<b>594</b>

1. Category 1 (\$7,000 - \$150,000), Category 2 (\$150,000 - \$325,000), Category 3 (>\$325,000), and Subatomic Physics Research Tools and Instruments Grants.

**Table 56****Number of Industrial Research Chairs 2007-08**

Chair	Associate Chair	Associate (L) Chair	Executive Chair	Senior Chairholder	Total
<u>Ongoing:</u>					
Chairs for Women in Science and Engineering	0	0	0	5	5
Chairs in Design Engineering	0	1	0	10	11
Chairs in the Management of Technological Change	0	0	0	1	1
Fuel Cell Technology Program	0	0	0	1	1
Industrial Research Chairs	15	22	5	98	140
Other Government Chairs Research Partnership	0	0	0	0	0
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Subtotal	15	23	5	115	158
<u>Completed:</u>					
Chairs for Women in Science and Engineering	0	0	0	5	5
Chairs in Design Engineering	0	1	0	6	7
Chairs in the Management of Technological Change	0	6	0	16	22
Fuel Cell Technology Program	0	1	0	2	3
Industrial Research Chairs	1	58	2	171	232
Other Government Chairs Research Partnership	0	4	0	3	7
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Subtotal	1	70	2	203	276
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TOTAL	16	93	7	318	434

Table 57

## Scholarships and Fellowships Programs - Scholarship and Salary Support Levels

<b>Current Dollars:</b>	<b>1998-99</b>	<b>1999-00</b>	<b>2000-01</b>	<b>2001-02</b>	<b>2002-03</b>	<b>2003-04</b>	<b>2004-05</b>	<b>2005-06</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>
<b>Undergraduate Student Research Awards</b>											
University	3,600	4,000	4,000	4,000	4,500	4,500	4,500	4,500	4,500	4,500	4,500
Industry	3,600	4,000	4,000	4,000	4,500	4,500	4,500	4,500	4,500	4,500	4,500
<b>Postgraduate Scholarships</b>											
1st and 2nd year	17,300	17,300	17,300	17,300	17,300	17,300	17,300	17,300	17,300	17,300	17,300
3rd and 4th year	19,100	19,100	19,100	19,100	19,100	21,000	21,000	21,000	21,000	21,000	21,000
1967 Science & Engineering	21,300	21,300	21,300	21,300	-	-	-	-	-	-	-
Canada Graduate Scholarship - Master's	-	-	-	-	-	17,500	17,500	17,500	17,500	17,500	17,500
Canada Graduate Scholarship - Doctoral	-	-	-	-	-	35,000	35,000	35,000	35,000	35,000	35,000
<b>Research Fellowships</b>											
Postdoctoral Fellowships	35,000	35,000	35,000	35,000	35,000	40,000	40,000	40,000	40,000	40,000	40,000
Industrial Research Fellowships <sup>1</sup>	25,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000
Women's/University Faculty Awards <sup>1</sup>	30,500	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000
<b>Constant 1998 Dollars:</b>											
<b>Undergraduate Student Research Awards</b>											
University	3,600	3,931	3,827	3,732	4,107	3,996	3,922	3,839	3,764	3,683	3,647
Industry	3,600	3,931	3,827	3,732	4,107	3,996	3,922	3,839	3,764	3,683	3,647
<b>Postgraduate Scholarships</b>											
1st and 2nd year	17,300	17,003	16,553	16,141	15,788	15,362	15,078	14,759	14,471	14,160	14,021
3rd and 4th year	19,100	18,772	18,275	17,820	17,431	18,648	18,303	17,915	17,566	17,188	17,020
1967 Science & Engineering	21,300	20,934	20,380	19,873	-	-	-	-	-	-	-
Canada Graduate Scholarship - Master's	-	-	-	-	-	15,540	15,253	14,929	14,638	14,323	14,183
Canada Graduate Scholarship - Doctoral	-	-	-	-	-	31,079	30,506	29,859	29,277	28,647	28,367
<b>Research Fellowships</b>											
Postdoctoral Fellowships	35,000	34,398	33,489	32,655	31,941	35,519	34,864	34,124	33,459	32,739	32,419
Industrial Research Fellowships <sup>1</sup>	25,000	29,484	28,705	27,990	27,378	26,639	26,148	25,593	25,095	24,554	24,315
Women's/University Faculty Awards <sup>1</sup>	30,500	39,312	38,273	37,320	36,504	35,519	34,864	34,124	33,459	32,739	32,419

1. Maximum payable.