

CAUT Almanac
of Post-Secondary Education in Canada

2002

Almanach
de l'enseignement postsecondaire au Canada de
l'ACPPU



CANADIAN ASSOCIATION OF UNIVERSITY TEACHERS
ASSOCIATION CANADIENNE DES PROFESSEURES ET PROFESSEURS D'UNIVERSITÉ

CAUT IS PLEASED TO PUBLISH its first Almanac of Post-Secondary Education in Canada. The annual *CAUT Almanac* brings together a wealth of information about Canada's universities and colleges in an accessible format for students, academic staff, journalists and the public.

The object of the *Almanac* is to give a factual overview of what is known about post-secondary education in Canada. We hope its design and presentation will prove useful. For those wanting to explore a topic in greater depth, we provide a list of sources and notes at the end.

As we gathered the data for this document, we became aware both of the rich detail on some important matters and the almost total absence of data on others. For example, extensive data are gathered about how many students there are and what courses they take, but very little is collected to give an overall sense of who these students are. We know almost nothing about their socio-economic status and even less about their cultural, racial and ethnic backgrounds.

Similarly, considerable data are collected about full-time academic staff, although there is a conspicuous omission of data that would provide a complete demographic profile of full-time faculty and other academic staff. An even more troubling gap is the almost total absence of reliable information about the huge number of part-time and contract academic staff.

In future editions of the *CAUT Almanac*, we will fill those gaps as data are collected by Statistics Canada or other researchers. We would be pleased to receive suggestions for future editions which will be published in January of each year. Additional copies of the *CAUT Almanac* may be ordered by email (acppu@caut.ca).

Thomas Booth
President

James L. Turk
Executive Director

January, 2002

L'ACPPU A LE PLAISIR D'ANNONCER la publication de son premier almanach de l'enseignement post-secondaire au Canada. Publication annuelle, l'*Almanach de l'ACPPU* renferme une mine de renseignements sur les universités et les collèges du Canada dans un format accessible pour la population étudiante, le personnel universitaire, les journalistes et le grand public.

L'*Almanach* présente un aperçu factuel qui a pour objet d'informer sur l'enseignement postsecondaire au Canada. Nous espérons que sa conception et sa présentation se révéleront utiles. Les personnes désirant approfondir un sujet pourront consulter les sources et les notes fournies à la fin.

Alors que nous rassemblions les données pour cet ouvrage, nous nous sommes rendus compte de l'abondance de renseignements sur certains sujets et la quasi-absence de données sur d'autres. Ainsi, énormément de données sont recueillies sur le nombre d'étudiants et sur les cours qu'ils suivent, mais très peu sont rassemblées nous permettant d'avoir une idée générale de leur profil. Nous ne savons presque rien sur leur situation socio-économique, voire sur leur origines culturelles, raciales et ethniques.

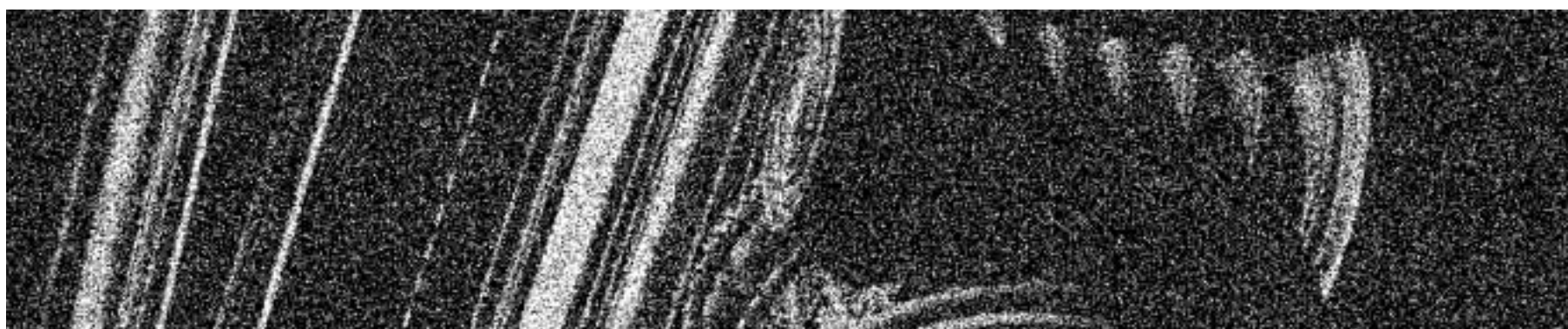
De même, une grande quantité de données est colligée sur le personnel universitaire à temps plein mais il manque manifestement des renseignements pour brosser un tableau démographique complet des professeurs et autres universitaires à temps plein. L'absence presque totale de renseignements fiables sur le nombre considérable d'universitaires à temps partiel et de contractuels est encore plus inquiétante.

Nous comblerons ces omissions dans les éditions futures de l'*Almanach de l'ACPPU* à mesure que des données seront colligées par Statistique Canada et d'autres chercheurs. Nous accueillerons avec plaisir les suggestions pour les éditions futures qui paraîtront annuellement, en janvier. Il est possible de commander par courriel des exemplaires supplémentaires de l'*Almanach de l'ACPPU* à l'adresse acppu@caut.ca.

Thomas Booth
Président

James L. Turk
Directeur général

Janvier 2002



Technical Notes Notes techniques

DEFINITIONS/ DÉFINITIONS

Unless otherwise noted, the definitions below reflect the population universe used when referenced in the tables/
À moins d'indication contraire, les définitions ci-dessous reflètent la population statistique citée dans les tableaux

College: Includes community college or institute of applied arts and technology or CÉGEP/
Collège : S'entend d'un collège

communautaire ou d'un institut d'arts appliqués et de technologie ou d'un CÉGEP

Post-secondary: Includes university, community college or institute of applied arts and technology or CÉGEP, and trade/vocational schools, but excludes business/commercial schools/
Postsecondaire : S'entend d'une université, d'un collège communautaire ou d'un institut d'arts appliqués et de technologie ou d'un CÉGEP, et d'écoles de formation professionnelle, à l'exception des écoles de commerce

p: Preliminary estimate/
Estimation préliminaire

r: Revised estimate/
Estimation révisée

-: Results unavailable/
Résultats non disponibles

--: Results statistically insignificant/
Résultats non significatifs

X: Results suppressed for confidentiality/
Résultats supprimés à des fins de confidentialité

Sources, Notes and
Acronyms appear on
page 32/

Les sources, notes et
acronymes sont à la
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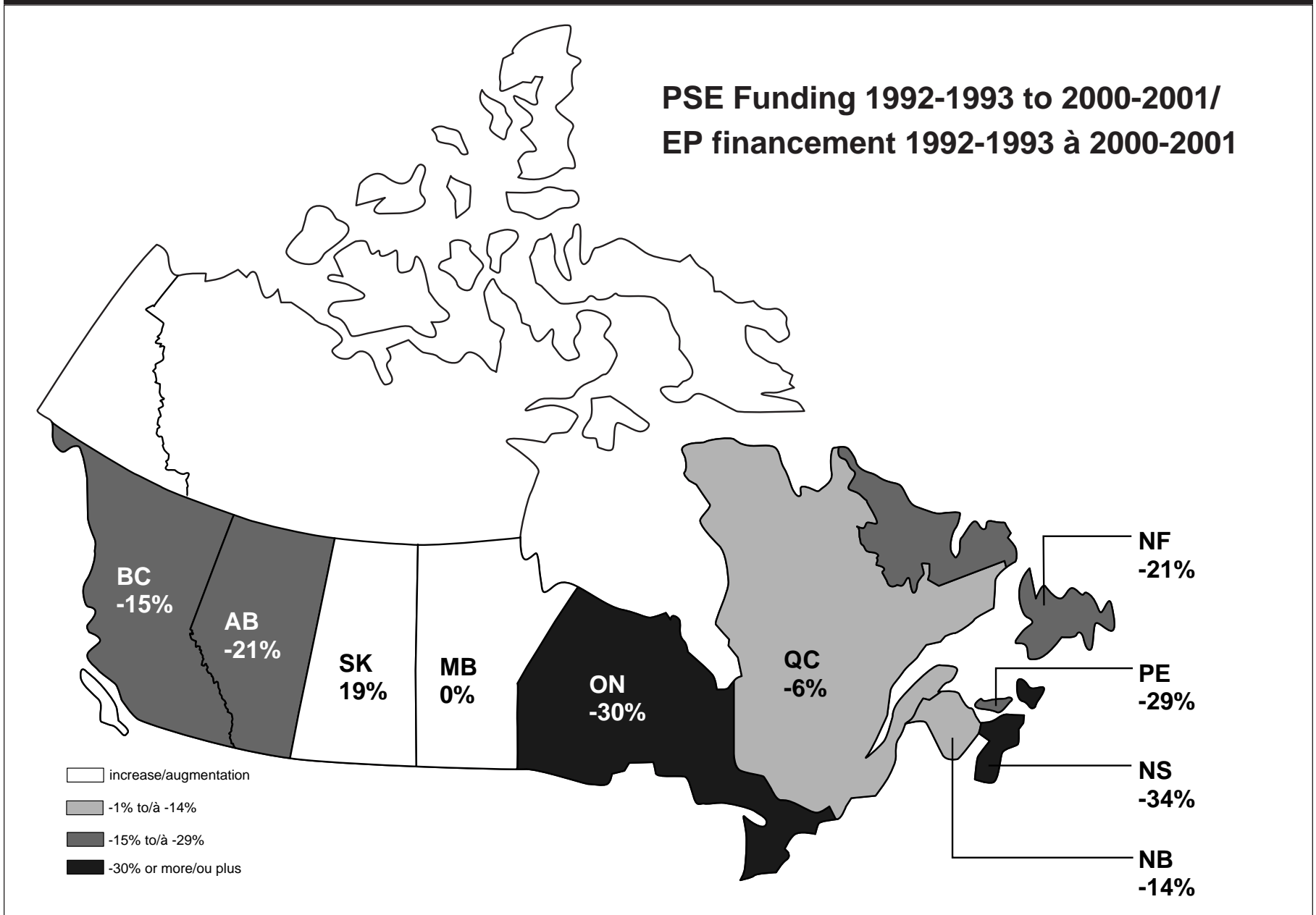
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-

1 Canada

Map/Carte 1.1

Percentage Change of Provincial Government Funding for PSE, 1992-1993 to 2000-2001 (Per FTE student enrolment, constant dollars)/
Variation du pourcentage de financement provincial de l'enseignement postsecondaire, 1992-1993 à 2000-2001
(Par effectif étudiant ETP, en dollars constants)



**DEMOGRAPHICS/
DÉMOGRAPHIE**

Population
31,156,393 (October 2001)

**Age/
Âge**
 0 - 45.2%
 5 - 14.....17.8%
 15 - 19.....6.4%
 20 - 24.....6.4%
 25 - 44.....29.5%
 45 - 64.....22.7%
 65+12.0%

**Language (by mother tongue)/
Langue (selon la langue maternelle)**
 English/
Anglais59.2%
 French/
Français23.3%
 English and French/
anglais et français0.4%
 Other/
Autre17.1%

**Ethnocultural background/
Origine ethnoculturelle**
 Aboriginal/
Autochtone2.8%
 Black/
Noir2.0%

South Asian/
Asiatique du sud2.4%
 Chinese/
Chinois3.0%
 Korean/
Coréen0.2%
 Japanese/
Japonais0.2%
 Southeast Asian/
Asiatique du sud-est0.6%
 Filipino/
Philippin0.8%
 Arab/West Asian/
Arabe/Asiatique de l'ouest0.9%
 Latin American/
Latino-américain0.6%
 White/
Blanc86.0%
 Visible minority, n.i.e.¹/
Minorité visible, n.i.a.¹0.2%
 Multiple visible minority/
Minorité visible multiple0.2%

**Education attainment of adult population (aged 25+)/
Degré de scolarité de la population adulte (25 ans et plus)**
 0-8 years/
0-8 ans10.8%
 Some secondary school/
Quelques années d'études secondaires13.4%

Secondary school graduate/
Diplôme d'études secondaires19.8%
 Some post-secondary education/
Quelques années d'études postsecondaires6.9%
 Post-secondary certificate/
Certificat universitaire31.0%
 University degree - bachelor's/
Baccalauréat12.2%
 University degree - post-graduate/
Grade universitaire d'études supérieures5.9%

**ECONOMICS/
ÉCONOMIE**

**Average personal income (1998)/
Revenu personnel moyen 1998**\$25,784

**Unemployment rate/
Taux de chômage**
10/20017.3%

**Poverty rate (1998)¹/
Taux de pauvreté¹**
199811.8%

**Proportion of after-tax family income by quintile² (1999)/
Proportion du revenu familial après impôt selon le quintile² (1999)**

Poorest 20%/
Les plus pauvres 20%7.4%
 Second quintile/
Deuxième quintile12.9%
 Middle quintile/
Quintile du milieu17.7%
 Fourth quintile/
Quatrième quintile23.6%
 Richest 20%/
Les plus riches 20%38.3%

**Share of assets by family quintile³ (1999)/
Part de l'avoir par famille selon le quintile³ (1999)**
 Poorest 20%/
Les plus pauvres 20%0.5%
 Second quintile/
Deuxième quintile3.9%
 Middle quintile/
Quintile du milieu10.9%
 Third quintile/
Troisième quintile19.2%
 Richest 20%/
Les plus riches 20%65.4%

**POLITICS/
POLITIQUE**

**Prime Minister/
Premier ministre**
Jean Chrétien (L)

**Leader of the Official Opposition/
Chef de l'Opposition officielle**
John Reynolds (CA/AC)

**Date of last Federal Election/
Date des dernières élections fédérales**
28/11/2000

**Seats in House of Commons/
Sièges à la Chambre des communes**
(37th Parliament/37^e législature)

Liberal/
Libéral172
 Canadian Alliance/
Alliance canadienne58
 Bloc Québécois/
Bloc québécois38
 New Democratic Party/
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2 Provinces + Canada

2.1 Demographics Démographiques

	NF	PE	NS	NB	QC	ON	MB	SK	AB	BC	Canada
Population (October 2001)/ Population (Octobre 2001)	533,329	138,898	943,031	756,926	7,418,651	11,921,878	1,149,139	1,014,125	3,078,758	4,102,838	31,156,393
GDP Growth (2000)/ Croissance du PIB (2000)	5.6%	3.0%	2.3%	1.8%	4.3%	5.3%	2.8%	3.2%	5.6%	3.9%	4.6%
Per capita after-tax income (1999)/ Revenu net d'impôt par habitant (1999)	\$13,325	\$14,260	\$14,972	\$15,121	\$15,610	\$19,145	\$15,646	\$15,347	\$17,918	\$18,080	\$17,424
Unemployment rate (2000)/ Taux de chômage (2000)	16.7%	12.0%	9.1%	10.0%	8.4%	5.7%	4.9%	5.2%	5.0%	7.2%	6.8%
Poverty rate (1999)/ Taux de pauvreté (1999) ¹	14.2%	8.4%	12.2%	10.1%	14.7%	9.6%	13.8%	9.3%	11.4%	13.1%	11.8%

2.2 Educational Attainment of Population (aged 15+) Niveau d'instruction des adultes (15 ans et plus)

	NF	PE	NS	NB	QC	ON	MB	SK	AB	BC	Canada
Elementary and secondary only/ Élémentaire et secondaire seulement	58.2%	55.4%	52.8%	58.3%	57.5%	51.1%	55.9%	56.8%	48.7%	47.5%	52.8%
Non-university education, without certificate or diploma/ Études non universitaires, sans certificat ou diplôme	4.0%	4.3%	3.9%	4.3%	7.2%	6.4%	5.2%	4.9%	7.2%	7.4%	6.5%
Non-university education, with certificate or diploma/ Études non universitaires, avec certificat ou diplôme	19.1%	18.2%	19.9%	17.3%	15.1%	18.1%	15.8%	16.7%	20.6%	19.7%	17.7%
University (without degree)/ Études universitaires (sans grade)	10.7%	11.5%	11.2%	9.9%	8.0%	9.4%	11.5%	11.8%	10.3%	11.9%	9.7%
Bachelor or first professional degree/ Baccalauréat ou premier grade professionnel	6.0%	8.1%	8.6%	7.4%	8.5%	10.1%	8.4%	7.7%	9.9%	9.4%	9.2%
University certificate above Bachelor level/ Certificat universitaire post-baccalauréat	0.5%	1.0%	1.2%	0.9%	1.2%	1.7%	1.3%	0.6%	0.9%	1.4%	1.4%
Master's degree/ Maîtrise	1.3%	1.4%	1.9%	1.6%	2.1%	2.6%	1.5%	1.1%	2.0%	2.3%	2.2%
Doctorate/ Docteurat	0.3%	0.2%	0.4%	0.3%	0.4%	0.5%	0.4%	0.4%	0.5%	0.5%	0.5%

2.3 Degrees Awarded (1998) Grades conférés (1998)

	NF	PE	NS	NB	QC	ON	MB	SK	AB	BC	Canada
Bachelor and 1st Professional/ Baccalauréat et premier grade professionnel	2,207	385	6,079	3,310	27,430	54,030	4,773	3,983	10,771	11,893	124,861
Masters/ Maîtrise	289	3	894	366	6,769	8,845	527	507	1,578	2,248	22,206
Doctorate/ Docteurat	29	-	87	27	1,172	1,547	107	89	419	499	3,976

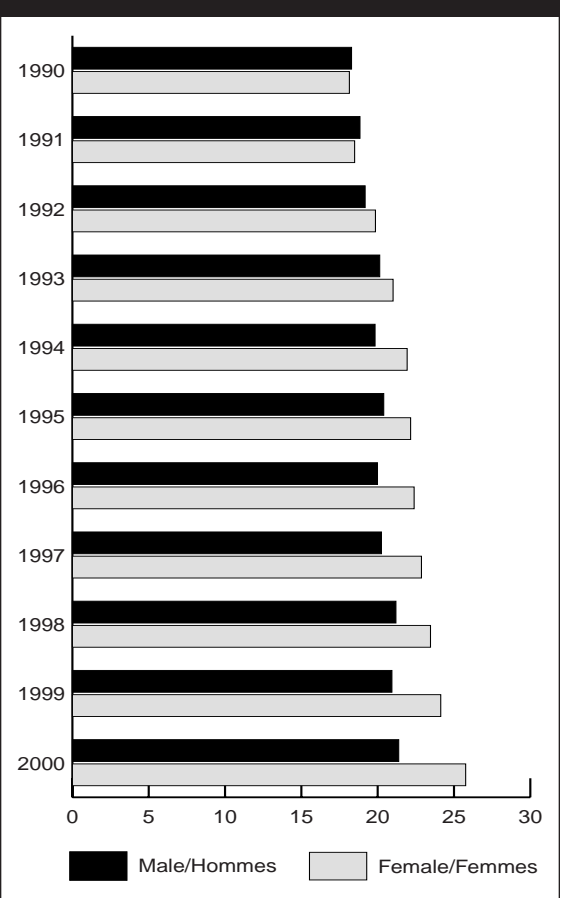
2.4 Average Salary of Full-time University Teachers (2000-01) Salaire moyen des professeurs d'université à temps plein (2000-01)

	NF	PE	NS	NB	QC	ON	MB	SK	AB	BC	Canada
Full professor/ Professeur titulaire	\$74,572	\$81,931	\$83,498	\$85,558	\$90,011	\$99,892	\$92,548	\$84,820	\$96,735	\$99,248	\$96,471
Associate professor/ Professeur agrégé	\$62,640	\$73,954	\$65,524	\$67,525	\$71,828	\$82,002	\$71,614	\$68,854	\$72,619	\$78,459	\$77,617
Assistant professor/ Professeur adjoint	\$49,835	\$56,251	\$50,871	\$52,541	\$55,166	\$64,274	\$55,541	\$53,171	\$59,580	\$65,950	\$61,070
Lecturer/ Chargé de cours	\$38,725	\$45,620	\$40,842	\$35,573	\$51,442	\$58,730	\$46,906	\$27,781	\$41,315	\$59,074	\$55,935
All ranks combined/ Tous rangs combinés	\$64,319	\$67,215	\$64,444	\$70,183	\$72,846	\$83,309	\$73,457	\$65,785	\$78,942	\$85,048	\$79,896

2.5 Federal Research Funding Awards by Province Octrois fédéraux pour la recherche par province

	NF	PE	NS	NB	QC	ON	MB	SK	AB	BC	Canada
SSHRC/ CRSH	\$1,189,000 1.4%	\$113,000 0.1%	\$3,232,000 3.7%	\$826,000 0.9%	\$27,312,000 31.2%	\$31,083,000 35.5%	\$2,353,000 2.7%	\$1,247,000 1.4%	\$8,535,000 9.7%	\$11,673,000 13.3%	\$87,563,000 100.0%
NSERC/ CRSNG	\$10,494,000 2.3%	\$596,000 0.1%	\$15,309,000 3.4%	\$6,843,000 1.5%	\$123,109,000 27.3%	\$162,445,000 36.1%	\$9,710,000 2.2%	\$13,636,000 3.0%	\$50,581,000 11.2%	\$57,808,000 12.8%	\$450,531,000 100.0%
CIHR/ IRSC	\$1,786,000 0.6%	\$67,000 0.0%	\$6,949,000 2.3%	\$12,000 0.0%	\$108,256,000 36.5%	\$108,255,000 36.5%	\$9,911,000 3.3%	\$3,004,000 1.0%	\$34,045,000 11.5%	\$24,382,000 8.2%	\$296,667,000 100.0%
CFI/ FCI	\$6,468,000 0.7%	\$957,000 0.1%	\$17,424,000 1.8%	\$6,096,000 0.6%	\$257,283,000 27.0%	\$383,375,000 40.2%	\$18,094,000 1.9%	\$78,842,000 8.3%	\$67,690,000 7.1%	\$118,023,000 12.4%	\$954,251,000 100.0%

Fig. 2.1
University Graduates as a Share of Full-time
Employed Workers Aged 25-44, Canada, 1990-2000/
Diplômés universitaires en proportion des tra-
vailleurs occupés à temps plein âgés de 25 à 44 ans,
Canada, 1990-2000



3 Education Éducation

3.1 Employment in Educational Services, Canada, 2000¹ L'emploi dans les services éducatifs, Canada, 2000¹

Sector/ Secteur	Employment ¹ / Emploi ¹
Educational services/ Services éducatifs	884,573
Elementary and secondary education/ Enseignement élémentaire et secondaire	584,881
Postsecondary non-university education/ Enseignement postsecondaire non universitaire	115,151
University education/ Enseignement universitaire	184,542
Libraries, museums and other educational services/ Bibliothèques, musées et autres services éducatifs	47,128
Library services/ Services de bibliothèque	16,966
Museums and archives/ Musées et archives	12,444
Other educational services/ Autres services éducatifs	17,718
All industries ² / Toutes les industries ²	12,199,592
Educational and related services/ Services éducatifs et connexes	931,701

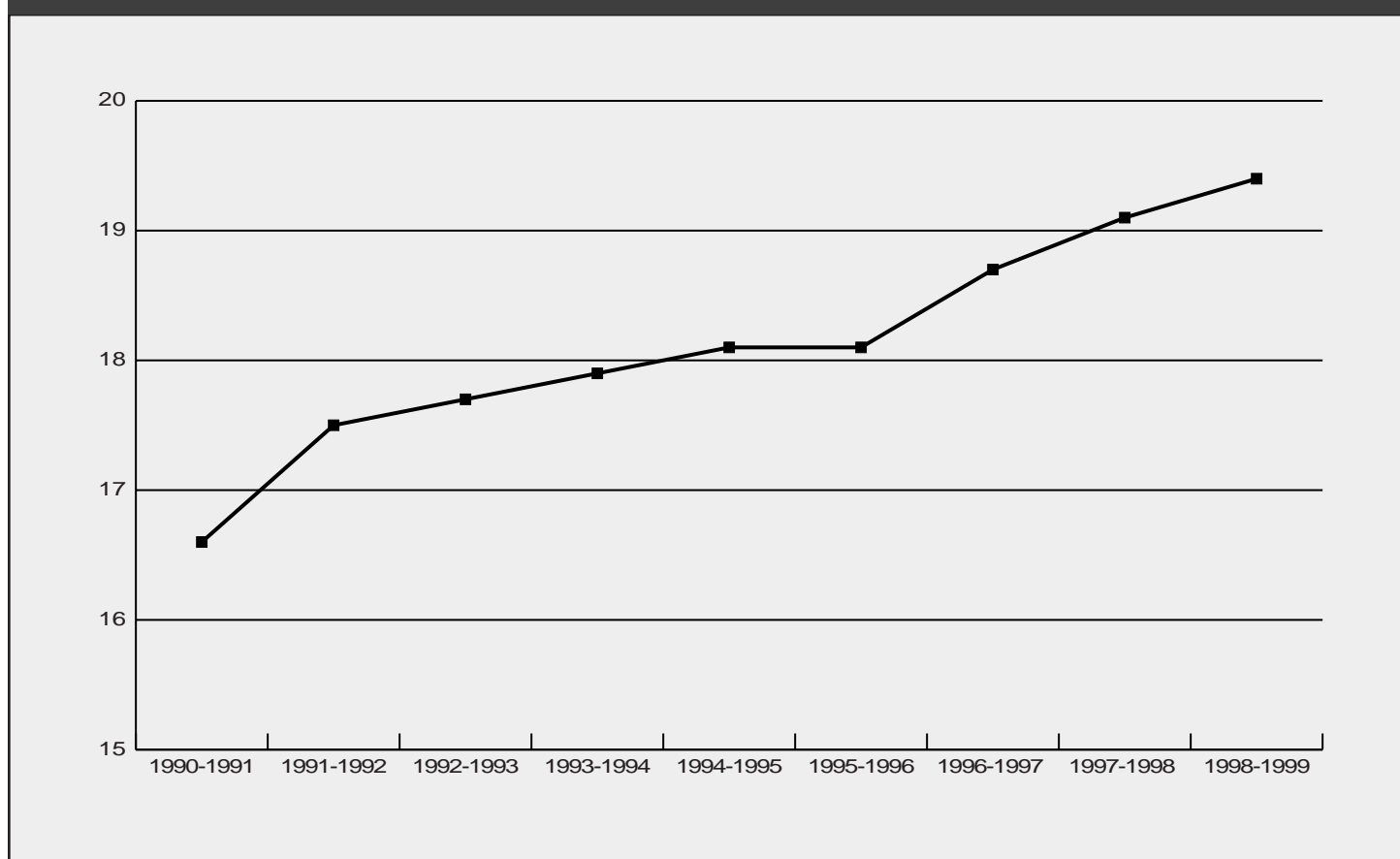
3.2 Community Colleges in Canada by Type, 1998-1999 Collèges communautaires au Canada par type, 1998-1999

Community Colleges with/ Collèges communautaires avec	NF	PE	NS	NB	QC	ON	MB	SK	AB	BC	Canada
University transfer programs/ Programmes de passage à l'université	-	-	-	-	11	-	-	-	-	1	12
University transfer and career programs/ Programmes de passage à l'université et professionnels	-	-	-	-	11	-	-	-	1	1	13
University transfer, trade and career programs/ Programmes de passage à l'université, des métiers et professionnels	-	-	-	-	46	-	1	-	11	17	77
Career and trade programs/ Programmes professionnels et des métiers	1	2	2	1	3	26	2	1	5	3	47
Career programs/ Programmes professionnels	1	-	3	4	18	14	3	3	2	2	50
Total	2	2	5	5	89	40	6	4	19	24	199

3.3 University Student-Faculty Ratios¹ by Province, 1990-1991 to 1998-1999 Ratio population étudiante universitaire - corps professoral¹ par province, 1990-1991 à 1998-1999

Year/ Année	NF	PE	NS	NB	QC	ON	MB	SK	AB	BC	Canada
1990-1991	13.2	15.8	13.6	14.6	19.0	17.1	14.0	15.5	15.9	14.7	16.6
1991-1992	13.9	16.8	14.9	15.9	19.1	18.2	14.7	16.9	16.5	15.9	17.5
1992-1993	13.9	16.8	15.4	17.2	19.1	18.6	14.3	17.0	17.2	15.8	17.7
1993-1994	14.9	14.6	15.6	17.7	19.0	18.7	14.4	17.2	17.6	15.9	17.9
1994-1995	15.2	13.8	16.0	17.8	18.6	19.1	15.5	17.9	18.0	16.1	18.1
1995-1996	14.8	14.0	15.8	17.7	18.4	19.0	14.8	18.1	19.1	16.7	18.1
1996-1997	15.8	12.9	16.4	17.4	18.6	19.9	15.8	18.3	20.3	17.4	18.7
1997-1998	16.0	14.4	15.7	17.0	19.6	20.2	15.8	18.9	19.3	18.0	19.1
1998-1999	16.4	14.5	17.3	17.0	19.7	19.9	16.9	18.5	20.5	19.8	19.4

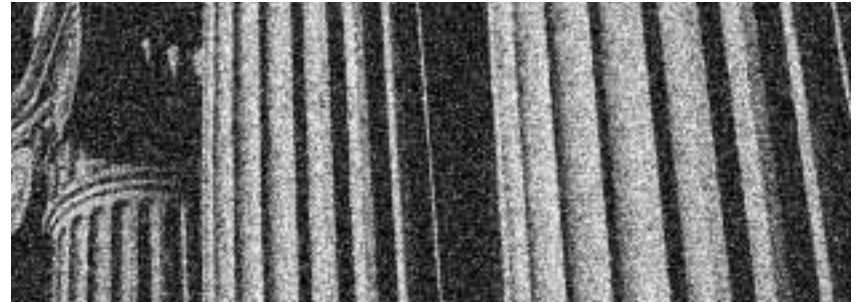
Fig. 3.1
University Student-Faculty Ratio, Canada/
Ratio population étudiante - corps professoral par université, Canada



3 Education Éducation

3.4 Canada Student Loans by Type of PSE Institution, 1990-1991 to 1998-1999 Programme canadien de prêts aux étudiants par catégorie d'établissement d'enseignement postsecondaire, 1990-1991 à 1998-1999

Type of Institution/ Type d'établissement	1990-1991	1998-1999	% Change 1990-1991 to 1998-1999/ % de changement 1990-1991 à 1998-1999
Universities/ Universités	135,545	171,626	26.6%
Colleges and Institutes/ Collèges et instituts	75,253	129,801	72.5%
Private/ Privé	26,201	57,197	118.3%
Other ¹ / Autre ¹	3,544	307	-91.3%
Total	240,543	358,931	49.2%



3.5 Student-Faculty Ratios by University Ratio population étudiante - corps professoral par université

Institution/ Établissement	FTE Students (1999)/ Étudiants ETP (1999)	FT Faculty (1999) ¹ / Corps professoral TP (1999) ¹	Student : Faculty Ratio/ Ratio pop. étudiante - corps professoral	Institution/ Établissement	FTE Students (1999)/ Étudiants ETP (1999)	FT Faculty (1999) ¹ / Corps professoral TP (1999) ¹	Student : Faculty Ratio/ Ratio pop. étudiante - corps professoral
Acadia University	3,536.1	205	17.25	Trent University	4,135.6	189	21.88
Athabasca University	2,900.3	-	-	Trinity Western University	1,637.7	78	21.00
Augustana University College	814.7	53	15.37	Université de Moncton	4,963.9	370	13.42
Bishop's University	2,073.6	100	20.74	Université de Montréal	35,620.9	1,642	21.69
Brandon University	1,943.1	145	13.40	Université de Sherbrooke	11,967.9	725	16.51
Brock University	8,384.4	338	24.81	Université du Québec - École de technologie supérieure	1,991.6	85	23.43
Carleton University	13,867.0	604	22.96	Université du Québec - École nationale d'administration publique	480.1	36	13.34
Concordia University	17,153.4	666	25.76	Université du Québec à Chicoutimi	3,962.1	210	18.87
Concordia University College of Alberta	1,058.6	49	21.60	Université du Québec à Hull	2,734.4	125	21.88
Dalhousie University	9,803.0	940	10.43	Université du Québec à Montréal	23,059.0	839	27.48
École Polytechnique	-	-	-	Université du Québec à Rimouski	2,617.6	153	17.11
Hautes Études Commerciales	-	-	-	Université du Québec à Ste-Foy	-	-	-
Institut Armand Frappier	119.0	29	4.10	Université du Québec à Trois-Rivières	6,568.7	345	19.04
Institut National Recherche Scientifique	184.6	109	1.69	Université du Québec en Abitibi-Témiscamingue	1,229.1	80	15.36
King's College	1,925.3	56	34.38	Université Laval	26,955.4	1,498	17.99
Kwantlen University College	4,038.2	314	12.86	Université Sainte-Anne	270.6	32	8.46
Lakehead University	5,672.1	239	23.73	University College of Cape Breton	2,164.1	103	21.01
Laurentian University of Sudbury/ U. Laurentienne de Sudbury	5,106.1	362	14.11	University College of the Cariboo	3,231.0	243	13.30
McGill University	23,260.0	1,324	17.57	University College of the Fraser Valley	3,474.2	139	24.99
McMaster University	14,520.6	909	15.97	University of Alberta	27,517.1	1,366	20.14
Malaspina University College	3,394.0	136	24.96	University of British Columbia	29,412.4	1,774	16.58
Memorial University of Newfoundland	13,856.4	857	16.17	University of Calgary	21,157.9	1,288	16.43
Mount Allison University	2,316.0	124	18.68	University of Guelph	12,825.0	643	19.95
Mount Saint Vincent University	2,586.6	134	19.30	University of King's College	849.9	26	32.69
Nipissing University	2,101.4	77	27.29	University of Lethbridge	4,933.9	294	16.78
Nova Scotia Agricultural College	817.1	61	13.40	University of Manitoba	18,018.9	1,080	16.68
Nova Scotia College of Art and Design	725.6	43	16.87	University of New Brunswick	10,203.4	539	18.93
Okanagan University College	3,335.8	173	19.28	University of Northern British Columbia	2,407.0	117	20.57
Queen's University at Kingston	14,845.9	744	19.95	University of Ottawa - Université d'Ottawa	18,630.1	883	21.10
Redeemer University College	458.1	30	15.27	University of Prince Edward Island	2,589.1	189	13.70
Royal Military College of Canada	1,112.9	-	-	University of Regina	9,410.4	384	24.51
Ryerson University	13,384.0	515	25.99	University of Saskatchewan	14,526.6	948	15.32
Saint Mary's University	5,753.0	211	27.27	University of Toronto	44,011.9	2,737	16.08
Saint Paul University/Université Saint-Paul	488.1	59	8.27	University of Victoria	13,345.3	608	21.95
Simon Fraser University	13,126.0	611	21.48	University of Waterloo	17,699.3	768	23.05
St. Francis Xavier University	3,714.1	199	18.66	University of Western Ontario	21,440.4	1,232	17.40
St. Jerome's University	754.1	28	26.93	University of Windsor	10,201.3	415	24.58
St. Thomas More College	1,248.0	26	48.00	University of Winnipeg	3,423.7	232	14.76
St. Thomas University	2,058.1	76	27.08	Wilfrid Laurier University	7,160.9	305	23.48
Télé-Université	2,217.7	39	56.86	York University	31,027.4	1,093	28.39
The King's University College	488.0	29	16.83				

3.6 Research Library Acquisitions, 1999-2000/ Acquisitions des bibliothèques de recherche, 1999-2000

University/ Université	Notes/ Notes ¹	Total Volumes Held 1999-2000/ Total des volumes détenus 1999-2000	Net Change 1998-1999 to 1999-2000/ Changement net 1998-1999 à 1999-2000	Total Current Serials 1999-2000/ Total des périodiques actuels 1999-2000	Net Change 1998-1999 to 1999-2000/ Changement net 1998-1999 à 1999-2000
Alberta	PGLM	5,527,712	2.8%	33,046	-5.2%
British Columbia	PGLM	4,106,011	2.0%	23,103	5.4%
Calgary	PGLM	2,281,431	2.4%	14,924	2.8%
Carleton ²	PG	1,661,715	0.8%	9,263	0.9%
Concordia	P	1,618,878	1.3%	8,328	-2.4%
Dalhousie	PLM	1,782,917	1.3%	-	-
Guelph	B	1,806,683	1.0%	7,814	2.7%
Laval	PGLM	2,410,202	1.4%	14,110	-1.2%
Manitoba	PGLM	1,897,236	4.3%	13,756	-0.1%
McGill	BGLM	3,199,896	1.8%	15,593	-1.1%
McMaster	PGM	1,878,245	1.3%	10,858	-0.1%
Memorial*	PM	1,605,757	2.3%	12,923	-2.0%
Montréal	PGLM	2,571,577	2.2%	14,780	-0.7%
New Brunswick	PG	1,163,417	1.9%	8,241	-
Ottawa	PLM	1,605,939	1.8%	15,205	-0.9%
Québec	PGL	1,516,924	1.4%	-	-
Queen's	PLM	2,253,992	2.5%	14,118	-1.7%
Regina	PG	821,698	0.8%	7,400	-1.3%
Saskatchewan ²	PGLM	1,797,742	2.0%	13,275	-2.6%
Sherbrooke	PGLM	511,558	0.0%	8,559	2.3%
Simon Fraser	PG	1,431,682	3.1%	12,534	-
Toronto (incl. OISE)	PLM	9,195,841	3.0%	53,050	-1.1%
Victoria	PGL	1,767,561	1.4%	10,670	3.3%
Waterloo	BG	1,908,827	1.8%	11,875	2.1%
Western Ontario	PGL	2,465,089	1.8%	17,597	-2%
Windsor	PGL	1,592,246	1.7%	14,385	25.3%
York	PGL	2,359,201	1.8%	16,080	0.8%
TOTAL		62,739,977	2.1%	381,487	0.3%

4 Faculty Professeurs

4.1 Full-time Faculty by Major Discipline (1999)¹ Professeurs par grande discipline (1999)¹

Discipline	FT Faculty/ Professeurs à temps plein
Agricultural and biological sciences/ Agronomie et sciences biologiques	2,062
Education/ Éducation	2,228
Engineering and applied sciences/ Génie et sciences appliquées	2,440
Fine and applied arts/ Beaux-arts et arts appliqués	1,195
Health professions and occupations/ Professions de la santé	5,270
Humanities and related/ Sciences humaines et disciplines connexes	4,354
Mathematics and physical sciences/ Mathématique et sciences physiques	3,849
Social sciences and related/ Sciences sociales et disciplines connexes	7,718
All disciplines/ Toutes les disciplines	29,426

4.2 Average Salaries of Canadian University Teachers by Rank, 2000-2001 Salaires moyens des professeures et professeurs d'universités canadiennes, par rang, 2000-2001

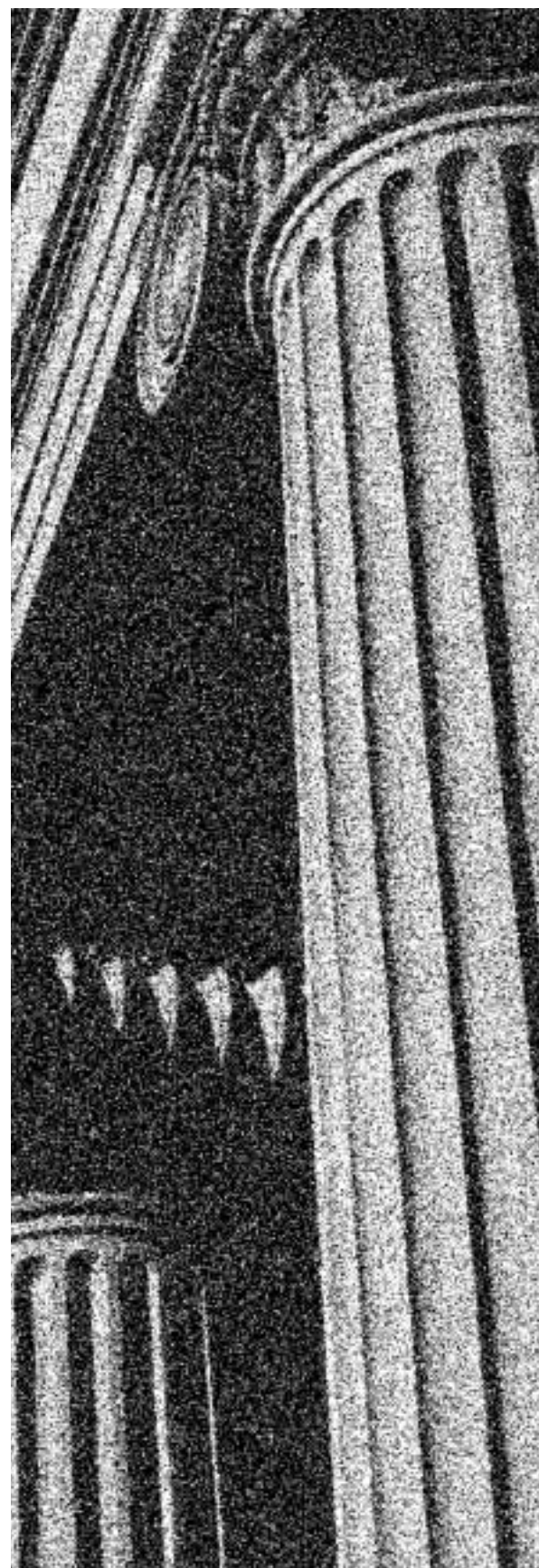
Rank/ Rang	2000-2001
Full professor/ Professeur titulaire	\$96,471
Associate professor/ Professeur agrégé	\$77,617
Assistant professor/ Professeur adjoint	\$61,070
Lecturer/ Chargé de cours	\$55,935
All ranks combined/ Tous les rangs combinés	\$79,896

4.3 Average Salaries of Full-time University Teachers (2000-2001) by Macleans Groupings¹ Salaires moyens des professeurs d'université à temps plein (2000-2001) selon le classement de Macleans¹

Rank/ Rang	Medical-doctoral universities/ Universités avec écoles de médecine et de 3 ^e cycle	Comprehensive universities/ Universités polyvalentes	Undergraduate universities/ Universités de premier cycle
Full professor/ Professeur titulaire	\$101,089	\$93,239	\$89,189
Associate professor/ Professeur agrégé	\$79,485	\$78,045	\$72,297
Assistant professor/ Professeur adjoint	\$63,741	\$61,292	\$56,091
Lecturer/ Chargé de cours	\$58,953	\$54,952	\$47,212
All ranks combined/ Tous les rangs combinés	\$83,855	\$79,363	\$71,811

4.4 Average Salary by Rank and Institution, 2000-2001 Salaires moyens par rang et institut 2000-2001

	Full Professor/ Professeur titulaire	Associate Professor/ Professeur agrégé	Assistant Professor/ Professeur adjoint	Lecturer/ Chargé de cours
Acadia University	\$86,400	\$68,215	\$53,104	\$47,050
University of Alberta	\$97,271	\$73,287	\$62,133	-
Brandon University	\$82,649	\$68,743	\$51,519	\$42,887
Brock University	\$96,868	\$79,696	\$58,843	\$54,592
University of Calgary	\$95,777	\$71,936	\$56,996	\$41,315
University College of Cape Breton	\$72,379	\$59,617	\$43,774	-
Campion College	-	-	\$50,800	-
Carleton University	\$94,081	\$80,446	\$63,433	\$62,540
University of Guelph	\$96,003	\$86,481	\$67,241	\$53,394
Huron College	\$84,740	\$80,348	\$53,528	-
King's College (ON)	\$100,586	\$83,665	-	-
Lakehead University	\$92,300	\$75,822	\$58,359	-
Laurentian University	\$93,680	\$72,715	\$57,023	\$46,484
University of Manitoba	\$94,164	\$73,220	\$57,509	\$47,609
McMaster University	\$97,762	\$79,512	\$61,241	\$49,257
Memorial University of Newfoundland	\$74,572	\$62,640	\$49,835	\$38,725
Université de Moncton	\$79,170	\$62,572	\$50,538	\$38,478
Mount Allison University	\$87,352	\$69,332	\$51,597	-
Mount Saint Vincent University	\$81,406	\$67,001	\$51,850	-
Nova Scotia College of Art and Design	\$79,458	\$66,588	-	-
University of Ottawa	\$97,786	\$79,984	\$59,775	\$54,660
Queen's University	\$96,991	\$78,110	\$65,395	-
University of Regina	\$88,082	\$71,228	\$53,233	\$41,671
Ryerson Polytechnic University	\$86,905	\$72,806	\$61,918	\$58,401
Saint Mary's University	\$88,763	\$67,187	\$53,134	\$44,135
Simon Fraser University	\$99,772	\$78,120	\$60,625	\$61,818
St. Francis Xavier	\$82,037	\$63,274	\$50,635	-
St. Jerome's University	\$106,971	\$74,007	-	-
St. Michael's College	-	-	\$75,318	-
Saint Thomas University	\$92,296	\$59,244	\$56,355	-
Université Sainte-Anne	\$70,348	-	-	\$42,263
University of Sudbury	-	-	-	-
University of Toronto	\$113,159	\$90,081	\$51,972	-
Trent University	\$100,310	\$79,821	\$56,780	-
University of British Columbia	\$101,647	\$81,459	\$56,780	-
University of New Brunswick	\$87,757	\$68,592	\$71,069	-
University of Victoria	\$93,397	\$73,038	\$53,190	\$44,525
University of Prince Edward Island	-	\$73,954	\$59,049	\$53,586
Victoria University (ON)	\$98,968	\$86,321	\$56,251	\$45,620
University of Waterloo	\$99,776	\$82,614	\$63,595	\$64,166
University of Western Ontario	\$97,727	\$79,625	\$61,889	\$53,305
Wilfrid Laurier University	\$99,625	\$80,220	\$62,758	\$55,510
University of Windsor	\$95,331	\$78,322	\$61,749	\$57,832
University of Winnipeg	\$89,465	\$67,103	\$50,040	\$48,717
York University	\$99,469	\$84,873	\$68,504	\$53,697



4 Faculty Professeurs

4.5

Average Salaries of Canadian University Teachers by Rank and Subject Taught, 1999-2000

Salaires moyens des professeures et professeurs d'université canadiennes, par rang et par matière enseignée, 1999-2000

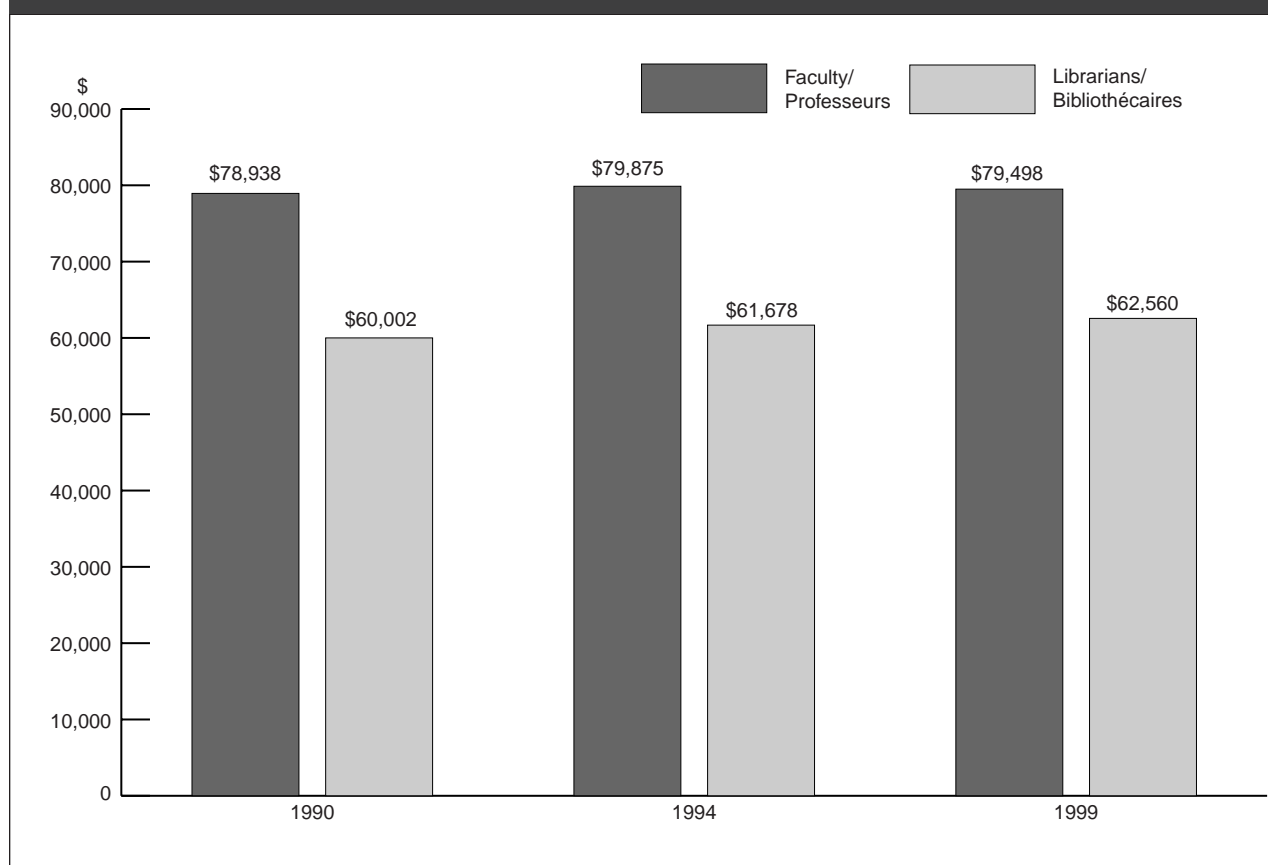
Subject/ Sujet	Total	Full Professor/ Professeur titulaire	Associate Professor/ Professeur agrégé	Assistant Professor/ Professeur adjoint	Lecturers and Other/ Chargés de cours et autres	Subject/ Sujet	Total	Full Professor/ Professeur titulaire	Associate Professor/ Professeur agrégé	Assistant Professor/ Professeur adjoint	Lecturers and Other/ Chargés de cours et autres
Agricultural and Biological Sciences/ Agronomie et sciences biologiques						Fine & Applied Arts/ Beaux-arts et arts appliqués					
Agriculture/ Agriculture	\$76,961	\$89,591	\$70,192	\$57,255	\$60,321	Fine Art/ Beaux-arts	\$73,033	\$86,886	\$72,207	\$57,322	\$57,556
Biochemistry/ Biochimie	\$79,558	\$91,192	\$71,441	\$59,279	\$67,053	Music/ Musique	\$71,502	\$87,171	\$70,246	\$52,160	\$55,586
Biology/ Biologie	\$75,263	\$88,198	\$69,716	\$54,370	\$58,801	Other Applied Arts/ Autres arts appliqués	\$72,067	\$86,093	\$71,348	\$53,906	X
Biophysics/ Biophysique	\$81,347	\$90,136	X	X	-	Other Performing Arts/ Autres arts d'interprétation	\$69,941	\$85,747	\$70,884	\$54,137	\$46,450
Botany/ Botanique	\$77,179	\$90,220	\$72,251	\$57,050	\$61,114	Fine & Applied Arts Not Specified/ Beaux-arts et arts appliqués (non-spécifié)	\$69,091	\$83,509	\$71,332	\$54,128	X
Fisheries & Wildlife Management/ Gestion des pêches et de la faune	\$83,103	X	X	X	-	Total	\$71,498	\$86,561	\$71,015	\$54,250	\$53,029
Household Science/ Économie domestique	\$72,136	\$88,357	\$71,460	\$55,503	\$49,898	Health Professions & Occupations/ Professions de la santé					
Toxicology/ Toxicologie	\$76,319	X	X	X	X	Basic Sciences-Medicine/ Sciences médicales fondamentales	\$85,840	\$100,011	\$75,214	\$59,824	\$57,809
Veterinary Medicine/ Médecine vétérinaire	\$83,253	\$91,657	\$77,719	\$70,267	-	Dentistry/ Art dentaire	\$92,032	\$107,500	\$91,580	\$77,408	\$74,580
Veterinary Medicine Specialties/ Spécialités de la médecine vétérinaire	\$82,569	\$90,114	\$75,637	X	-	Dental Specialties/ Spécialités de l'art dentaire	\$94,164	\$106,932	\$87,410	\$79,659	-
Veterinary Science/ Science vétérinaire	\$83,840	\$90,229	\$84,635	\$68,033	-	Medicine/ Médecine	\$80,164	\$100,971	\$69,788	\$63,070	\$64,907
Zoology/ Zoologie	\$81,486	\$91,003	\$74,398	\$60,077	\$61,423	Medical Specialization/ Spécialisations médicales	\$81,794	\$96,031	\$75,987	\$70,960	\$65,248
Agric. & Biological Sciences Not Specified/ Agronomie et sciences biologiques (non spécifié)	\$80,209	\$92,268	X	X	-	Medical Technology/ Technologie médicale	\$96,383	X	X	X	-
Total	\$77,556	\$89,706	\$72,060	\$57,374	\$59,831	Nursing/ Sciences infirmières	\$69,802	\$91,142	\$73,161	\$60,955	\$49,788
Education/ Éducation						Optometry/ Optométrie	\$79,011	\$93,655	X	\$58,984	\$79,726
Elementary-Secondary Education/ Élémentaire et secondaire	\$70,616	\$86,784	\$70,499	\$56,569	\$56,033	Paraclinical Science/ Sciences paracliniques	\$100,695	\$113,600	\$92,167	\$86,790	\$56,110
Higher Education postsecondary Teacher/ Enseignement supérieur	\$73,963	\$88,605	\$73,029	\$54,654	X	Pharmacy/ Pharmacologie	\$80,087	\$96,059	\$75,774	\$62,443	\$69,694
Kindergarten, pre-school Teacher Tr./ Prémamanuelle et maternelle	\$73,695	\$83,901	\$66,319	X	X	Public Health/ Santé publique	\$84,250	\$99,907	\$78,486	\$71,982	\$80,022
Kinesiology/ Sciences de l'activité physique	\$75,499	\$89,506	\$76,879	\$53,329	\$49,672	Rehabilitation Medicine/ Médecine physique et de réadaptation	\$73,957	\$89,189	\$76,085	\$65,697	\$58,317
Non-Teaching Fields/ Domaine parascolaire	\$78,870	\$91,987	\$75,263	\$56,878	\$65,487	Surgery/ Chirurgie	\$82,719	\$97,529	\$77,722	\$69,280	\$76,624
Physical Education/ Éducation physique	\$73,561	\$90,876	\$72,740	\$53,011	\$57,119	Other Health Occupation/ Autres professions médicales	\$78,811	\$93,033	\$78,242	\$57,540	X
Recreation/ Récréologie et administration des loisirs	\$68,470	\$86,854	\$71,709	\$53,946	\$54,138	Total	\$82,369	\$99,348	\$77,130	\$67,482	\$61,285
Education Not Specified/ Éducation (non spécifié)	\$75,113	\$90,378	\$74,980	\$60,648	\$52,641	Humanities & Related/ Sciences humaines et disciplines connexes					
Total	\$74,376	\$89,751	\$73,346	\$56,737	\$56,716	Classics, Classical & Dead Languages/ Humanités, langues classiques et langues mortes	\$77,944	\$90,400	\$77,352	\$55,384	X
Engineering & Applied Sciences/ Génie et sciences appliquées						English Language & Literature/ Anglais et littérature	\$73,211	\$89,524	\$72,207	\$51,606	\$54,309
Architecture/ Architecture	\$76,088	\$90,601	\$75,749	\$57,503	\$58,406	French Language & Literature/ Français et littérature	\$73,333	\$87,747	\$73,158	\$53,778	\$56,376
Aeronautical & Aerospace Engineering/ Génie aéronautique et aérospatial	\$95,955	\$104,029	X	X	-	History/ Histoire	\$78,080	\$90,850	\$72,688	\$52,915	\$56,513
Chemical Engineering/ Génie chimique	\$83,385	\$95,509	\$73,242	\$60,753	\$56,288	Journalism/ Journalisme	\$71,887	\$85,448	\$78,345	\$56,696	\$54,183
Civil Engineering/ Génie civil	\$83,075	\$94,875	\$74,862	\$61,636	X	Library Science/ Bibliothéconomie	\$73,279	\$94,166	\$74,860	\$56,856	X
Design Engineering/ Génie systémique et de la conception	\$83,395	\$98,903	\$77,958	\$65,447	X	Linguistics/ Linguistique	\$74,649	\$86,422	\$72,658	\$57,043	\$50,216
Electrical Engineering/ Génie électrique	\$81,950	\$92,627	\$75,367	\$62,349	\$72,573	Other Languages & Literature/ Autres langues et littératures	\$73,250	\$92,172	\$73,920	\$52,803	\$52,348
Engineering General/ Génie général	\$82,916	\$91,175	\$73,456	\$62,389	X	Other Mass Media Studies/ Autres études de communication de masse	\$73,109	\$89,135	\$72,988	\$54,308	\$48,404
Engineering Science/ Sciences du génie	\$85,026	\$91,707	\$84,292	X	X	Other/ Autres	\$76,423	X	X	X	X
Forestry/ Sciences forestières	\$74,493	\$86,713	\$76,151	\$57,236	\$57,721	Philosophy/ Philosophie	\$75,760	\$91,294	\$73,501	\$52,155	\$52,467
Industrial Engineering/ Génie industriel	\$84,018	\$94,377	\$78,309	\$62,198	X	Religious Studies/ Études religieuses	\$69,388	\$82,941	\$68,664	\$50,264	\$45,596
Landscape Architecture/ Architecture paysagiste	\$79,063	\$86,718	\$81,331	X	X	Theological Studies/ Théologie et théogonie	\$62,117	\$71,443	\$63,902	\$49,656	\$54,104
Mechanical Engineering/ Génie mécanique	\$79,991	\$93,390	\$73,773	\$61,074	\$58,408	Translation & Interpretation/ Traduction et interprétation	\$71,965	\$85,176	X	\$56,595	X
Metallurgical Engineering/ Génie métallurgique	\$88,755	\$96,774	\$74,232	X	-	Humanities & Related Not Specified/ Sciences humaines et disciplines connexes (non-spécifié)	\$70,120	\$87,106	\$70,690	\$54,102	\$52,861
Mining Engineering/ Génie minier	\$83,141	\$94,041	\$78,791	\$62,663	X	Total	\$73,777	\$88,761	\$72,514	\$52,876	\$53,132
Other Engineering/ Autres disciplines du génie	\$76,337	\$88,346	\$72,408	\$62,453	\$55,362						
Engineering & Related Not Specified/ Génie (non spécifié)	\$66,316	\$89,428	\$64,784	\$61,753	X						
Total	\$80,920	\$93,108	\$74,978	\$61,261	\$60,562						

4 Faculty Professeurs

4.5 (continued/suite)

Subject/ Sujet	Total	Full Professor/ Professeur titulaire	Associate Professor/ Professeur agrégé	Assistant Professor/ Professeur adjoint	Lecturers and Other/ Chargés de cours et autres	Subject/ Sujet	Total	Full Professor/ Professeur titulaire	Associate Professor/ Professeur agrégé	Assistant Professor/ Professeur adjoint	Lecturers and Other/ Chargés de cours et autres
Mathematics and the Physical Sciences/ Mathématique et sciences physiques						Com. Management, Business Admin./ Commerce, gestion, administration	\$81,700	\$95,845	\$80,098	\$69,109	\$60,143
Chemistry/ Chimie	\$78,693	\$93,003	\$70,244	\$55,055	\$60,333	Criminology/ Criminologie	\$79,413	\$94,308	\$76,004	\$54,758	X
Computer Science/ Informatique	\$79,236	\$95,275	\$76,492	\$62,404	\$55,926	Demography/ Démographie	\$77,469	\$94,398	\$70,321	X	-
Geology & Related/ Géologie et sciences connexes	\$78,718	\$90,583	\$69,399	\$56,040	\$55,866	Economics/ Économie	\$83,124	\$95,394	\$77,606	\$63,143	\$55,349
Mathematics/ Mathématique	\$79,699	\$90,894	\$74,048	\$54,843	\$61,950	Geography/ Géographie	\$78,892	\$92,112	\$73,039	\$54,328	\$54,382
Metallurgy/ Métallurgie	\$85,369	\$91,796	\$80,562	X	-	Law/ Droit	\$85,486	\$96,274	\$78,550	\$63,045	\$62,983
Meteorology/ Météorologie	\$77,089	\$88,392	\$74,480	X	X	Man and Environment Studies/ Études de l'homme et de son environnement	\$77,748	\$94,140	\$74,142	\$59,596	X
Oceanography/ Océanographie	\$78,769	\$87,073	\$69,356	X	X	Other Social Services/ Autres services sociaux	X	X	X	\$57,489	-
Physics/ Physique	\$82,541	\$93,105	\$71,415	\$56,568	\$61,828	Political Sciences/ Science politique	\$77,230	\$91,523	\$71,845	\$53,984	\$49,601
Math & Physical Sciences Not Specified/ Mathématique et sciences physiques (non-spécifié)	\$73,633	\$86,958	\$72,559	\$54,776	\$57,828	Psychology/ Psychologie	\$76,920	\$90,057	\$71,866	\$53,672	\$53,700
Total	\$79,732	\$92,236	\$73,180	\$57,235	\$59,516	Secretarial Science/ Science secrétariale	X	-	-	X	-
Social Sciences and Related/ Sciences sociales et connexes						Social Work/ Travail social et aide sociale	\$73,328	\$92,569	\$75,453	\$58,767	\$54,618
Anthropology/ Anthropologie	\$75,485	\$88,637	\$72,603	\$53,533	\$49,603	Sociology/ Sociologie	\$75,451	\$88,911	\$71,895	\$55,040	\$45,554
Archeology/ Archéologie	\$77,131	\$89,117	\$71,741	\$56,320	-	Specialized Admin. Studies/ Études administratives spécialisées	\$81,996	\$94,838	\$79,271	\$63,343	\$55,048
Area Studies/ Études régionales	\$71,295	\$95,308	\$70,474	\$53,967	\$44,177	Social Sciences & Related Not Specified/ Sciences sociales et connexes (non-spécifié)	\$69,857	\$87,796	\$71,443	\$55,379	X
Canadian Studies/ Études canadiennes	\$70,150	\$92,514	\$73,715	\$56,021	X	Not Reported/Non déclaré	\$57,429	\$95,741	\$70,460	\$50,666	\$42,093
						Total	\$78,076	\$92,613	\$74,235	\$59,470	\$57,020

Fig. 4.1
Salary for Faculty and Librarians, Canada (\$2000)/
Tendances salariales pour les professeurs et les bibliothécaires, Canada (2000 \$)



4 Faculty Professeurs

4.6

Age Distribution of Full-time Faculty by Subject Taught, 1998-1999

Répartition par âge des professeurs à temps plein selon les matières enseignées, 1998-1999

Subject/ Sujet	Total	<30	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65 +
Agricultural and Biological Sciences/ Agronomie et sciences biologiques										
Agriculture/ Agriculture	330	0.6%	4.2%	15.5%	18.8%	21.8%	16.4%	15.2%	6.1%	1.5%
Agric. & Biological Sciences Not Specified/ Agronomie et sciences biologiques (non-spécifié)	12	-	-	16.7%	8.3%	25.0%	33.3%	-	16.7%	-
Biochemistry/ Biochimie	158	-	5.7%	10.8%	21.5%	12.0%	18.4%	24.1%	4.4%	3.2%
Biology/ Biologie	723	0.1%	4.0%	12.2%	22.9%	16.2%	17.7%	15.4%	10.4%	1.1%
Biophysics/ Biophysique	14	-	-	28.6%	21.4%	7.1%	-	21.4%	14.3%	7.1%
Botany/ Botanique	169	-	5.9%	11.8%	20.1%	16.0%	17.8%	15.4%	10.7%	2.4%
Fisheries & Wildlife Management/ Gestion des pêches et de la faune	11	-	-	18.2%	18.2%	45.5%	9.1%	9.1%	-	-
Household Science/ Économie domestique	161	1.2%	7.5%	13.7%	20.5%	20.5%	20.5%	13.7%	2.5%	-
Toxicology/ Toxicologie	7	-	-	28.6%	42.9%	-	-	14.3%	14.3%	-
Veterinary Medicine/ Médecine vétérinaire	62	-	3.2%	16.1%	35.5%	16.1%	19.4%	8.1%	1.6%	-
Veterinary Medicine Specialties/ Spécialités de la médecine vétérinaire	46	-	4.3%	8.7%	32.6%	17.4%	19.6%	15.2%	2.2%	-
Veterinary Sciences/ Science vétérinaire	81	1.2%	1.2%	9.9%	12.3%	28.4%	25.9%	16.0%	4.9%	-
Zoology/ Zoologie	288	1.0%	2.4%	10.1%	14.2%	16.7%	18.1%	24.0%	12.2%	1.4%
Total	2,062	0.4%	4.2%	12.6%	20.6%	17.8%	18.1%	16.8%	8.2%	1.3%
Education/ Éducation										
Elementary-Secondary Education/ Élémentaire et secondaire	573	0.5%	3.3%	6.5%	10.8%	18.2%	28.0%	22.7%	8.2%	1.7%
Higher Education postsecondary Teacher/ Enseignement supérieur	58	-	3.6%	5.4%	17.9%	16.1%	28.6%	23.2%	5.4%	-
Kindergarten, pre-school Teacher Tr./ Prématernelle et maternelle	42	-	2.4%	-	11.9%	31.0%	28.6%	9.5%	14.3%	2.4%
Kinesiology/ Sciences de l'activité physique	167	1.8%	12.0%	13.2%	12.6%	14.4%	20.4%	19.2%	6.0%	0.6%
Non-Teaching Fields/ Domaine parascolaire	497	0.4%	3.0%	4.8%	12.1%	14.5%	24.1%	26.4%	12.3%	2.4%
Physical Education/ Éducation physique	311	1.0%	5.1%	12.5%	15.1%	17.4%	22.2%	19.9%	6.4%	0.3%
Recreation/ Récréologie et administration des loisirs	61	3.3%	9.8%	23.0%	13.1%	14.8%	26.2%	6.6%	3.3%	-
Education Not Specified/ Éducation (non-spécifié)	519	1.4%	3.9%	7.3%	12.0%	18.1%	23.9%	23.4%	8.9%	1.2%
Total	2,228	0.9%	4.5%	8.0%	12.4%	17.0%	24.8%	22.3%	8.8%	1.4%
Engineering & Applied Sciences/ Génie et sciences appliquées										
Aeronautical & Aerospace Engineering/ Génie aéronautique et aérospatial	21	-	-	19.0%	9.5%	9.5%	19.0%	23.8%	14.3%	4.8%
Architecture/ Architecture	142	0.7%	2.1%	11.3%	16.3%	17.0%	14.9%	18.4%	16.3%	2.8%
Chemical Engineering/ Génie chimique	240	0.4%	9.6%	16.3%	21.3%	13.8%	9.2%	15.1%	13.0%	1.3%
Civil Engineering/ Génie civil	339	0.9%	9.4%	16.8%	21.2%	13.0%	9.7%	13.6%	12.1%	3.2%
Design Engineering/ Génie systémique et de la conception	44	2.3%	15.9%	20.5%	15.9%	11.4%	11.4%	9.1%	11.4%	2.3%
Electrical Engineering/ Génie électrique	530	0.9%	10.0%	19.5%	18.6%	14.4%	10.2%	13.4%	10.6%	2.3%
Engineering General/ Génie général	77	-	1.3%	11.7%	7.8%	10.4%	28.6%	31.2%	9.1%	-
Engineering Science/ Sciences du génie	56	-	5.4%	12.5%	25.0%	14.3%	19.6%	12.5%	7.1%	3.6%
Forestry/ Sciences forestières	104	1.9%	4.8%	14.4%	34.6%	17.3%	10.6%	12.5%	1.9%	1.9%
Industrial Engineering/ Génie industriel	61	1.6%	6.6%	16.4%	16.4%	14.8%	16.4%	19.7%	8.2%	-
Landscape Architecture/ Architecture paysagiste	25	-	-	-	20.0%	48.0%	16.0%	8.0%	8.0%	-
Mining Engineering/ Génie minier	41	-	9.8%	4.9%	22.0%	14.6%	22.0%	17.1%	7.3%	2.4%
Mechanical Engineering/ Génie mécanique	483	2.1%	9.5%	22.2%	16.6%	13.0%	12.0%	12.0%	9.9%	2.7%
Metallurgical Engineering/ Génie métallurgique	40	-	-	7.5%	17.5%	12.5%	17.5%	30.0%	15.0%	-
Other Engineering/ Autres disciplines du génie	207	3.4%	8.7%	17.9%	21.3%	15.0%	14.5%	10.6%	8.2%	0.5%
Engineering & Related Not Specified/ Autres disciplines du génie (non-spécifié)	30	3.3%	33.3%	10.0%	16.7%	13.3%	10.0%	6.7%	3.3%	3.3%
Total	2,440	1.3%	8.6%	17.3%	19.3%	14.3%	12.5%	14.2%	10.4%	2.1%

4 Faculty Professeurs

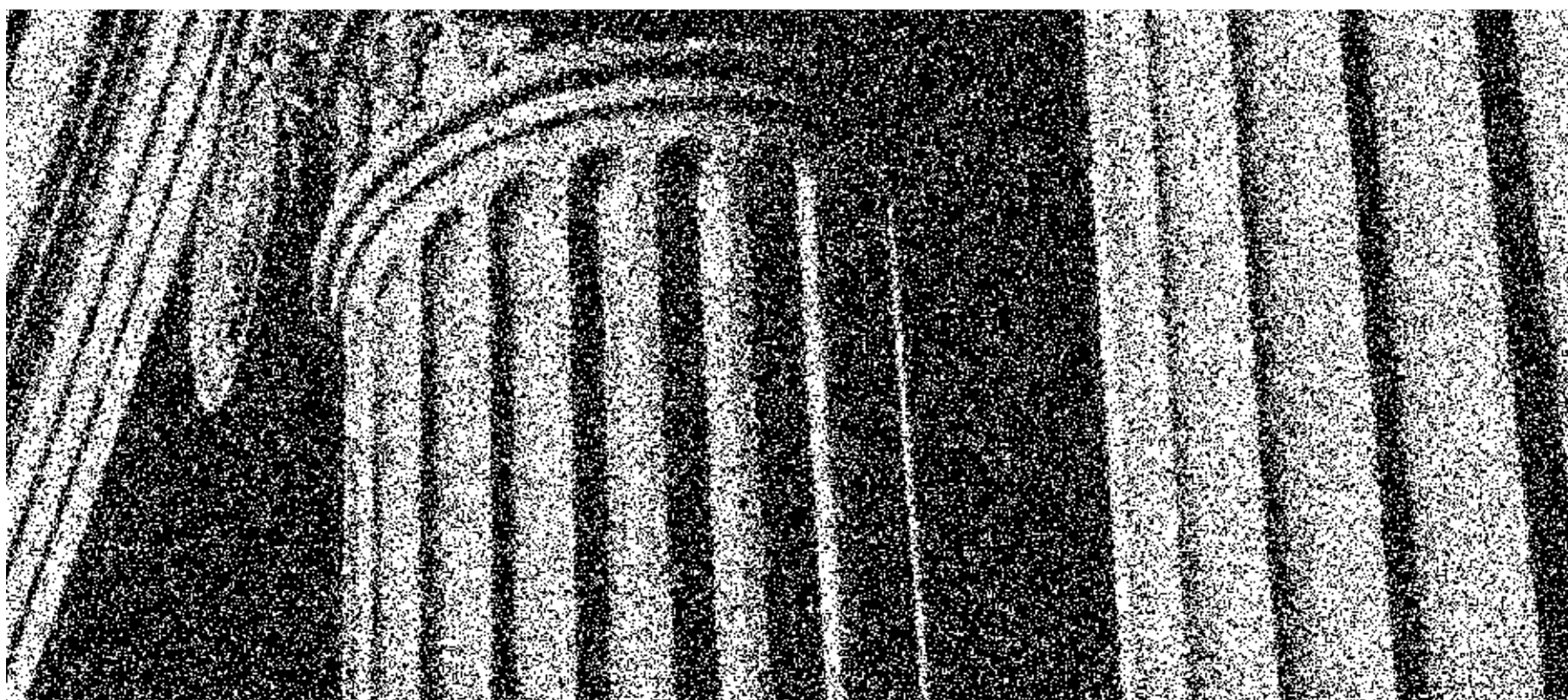
4.6 (continued/suite)

Subject/ Sujet	Total	<30	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65 +
Fine & Applied Arts/ Beaux-arts et arts appliqués										
Fine Arts/ Beaux-arts	299	-	3.0%	6.4%	12.7%	22.1%	22.1%	21.1%	11.4%	1.3%
Music/ Musique	459	0.7%	3.5%	9.4%	15.3%	19.0%	20.4%	17.1%	12.0%	2.6%
Other Performing Arts/ Autres arts d'interprétation	198	-	2.0%	6.1%	16.7%	23.7%	23.7%	17.2%	9.6%	1.0%
Other Applied Arts/ Autres arts appliqués	150	-	3.4%	7.4%	14.8%	15.4%	24.8%	20.8%	10.7%	2.7%
Total	1,195	0.3%	2.9%	7.5%	14.9%	20.6%	21.7%	18.7%	11.2%	2.1%
Health Professions & Occupations¹/ Professions de la santé¹										
Basic Sciences-Med./ Sciences médicales fondamentales	680	-	-	-	-	-	-	-	-	-
Dentistry/ Art dentaire	120	-	-	-	-	-	-	-	-	-
Dental Specialties/ Spécialités de l'art dentaire	103	-	-	-	-	-	-	-	-	-
Medical Specialization/ Spécialisations médicales	1,434	-	-	-	-	-	-	-	-	-
Medical Technology/ Technologies médicales	12	-	-	-	-	-	-	-	-	-
Medicine/ Médecine	695	-	-	-	-	-	-	-	-	-
Nursing/ Sciences infirmières	609	-	-	-	-	-	-	-	-	-
Optometry/ Optométrie	34	-	-	-	-	-	-	-	-	-
Paraclinical Sciences/ Sciences paracliniques	386	-	-	-	-	-	-	-	-	-
Pharmacy/ Pharmacologie	139	-	-	-	-	-	-	-	-	-
Public Health/ Santé publique	278	-	-	-	-	-	-	-	-	-
Rehabilitation Medicine/ Médecine physique et de réadaptation	216	-	-	-	-	-	-	-	-	-
Surgery/ Chirurgie	451	-	-	-	-	-	-	-	-	-
Other Health Occupations/ Autres professions médicales	113	-	-	-	-	-	-	-	-	-
Total	5,270	-	-	-	-	-	-	-	-	-
Humanities & Related/ Sciences humaines et disciplines connexes										
Classics, Classical & Dead Languages/ Humanités, langues classiques, langues mortes	149	1.3%	6.0%	10.1%	8.7%	14.8%	12.1%	25.5%	17.4%	4.0%
English Language & Literature/ Anglais et littérature	938	0.5%	5.9%	12.1%	12.3%	13.2%	16.6%	23.8%	13.8%	1.8%
French Language & Literature/ Français et littérature	501	-	3.6%	7.2%	16.6%	13.0%	19.6%	24.0%	14.0%	2.2%
History/ Histoire	793	0.4%	4.0%	11.0%	11.7%	12.6%	15.2%	27.8%	15.2%	2.1%
Journalism/ Journalisme	64	-	-	14.1%	9.4%	18.8%	23.4%	20.3%	10.9%	3.1%
Library Science/ Bibliothéconomie	57	-	1.8%	7.0%	14.0%	19.3%	28.1%	21.1%	7.0%	1.8%
Linguistics/ Linguistique	210	1.0%	3.3%	9.5%	12.9%	19.5%	20.0%	24.3%	8.6%	1.0%
Other Languages & Literature/ Autres langues et littératures	424	0.2%	6.4%	8.5%	10.8%	13.4%	16.3%	22.4%	19.8%	2.1%
Other Mass Media Studies/ Autres études de communication de masse	178	-	2.8%	9.0%	18.0%	18.0%	28.7%	16.9%	5.6%	1.1%
Other/ Autres	8	-	-	12.5%	-	-	50.0%	12.5%	25.0%	-
Philosophy/ Philosophie	466	1.3%	4.9%	15.2%	14.8%	9.7%	13.3%	21.9%	15.7%	3.2%
Religious Studies/ Études religieuses	208	0.5%	2.9%	9.6%	14.4%	17.8%	13.9%	18.8%	18.8%	3.4%
Theological Studies/ Théologie et théogonie	207	-	2.0%	7.8%	19.6%	21.1%	13.7%	14.2%	12.7%	8.8%
Translation & Interpretation/ Traduction et interprétation	26	-	7.7%	7.7%	7.7%	23.1%	26.9%	19.2%	3.8%	3.8%
Humanities & Related Not Specified/ Sciences humaines et disciplines connexes (non-spécifié)	125	-	8.8%	13.6%	13.6%	24.8%	16.8%	9.6%	11.2%	1.6%
Total	4,354	0.5%	4.6%	10.6%	13.4%	14.4%	16.9%	22.8%	14.3%	2.5%
Mathematics and the Physical Sciences/ Mathématique et sciences physiques										
Chemistry/ Chimie	710	1.5%	9.0%	15.6%	14.1%	11.3%	12.5%	20.1%	14.5%	1.3%
Computer Science/ Informatique	754	1.7%	10.9%	17.1%	15.8%	16.8%	19.4%	12.9%	4.8%	0.7%
Geology & Related/ Géologie et sciences connexes	348	0.3%	3.2%	17.3%	17.0%	18.2%	13.3%	17.0%	12.4%	1.4%
Mathematics/ Mathématique	1,180	1.2%	6.6%	11.6%	14.0%	11.4%	15.6%	24.5%	12.8%	2.3%
Metallurgy/ Métallurgie	30	-	-	10.0%	30.0%	16.7%	13.3%	16.7%	10.0%	3.3%

4 Faculty Professeurs

4.6 (continued/suite)

Subject/ Sujet	Total	<30	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65 +
Meteorology/ Météorologie	22	-	9.1%	4.5%	13.6%	27.3%	18.2%	13.6%	13.6%	-
Oceanography/ Océanographie	52	-	3.8%	7.7%	17.3%	21.2%	26.9%	7.7%	15.4%	-
Physics/ Physique	684	0.4%	4.4%	12.6%	15.7%	12.5%	12.3%	19.2%	19.1%	3.8%
Math & Physical Sciences Not Specified/ Mathématique et sciences physiques (non-spécifié)	69	1.5%	4.4%	23.5%	17.6%	20.6%	16.2%	7.4%	8.8%	-
Total	3,849	1.1%	7.1%	14.2%	15.2%	13.7%	15.1%	19.1%	12.6%	1.9%
Social Sciences and Related/ Sciences sociales et connexes										
Anthropology/ Anthropologie	283	-	3.2%	10.6%	8.5%	20.5%	18.7%	24.7%	12.0%	1.8%
Archeology/ Archéologie	37	-	2.7%	10.8%	5.4%	29.7%	16.2%	24.3%	8.1%	2.7%
Area Studies/ Études régionales	89	-	5.7%	10.2%	17.0%	17.0%	18.2%	9.1%	17.0%	5.7%
Canadian Studies/ Études canadiennes	37	-	2.7%	10.8%	8.1%	27.0%	24.3%	21.6%	5.4%	-
Commerce, Management, Bus. Admin./ Commerce, gestion, administration	1,873	1.2%	6.5%	13.3%	17.2%	17.9%	20.6%	15.7%	6.5%	1.2%
Criminology/ Criminologie	70	2.9%	1.4%	17.1%	8.6%	21.4%	12.9%	31.4%	4.3%	-
Demography/ Démographie	13	-	-	15.4%	7.7%	23.1%	23.1%	15.4%	7.7%	7.7%
Economics/ Économie	857	1.5%	7.8%	11.7%	16.0%	13.6%	17.6%	18.2%	11.6%	2.0%
Geography/ Géographie	493	0.6%	5.7%	9.7%	14.6%	16.0%	15.2%	24.7%	12.4%	1.0%
Law/ Droit	607	1.5%	4.6%	12.5%	15.8%	18.0%	21.4%	18.0%	6.8%	1.5%
Man and Environment Studies/ Études de l'homme et de son environnement	152	-	5.3%	11.2%	13.8%	19.1%	25.0%	16.4%	7.9%	1.3%
Political Sciences/ Science politique	626	1.0%	5.0%	12.6%	11.7%	14.2%	21.1%	24.1%	9.1%	1.3%
Psychology/ Psychologie	1,289	0.6%	6.8%	12.1%	12.3%	16.3%	19.7%	20.9%	9.2%	2.1%
Secretarial Science/ Science secrétariale	3	-	-	33.3%	66.7%	-	-	-	-	-
Social Work/ Travail social	250	0.4%	2.0%	5.2%	10.0%	26.4%	26.0%	16.4%	12.8%	0.8%
Sociology/ Sociologie	778	-	3.2%	6.6%	13.6%	15.6%	24.3%	23.6%	11.3%	1.8%
Specialized Admin. Studies/ Études administratives spécialisées	120	1.7%	6.7%	3.3%	14.2%	23.3%	24.2%	17.5%	8.3%	0.8%
Other Social Services/ Autres services sociaux	8	-	-	12.5%	12.5%	37.5%	12.5%	25.0%	-	-
Social Sciences & Related Not Specified/ Sciences sociales et connexes (non-spécifié)	133	-	6.8%	13.5%	12.0%	17.3%	21.1%	18.8%	10.5%	-
Total	7,718	0.9%	5.6%	11.3%	14.2%	17.1%	20.4%	19.7%	9.2%	1.5%
Not reported/ Non déclaré	310	2.9%	12.3%	23.9%	20.4%	17.2%	12.3%	6.8%	3.9%	0.3%
Grand total/ Total général	29,426	0.8%	5.6%	12.1%	15.6%	16.3%	18.4%	19.1%	10.5%	1.7%



4 Faculty Professeurs

4.7

Age Distribution of Full-time Faculty by Gender and Major Discipline, 1998-1999

Répartition par âge des professeurs à temps plein selon le sexe et la discipline principale, 1998-1999

Major Discipline/ Discipline	Total	<30	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65 +
Male/ Homme										
Agricultural and Biological Sciences/ Agronomie et sciences biologiques	1,559	0.2%	3.0%	11.1%	18.8%	17.2%	19.2%	19.0%	9.9%	1.5%
Education/ Éducation	1,272	0.6%	4.5%	6.9%	8.6%	16.0%	23.8%	25.8%	11.9%	2.0%
Engineering & the Applied Sciences/ Génie et sciences appliquées	2,214	1.2%	7.6%	16.6%	18.6%	14.3%	12.9%	15.2%	11.3%	2.3%
Fine & Applied Arts/ Beaux-arts et arts appliqués	761	0.4%	2.2%	6.0%	13.5%	18.1%	21.6%	21.3%	14.1%	2.8%
Health Professions & Occupations ¹ / Professions de la santé ¹	3,486	-	-	-	-	-	-	-	-	-
Humanities & Related/ Sciences humaines et disciplines connexes	2,834	0.3%	3.7%	8.5%	11.2%	12.3%	16.2%	26.3%	18.2%	3.2%
Mathematics and the Physical Sciences/ Mathématique et sciences physiques	3,408	0.9%	5.8%	13.6%	14.4%	13.3%	15.6%	20.4%	13.8%	2.0%
Social Sciences and Related/ Sciences sociales et connexes	5,532	0.7%	4.3%	9.7%	12.0%	16.0%	21.5%	22.8%	11.2%	1.9%
Not Reported/ Non déclaré	184	3.3%	12.0%	26.1%	22.8%	13.0%	13.0%	4.9%	4.3%	0.5%
Total	18,335	0.7%	4.8%	11.1%	14.0%	15.0%	18.3%	21.3%	12.6%	2.1%
Female/ Femme										
Agricultural and Biological Sciences/ Agronomie et sciences biologiques	503	1.2%	7.8%	17.1%	26.3%	19.5%	14.5%	10.0%	3.0%	0.6%
Education/ Éducation	956	1.3%	4.4%	9.4%	17.4%	18.4%	26.1%	17.7%	4.6%	0.6%
Engineering & the Applied Sciences/ Génie et sciences appliquées	226	2.2%	17.7%	24.3%	26.1%	14.2%	8.4%	4.4%	2.2%	0.4%
Fine & Applied Arts/ Beaux-arts et arts appliqués	434	0.2%	4.2%	10.0%	17.4%	25.1%	22.0%	14.2%	6.0%	0.9%
Health Professions & Occupations ¹ / Professions de la santé ¹	1,784	-	-	-	-	-	-	-	-	-
Humanities & Related/ Sciences humaines et disciplines connexes	1,520	0.8%	6.2%	14.6%	17.3%	18.2%	18.2%	16.2%	7.0%	1.3%
Mathematics and the Physical Sciences/ Mathématique et sciences physiques	441	2.5%	16.6%	19.0%	20.9%	16.6%	11.6%	9.3%	2.7%	0.9%
Social Sciences and Related/ Sciences sociales et connexes	2,186	1.3%	9.0%	15.6%	19.9%	20.0%	17.6%	11.7%	4.3%	0.6%
Not Reported/ Non déclaré	126	2.4%	12.8%	20.8%	16.8%	23.2%	11.2%	9.6%	3.2%	0.0%
Total	7,267	1.1%	7.6%	14.5%	19.6%	19.4%	18.5%	13.5%	5.0%	0.7%
Total										
Agricultural and Biological Sciences/ Agronomie et sciences biologiques	2,062	0.4%	4.2%	12.6%	20.6%	17.8%	18.1%	16.8%	8.2%	1.3%
Education/ Éducation	2,228	0.9%	4.5%	8.0%	12.4%	17.0%	24.8%	22.3%	8.8%	1.4%
Engineering & the Applied Sciences/ Génie et sciences appliquées	2,440	1.3%	8.6%	17.3%	19.3%	14.3%	12.5%	14.2%	10.4%	2.1%
Fine & Applied Arts/ Beaux-arts et arts appliqués	1,195	0.3%	2.9%	7.5%	14.9%	20.6%	21.7%	18.7%	11.2%	2.1%
Health Professions & Occupations ¹ / Professions de la santé ¹	5,270	-	-	-	-	-	-	-	-	-
Humanities & Related/ Sciences humaines et disciplines connexes	4,354	0.5%	4.6%	10.6%	13.4%	14.4%	16.9%	22.8%	14.3%	2.5%
Mathematics and the Physical Sciences/ Mathématique et sciences physiques	3,849	1.1%	7.1%	14.2%	15.2%	13.7%	15.1%	19.1%	12.6%	1.9%
Social Sciences and Related/ Sciences sociales et connexes	7,718	0.9%	5.6%	11.3%	14.2%	17.1%	20.4%	19.7%	9.2%	1.5%
Not Reported/ Non déclaré	310	2.9%	12.3%	23.9%	20.4%	17.2%	12.3%	6.8%	3.9%	0.3%
Total	29,426	0.8%	5.6%	12.1%	15.6%	16.3%	18.4%	19.1%	10.5%	1.7%

4.8

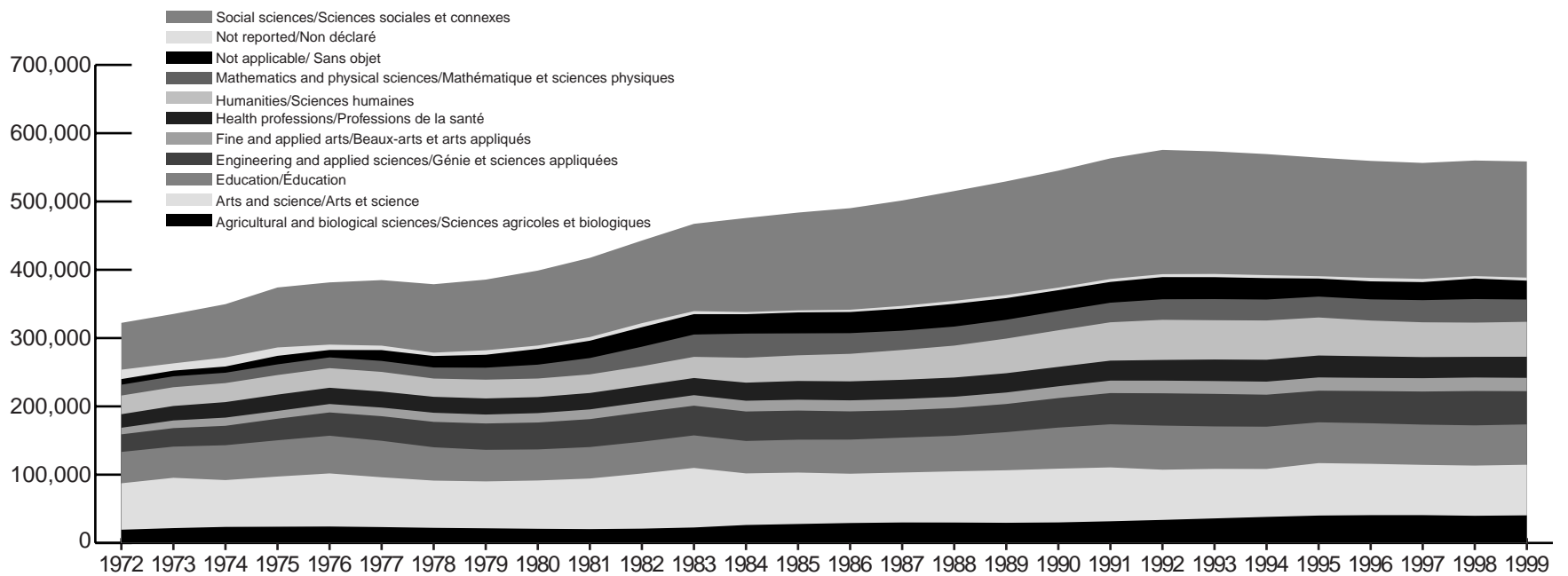
Full-time University Faculty by Type of Appointment by Gender, 2000-2001

Corps professoral universitaire à temps plein, par type de nomination et par sexe, 2000-2001

Type of appointment/ Type de nomination	NF	PE	NS ¹	NB	QC ²	ON	MB	SK	AB	BC	CANADA
Total # Tenured/ Total des titularisés	708	119	679	760	7,866	7,853	968	902	2,014	2,492	23,735
% Male/ % hommes	75.8%	73.9%	69.4%	74.1%	75.6%	74.7%	79.3%	79.0%	76.6%	76.5%	75.3%
% Female/ % femmes	24.2%	26.1%	30.6%	25.9%	24.4%	25.3%	20.7%	21.0%	23.4%	23.5%	24.7%
Total # Leading to Tenure/ Total des postes menant à la permanence d'emploi	127	53	204	259	139	1,899	283	230	669	567	4,315
% Male/ % hommes	58.3%	45.3%	45.6%	54.1%	54.7%	62.2%	55.8%	62.6%	60.7%	61.6%	59.8%
% Female/ % femmes	41.7%	54.7%	54.4%	45.9%	45.3%	37.8%	44.2%	37.4%	39.3%	38.4%	40.2%
Total - other/ Total - autre	26	20	59	131	-	1,508	251	234	269	192	2,552
% Male/ % hommes	53.8%	60.0%	52.5%	55.7%	-	59.6%	55.8%	57.3%	65.1%	49.5%	58.0%
% Female/ % femmes	46.2%	40.0%	47.5%	44.3%	-	40.4%	44.2%	42.7%	34.9%	50.5%	42.0%

5 Students Étudiants

Fig. 5.1
**FTE University Enrolment in Canada/
Effectifs universitaires ETP au Canada**



5.1 FTE University Student Enrolment, 1998-1999 Effectifs universitaires, étudiants ETP, 1998-1999

Type of Institution/ Établissements	Enrolment/ Effectifs
Medical-doctoral institutions/ Établissements de médecine	237,975
Comprehensive institutions/ Établissements polyvalents	146,316
Undergraduate institutions/ Établissements de 1 ^{er} cycle	88,333

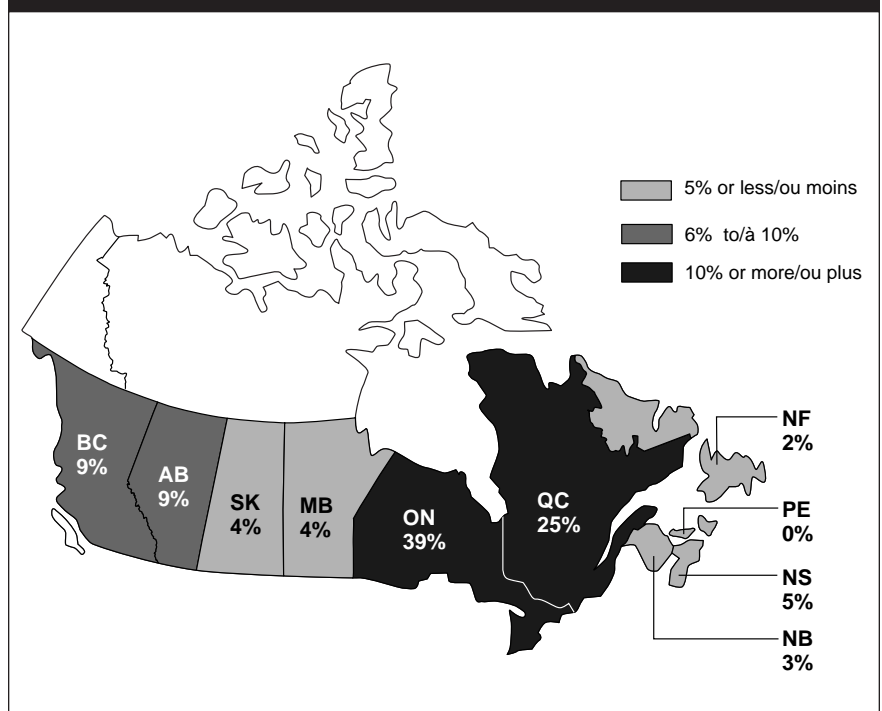
5.2 Secondary and Post-secondary Graduates Diplômés du secondaire et du postsecondaire

Level/ Grades	Graduates/ Diplômés
Secondary school graduates (1999)/ Diplômés d'écoles secondaires (1999)	316,810
Community college diplomas (1998)/ Diplômés des collèges communautaires (1998)	113,057
Undergraduate diplomas and certificates (1998)/ Diplômés et certificats universitaires du 1 ^{er} cycle (1998)	18,821
Graduate level diplomas and certificates (1998)/ Diplômés et certificats universitaires supérieurs (1998)	2,392
Bachelor's or first professional degrees (1998)/ Baccalauréat ou premier grade professionnel (1998)	124,861
Master's degrees (1998)/ Maîtrise (1998)	22,026
Earned doctorates (1998)/ Doctorat acquis (1998)	3,976

5.3 Post-Secondary FTE Enrolment, 1998-1999 Effectifs ETP du postsecondaire, 1998-1999

	NF	PE	NS	NB	QC	ON	MB	SK	AB	BC	CANADA
Community college – career program/ Collège communautaire – programme professionnel	6,107.6	1,920.4	7,132.1	5,261.9	88,839.0	145,267.6	4,809.3	2,765.4	28,504.6	23,432.6	314,683.4
Community college – university transfer program/ Collège communautaire – programme de passage à l'université	-	-	-	-	78,189.7	-	89.7	-	8,591.0	27,881.3	114,958.0
Bachelor and 1 st professional degree program/ Baccalauréats et premiers grades professionnels	8,987.4	2,459.0	26,784.9	16,650.1	103,079.4	208,445.4	16,578.7	20,665.9	47,917.4	47,362.1	498,930.4
Other undergraduate programs/ Autres programmes du 1 ^{er} cycle	3,327.4	98.3	2,535.9	1,875.1	28,164.6	10,780.0	4,515.9	3,039.9	4,263.0	2,447.7	61,047.7
Master's program/ Maîtrise	882.4	18.0	1,910.6	957.1	16,533.6	18,339.6	1,553.3	1,396.4	3,855.6	6,918.6	52,365.1
Doctoral program/ Doctorat	209.0	11.0	387.1	209.6	8,053.4	9,426.7	516.9	399.4	2,191.6	3,203.7	24,608.4
Other graduate/ Autres diplômés	450.1	2.9	469.7	47.6	6,364.1	3,838.4	533.1	332.1	1,071.9	595.7	13,705.7
Total University FTE Enrolment/ Effectifs universitaires ETP total	13,856.4	2,589.1	32,088.1	19,739.6	162,195.1	250,830.1	23,697.9	25,833.7	59,299.4	60,527.9	650,657.4
Total PSE FTE Enrolment/ Effectifs ETP postsecondaire total	19,964.0	4,509.6	39,220.3	25,001.4	329,223.9	396,097.7	28,596.9	28,599.1	96,395.0	111,841.7	1,080,298.9
% University/PSE/ % Université/Secteur postsecondaire	69.4%	57.4%	81.8%	79.0%	49.3%	63.3%	82.9%	90.3%	61.5%	54.1%	60.2%

Map/Carte 5.1
**Provincial Share of Total University FTE Enrolment, 1998-1999/
Proportion provinciale des effectifs universitaires ETP totaux,
1998-1999**



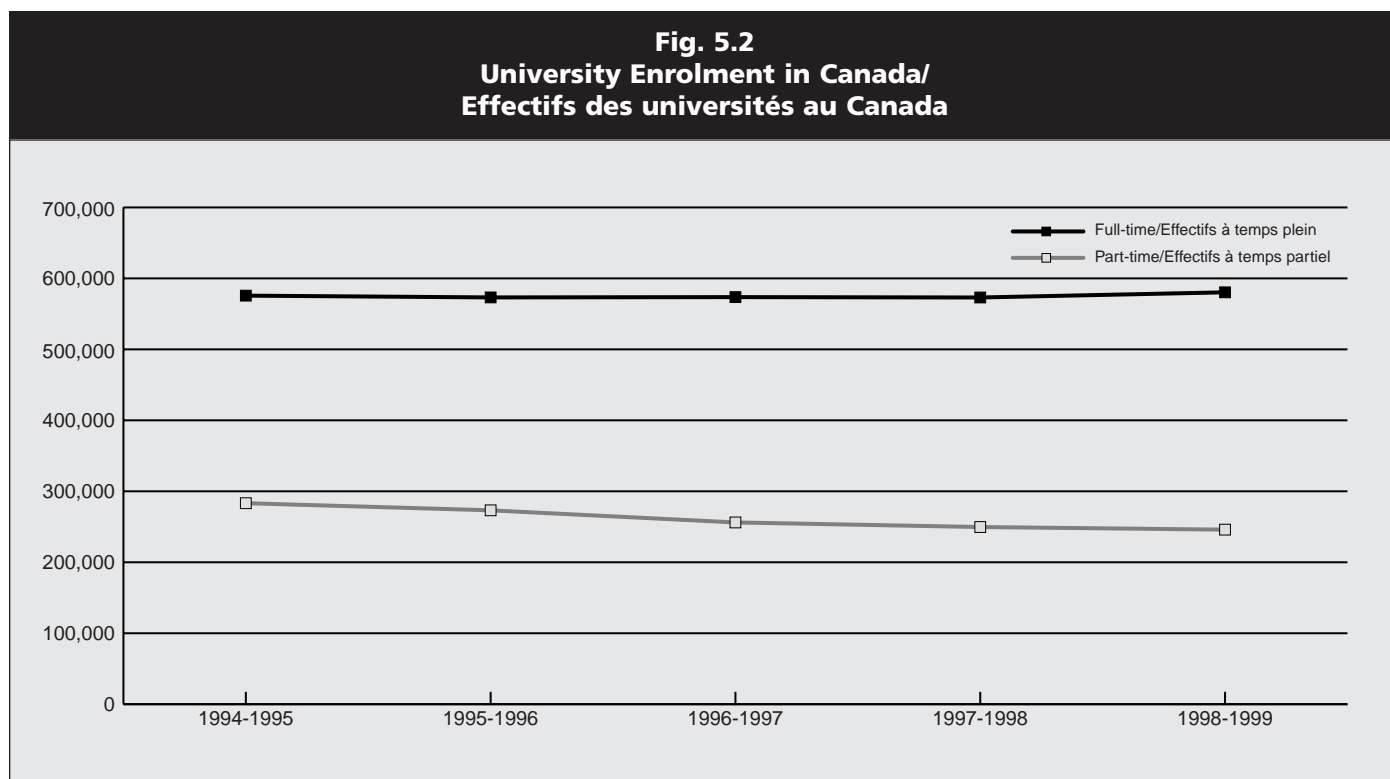
5 Students Étudiants

5.4 Post-Secondary Enrolment – Full-time and Part-time, 1991-1992 to 1999-2000 Effectifs du postsecondaire – Temps plein et temps partiel, 1991-1992 à 1999-2000

	NF	PE	NS	NB	QC	ON	MB	SK	AB	BC	CANADA
Full-time university enrolments/ Effectif universitaire – Temps plein ¹											
1999-2000	12,994	-	-	-	133,268	237,112	20,866	23,937	55,516	54,218	537,911
% Change 1991-1992 to 1999-2000 ² / Variation en % de 1991-1992 à 1999-2000 ²	0.6%	-5.3%	5.0%	2.4%	2.5%	5.1%	1.4%	6.9%	13.8%	21.9%	³
Part-time university enrolments/ Effectif universitaire – Temps partiel ¹											
1999-2000	2,783	-	-	-	97,779	75,070	9,831	7,515	26,020	24,189	243,187
% Change 1991-1992 to 1999-2000 ² / Variation en % de 1991-1992 à 1999-2000 ²	-41.4%	-56.2%	-17.0%	-25.7%	-18.3%	-31.2%	-40.8%	-20.3%	51.7%	13.8%	³
Full-time college enrolments/ Effectif collégial – Temps plein											
1998-1999	5,973	1,899	7,039	5,221	164,469	142,341	4,181	2,740	31,999	37,127	403,516
% Change 1991-1992 to 1998-1999/ Variation en % de 1991-1992 à 1998-1999	37.0%	53.1%	165.3%	74.7%	0.4%	27.8%	4.0%	-21.9%	25.7%	26.8%	15.6%
Part-time college enrolments/ Effectif collégial – Temps partiel											
1998-1999	471	75	326	143	8,959	10,243	2,513	89	17,838	49,654	91,493
% Change 1991-1992 to 1998-1999/ Variation en % de 1991-1992 à 1998-1999	161.7%	-	51.6%	197.9%	-85.3%	-17.5%	47.9%	-91.3%	6.4%	6.4%	-34.9%

5.5 University and Community College Enrolments by Gender, Full-time and Part-time - %, 1998-1999 Effectifs des universités et des collèges selon le sexe, à temps plein et à temps partiel - %, 1998-1999

	NF	PE	NS	NB	QC	ON	MB	SK	AB	BC	CANADA
Full-time university enrolments/ Effectif universitaire – Temps plein											
% Male/ % Hommes	42.3%	38.5%	42.8%	44.5%	44.2%	45.7%	44.9%	44.4%	45.4%	45.6%	45.0%
% Female/ % Femmes	57.7%	61.5%	57.2%	55.5%	55.8%	54.3%	55.1%	55.6%	54.6%	54.4%	55.0%
Total	13,115	2,470	30,027	18,529	134,162	229,985	20,883	23,656	53,510	54,039	580,376
Part-time university enrolments/ Effectif universitaire – Temps partiel											
% Male/ % Hommes	40.3%	25.7%	37.3%	33.2%	39.3%	39.9%	40.7%	37.1%	38.2%	39.9%	39.3%
% Female/ % Femmes	59.7%	74.3%	62.7%	66.8%	60.7%	60.1%	59.3%	62.9%	61.8%	60.1%	60.7%
Total	2,595	417	7,214	4,237	98,116	72,958	9,852	7,622	20,263	22,711	245,985
Full-time college enrolments/ Effectif collégial – Temps plein											
% Male/ % Hommes	58.3%	52.9%	52.2%	55.4%	44.4%	48.4%	47.5%	38.5%	42.8%	45.6%	46.3%
% Female/ % Femmes	41.7%	47.1%	47.8%	44.6%	55.6%	51.6%	52.5%	61.5%	57.2%	54.4%	53.7%
Total	5,973	1,899	7,039	5,221	164,469	142,341	4,181	2,740	31,999	37,127	403,516
Part-time college enrolments/ Effectif collégial – Temps partiel											
% Male/ % Hommes	51.6%	77.3%	29.4%	51.7%	48.6%	49.3%	40.1%	40.4%	37.6%	39.7%	41.2%
% Female/ % Femmes	48.4%	22.7%	70.6%	48.3%	51.4%	50.7%	59.9%	59.6%	62.4%	60.3%	58.8%
Total	471	75	326	143	8,959	10,243	2,513	89	17,838	49,654	91,439



5 Students Étudiants

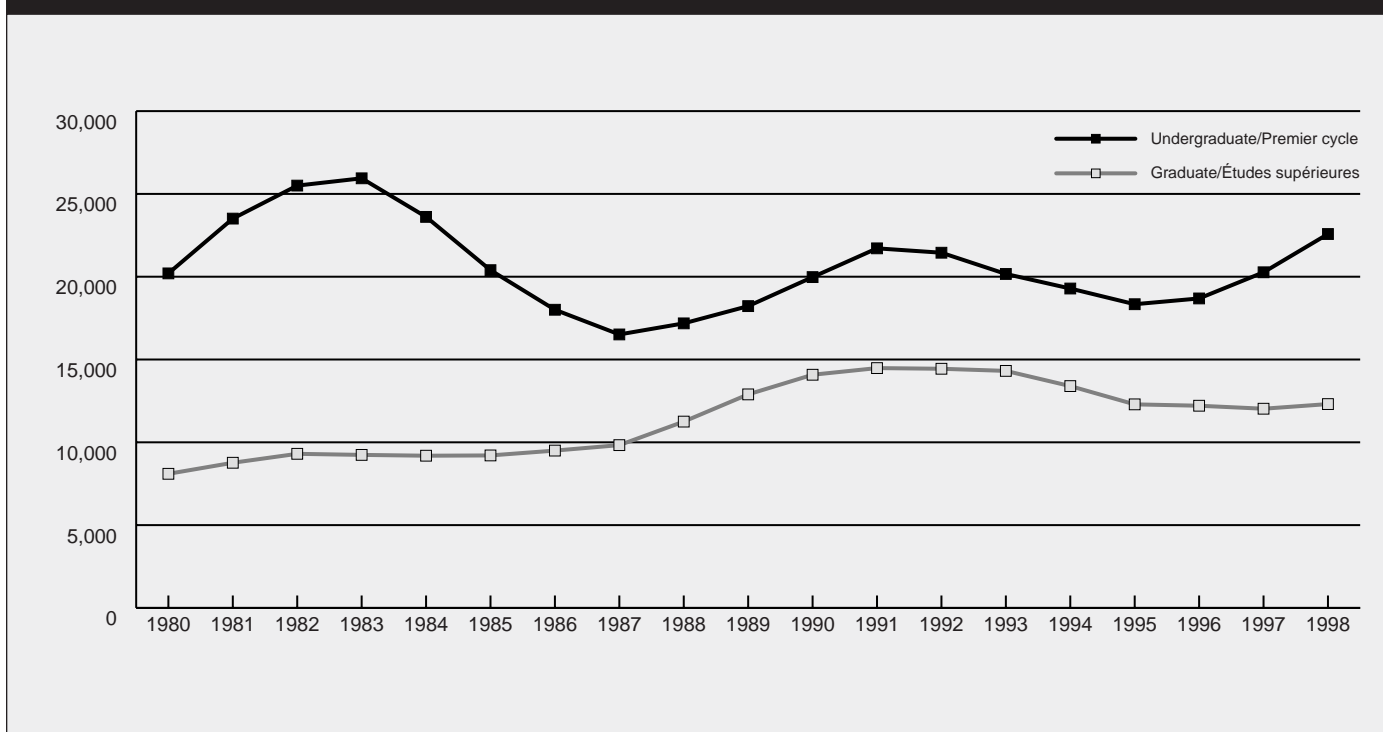
5.6

University Participation Rates for Ages 18-24 by Province, 1990-1991 to 1998-1999

Taux de participation à l'université des 18 à 24 ans, par province, 1990-1991 à 1998-1999

Year/ Année	NF	PE	NS	NB	QC	ON	MB	SK	AB	BC	CANADA
1990-1991	16.7%	16.6%	22.9%	18.4%	14.7%	17.5%	19.5%	18.1%	13.6%	10.9%	15.4%
1991-1992	17.0%	17.7%	24.7%	19.8%	15.5%	18.7%	20.7%	19.1%	13.8%	11.5%	16.8%
1992-1993	17.7%	18.6%	25.9%	21.2%	16.3%	19.3%	21.6%	19.8%	14.6%	11.4%	17.5%
1993-1994	17.9%	18.1%	26.7%	22.0%	16.6%	19.6%	21.5%	19.5%	15.0%	11.2%	17.7%
1994-1995	18.5%	17.0%	27.3%	22.3%	16.8%	19.5%	21.1%	19.4%	14.4%	11.5%	17.7%
1995-1996	17.7%	15.8%	27.7%	22.8%	16.7%	19.4%	19.8%	19.4%	15.4%	11.9%	17.7%
1996-1997	18.3%	14.9%	28.7%	22.2%	16.6%	19.4%	19.4%	19.4%	15.6%	12.4%	17.7%
1997-1998	18.5%	15.5%	29.1%	22.1%	16.4%	19.4%	18.8%	19.1%	15.5%	13.0%	17.7%
1998-1999	19.4%	15.4%	29.3%	22.3%	16.4%	19.5%	18.7%	19.1%	15.3%	13.2%	17.8%

Fig. 5.3
Full-time Foreign Student Enrolment/
Effectifs à temps plein des étudiants étrangers



5.7

Full-time Foreign Student Undergraduate and Graduate Enrolment, 1990-1991 to 1998-1999

Effectifs à temps plein des étudiants étrangers de premier cycle et diplômés, 1990-1991 à 1998-1999

Year/ Année	NF	PE	NS	NB	QC	ON	MB	SK	AB	BC	CANADA
Undergraduate/ Premier cycle¹											
1990-1991	191	0	536	279	4,481	4,403	471	540	1,354	1,765	14,080
1991-1992	272	12	493	299	4,510	4,469	482	639	1,231	2,034	14,482
1992-1993	202	0	511	310	4,691	4,533	459	552	1,215	1,916	14,441
1993-1994	215	0	471	299	4,917	4,126	481	559	1,267	1,927	14,313
1994-1995	220	0	390	244	4,931	3,515	432	518	1,105	1,981	13,395
1995-1996	230	0	319	193	4,795	3,024	326	449	947	1,962	12,292
1996-1997	211	0	296	195	4,916	2,897	263	438	944	1,982	12,209
1997-1998	206	10	282	177	4,995	2,820	257	416	941	1,864	12,028
1998-1999	213	0	330	188	5,084	2,994	242	441	932	1,797	12,309
Graduate/ Études supérieures²											
1990-1991	245	37	1,265	396	4,514	8,528	1,272	448	1,848	1,384	19,976
1991-1992	269	44	1,263	435	4,958	9,166	1,392	433	1,926	1,774	21,713
1992-1993	265	48	1,244	419	5,301	8,517	1,533	383	1,746	1,923	21,449
1993-1994	248	44	1,202	369	5,370	7,501	1,478	396	1,601	1,899	20,166
1994-1995	171	41	1,192	366	5,985	6,266	1,250	379	1,481	2,099	19,287
1995-1996	177	50	1,105	449	6,181	5,563	991	458	1,292	2,018	18,339
1996-1997	141	48	1,278	441	6,679	5,298	829	479	1,400	2,047	18,688
1997-1998	190	55	1,366	470	7,292	5,621	782	554	1,420	2,459	20,267
1998-1999	216	76	1,523	656	8,082	6,190	738	636	1,593	2,819	22,578

5 Students Étudiants

5.8 Full-time Community College Enrolments by Discipline, 1998-1999 Effectifs à temps plein des collèges communautaires par discipline, 1998-1999

	NF	PE	NS	NB	QC	ON	MB	SK	AB	BC	CANADA
Community college enrolment by major discipline and field of study/ Effectifs des collèges communautaires par discipline principale et programme d'études											
Arts	215	67	424	310	7,951	15,626	198	18	2,400	2,704	29,913
Arts	0	0	0	39	629	2,311	0	0	104	317	3,400
Commercial and Promotional Arts/ Arts commercial et publicitaire	0	38	0	0	559	2,531	97	0	82	142	3,449
Creative and Design Arts/ Arts de création et de conception	0	1	29	43	2,517	1,615	0	0	260	290	4,755
Fine Art/ Beaux-arts	15	0	0	37	993	1,621	0	3	736	977	4,382
Graphic and Audio-Visual Arts/ Graphisme et arts audio-visuels	93	28	95	111	2,610	3,921	0	15	378	381	7,632
Mass Communications/ Études de communication de masse	63	0	96	80	643	3,301	101	0	771	417	5,472
Other Applied Arts/ Autres arts appliqués	0	0	33	0	0	83	0	0	17	180	313
Personal Arts/ Services personnels	44	0	171	0	0	243	0	0	52	0	510
Arts and Sciences/ Arts et sciences	585	0	1	0	0	4,875	0	0	1,716	143	7,320
Business and Commerce/ Affaires et commerce	1,197	809	2,208	1,647	20,438	39,625	1,733	845	7,119	5,879	81,500
Business and Commerce/ Affaires et commerce	0	0	0	0	0	1,358	0	0	0	0	1,358
Management and Administration/ Gestion et administration	557	389	1,567	765	15,964	25,378	1,554	732	5,556	4,778	57,240
Merchandising and Sales/ Commerce et vente	0	42	55	138	729	5,743	47	34	413	816	8,017
Secretarial Science/ Secrétariat	523	118	158	521	3,443	4,648	0	51	1,094	184	10,740
Service Industry Technology/ Techniques relatives aux industriels de service	117	260	428	223	302	2,498	132	28	56	101	4,145
Engineering and Applied Sciences/ Génie et sciences appliquées	2,907	537	2,664	2,163	27,621	35,221	1,206	754	5,054	3,668	81,795
Chemical Technology/ Techniques chimiques	0	0	9	62	1,889	1,587	73	46	305	189	4,160
Electrical/Electronic Technology/ Techniques de l'électricité et de l'électronique	158	43	490	405	7,533	6,088	319	121	861	824	16,842
Engineering and Applied Sciences/ Génie et sciences appliquées	0	0	0	0	8,653	1,888	0	0	0	0	10,541
Engineering Technology/ Techniques de génie	1,730	238	1,488	985	0	12,256	449	300	2,166	1,210	20,822
Mathematics and Computer Science/ Mathématique et l'informatique	893	256	677	632	9,116	12,699	365	287	1,637	1,376	27,938
Transportation Technology/ Technologie des transports	126	0	0	79	430	703	0	0	85	69	1,492
Health Sciences and Related/ Sciences de la santé et disciplines connexes	193	141	474	383	9,426	12,313	265	642	1,375	2,111	27,323
Diagnostic and Treatment Medical Technology/ Diagnostique et technique de traitement médical	117	120	191	165	3,354	4,325	180	185	471	414	9,522
Health Sciences and Related/ Sciences de la santé et disciplines connexes	0	0	0	0	0	1,344	0	0	0	0	1,344
Medical Equipment and Prosthetics/ Équipements médicaux et prothèses	0	0	9	0	415	116	0	0	94	110	744
Nursing/ Sciences infirmières	76	21	274	164	4,674	5,471	59	419	438	1,392	12,988
Other Health-Related Technology/ Autres techniques de la santé	0	0	0	54	983	1,057	26	38	372	195	2,725
Humanities and Related/ Sciences humaines et disciplines connexes	35	28	40	24	753	1,965	26	24	335	179	3,409
Humanities and Related/ Sciences humaines et disciplines connexes	0	0	0	0	0	202	0	0	0	0	202
Journalism/ Journalisme	35	28	0	24	0	1,263	0	0	253	101	1,704
Languages/ Linguistique	0	0	0	0	485	122	0	0	0	0	607
Library Science/ Bibliothéconomie	0	0	40	0	268	378	26	24	82	57	875
Other Humanities and Related/ Autres sciences humaines et disciplines connexes	0	0	0	0	0	0	0	0	0	21	21
Religion and Theology/ Études religieuses et théologie	0	0	0	0	0	0	0	0	0	0	0
Natural Sciences and Primary Industries/ Sciences naturelles et industries primaires	545	38	274	286	6,202	5,056	242	163	2,188	1,173	16,167
Environmental and Conservation Technology/ Environnement et protection de l'environnement	235	38	134	91	2,260	1,835	86	122	546	642	5,989
Natural Sciences/ Sciences naturelles	0	0	41	52	2,389	1,970	156	41	1,165	224	6,038
Natural Sciences and Primary Industries/ Sciences naturelles et industries primaires	0	0	0	0	0	0	0	0	0	0	0
Primary Industries/ Industries primaires	219	0	45	72	1,113	950	0	0	477	280	3,156
Resource Processing Technology/ Techniques de transformation des ressources	91	0	54	71	440	301	0	0	0	27	984
Social Sciences and Services/ Sciences sociales et services sociaux	171	202	341	178	10,834	17,606	119	163	2,289	1,395	33,298
Educational and Counselling Services/ Services pédagogiques et services d'orientation	90	49	175	0	3,598	4,642	43	122	564	368	9,651

5 Students Étudiants

5.8 (continued/suite)

	NF	PE	NS	NB	QC	ON	MB	SK	AB	BC	CANADA
Personal Development/ Développement personnel	0	0	0	0	224	212	0	0	0	7	443
Protection and Correctional Services/ Services de protection et services correctionnels	15	153	100	131	4,383	7,620	0	41	1,131	666	14,240
Recreation and Sports/ Loisirs et sports	66	0	66	47	2,480	4,111	56	0	594	325	7,745
Social Sciences/ Sciences sociales	0	0	0	0	149	1,021	20	0	0	29	1,219
Social Sciences and Services/ Sciences sociales et services sociaux	0	0	0	0	0	1,579	0	0	0	0	1,579
Social Services/ Services sociaux	125	69	493	230	4,280	8,312	306	131	1,079	343	15,368

5.9

FTE University Undergraduate Enrolments by Discipline, 1998-1999

Effectifs universitaires ETP, au premier cycle, selon la discipline, 1998-1999

	NF	PE	NS	NB	QC	ON	MB	SK	AB	BC	CANADA
Undergraduate enrolment by major discipline and field of study/ Effectif au premier cycle selon la discipline et le domaine d'études principal											
Agricultural and Biological Sciences/ Sciences agricoles et biologiques	744.3	498.7	2,143.4	982.9	7,024.9	16,935.3	1,509.9	2,185.0	3,707.0	4,095.0	39,826.3
Agriculture/ Agriculture	0.0	0.0	523.0	6.0	1,005.0	1,137.9	586.7	861.4	266.6	361.6	4,748.1
Biochemistry/ Biochimie	229.0	0.0	74.0	215.0	1,409.9	2,060.0	90.6	146.3	402.0	560.0	5,186.7
Biology/ Biologie	514.4	230.4	1,027.4	604.4	3,597.0	11,275.6	357.7	796.4	2,575.7	2,650.4	23,629.6
Biophysics/ Biophysique	0.0	0.0	0.0	0.0	11.0	26.0	0.0	0.0	0.0	0.0	37.0
Botany/ Botanique	0.0	0.0	0.0	0.0	0.0	41.7	38.1	0.0	7.0	8.0	94.9
Fisheries and Wildlife Management/ Gestion des pêches et de la faune	0.0	0.0	0.0	0.0	0.0	108.4	0.0	0.0	0.0	102.4	210.9
Household Science/ Économique domestique	0.0	33.0	416.9	125.0	708.0	1,148.1	298.6	79.0	308.7	392.0	3,509.3
Toxicology/ Toxicologie	0.0	0.0	0.0	0.0	0.0	145.3	0.0	0.0	0.0	13.0	158.3
Veterinary Medicine/ Médecine vétérinaire	0.0	222.0	0.0	0.0	290.0	399.0	0.0	279.0	0.0	0.0	1,190.0
Veterinary Medicine Specialties/ Spécialités de la médecine vétérinaire	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Veterinary Science/ Science vétérinaire	0.0	11.0	0.0	0.0	0.0	0.0	0.0	18.0	72.0	0.0	101.0
Zoology/ Zoologie	0.0	0.0	101.0	25.0	0.0	588.4	137.3	0.0	70.1	0.0	921.9
Arts and Science/ Arts et science	4,768.4	674.3	7,687.1	4,064.6	4,796.3	25,133.9	2,279.4	971.1	9,580.0	13,526.7	73,481.9
Arts and Sciences/ Arts et sciences	4,767.4	8.0	6.0	77.0	12.9	9,363.6	0.0	6.6	2,946.3	1,968.6	19,156.3
Arts (Discipline Unknown)/ Arts (discipline inconnue)	0.0	433.7	5,418.0	2,912.1	830.0	10,486.3	919.4	826.0	3,128.9	7,944.6	32,899.0
Interdisciplinary/ Interdisciplinaire	0.0	0.0	2.0	209.6	3,190.6	104.1	34.4	20.0	30.0	6.3	3,597.0
Science (Discipline Unknown)/ Science (discipline inconnue)	0.0	229.3	2,260.9	865.3	762.9	5,179.9	1,324.6	117.6	3,473.9	3,601.7	17,815.9
Education/ Éducation	829.6	175.9	1,803.9	1,774.7	20,531.4	18,676.4	2,279.1	3,183.3	5,518.1	4,116.0	58,888.4
Elementary and Secondary/ Élémentaire et secondaire	399.0	123.4	693.0	510.6	16,317.4	7,800.4	1,991.4	2,426.3	3,774.4	2,085.3	36,121.3
Higher Education/ Enseignement supérieur	6.0	0.0	0.0	0.0	261.7	0.0	0.0	0.0	0.0	0.0	267.7
Human Kinetics/ Sciences de l'activité physique	0.0	0.0	270.7	0.0	0.0	3,997.0	0.0	138.3	0.0	1,210.1	5,616.1
Non-teaching Fields/ Domaine parascolaire	8.9	13.1	11.1	584.9	1,415.9	33.1	0.0	0.0	68.7	227.4	2,363.1
Nursery and Kindergarten/ Prématernelle et maternelle	199.6	33.0	0.0	1.4	204.7	418.1	0.0	0.0	34.0	363.1	1,254.0
Physical Education/ Éducation physique	120.7	0.0	601.0	594.0	1,318.9	4,669.4	181.4	488.0	1,419.4	51.0	9,443.9
Recreology and Recreation Administration/ Récréologie et administration des loisirs	88.0	0.0	221.4	77.0	1,012.9	1,754.3	104.3	129.3	218.0	175.9	3,781.0
Engineering and Applied Sciences/ Génie et sciences appliquées	1,132.1	93.0	1,634.9	2,140.1	13,276.9	20,247.4	1,081.1	1,953.7	4,824.7	3,930.7	50,314.7
Aeronautical and Aerospace Engineering/ Génie aéronautique et aérospatial	0.0	0.0	0.0	0.0	70.7	489.4	0.0	0.0	0.0	0.0	560.1
Architecture/ Architecture	0.0	0.0	154.0	0.0	940.7	1,334.6	0.0	0.0	0.0	1.0	2,430.3
Chemical Engineering/ Génie chimique	0.0	0.0	67.0	147.0	690.3	1,481.4	0.0	107.0	540.7	123.3	3,156.7
Civil Engineering/ Génie civil	77.0	0.0	84.0	321.9	1,121.4	1,675.4	147.1	168.4	480.0	318.6	4,393.9
Design and Systems Engineering/ Génie systémique et de la conception	0.0	0.0	0.0	0.0	0.0	377.0	0.0	0.0	0.0	1.4	378.4
Electrical Engineering/ Génie électrique	182.0	0.0	147.0	464.3	2,613.6	3,981.1	169.9	485.3	696.7	648.7	9,388.6
Engineering Science/ Sciences du génie	0.0	0.0	0.0	0.0	0.0	882.7	0.0	58.0	25.0	363.3	1,329.0
General Engineering/ Génie général	407.1	91.0	684.4	20.0	0.0	2,227.1	182.0	17.0	1,219.3	459.1	5,307.1

5 Students Étudiants

5.9 (continued/suite)

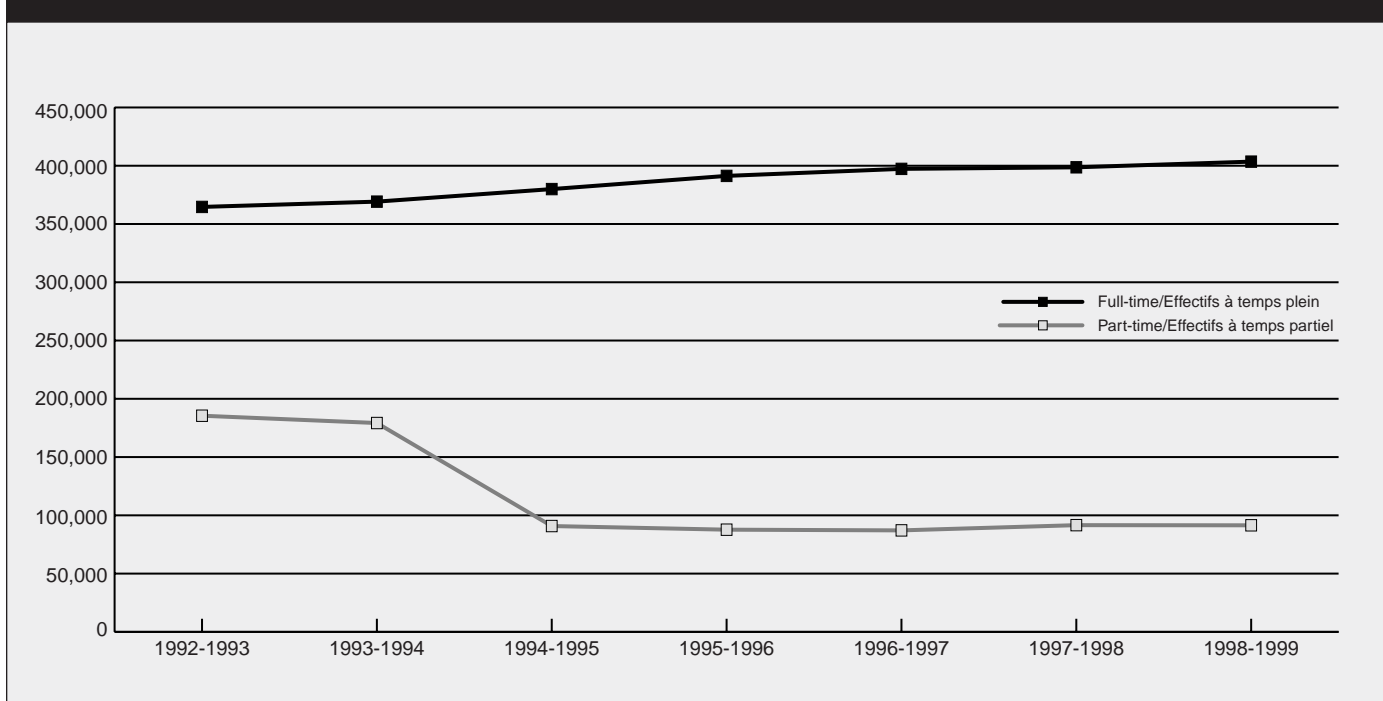
	NF	PE	NS	NB	QC	ON	MB	SK	AB	BC	CANADA
Forestry/ Sciences forestières	52.0	0.0	0.0	670.3	331.1	243.4	0.0	0.0	220.0	837.4	2,354.3
Industrial Engineering/ Génie industriel	0.0	0.0	100.0	27.0	921.4	393.0	26.4	200.7	0.0	0.0	1,668.6
Landscape Architecture/ Architecture paysagiste	0.0	0.0	0.0	0.0	102.7	159.4	0.0	0.0	0.0	33.0	295.1
Mechanical Engineering/ Génie mécanique	158.0	0.0	150.0	345.9	2,822.6	3,137.6	293.3	245.9	819.3	610.3	8,582.7
Metallurgical Engineering/ Génie métallurgique	0.0	0.0	29.0	0.0	224.9	187.0	0.0	0.0	6.0	113.3	560.1
Mining Engineering/ Génie minier	0.0	0.0	63.0	0.0	123.0	172.3	0.0	0.0	57.0	68.4	483.7
Other Engineering/ Autres disciplines du génie	254.0	0.0	153.6	140.1	3,309.9	3,503.3	262.4	666.6	754.9	341.9	9,386.6
Fine and Applied Arts/ Beaux-arts et arts appliqués	295.3	44.0	1,050.4	308.6	5,043.7	8,453.6	716.7	632.7	1,775.7	1,448.3	19,769.0
Applied Arts/ Arts appliqués	0.0	0.0	94.4	119.4	900.1	1,982.1	107.0	142.6	138.1	0.0	3,483.9
Fine Art/ Beaux-arts	79.0	0.0	497.0	1.0	2,021.4	2,723.9	290.7	279.6	645.9	739.4	7,277.9
Music/ Musique	144.0	44.0	227.3	153.0	1,454.3	2,067.4	264.1	104.7	545.3	506.3	5,510.4
Other Performing Arts/ Autres arts d'interprétation	70.0	0.0	230.0	28.0	667.9	1,680.1	53.7	104.7	445.6	202.3	3,482.3
Health Professions and Occupations/ Professions de la santé	808.4	103.0	1,860.9	1,079.0	8,770.3	8,798.7	1,403.3	1,265.1	3,868.6	2,282.1	30,239.4
Basic Medical Sciences/ Sciences médicales fondamentales	1.4	0.0	1.4	0.0	479.7	149.1	0.0	0.0	174.0	186.4	992.1
Dental Specialties/ Spécialités de l'art dentaire	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	0.0	0.0	17.0
Dentistry/ Art dentaire	0.0	0.0	146.0	0.0	621.0	525.0	94.0	108.0	128.0	171.0	1,793.0
Medical Specializations/ Spécialisations médicales	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43.0	0.0	43.0
Medical Technology/ Technologies médicales	0.0	0.0	4.0	7.3	0.0	0.0	0.0	0.0	45.0	39.1	95.4
Medicine/ Médecine	0.0	0.0	350.0	0.0	2,023.7	2,131.7	290.0	223.0	680.3	477.0	6,175.7
Nursing/ Sciences infirmières	689.1	103.0	734.0	881.0	2,008.6	3,178.0	585.7	370.0	1,804.3	657.6	11,011.3
Optometry/ Optométrie	0.0	0.0	0.0	0.0	160.0	238.0	0.0	20.0	0.0	0.0	418.0
Other Health Occupations/ Autres professions médicales	0.0	0.0	75.0	180.4	565.9	40.3	50.0	77.0	79.0	2.0	1,069.6
Paraclinical Sciences/ Sciences paracliniques	0.0	0.0	0.0	10.0	0.0	71.0	0.0	0.0	0.0	0.0	81.0
Pharmacy/ Pharmacologie	115.0	0.0	258.0	0.0	896.4	519.0	189.0	320.0	419.0	529.0	3,245.4
Public Health/ Santé publique	0.0	0.0	0.0	0.0	691.7	603.0	10.9	0.0	0.0	0.0	1,305.6
Rehabilitation Medicine/ Médecine physique et de réadaptation	0.0	0.0	285.0	0.0	1,323.3	1,336.1	181.0	127.0	490.4	216.0	3,958.9
Surgery and Specialties/ Chirurgie et spécialités	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Humanities and Related/ Sciences humaines et disciplines connexes	585.1	187.0	2,005.0	1,029.7	13,619.3	23,524.1	858.3	1,415.3	3,116.0	3,785.6	50,125.4
Classics, Classical and Dead Languages/ Humanités, langues classiques et langues mortes	17.0	0.0	43.0	10.0	188.4	450.1	23.0	5.0	78.3	30.7	845.6
English/ Anglais	255.0	81.0	636.0	271.0	1,850.0	7,182.0	207.1	436.4	1,248.7	1,154.1	13,321.4
French/ Français	79.0	10.0	140.6	112.6	2,665.7	1,749.3	46.3	62.3	170.3	124.3	5,160.3
History/ Histoire	109.3	75.4	466.0	182.0	1,942.9	4,498.6	175.0	200.4	656.4	804.9	9,110.9
Journalism/ Journalisme	0.0	0.0	128.0	57.0	5.0	1,034.6	0.0	139.0	0.0	0.0	1,363.6
Library Science/ Bibliothéconomie	0.0	2.0	0.0	0.0	123.7	15.3	0.0	0.0	0.0	0.0	141.0
Linguistics/ Linguistique	33.0	0.0	0.0	0.0	364.1	697.7	26.9	20.0	140.7	199.4	1,481.9
Other Languages and Literatures/ Autres langues et littératures	18.0	0.0	48.7	7.0	757.3	1,595.7	9.0	34.0	157.0	130.1	2,756.9
Other Mass Communications Studies/ Autres études de communication de masse	0.0	0.0	272.1	108.0	3,474.1	2,684.0	32.4	0.0	48.9	616.6	7,236.1
Philosophy/ Philosophie	40.0	9.0	117.6	33.0	724.1	1,503.3	76.3	44.9	193.7	164.7	2,906.6
Records Science/ Sciences des archives	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.1	9.1
Religious Studies/ Études religieuses	30.0	0.0	38.9	192.3	678.6	945.9	112.0	214.3	296.7	70.0	2,578.6
Theology, Divinity/ Théologie et théogonie	0.0	0.0	107.0	0.0	0.0	881.1	129.3	246.6	123.9	478.4	1,966.3
Translation and Interpretation/ Traduction et interprétation	0.0	0.0	0.0	45.0	844.0	283.3	13.0	0.0	0.0	1.4	1,186.7
Mathematics and Physical Sciences/ Mathématique et sciences physiques	647.0	102.0	1,617.4	1,269.9	7,632.4	15,126.7	761.4	1,251.3	2,877.4	3,177.6	34,463.1
Chemistry/ Chimie	94.0	46.0	241.0	127.0	827.6	1,391.0	52.9	140.7	514.9	495.9	3,930.9
Computer Science/ Informatique	254.0	33.0	871.0	989.3	4,983.1	8,395.3	433.9	813.3	1,088.6	1,892.7	19,754.1
Geology and Related/ Géologie et sciences connexes	156.4	0.0	163.7	28.0	256.6	513.9	74.6	167.6	392.7	186.1	1,939.6

5 Students Étudiants

5.9 (continued/suite)

	NF	PE	NS	NB	QC	ON	MB	SK	AB	BC	CANADA
Mathematics/ Mathématique	111.0	13.0	232.9	48.0	1,075.4	3,831.3	155.7	80.4	634.7	307.3	6,489.7
Metallurgy/ Métallurgie	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	5.0
Meteorology/ Météorologie	0.0	0.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0	17.0
Oceanography/ Océanographie	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	18.0	21.1
Physics/ Physique	28.4	9.0	106.7	75.0	465.4	986.0	43.3	47.0	240.0	274.4	2,275.3
Social Sciences and Related/ Sciences sociales et connexes	2,220.6	677.1	8,635.3	4,878.7	41,702.0	75,545.3	3,981.6	7,022.0	12,889.7	11,675.3	169,227.6
Anthropology/ Anthropologie	123.0	6.0	62.7	42.0	1,095.3	1,614.4	95.4	162.0	433.1	257.4	3,891.4
Archaeology/ Archéologie	0.0	0.0	0.0	0.0	0.0	201.6	0.0	5.0	99.7	112.0	418.3
Area Studies/ Études régionales	21.0	0.0	207.4	39.0	255.7	767.1	16.4	0.0	105.6	197.7	1,610.0
Canadian Studies/ Études canadiennes	0.0	0.0	12.0	23.0	0.0	359.4	60.7	187.4	273.4	59.3	975.3
Commerce, Management, Bus. Admin./ Commerce, gestion, administration	912.1	462.3	4,822.7	2,716.3	21,968.3	23,916.1	1,261.3	3,181.6	4,684.6	4,492.9	68,418.1
Criminology/ Criminologie	0.0	0.0	0.0	154.6	422.4	1,827.4	215.6	222.9	69.7	300.4	3,213.0
Demography/ Démographie	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Economics/ Économie	50.7	10.0	197.7	54.0	1,758.6	5,944.0	168.0	239.0	737.3	586.4	9,745.7
Geography/ Géographie	129.1	0.0	53.0	67.0	1,083.4	3,299.7	121.7	147.0	254.7	847.6	6,003.3
Law/ Droit	0.0	0.0	470.3	348.0	3,456.4	4,665.1	270.4	335.0	691.0	873.7	11,110.0
Man and Environmental Studies/ Études de l'homme et de son environnement	0.0	0.0	129.0	0.0	385.4	3,133.7	184.9	155.6	681.4	347.9	5,017.9
Military Studies/ Études militaires	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Social Services/ Autres services sociaux	0.0	0.0	0.0	0.0	997.1	140.9	0.0	0.0	0.0	275.9	1,413.9
Political Science/ Science politique	112.4	28.0	299.4	98.0	2,306.9	5,300.6	187.4	271.9	792.1	700.6	10,097.3
Psychology/ Psychologie	429.1	101.9	1,410.1	574.1	4,387.7	12,916.9	745.1	1,042.0	2,691.3	1,749.0	26,047.3
Secretarial Science/ Science secrétariale	0.0	0.0	0.0	65.9	0.0	0.0	0.0	0.0	0.0	0.0	65.9
Social Sciences N.E.C./ Sciences sociales	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Social Work and Welfare/ Travail social et aide sociale	126.1	0.0	107.3	406.3	1,792.1	2,027.3	395.4	536.4	321.6	377.0	6,089.6
Sociology/ Sociologie	308.9	47.0	685.0	277.4	1,246.0	7,887.0	258.3	507.3	995.1	368.7	12,580.7
Specialized Admin. Studies/ Études administratives spécialisées	0.0	7.7	168.3	3.0	541.3	1,543.1	0.0	24.0	52.7	128.9	2,469.0

Fig. 5.4
Community College Enrolment in Canada/
Effectifs des collèges communautaires au Canada



5 Students Étudiants

5.10 FTE Graduate Enrolments, by Discipline and Gender, 1998-1999 Effectifs ETP des diplômés, selon la discipline et le sexe, 1998-1999

	NF	PE	NS	NB	QC	ON	MB	SK	AB	BC	CANADA
Agriculture and biological sciences/ Sciences agricoles et biologiques											
% Male/% d'hommes	55.0%	42.6%	50.6%	53.0%	50.0%	48.8%	40.4%	56.0%	44.3%	48.9%	49.4%
% Female/% de femmes	45.0%	57.4%	49.4%	47.0%	50.0%	51.2%	59.6%	44.0%	55.7%	51.1%	50.6%
Total	136.0	31.9	189.9	119.1	1,825.3	1,810.6	262.3	379.0	255.0	830.7	5,839.7
Education/ Éducation											
% Male/% d'hommes	36.2%	-	22.3%	28.5%	30.2%	29.5%	30.2%	35.4%	32.5%	32.5%	30.7%
% Female/% de femmes	63.8%	-	77.7%	71.5%	69.8%	70.5%	69.8%	64.6%	67.5%	67.5%	69.3%
Total	144.4	0.0	358.0	185.0	2,649.0	2,480.9	159.6	340.1	1,187.0	2,013.3	9,517.3
Engineering and applied sciences/ Génie et sciences appliquées											
% Male/% d'hommes	86.5%	-	80.3%	76.3%	68.5%	78.3%	73.1%	84.1%	78.5%	72.3%	77.2%
% Female/% de femmes	13.5%	-	19.7%	23.7%	22.7%	21.7%	26.9%	15.9%	21.5%	27.7%	22.8%
Total	85.6	0.0	188.1	216.6	2,884.1	3,132.7	406.4	237.9	812.1	1,239.0	9,202.6
Fine and applied arts/ Beaux-arts et arts appliqués											
% Male/% d'hommes	-	-	62.4%	-	39.4%	36.4%	0.0%	34.8%	46.0%	37.6%	38.9%
% Female/% de femmes	-	-	37.6%	-	60.6%	63.6%	100.0%	65.2%	54.0%	62.4%	61.1%
Total	0.0	0.0	13.3	0.0	737.7	557.9	5.9	19.7	185.0	257.1	1,776.6
Health professions/ Professions de la santé											
% Male/% d'hommes	48.1%	-	46.2%	1.4%	45.5%	51.1%	57.8%	55.2%	49.3%	5.4%	48.9%
% Female/% de femmes	51.9%	-	53.8%	98.6%	54.5%	48.9%	42.2%	44.8%	50.7%	52.7%	51.1%
Total	553.4	0.0	613.1	20.1	5,191.6	6,238.9	687.1	288.1	1,688.0	1,222.0	16,502.4
Humanities/ Humanités											
% Male/% d'hommes	38.5%	-	37.4%	54.0%	43.6%	45.2%	47.9%	52.5%	38.5%	44.7%	44.3%
% Female/% de femmes	61.5%	-	62.6%	46.0%	56.4%	54.8%	52.1%	47.5%	61.5%	55.3%	55.7%
Total	110.1	0.0	208.3	141.6	3,959.9	4,142.1	211.9	182.3	470.9	1,260.7	10,687.7
Mathematics and physical sciences/ Mathématique et sciences physiques											
% Male/% d'hommes	64.6%	-	64.8%	74.0%	72.2%	71.1%	68.1%	78.8%	69.6%	72.4%	71.3%
% Female/% de femmes	33.9%	-	35.2%	26.0%	27.8%	28.9%	31.9%	21.2%	30.4%	27.6%	28.7%
Total	136.6	0.0	259.1	131.7	2,077.1	2,746.0	146.3	210.3	690.7	973.4	7,371.3
Social sciences/ Sciences sociales											
% Male/% d'hommes	40.5%	-	50.0%	39.5%	49.1%	50.7%	47.1%	60.3%	50.6%	47.4%	49.3%
% Female/% de femmes	59.5%	-	50.0%	60.5%	50.9%	49.3%	52.9%	68.7%	49.4%	52.3%	50.7%
Total	347.0	0.0	885.4	375.9	9,863.3	10,252.4	598.0	338.4	1,471.4	2,594.0	26,815.3
Arts and sciences general/ Arts et sciences en général											
% Male/% d'hommes	12.4%	-	29.2%	-	36.4%	49.4%	29.4%	62.2%	51.4%	43.1%	41.4%
% Female/% de femmes	87.6%	-	70.8%	-	63.6%	50.6%	70.6%	37.8%	48.6%	56.9%	58.6%
Total	26.4	0.0	10.3	0.0	356.6	61.0	53.0	5.3	220.1	309.4	1,042.1
Total											
% Male/% d'hommes	48.2%	42.6%	47.9%	50.8%	50.0%	52.5%	53.0%	55.4%	51.0%	49.2%	51.0%
% Female/% de femmes	51.8%	57.4%	52.1%	49.2%	50.0%	47.5%	47.0%	44.6%	49.0%	50.8%	49.0%
Total	1,541.6	31.9	2,767.4	1,214.3	30,951.1	31,604.7	2,603.3	2,128.0	7,119.0	10,718.0	90,679.3

5.11 FTE Master's and Ph.D. Enrolments, by Major Discipline, Field of Study and Gender, Canada, 1998-1999 Effectifs ETP à la maîtrise et au doctorat, par discipline principale et programme d'études et selon le sexe, Canada, 1998-1999

Major Discipline/ Discipline principale	Field of Study/ Programme d'études	Master's Enrolments/ Effectifs à la maîtrise			Ph.D. Enrolments/ Effectifs au doctorat			
		Total	% Male/ % d'hommes	% Female/ % de femmes	Total	% Male/ % d'hommes	% Female/ % de femmes	
Agricultural and biological sciences/ Agronomie et sciences biologiques	Agriculture (excluding primary industries)/ Agriculture (sauf les industries primaires)	698.6	43.8%	56.2%	477.7	64.0%	36.0%	
	Biochemistry/ Biochimie	292.3	49.7%	50.3%	309.1	59.8%	40.2%	
	Biology/ Biologie	1,483.4	47.8%	52.2%	1,032.7	59.3%	40.7%	
	Biophysics/ Biophysique	16.9	45.0%	55.0%	10.1	64.8%	35.2%	
	Botany/ Botanique	81.0	39.4%	60.6%	85.0	56.5%	43.5%	
	Fisheries and wildlife management/ Gestion des pêches et de la faune	34.0	49.7%	50.3%	0.0	-	-	
	Household science/ Économie domestique	378.4	18.0%	82.0%	109.9	33.9%	66.1%	
	Toxicology/ Toxicologie	14.3	51.0%	49.0%	3.0	100.0%	0.0%	
	Veterinary medicine/ Médecine vétérinaire	44.0	39.5%	60.5%	9.3	86.2%	13.8%	
	Veterinary medicine specialties/ Spécialités de la médecine vétérinaire	7.0	71.4%	28.6%	5.0	40.0%	60.0%	
	Veterinary science/ Science vétérinaire	111.3	33.8%	66.2%	105.6	54.0%	46.0%	
	Zoology/ Zoologie	268.4	47.3%	52.8%	181.1	59.0%	41.0%	
	Total	3,429.6	43.1%	56.9%	2,328.6	58.9%	41.1%	
	Arts and sciences/ Arts et science	Arts and sciences/ Arts et sciences	77.3	51.9%	48.0%	1.0	100.0%	0.0%
		Arts-discipline not known/ Arts (discipline inconnue)	47.9	31.1%	68.9%	0.0	-	-
Interdisciplinary/ Interdisciplinaire		342.3	34.2%	65.8%	282.1	42.0%	58.0%	

5 Students Étudiants

5.11 (continued/suite)

Major Discipline/ Discipline principale	Field of Study/ Programme d'études	Master's Enrolments/ Effectifs à la maîtrise			Ph.D. Enrolments/ Effectifs au doctorat		
		Total	% Male/ % d'hommes	% Female/ % de femmes	Total	% Male/ % d'hommes	% Female/ % de femmes
	Science-discipline not known/ Science (discipline inconnue)	107.4	43.4%	56.7%	138.0	56.1%	43.9%
	Total	574.9	38.0%	62.0%	421.1	46.8%	53.2%
Education/ Éducation	Elementary-secondary teacher training/ Enseignement élémentaire et secondaire	1,785.9	27.2%	72.8%	707.3	33.1%	66.9%
	Higher education/ Enseignement supérieur	324.9	28.9%	71.1%	36.1	23.3%	76.7%
	Human kinetics/ Sciences de l'activité physique	162.3	54.6%	45.4%	94.0	59.0%	41.0%
	Non-teaching fields/ Domaine parascolaire	3,513.4	27.9%	72.1%	1,571.0	31.4%	68.6%
	Nursery and kindergarten education/ Prémamanuelle et maternelle	114.1	8.4%	91.7%	1.0	0.0%	100.0%
	Physical education/ Éducation physique	503.4	51.0%	49.0%	100.6	61.1%	38.9%
	Recreationology, recreation administration/ Récréologie et administration des loisirs	69.9	27.8%	72.1%	7.3	17.6%	82.4%
	Total	6,473.9	29.9%	70.1%	2,517.3	33.9%	66.1%
Engineering and applied sciences/ Génie et sciences appliquées	Aeronautical and aerospace engineering/ Génie aéronautique et aérospatial	89.1	89.7%	10.4%	40.1	95.0%	5.0%
	Architecture/ Architecture	501.4	58.5%	41.5%	55.0	60.0%	40.0%
	Chemical engineering/ Génie chimique	491.6	64.7%	35.3%	345.1	76.1%	23.9%
	Civil engineering/ Génie civil	878.0	73.9%	26.1%	491.7	82.5%	17.5%
	Design, systems engineering/ Génie systématique et de la conception	176.6	61.0%	39.0%	43.4	100.0%	0.0%
	Electrical engineering/ Génie électrique	1,397.9	82.7%	17.3%	785.3	86.4%	13.6%
	Engineering science/ Sciences du génie	95.4	78.2%	21.9%	16.1	93.8%	6.2%
	Engineering-general/ Génie général	147.4	77.1%	23.0%	74.9	80.9%	19.1%
	Forestry/ Sciences forestières	314.7	62.0%	38.0%	147.6	79.1%	20.9%
	Industrial engineering/ Génie industriel	84.0	73.3%	26.7%	36.9	84.1%	15.9%
	Landscape architecture/ Architecture paysagiste	127.1	46.1%	54.0%	3.0	66.7%	33.3%
	Mechanical engineering/ Génie mécanique	833.4	82.2%	17.8%	488.6	88.5%	11.5%
	Metallurgical engineering/ Génie métallurgique	101.6	81.3%	18.7%	95.9	79.9%	20.1%
	Mining engineering/ Génie minier	73.4	66.2%	33.9%	88.3	84.1%	15.9%
	Other engineering/ Autres disciplines du génie	684.9	74.3%	25.7%	318.7	85.3%	14.7%
	Total	5,996.6	73.9%	26.1%	3,030.6	83.9%	16.1%
Fine and applied arts/ Beaux-arts et arts appliqués	Applied arts/ Arts appliqués	72.7	57.4%	42.6%	0.0	-	-
	Fine art/ Beaux-arts	562.0	32.9%	67.1%	141.4	27.1%	72.9%
	Music/ Musique	490.1	43.5%	56.5%	181.3	51.8%	48.2%
	Other performing arts Autres arts d'interprétation	185.0	34.6%	65.4%	62.0	46.8%	53.2%
	Total	1,309.9	38.5%	61.5%	384.7	41.9%	58.1%
Health professions and occupations/ Professions de la santé	Basic medical sciences/ Sciences médicales fondamentales	1,593.9	50.5%	49.5%	1,377.9	56.3%	43.7%
	Dental specialties/ Spécialités de l'art dentaire	44.1	95.5%	4.5%	28.0	67.9%	32.1%
	Dentistry/ Art dentaire	33.1	66.2%	34.1%	3.0	66.7%	33.3%
	Medical specializations/ Spécialisations médicales	304.0	41.1%	58.9%	348.9	57.7%	42.3%
	Medical technology/ Technologies médicales	90.6	43.2%	56.7%	39.0	64.1%	35.9%
	Medicine/ Médecine	22.0	84.5%	15.5%	48.1	32.0%	68.0%
	Nursing/ Sciences infirmières	631.6	5.2%	94.8%	113.6	2.6%	97.4%
	Optometry/ Optométrie	15.9	3.8%	96.2%	2.0	50.0%	50.0%
	Other health occupations/ Autres professions médicales	20.6	29.1%	70.9%	33.0	66.7%	33.3%
	Paraclinical sciences/ Sciences paracliniques	216.9	45.5%	54.4%	159.4	48.7%	51.3%
	Pharmacy/ Pharmacologie	276.9	40.2%	59.7%	248.0	53.1%	46.9%
	Public health/ Santé publique	796.3	31.6%	68.4%	300.4	36.1%	63.9%
	Rehabilitation medicine/ Médecine physique et de réadaptation	708.6	9.2%	90.8%	31.0	25.8%	74.2%
	Surgery & specialties/ Chirurgie et spécialités	30.1	66.1%	34.2%	7.3	58.8%	41.2%
	Total	4,784.4	34.2%	65.8%	2,739.6	50.9%	49.1%

5 Students Étudiants

5.11 (continued/suite)

Major Discipline/ Discipline principale	Field of Study/ Programme d'études	Master's Enrolments/ Effectifs à la maîtrise			Ph.D. Enrolments/ Effectifs au doctorat			
		Total	% Male/ % d'hommes	% Female/ % de femmes	Total	% Male/ % d'hommes	% Female/ % de femmes	
Humanities and related/ Sciences humaines et disciplines connexes	Classics, classical and dead languages/ Humanités, langues classiques et langues mortes	107.4	42.6%	57.4%	56.3	51.5%	48.5%	
	English/ Anglais	941.4	34.2%	65.8%	737.4	38.9%	61.1%	
	French/ Français	767.7	30.0%	70.0%	434.0	32.3%	67.7%	
	History/ Histoire	1,017.4	54.9%	45.1%	732.0	55.0%	45.0%	
	Journalism/ Journalisme	92.1	35.9%	64.1%	0.0	-	-	
	Library science/ Bibliothéconomie	555.6	27.8%	72.2%	73.7	54.1%	45.9%	
	Linguistics/ Linguistique	290.9	25.7%	74.3%	265.1	42.8%	57.2%	
	Other languages and literatures/ Autres langues et littératures	297.9	34.5%	65.5%	433.7	35.9%	64.1%	
	Other mass communications studies/ Autres études de communication de masse	437.9	40.5%	59.5%	120.7	46.5%	53.5%	
	Philosophy/ Philosophie	479.0	65.0%	35.0%	517.0	70.1%	29.9%	
	Records science/ Science des archives	237.6	26.1%	73.8%	0.0	-	-	
	Religious studies/ Études religieuses	490.0	51.2%	48.8%	391.9	61.7%	38.3%	
	Theology, divinity/ Théologie et théogonie	580.6	56.5%	43.5%	193.4	65.1%	34.9%	
	Translation and interpretation/ Traduction et interprétation	126.0	18.5%	81.5%	6.0	16.7%	83.3%	
	Total	6,421.4	41.7%	58.3%	3,961.3	49.3%	50.7%	
	Mathematics and Physical Sciences/ Mathématique et sciences physiques	Chemistry/ Chimie	788.9	61.2%	38.8%	991.4	68.7%	31.3%
		Computer science/ Informatique	1,423.9	74.8%	25.2%	516.6	80.2%	19.8%
Geology and related/ Géologie et sciences connexes		539.0	59.8%	40.2%	330.7	68.2%	31.8%	
Mathematics/ Mathématique		603.0	63.8%	36.2%	577.6	78.2%	21.8%	
Metallurgy/ Métallurgie		0.0	-	-	0.0	-	-	
Meteorology/ Météorologie		24.6	71.5%	28.5%	20.0	95.0%	5.0%	
Oceanography/ Océanographie		136.0	51.0%	49.0%	110.7	67.2%	32.8%	
Physics/ Physique		458.3	79.7%	20.3%	677.4	82.9%	17.1%	
Total		3,973.6	68.1%	31.9%	3,224.4	75.3%	24.7%	
Social Sciences and Related/ Sciences sociales et connexes		Anthropology/ Anthropologie	570.4	39.3%	60.7%	363.4	39.2%	60.8%
	Archaeology/ Archéologie	38.0	42.1%	57.9%	45.6	66.5%	33.5%	
	Area studies/ Études régionales	141.6	33.7%	66.3%	50.3	50.3%	49.7%	
	Canadian studies/ Études canadiennes	130.9	17.6%	82.4%	5.1	36.1%	63.9%	
	Commerce, management, business administration/ Commerce, gestion, administration	8,457.1	62.4%	37.6%	647.3	65.8%	34.2%	
	Criminology/ Criminologie	202.3	37.1%	62.9%	56.9	31.7%	68.3%	
	Demography/ Démographie	14.0	50.0%	50.0%	20.0	65.0%	35.0%	
	Economics/ Économie	870.4	66.6%	33.4%	439.9	71.6%	28.4%	
	Geography/ Géographie	679.1	54.2%	45.8%	413.3	61.9%	38.1%	
	Law/ Droit	805.7	46.4%	53.6%	198.9	54.5%	45.5%	
	Man and environment studies/ Études de l'homme et de son environnement	1,634.6	46.0%	54.0%	276.9	60.0%	40.0%	
	Military studies/ Études militaires	93.1	86.6%	13.5%	4.3	76.7%	23.3%	
	Other social services/ Autres services sociaux	108.1	14.2%	85.8%	3.6	44.0%	56.0%	
	Political science/ Science politique	1,073.1	53.6%	46.4%	643.9	60.2%	39.8%	
	Psychology/ Psychologie	1,251.6	22.2%	77.8%	1,952.0	29.9%	70.1%	
	Social Sciences N.E.C./ Sciences sociales N.E.C.	11.7	0.0%	100.0%	0.0	-	-	
	Social work and welfare/ Travail social et aide sociale	1,375.1	18.2%	81.8%	146.9	22.3%	77.7%	
	Sociology/ Sociologie	859.7	30.4%	69.6%	633.0	40.1%	59.9%	
	Specialized administration studies/ Études administratives spécialisées	887.1	46.3%	53.7%	41.7	57.5%	42.5%	
	Total	19,203.9	50.1%	49.9%	5,942.7	46.9%	53.1%	
Total	52,168.0	48.3%	51.7%	24,608.4	55.7%	44.3%		

5 Students Étudiants

5.12 Community College, Undergraduate and Graduate Qualifications Awarded, 1998 Collège communautaire, titres décernés au premier cycle et aux études supérieures, 1998

	NF	PE	NS	NB	QC	ON	MB	SK	AB	BC	CANADA ¹
Community college diplomas/ Diplômes des collèges communautaires 1998	2,171	1,051	4,313	2,757	39,439	44,744	1,443	1,257	8,372	7,321	113,057
% of Canada (1998)/ % du Canada (1998)	1.9%	0.9%	3.8%	2.4%	34.9%	39.6%	1.3%	1.1%	7.4%	6.5%	100.0%
Undergraduate programs ² / Programmes de premier cycle ² 1998	2,680	404	6,828	3,630	41,195	55,302	5,003	4,799	10,908	12,933	143,682
% of Canada (1998)/ % du Canada (1998)	1.9%	0.3%	4.8%	2.5%	28.7%	38.5%	3.5%	3.3%	7.6%	9.0%	100.0%
Graduate programs ³ / Programmes des études supérieures ³ 1998	319	3	983	400	9,871	10,597	636	644	2,095	2,846	28,394
% of Canada (1998)/ % du Canada (1998)	1.1%	0.0%	3.5%	1.4%	34.8%	37.3%	2.2%	2.3%	7.4%	10.0%	100.0%

5.13 Undergraduate and 1st Professional Degrees, Canada and the Provinces, by Discipline and Gender, 1998 Grades de premier cycle et premiers grades professionnels, Canada et les provinces, selon la discipline et le sexe, 1998

	NF	PE	NS	NB	QC	ON	MB	SK	AB	BC	CANADA
Male (%)/ % d'hommes											
Agriculture and Biological Sciences/ Agronomie et sciences biologiques	38.5%	26.9%	33.2%	33.2%	37.8%	36.2%	32.1%	39.5%	41.3%	39.3%	36.9%
Education/ Éducation	31.4%	13.0%	33.4%	32.0%	25.8%	28.9%	29.8%	31.4%	30.2%	36.0%	29.4%
Engineering and Applied Sciences/ Génie et sciences appliquées	85.2%	-	75.9%	77.8%	80.0%	77.6%	78.4%	79.3%	81.6%	77.6%	78.8%
Fine and Applied Arts/ Beaux-arts et arts appliqués	36.5%	27.3%	35.8%	18.3%	35.3%	32.1%	31.0%	34.2%	35.9%	31.7%	33.2%
Health Professions/ Professions de la santé	31.3%	0.0%	26.5%	5.9%	31.6%	26.5%	31.9%	26.5%	24.9%	27.2%	27.6%
Humanities/ Humanités	31.5%	35.7%	38.5%	40.9%	36.3%	34.0%	39.5%	45.5%	40.1%	36.7%	35.8%
Mathematics and Physical Sciences/ Mathématique et sciences physiques	71.3%	47.4%	66.8%	74.7%	68.7%	67.7%	67.1%	77.1%	69.6%	70.8%	68.7%
Social Sciences/ Sciences sociales	40.0%	39.8%	38.1%	38.1%	40.6%	39.9%	44.9%	40.2%	43.5%	39.9%	40.4%
Total	42.0%	31.7%	40.1%	41.7%	41.6%	40.5%	42.3%	41.9%	41.7%	41.6%	41.1%
Female (%)/ % de femmes											
Agriculture and Biological Sciences/ Agronomie et sciences biologiques	61.5%	73.1%	66.8%	66.8%	62.2%	63.8%	67.9%	60.5%	58.7%	60.7%	63.1%
Education/ Éducation	68.6%	87.0%	66.6%	68.0%	74.2%	71.1%	70.2%	68.6%	69.8%	64.0%	70.6%
Engineering and Applied Sciences/ Génie et sciences appliquées	14.8%	-	24.1%	22.2%	20.0%	22.4%	21.6%	20.7%	18.4%	22.4%	21.2%
Fine and Applied Arts/ Beaux-arts et arts appliqués	63.5%	72.7%	64.2%	81.7%	64.7%	67.9%	69.0%	65.8%	64.1%	68.3%	66.8%
Health Professions/ Professions de la santé	68.8%	100.0%	73.5%	94.1%	68.4%	73.5%	68.1%	73.5%	75.1%	72.8%	72.4%
Humanities/ Humanités	68.5%	64.3%	61.5%	59.1%	63.7%	66.0%	60.5%	54.5%	59.9%	63.3%	64.2%
Mathematics and Physical Sciences/ Mathématique et sciences physiques	28.7%	52.6%	33.2%	25.3%	31.3%	32.3%	32.9%	22.9%	30.4%	29.2%	31.3%
Social Sciences/ Sciences sociales	60.0%	60.2%	61.9%	61.9%	59.4%	60.1%	55.1%	59.8%	56.5%	60.1%	59.6%
Total	58.0%	68.3%	59.9%	58.3%	58.4%	59.5%	57.7%	58.1%	58.3%	58.4%	58.9%
Total Number/ Nombre total											
Agriculture and Biological Sciences/ Agronomie et sciences biologiques	252	108	638	280	1,673	4,177	505	430	909	1,107	10,079
Education/ Éducation	334	23	581	460	4,250	7,978	875	844	2,353	1,676	19,374
Engineering and Applied Sciences/ Génie et sciences appliquées	128	0	348	370	2,619	3,803	241	246	786	714	9,255
Fine and Applied Arts/ Beaux-arts et arts appliqués	52	11	240	60	1,046	1,826	171	114	343	413	4,276
Health Professions/ Professions de la santé	192	17	400	188	2,387	2,838	414	275	1,061	848	8,620
Humanities/ Humanités	279	70	735	396	2,827	7,216	377	314	828	1,679	14,721
Mathematics and Physical Sciences/ Mathématique et sciences physiques	174	19	431	178	1,564	3,158	292	201	536	686	7,239
Social Sciences/ Sciences sociales	782	133	2,415	1,279	10,230	21,566	1,645	1,557	3,575	4,578	47,760
Total	2,207	385	6,079	3,310	27,430	54,030	4,773	3,983	10,771	11,893	124,861

5 Students Étudiants

5.14 Master's Degrees, Canada and the Provinces, by Major Discipline and Gender, 1998 Maîtrises, Canada et les provinces, selon la discipline principale et le sexe, 1998

	NF	PE	NS	NB	QC	ON	MB	SK	AB	BC	CANADA
Male graduates (%) / % d'hommes diplômés											
Agriculture and Biological Sciences/ Agronomie et sciences biologiques	41.7%	-	56.4%	25.0%	43.1%	41.8%	25.5%	55.6%	41.0%	58.0%	44.7%
Education/ Éducation	31.6%	-	32.8%	30.7%	29.0%	24.1%	29.8%	29.5%	27.0%	27.9%	27.6%
Engineering and Applied Sciences/ Génie et sciences appliquées	80.9%	-	78.1%	74.4%	75.7%	77.8%	71.8%	73.3%	73.1%	74.6%	76.0%
Fine and Applied Arts/ Beaux-arts et arts appliqués	-	-	42.9%	-	42.2%	37.0%	100.0%	40.0%	49.1%	29.7%	40.2%
Health Professions/ Professions de la santé	26.7%	-	15.0%	0.0%	31.2%	27.8%	48.1%	0.0%	19.5%	33.6%	28.2%
Humanities/ Humanités	50.0%	-	32.6%	52.6%	39.3%	40.2%	51.5%	54.2%	26.5%	50.6%	40.8%
Mathematics and Physical Sciences/ Mathématique et sciences physiques	54.5%	-	52.0%	55.9%	65.8%	66.4%	54.2%	79.2%	70.7%	58.5%	64.9%
Social Sciences/ Sciences sociales	38.8%	-	54.8%	48.9%	51.1%	52.9%	43.0%	50.7%	55.6%	50.7%	52.0%
Total	46.4%	33.3%	44.5%	45.4%	48.1%	48.4%	45.7%	52.5%	44.6%	47.6%	47.7%
Female graduates (%) / % de femmes diplômées											
Agriculture and Biological Sciences/ Agronomie et sciences biologiques	58.3%	-	43.6%	75.0%	56.9%	58.2%	74.5%	44.4%	59.0%	42.0%	55.3%
Education/ Éducation	68.4%	-	67.2%	69.3%	71.0%	75.9%	70.2%	70.5%	73.0%	72.1%	72.4%
Engineering and Applied Sciences/ Génie et sciences appliquées	19.1%	-	21.9%	25.6%	24.3%	22.2%	28.2%	26.7%	26.9%	25.4%	24.0%
Fine and Applied Arts/ Beaux-arts et arts appliqués	-	-	57.1%	-	57.8%	63.0%	0.0%	60.0%	50.9%	70.3%	59.8%
Health Professions/ Professions de la santé	73.3%	-	85.0%	100.0%	68.8%	72.2%	51.9%	100.0%	80.5%	66.4%	71.8%
Humanities/ Humanités	50.0%	-	67.4%	47.4%	60.7%	59.8%	48.5%	45.8%	73.5%	49.4%	59.2%
Mathematics and Physical Sciences/ Mathématique et sciences physiques	45.5%	-	48.0%	44.1%	34.2%	33.6%	45.8%	20.8%	29.3%	41.5%	35.1%
Social Sciences/ Sciences sociales	61.2%	-	45.2%	51.1%	48.9%	47.1%	57.0%	49.3%	44.4%	49.3%	48.0%
Total	53.6%	66.7%	55.5%	54.6%	51.9%	51.6%	54.3%	47.5%	55.4%	52.4%	52.3%
Total number graduates / Nombre total de diplômés											
Agriculture and Biological Sciences/ Agronomie et sciences biologiques	24	0	55	20	253	328	47	72	61	112	972
Education/ Éducation	57	0	241	114	885	986	94	105	311	537	3,330
Engineering and Applied Sciences/ Génie et sciences appliquées	47	0	32	43	655	790	85	75	171	284	2,182
Fine and Applied Arts/ Beaux-arts et arts appliqués	0	0	7	0	204	146	4	10	55	64	490
Health Professions/ Professions de la santé	15	0	60	3	504	652	52	7	210	122	1,625
Humanities/ Humanités	20	0	95	19	766	1,299	33	48	136	326	2,742
Mathematics and Physical Sciences/ Mathématique et sciences physiques	33	0	50	34	403	565	24	48	99	142	1,398
Social Sciences/ Sciences sociales	85	0	354	133	3,099	4,068	186	138	525	631	9,219
Total including not reported / Total non déclaré inclus	289	3	894	366	6,769	8,845	527	507	1,578	2,248	22,026

5.15 Doctorates in Canada, by Major Discipline, Field of Study, and Gender, 1998 Doctorats, selon le domaine d'études et le sexe, Canada 1998

Major Discipline/ Discipline principale	Field of Study/ Programme d'études	Total	% Male/ % hommes	% Female/ % femmes	Major Discipline/ Discipline principale	Field of Study/ Programme d'études	Total	% Male/ % hommes	% Female/ % femmes	
Agricultural and Biological Sciences/ Agronomie et sciences biologiques	Agriculture/ Agronomie	81	74.1%	25.9%	Education/ Éducation	Elementary-Secondary Education/ Élémentaire et secondaire	79	36.7%	63.3%	
	Biochemistry/ Biochimie	48	58.3%	41.7%		Kinesiology/ Sciences de l'activité physique	15	40.0%	60.0%	
	Biology/ Biologie	183	69.4%	30.6%		Non-Teaching Fields/ Domaine parascolaire	244	35.7%	64.3%	
	Biophysics/ Biophysique	5	20.0%	80.0%		Physical Education/ Éducation physique	18	77.8%	22.2%	
	Botany/ Botanique	18	44.4%	55.6%		Postsecondary Teaching/ Enseignement supérieur	10	50.0%	50.0%	
	Fisheries & Wildlife Management/ Gestion des pêches et de la faune	1	100.0%	0.0%		Recreation/ Loisirs	1	100.0%	0.0%	
	Household Science/ Économie domestique	32	31.3%	68.8%		Total	367	38.7%	61.3%	
	Toxicology/ Toxicologie	1	0.0%	100.0%		Engineering and the Applied Sciences/ Génie et sciences appliquées	Aeronautical & Aerospace Engineering/ Génie aéronautique et aérospatial	10	90.0%	10.0%
	Veterinary Medicine Specialties/ Spécialités de la médecine vétérinaire	2	50.0%	50.0%			Architecture/ Architecture	8	87.5%	12.5%
	Veterinary Sciences/ Science vétérinaire	27	74.1%	25.9%			Chemical Engineering/ Génie chimique	69	91.3%	8.7%
	Zoology/ Zoologie	39	66.7%	33.3%			Civil Engineering/ Génie civil	95	85.3%	14.7%
	Total	437	64.5%	35.5%			Design Engineering/ Génie systémique et de la conception	11	90.9%	9.1%

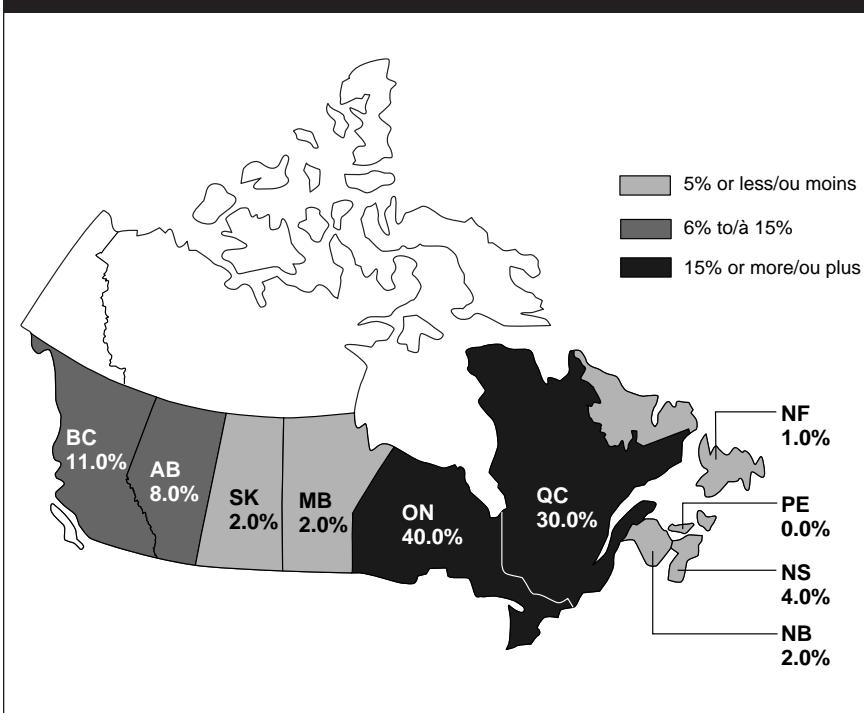
5 Students Étudiants

5.15 (continued/suite)

Major Discipline/ Discipline principale	Field of Study/ Programme d'études	Total	% Male/ % hommes	% Female/ % femmes
	Electrical Engineering/ Génie électrique	177	92.7%	7.3%
	Engineering General/ Génie général	12	100.0%	0.0%
	Engineering Science/ Sciences du génie	17	88.2%	11.8%
	Forestry/ Sciences forestières	30	83.3%	16.7%
	Industrial Engineering/ Génie industriel	7	85.7%	14.3%
	Mechanical Engineering/ Génie mécanique	146	90.4%	9.6%
	Metallurgical Engineering/ Génie métallurgique	22	72.7%	27.3%
	Mining Engineering/ Génie minier	16	93.8%	6.3%
	Other Engineering/ Autres disciplines du génie	59	84.7%	15.3%
	Total	679	89.1%	10.9%
Fine & Applied Arts/ Beaux-arts et arts appliqués	Fine Art/ Beaux-arts	5	60.0%	40.0%
	Music/ Musique	23	69.6%	30.4%
	Other Performing Arts/ Autres arts d'interprétation	7	28.6%	71.4%
	Total	35	60.0%	40.0%
General/Interdisciplinary/ Général/interdisciplinaire	General Arts/ Arts-général	4	50.0%	50.0%
	General Science/ Sciences générales	7	42.9%	57.1%
	Interdisciplinary Studies/ Études interdisciplinaires	24	33.3%	66.7%
	Total	35	37.1%	62.9%
Health Professions & Occupations/ Professions médicales	Basic Sciences and Medicine/ Sciences médicales fondamentales	252	64.7%	35.3%
	Dental Specialties/ Spécialités de l'art dentaire	7	85.7%	14.3%
	Medical Specialization/ Spécialisations médicales	77	53.2%	46.8%
	Medical Technology/ Technologies médicales	7	42.9%	57.1%
	Nursing/ Sciences infirmières	12	16.7%	83.3%
	Optometry/ Optométrie	2	50.0%	50.0%
	Other Health Occupations/ Autres professions médicales	4	50.0%	50.0%
	Paraclinical Sciences/ Sciences paracliniques	62	48.4%	51.6%
	Pharmacy/ Pharmacologie	26	53.8%	46.2%
	Public Health/ Santé publique	51	45.1%	54.9%

Major Discipline/ Discipline principale	Field of Study/ Programme d'études	Total	% Male/ % hommes	% Female/ % femmes
	Rehabilitation Medicine/ Médecine physique et de réadaptation	2	0.0%	100.0%
	Surgery/ Chirurgie	7	85.7%	14.3%
	Total	509	57.2%	42.8%
Humanities & Related/ Sciences humaines et disciplines connexes	Classics, Classical & Dead Languages/ Humanités, langues classiques et langues mortes	8	50.0%	50.0%
	English Language & Literature/ Anglais et littérature	105	41.0%	59.0%
	French Language & Literature/ Français et littérature	38	57.9%	42.1%
	History/ Histoire	81	67.9%	32.1%
	Library Science/ Bibliothéconomie	3	33.3%	66.7%
	Linguistics/ Linguistique	35	48.6%	51.4%
	Other Languages & Literatures/ Autres langues et littératures	66	40.9%	59.1%
	Other Mass Media Studies/ Autres études de communication de masse	20	50.0%	50.0%
	Philosophy/ Philosophie	65	70.8%	29.2%
	Religious Studies/ Études religieuses	31	64.5%	35.5%
	Theological Studies/ Théologie et théogonie	30	80.0%	20.0%
	Total	482	55.8%	44.2%
Mathematics and the Physical Sciences/ Mathématique et sciences physiques	Chemistry/ Chimie	234	71.8%	28.2%
	Computer Science/ Informatique	74	83.8%	16.2%
	Geology & Related/ Géologie et sciences connexes	71	80.3%	19.7%
	Mathematics/ Mathématique	121	76.9%	23.1%
	Metallurgy/ Métallurgie	1	0.0%	100.0%
	Oceanography/ Océanographie	23	65.2%	34.8%
	Physics/ Physique	171	87.1%	12.9%
	Total	695	78.3%	21.7%
Social Sciences and Related/ Sciences sociales et connexes	Anthropology/ Anthropologie	44	47.7%	52.3%
	Archeology/ Archéologie	7	57.1%	42.9%
	Area Studies/ Études régionales	6	66.7%	33.3%
	Com. Management, Bus. Admin./ Commerce, gestion, administration	72	65.3%	34.7%
	Criminology/ Criminologie	6	83.3%	16.7%
	Demography/ Démographie	4	50.0%	50.0%
	Economics/ Économie	57	82.5%	17.5%
	Geography/ Géographie	52	69.2%	30.8%
	Law/ Droit	22	59.1%	40.9%
	Man and Environmental Studies/ Études de l'homme et de son environnement	37	59.5%	40.5%
	Military Studies/ Études militaires	1	0.0%	100.0%
	Political Sciences/ Science politique	76	61.8%	38.2%
	Psychology/ Psychologie	261	31.8%	68.2%
	Social Work/ Sciences sociales	14	28.6%	71.4%
	Sociology/ Sociologie	76	47.4%	52.6%
	Specialized Administration Studies/ Études administratives spécialisées	2	100.0%	0.0%
	Total	737	50.6%	49.4%
Total		3,976	63.9%	36.1%

Map/Carte 5.2
Provincial Share of Post-Graduate Degrees Awarded (1998)/
Proportion provinciale des diplômes d'études supérieures
décernés (1998)

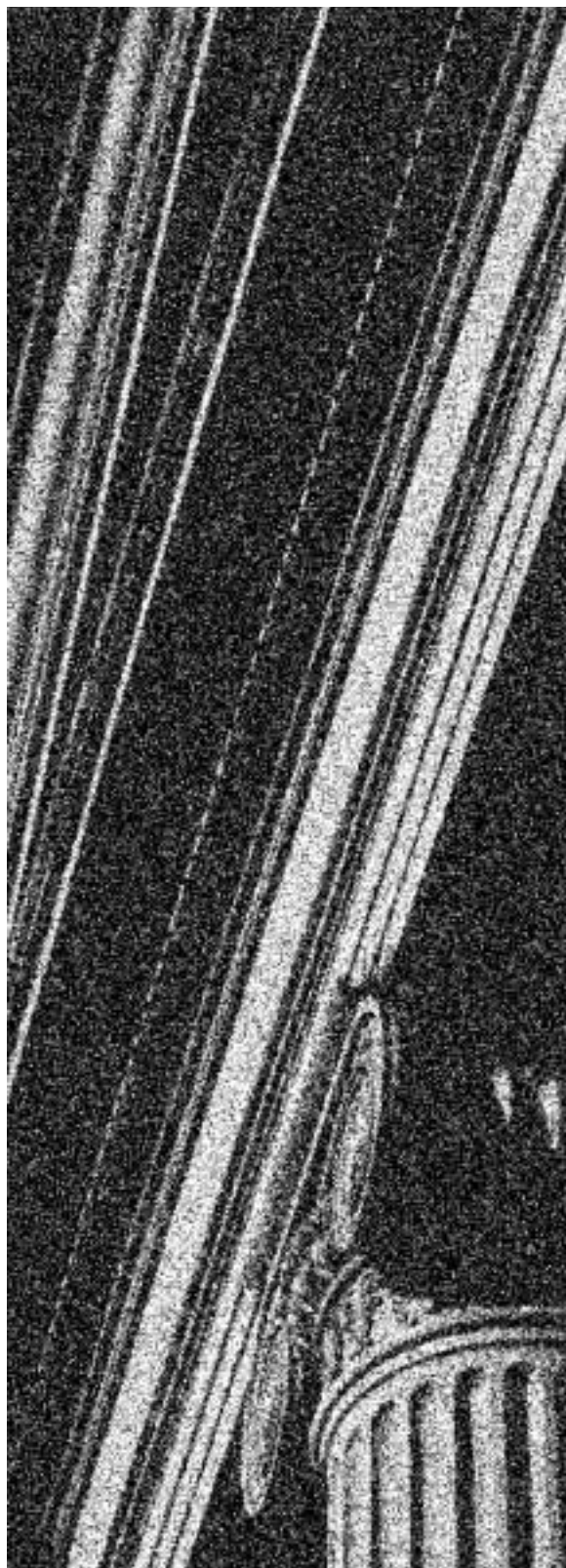


5 Students Étudiants

5.16 Labour Force Estimates by Educational Attainment, Aged 15+, Canada, October 2001 Estimations de la population active selon le niveau d'instruction, 15 ans et plus, Canada, octobre 2001

PSE Attainment/
Niveau d'études postsecondaires

	Total	Post-Secondary Certificate/ Certificat postsecondaire	Undergraduate Degree/ Grade de 1 ^{er} cycle	Graduate Degree/ Grade d'études supérieures
Population (15+)/ Population (15 ans et plus)	24,716,100	7,041,200 (28.5%)	2,697,400 (10.9%)	1,245,700 (5.0%)
Labour force/ Population active	16,237,400	5,412,900 (33.3%)	2,179,800 (13.4%)	1,001,900 (6.2%)
Employed/ Actif	15,147,500	5,128,700 (33.9%)	2,061,400 (13.6%)	963,600 (6.4%)
Full-time/ Temps plein	12,371,100	4,387,300 (35.5%)	1,762,900 (35.5%)	846,800 (6.8%)
Part-time/ Temps partiel	2,776,400	741,400 (26.7%)	298,500 (26.7%)	116,800 (4.2%)
Unemployed/ Chômeur	1,089,900	284,200 (26.1%)	118,400 (26.1%)	38,300 (3.5%)
Not in labour force/ Population inactive	8,478,700	1,628,300 (19.2%)	517,600 (19.2%)	243,700 (2.9%)
LF Participation rate/ Taux de participation de la PA	65.7%	76.9%	80.8%	80.4%
Unemployment rate/ Taux de chômage	6.7%	5.3%	5.4%	3.8%
Employment-population ratio/ Rapport emploi-population	61.3%	72.8%	76.4%	77.4%



5.17 Access to Post-Secondary Education by Family Income and Socio-Economic Group, Canada, 1998 Accès aux études postsecondaires selon le revenu familial et le groupe socio-économique, Canada, 1998

PSE Participation and Family Income, 18 to 21 year-olds (1998)/
Taux de participation aux études postsecondaires et revenu familial, 18 à 21 ans (1998)

Family Income/ Revenu familial	Highest Level of Education Participated In/ Taux le plus élevé de participation scolaire	
	University/ Université	College/ Collège ¹
Lowest Quartile/ Quartile inférieure	18.8% ²	28.8%
Middle Half/ Deux quartiles intermédiaires	27.5%	28.8%
Highest Quartile/ Quartile supérieure	38.7%	28.3%
Total	28.4%	28.7%

5.18 PSE Expenditures by Household Income Group, Canada, 2000 Dépenses au titre de l'éducation postsecondaire par quintile de revenu familial, Canada, 2000

CANADA		CANADA	
Poorest 20%/ Les plus pauvres 20%		4 th 20%/ Quatrième 20%	
Household income before tax/ Revenu familial avant impôt	\$13,858	Household income before tax/ Revenu familial avant impôt	\$67,862
Personal taxes/ Impôt personnel	\$530	Personal taxes/ Impôt personnel	\$14,106
After-tax income/ Revenu après impôt	\$13,328	After-tax income/ Revenu après impôt	\$53,756
Total average education expenditures/ Dépenses moyennes totales pour l'éducation	\$4,404	Total average education expenditures/ Dépenses moyennes totales pour l'éducation	\$3,395
Education expenditures as a share of after-tax income/ Dépenses pour l'éducation en proportion du revenu après impôt	33.0%	Education expenditures as a share of after-tax income/ Dépenses pour l'éducation en proportion du revenu après impôt	6.3%
2 nd 20%/ Second quintile		Richest 20%/ Revenu supérieur 20%	
Household income before tax/ Revenu familial avant impôt	\$28,853	Household income before tax/ Revenu familial avant impôt	\$127,509
Personal taxes/ Impôt personnel	\$3,290	Personal taxes/ Impôt personnel	\$34,292
After-tax income/ Revenu après impôt	\$25,563	After-tax income/ Revenu après impôt	\$93,217
Total average education expenditures/ Dépenses moyennes totales pour l'éducation	\$2,700	Total average education expenditures/ Dépenses moyennes totales pour l'éducation	\$4,477
Education expenditures as a share of after-tax income/ Dépenses pour l'éducation en proportion du revenu après impôt	10.6%	Education expenditures as a share of after-tax income/ Dépenses pour l'éducation en proportion du revenu après impôt	4.8%
Middle 20%/ Revenu intermédiaire 20%		Total	
Household income before tax/ Revenu familial avant impôt	\$46,115	Household income before tax/ Revenu familial avant impôt	\$56,839
Personal taxes/ Impôt personnel	\$7,843	Personal taxes/ Impôt personnel	\$12,012
After-tax income/ Revenu après impôt	\$38,272	After-tax income/ Revenu après impôt	\$44,827
Total average education expenditures/ Dépenses moyennes totales pour l'éducation	\$3,381	Total average education expenditures/ Dépenses moyennes totales pour l'éducation	\$3,768
Education expenditures as a share of after-tax income/ Dépenses pour l'éducation en proportion du revenu après impôt	8.8%	Education expenditures as a share of after-tax income/ Dépenses pour l'éducation en proportion du revenu après impôt	8.4%

5 Students Étudiants

5.19 Tuition and Student Summer Income Frais de scolarité et revenus d'emplois d'été

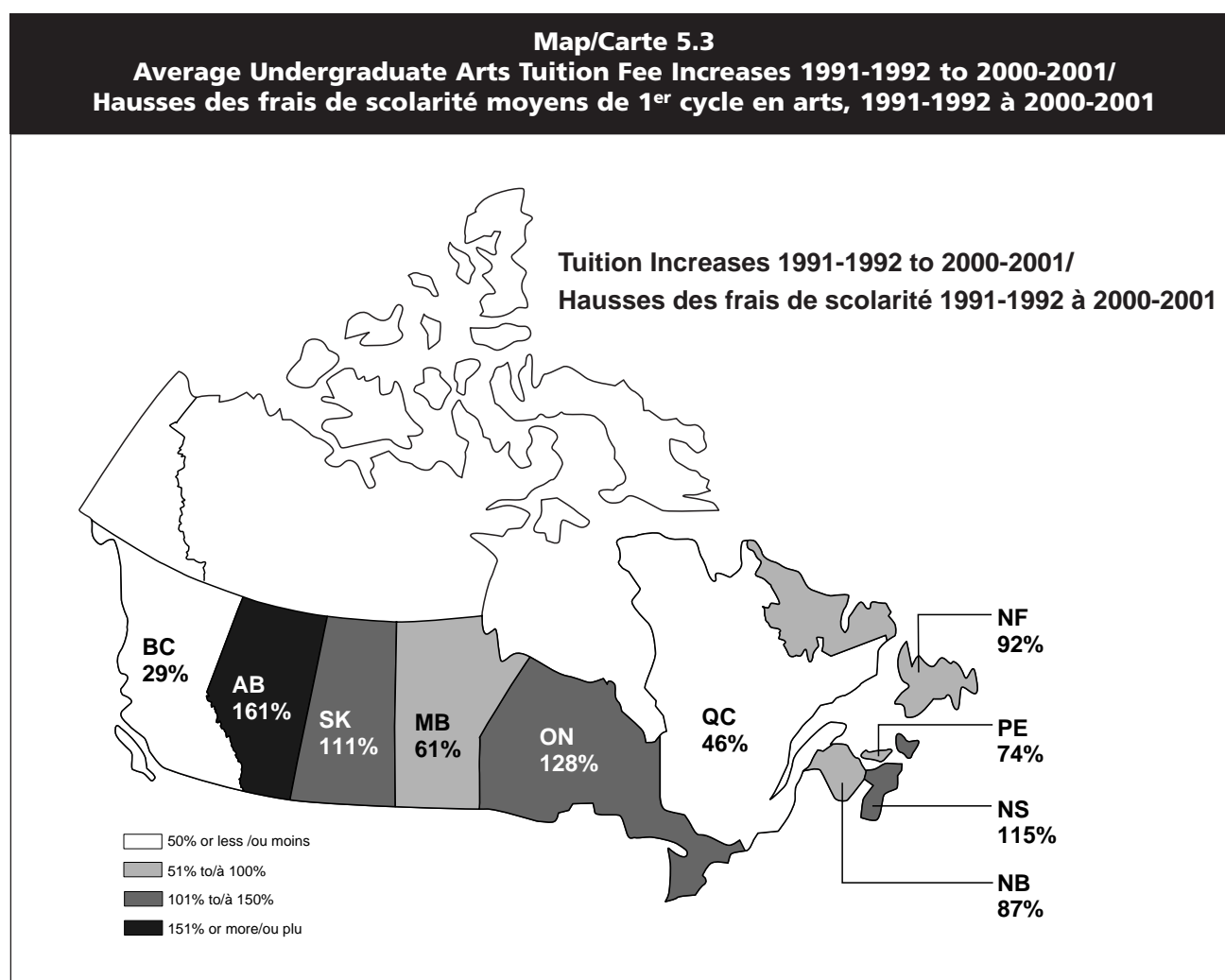
	NF	PE	NS	NB	QC	ON	MB	SK	AB	BC	CANADA
Average undergraduate arts tuition¹/ Frais de scolarité moyens en arts, au premier cycle¹											
1991-1992	\$1,544.00	\$2,120.00	\$2,201.00	\$2,021.00	\$1,308.00	\$1,785.00	\$1,735.00	\$1,812.00	\$1,522.00	\$1,911.00	\$1,714.00
2001-2002	\$2,970.00	\$3,690.00	\$4,732.00	\$3,779.00	\$1,912.00	\$4,062.00	\$2,795.00	\$3,831.00	\$3,970.00	\$2,465.00	\$3,452.00
% Change 1991-1992 to 2001-2002/ Variation en % de 1991-1992 à 2001-2002											
	+92.4%	+74.1%	+115.0%	+87.0%	+46.2%	+127.6%	+61.1%	+111.4%	+160.8%	+29.0%	+101.4%
Average student summer employment income (Summer 2001)/ Revenu d'emploi d'été moyen des étudiants (été 2001)											
All students/ Tous les étudiants											
	\$3,100	\$3,100	\$3,100	\$3,100	\$3,100	\$3,700	\$3,600	\$3,600	\$4,300	\$3,200	-
Students with summer employment/ Étudiants ayant un emploi d'été											
	\$3,700	\$3,700	\$3,700	\$3,700	\$3,600	\$4,200	\$3,900	\$3,900	\$4,500	\$3,800	-

5.20 Canada Student Loan Borrowers and Institutional Enrolments by Province, 1990-1991 to 1998-1999 Bénéficiaires de prêts étudiant du Canada et inscriptions par province, 1990-1991 à 1998-1999

	NF	PE	NS	NB	QC	ON	MB	SK	AB	BC	CANADA
FT Student Loan Recipients that are provincial residents/ Bénéficiaires TP de prêts étudiant qui résident dans la province											
1990-1991	12,960	2,451	14,957	13,040	-	100,623	11,801	15,306	37,193	31,911	240,242
1998-1999	19,577	2,801	17,341	15,049	-	185,893	9,767	14,422	37,971	55,582	358,403
% Change/ % changement											
	+51.1%	+14.3%	+15.9%	+15.4%	-	+84.7%	+17.2%	+5.8%	+2.1%	+74.2%	+49.2%

5.21 Federal and Provincial Student Loan Debt, 1997-1998 Endettement étudiant aux paliers fédéral et provincial, 1997-1998

	NF	PE ¹	NS	NB	QC ²	ON	MB	SK ³	AB ⁴	BC	CANADA ⁵
# of Borrowers (CSL)/ Nombre d'emprunteurs (PCPE)											
	9,366	1,269	7,950	6,261	-	94,923	5,747	6,311	19,947	24,241	176,015
# of Borrowers (Provincial Plans ⁶) Nombre d'emprunteurs (plans provinciaux ⁶)											
	7,092	1,269	7,802	5,633	54,372	68,874	4,505	6,943	23,156	28,227	-
Average Provincial Debt/ Endettement provincial moyen											
	\$8,900	\$8,458	\$7,923	\$9,252	-	\$8,979	\$7,556	\$9,751	\$8,349	\$8,644	-
Average CSL Debt/ Endettement moyen au titre du PCPE											
	\$6,248	\$5,263	\$4,469	\$5,123	\$13,181	\$6,995	\$3,741	\$2,445	\$3,527	\$3,326	-
Average Total Student Loan Debt ⁷ / Endettement étudiant total moyen ⁷											
	\$13,631	\$13,037	\$12,309	\$13,861	\$13,181	\$14,054	\$10,489	\$11,973	\$11,387	\$11,500	\$13,056



7 Research Recherche

7.1

Federal Research Funding – Granting Council Awards by Province, 1999-2000

Financement fédéral de la recherche – Octrois des conseils subventionnaires par province, 1999-2000

	NF	PE	NS	NB	QC	ON	MB	SK	AB	BC	CANADA
SSHRC/ CRSH	\$1,189,000	\$113,000	\$3,232,000	\$826,000	\$27,312,000	\$31,083,000	\$2,353,000	\$1,247,000	\$8,535,000	\$11,673,000	\$87,563,000
% Canada	1.4%	0.1%	3.7%	0.9%	31.2%	35.5%	2.7%	1.4%	9.7%	13.3%	100.0%
NSERC/ CRSNG	\$10,494,000	\$596,000	\$15,309,000	\$6,843,000	\$123,109,000	\$162,445,000	\$9,710,000	\$13,636,000	\$50,581,000	\$57,808,000	\$450,531,000
% Canada	2.3%	0.1%	3.4%	1.5%	27.3%	36.1%	2.2%	3.0%	11.2%	12.8%	100.0%
MRC/CIHR ¹ / CRM/ IRSC ¹	\$1,786,000	\$67,000	\$6,949,000	\$12,000	\$108,256,000	\$108,255,000	\$9,911,000	\$3,004,000	\$34,045,000	\$24,382,000	\$296,667,000
% Canada	0.6%	0.0%	2.3%	0.0%	36.5%	36.5%	3.3%	1.0%	11.5%	8.2%	100.0%
Total Research Funding/ Financement total de la recherche	\$13,469,000	\$776,000	\$25,490,000	\$7,681,000	\$258,677,000	\$301,783,000	\$21,974,000	\$17,887,000	\$93,161,000	\$93,863,000	\$834,761,000
% Canada	1.6%	0.1%	3.1%	0.9%	31.0%	36.2%	2.6%	2.1%	11.2%	11.2%	100.0%

7.2

Canadian Foundation for Innovation (CFI) Awards by Province and Research Sector¹ (June 1998 - December 2001)

Fondation canadienne pour l'innovation (FCI) - Octrois par province et secteur de recherche¹ (juin 1998 – décembre 2001)

	NF	PE	NS	NB	QC	ON	MB	SK	AB	BC	CANADA
Awards/ Octrois											
No. of awards/ Nombre d'octrois	21	6	60	32	429	611	68	41	170	192	1630
\$ Awarded/ argent octroyé	\$6,100,609	\$957,116	\$17,424,303	\$6,095,843	\$256,879,975	\$382,479,259	\$18,094,190	\$78,841,720	\$67,289,950	\$118,022,888	\$952,185,853
% of Awards/ % d'octrois	1.3%	0.4%	3.7%	2.0%	26.3%	37.5%	4.2%	2.5%	10.4%	11.8%	100.0%
% of \$ Awarded/ % d'argent octroyé	0.6%	0.1%	1.8%	0.6%	27.0%	40.2%	1.9%	8.3%	7.1%	12.4%	100.0%
Sector/ Secteur											
Engineering/ Génie	\$51,256		\$905,060	\$2,561,424	\$29,170,551	\$76,464,150	\$2,685,971	\$2,713,042	\$6,399,261	\$23,333,933	\$144,284,648
Environment/ Environnement	\$301,379		\$2,090,935	\$1,731,441	\$5,446,670	\$22,683,294	\$1,238,696	\$574,463	\$2,224,036	\$5,736,522	\$42,027,436
Health/ Santé	\$603,341		\$2,111,802	\$165,000	\$127,679,899	\$175,095,381	\$8,880,230	\$9,195,145	\$38,505,138	\$70,508,992	\$432,744,928
Science/ Science	\$5,144,633	\$957,116	\$12,316,506	\$1,637,978	\$94,582,855	\$108,083,670	\$5,289,293	\$66,359,070	\$20,036,515	\$18,443,441	\$332,851,077
Missing-Unknown/ Données manquantes ou inconnues	-	-	-	-	-	\$152,764	-	-	\$125,000	-	\$277,764
Total	\$6,100,609	\$957,116	\$17,424,303	\$6,095,843	\$256,879,975	\$382,479,259	\$18,094,190	\$78,841,720	\$67,164,950	\$118,022,888	\$952,185,853

7.3

Canada Research Chairs Allocations by Province, 1996-1997 to 1998-1999

Attribution des chaires de recherche du Canada par province, 1996-1997 à 1998-1999

	FT Faculty 3 Year Avg 1997-1999/ Professeurs à TP Moyenne triennale 1997-1999	FTE enrolment 3 Year Avg 1997-1999/ Effectif ETP Moyenne triennale 1997-1999	Provincial Share of All Faculty/ Part provinciale de tous les professeurs	Provincial Share of All Students/ Part provinciale de tous les étudiants	Provincial Share of Chairs Allocated 1997-1999/ Part provinciale des chaires attribuées 1997-1999	Winners/Losers ¹ +/- Gagnants/perdants ¹ +/-
British Columbia/ Colombie-Britannique	3,286.0	56,578.8	9.7%	9.0%	12.7%	+
Alberta	2,933.0	55,554.8	8.6%	8.8%	10.9%	+
Saskatchewan	1,390.7	25,018.2	4.1%	4.0%	2.3%	-
Manitoba	1,527.3	23,825.9	4.5%	3.8%	2.9%	-
Ontario	12,432.0	242,891.8	36.6%	38.5%	38.2%	+/-
Québec	8,298.3	161,177.0	24.4%	25.5%	27.5%	+
New Brunswick/Nouveau-Brunswick	1,150.3	19,718.5	3.4%	3.1%	1.0%	-
Nova Scotia/Nouvelle-Écosse	1,924.7	31,034.6	5.7%	4.9%	3.1%	-
Prince Edward Island/Île-du-Prince-Édouard	182.3	2,537.7	0.5%	0.4%	0.1%	-
Newfoundland/Terre-Neuve	868.0	12,805.8	2.6%	2.0%	1.2%	-
Canada	33,992.7	631,143.1	100.0%	100.0%	100.0%	

7.4

Funding for Sponsored Research in Universities by Source and Province, 1999-2000

Financement de la recherche subventionnée dans les universités, par source et par province, 1999-2000

	NF	PE	NS	NB	QC	ON	MB	SK	AB	BC	CANADA
Granting Councils/ Conseils subventionnaires	\$13,469,000	\$776,000	\$25,490,000	\$7,681,000	\$258,677,000	\$301,783,000	\$21,974,000	\$17,887,000	\$93,161,000	\$93,863,000	\$834,761,000
CFI/ FCI	\$1,195,000	\$66,000	\$4,393,000	\$2,071,000	\$27,819,000	\$50,013,000	\$5,095,000	\$17,798,000	\$14,531,000	\$4,986,000	\$127,967,000
Other Federal Organization/ Autre organisme fédéral	\$10,106,000	\$231,000	\$13,828,000	\$6,278,000	\$61,088,000	\$81,269,000	\$12,930,000	\$6,821,000	\$21,675,000	\$18,329,000	\$232,555,000
Provincial Government/ Gouvernement provincial	\$287,000	\$190,000	\$8,339,000	\$3,968,000	\$154,627,000	\$184,921,000	\$17,700,000	\$20,223,000	\$95,044,000	\$26,368,000	\$511,667,000
Outside of Province/ Hors province	\$0	\$0	\$160,000	\$35,000	\$49,898,000	\$5,257,000	\$564,000	\$16,000	\$21,965,000	\$813,000	\$79,187,000
Outside of Canada/ Hors Canada	\$1,751,000	\$0	\$7,552,000	\$999,000	\$16,245,000	\$25,453,000	\$972,000	\$945,000	\$1,418,000	\$5,634,000	\$60,969,000
Donations – Business/ Dons - Entreprises	\$0	\$0	\$639,000	\$350,000	\$49,898,000	\$5,257,000	\$564,000	\$16,000	\$21,965,000	\$813,000	\$79,187,000
Donations - Non-Business/ Dons - Autres	\$0	\$1,000	\$0	\$18,000	\$16,427,000	\$9,723,000	\$521,000	\$5,121,000	\$14,865,000	\$9,000	\$46,685,000
Non-Governmental Grants and Contracts – Business/ Subventions et contrats non gouvernementaux - Entreprises	\$4,270,000	\$189,000	\$23,280,000	\$3,766,000	\$74,297,000	\$190,459,000	\$3,902,000	\$9,307,000	\$21,159,000	\$42,011,000	\$372,640,000
Non-Governmental Grants and Contracts - Non-Business/ Subventions et contrats non gouvernementaux - Autres	\$1,937,000	\$703,000	\$4,973,000	\$4,380,000	\$44,284,000	\$178,622,000	\$16,245,000	\$1,108,000	\$13,794,000	\$28,898,000	\$294,944,000
Other/ Autre	\$971,000	\$88,000	\$3,873,000	\$2,433,000	\$74,436,000	\$16,310,000	\$78,000	\$1,845,000	\$32,804,000	\$5,126,000	\$137,964,000
Total	\$20,517,000	\$1,468,000	\$67,037,000	\$24,298,000	\$569,019,000	\$747,284,000	\$58,571,000	\$63,200,000	\$259,220,000	\$132,987,000	\$1,943,765,000
Share of Canada total/ Proportion du total canadien	1.1%	0.1%	3.4%	1.3%	29.3%	38.4%	3.0%	3.3%	13.3%	6.8%	100.0%
Sponsored Research Income per FT Faculty (2000)/ Revenu de la recherche subventionnée par professeur à TP (2000)	\$39,796	\$12,536	\$51,597	\$27,929	\$158,685	\$88,339	\$57,043	\$58,440	\$182,868	\$72,790	\$103,704
Sponsored Research Income per FTE Enrolment (2000)/ Revenu de la recherche subventionnée par effectif ETP (2000)	\$2,463	\$614	\$2,595	\$1,264	\$7,918	\$4,240	\$3,613	\$3,107	\$8,741	\$3,832	\$5,307

8 International

8.1 Student-Teacher Ratio (1999)¹ Ratio étudiant-enseignant (1999)¹

OECD Countries/ Pays de l'OCDE	Universities ² / Universités ²	College Institutes & Other ³ / Établissements collégiaux et autres ³	All Post-secondary/ Tous les établissements postsecondaires	OECD Countries/ Pays de l'OCDE	Universities ² / Universités ²	College Institutes & Other ³ / Établissements collégiaux et autres ³	All Post-secondary/ Tous les établissements postsecondaires
Canada ⁴ / Canada ⁴	19.5 ⁵	14.5	-	Italy/ Italie	25.6	10.6	24.8
Australia/ Australie	11.8	-	-	Japan/ Japon	13	9.1	11.5
Austria/ Autriche	16.5	-	15	Korea/ Corée	-	-	-
Belgium/ Belgique	-	-	18.1	Netherlands/ Pays-Bas	-	-	12
Czech Republic/ République tchèque	14.8	15.3	14.9	New Zealand/ Nouvelle-Zélande	16	11.3	14.8
Denmark/ Danemark	-	-	-	Norway/ Norvège	-	-	13.4
Finland/ Finlande	15.7	-	-	Spain/ Espagne	17.3	10.2	16.4
France/ France	15.8	21.4	16.9	Sweden/ Suède	9.3	-	9.5
Germany/ Allemagne	12	13.9	12.3	Switzerland/ Suisse	-	-	-
Ireland ⁶ / Irlande ⁶	18.2	15.9	17.3	UK/ Royaume-Uni	-	-	18.5
				US/ États-Unis	15.4	9.8	14

8.2 Proportion of Public and Private Sources of Funds for Educational Institutions in the Post-secondary Sector¹ Proportion des sources de financement publiques et privées des établissements d'enseignement postsecondaire¹

OECD Countries/ Pays de l'OCDE	1995			1998		
	Public Sources/ Sources publiques	Private Sources ² / Sources privées ²	% Private sources subsidized by public sources ³ / % des sources privées subventionnées par des sources publiques ³	Public Sources/ Sources publiques	Private Sources ² / Sources privées ²	% Private sources subsidized by public sources ³ / % des sources privées subventionnées par des sources publiques ³
Canada/ Canada	59.1%	40.9%	-	56.6%	43.4%	26.1%
Australia/ Australie	64.2%	35.8%	8.1%	56.1%	43.9%	12.0%
Austria/ Autriche	97.6%	2.4%	-	98.9%	1.1%	-
Belgium/ Belgique	-	-	-	-	-	-
Czech Republic/ République tchèque	71.0%	29.0%	8.6%	85.9%	14.1%	--
Denmark/ Danemark	-	-	--	97.2%	2.8%	--
Finland/ Finlande	-	-	2.8%	-	-	-
France/ France	84.3%	15.7%	5.0%	85.5%	14.5%	4.2%
Germany/ Allemagne	92.7%	7.3%	--	92.1%	7.9%	--
Ireland/ Irlande	69.7%	30.3%	-	72.6%	27.4%	4.9%
Italy/ Italie	82.8%	17.2%	0.1%	74.7%	25.3%	6.3%
Japan/ Japon	-	-	-	41.7%	58.3%	-
Korea/ Corée	-	-	-	16.7%	83.3%	0.7%
Netherlands/ Pays-Bas ⁴	88.3%	11.7%	10.2%	87.5%	12.5%	9.0%
New Zealand/ Nouvelle-Zélande	-	-	-	-	-	-
Norway/ Norvège	93.6%	6.4%	-	94.0%	6.0%	-
Spain/ Espagne	74.4%	25.6%	2.0%	72.1%	27.9%	3.9%
Sweden/ Suède	-	-	-	89.3%	10.7%	--
Switzerland/ Suisse	-	-	-	98.5%	1.5%	1.5%
UK/ Royaume-Uni	63.9%	36.1%	16.0%	62.7%	37.3%	12.4%
US ⁵ / États-Unis ⁵	-	-	-	46.8%	53.2%	5.7%

8.3 Percentage Female Faculty (1999)¹ Proportion des professeures (1999)¹

OECD Countries/ Pays de l'OCDE	Universities/ Universités	College Institutes & Other/ Établissements collégiaux et autres
Canada ² / Canada ²	26.2	38.7
Australia/ Australie	45.4	-
Austria/ Autriche	25.6	42.9
Belgium ³ / Belgique ³	13.5	41.2
Czech Republic/ République tchèque	50.2	53.9
Denmark/ Danemark	-	-
Finland/ Finlande	44.9	-
France/ France	31.5	41.6
Germany/ Allemagne	26.4	45.3
Ireland/ Irlande	33.4	33.2
Italy/ Italie	28.3	29.9
Japan/ Japon	-	-
Korea/ Corée	24.0	28.8
Netherlands/ Pays-Bas	-	-
New Zealand/ Nouvelle-Zélande	39.6	51.7
Norway/ Norvège	36.0	-
Spain/ Espagne	33.6	49.7
Sweden/ Suède	36.7	-
Switzerland/ Suisse	24.6	-
UK/ Royaume-Uni	32.4	-
US/ États-Unis	37.0	48.7
OECD Average/ Moyenne de l'OCDE	34.1	41.7

8 International

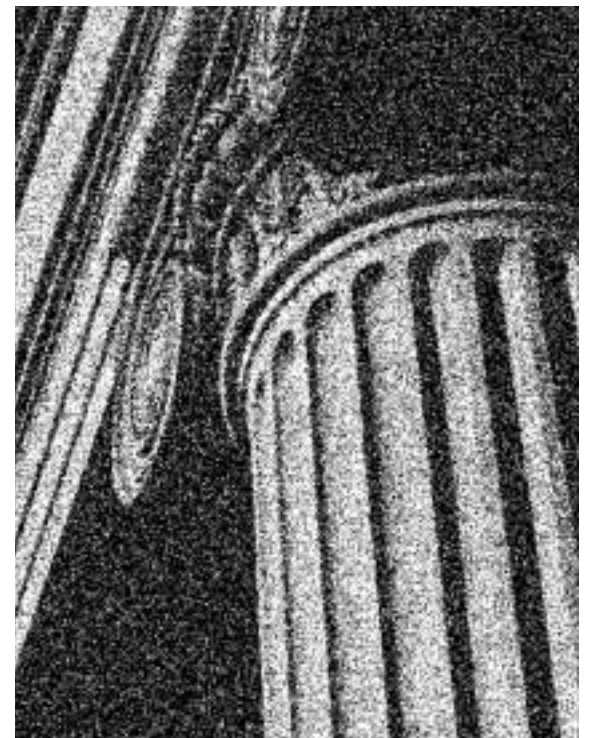
8.4 Average Salaries for Full-time Faculty Members, United States¹, 2000-2001 (US\$) Salaires moyens des professeurs à temps plein, États-Unis¹, 2000-2001 (\$US)

	All/ Tous	Public/ Publics	Private, independent/ Privés et indépendants	Church-related/ Confessionnels		All/ Tous	Public/ Publics	Private, independent/ Privés et indépendants	Church-related/ Confessionnels
Doctoral institutions/ Établissements de troisième cycle					Lecturer/ Chargé de cours	\$37,698	\$35,365	\$44,442	\$33,769
Professor/ Professeur titulaire	\$89,848	\$84,007	\$107,633	\$95,550	No rank/ Aucun rang	\$39,622	\$42,479	\$45,557	\$30,981
Associate professor/ Professeur agrégé	\$62,446	\$60,571	\$70,314	\$65,221	All/ Tous	\$50,378	\$48,901	\$57,629	\$45,960
Assistant professor/ Professeur adjoint	\$52,671	\$50,635	\$60,853	\$53,599	Two-year institutions with academic ranks/ Établissements à programmes de deux ans avec rangs universitaires				
Instructor/ Instructeur	\$36,539	\$35,210	\$42,516	\$45,603	Professor/ Professeur titulaire	\$57,785	\$57,932	\$54,628	\$41,815
Lecturer/ Chargé de cours	\$41,407	\$39,928	\$45,703	\$41,430	Associate professor/ Professeur agrégé	\$47,150	\$47,323	\$45,052	\$38,737
No rank/ Aucun rang	\$32,531	\$29,759	\$44,671	\$69,097	Assistant professor/ Professeur adjoint	\$41,192	\$41,575	\$32,368	\$35,005
All/ Tous	\$68,553	\$64,703	\$82,810	\$71,145	Instructor/ Instructeur	\$35,406	\$35,573	\$27,967	\$31,046
Comprehensive institutions/ Établissements polyvalents					Lecturer/ Chargé de cours	\$35,451	\$35,595	\$30,100	—
Professor/ Professeur titulaire	\$69,917	\$68,828	\$75,143	\$70,523	No rank/ Aucun rang	\$38,513	\$38,533	\$37,863	\$41,685
Associate professor/ Professeur agrégé	\$55,347	\$54,886	\$57,832	\$54,638	All/ Tous	\$46,394	\$46,650	\$40,122	\$36,587
Assistant professor/ Professeur adjoint	\$45,334	\$45,147	\$47,045	\$44,460	Institutions without ranks/ Établissements sans rangs				
Instructor/ Instructeur	\$34,855	\$34,404	\$38,140	\$34,804	No rank/ Aucun rang	\$46,039	\$46,020	\$47,460	\$38,393
Lecturer/ Chargé de cours	\$35,739	\$35,188	\$38,851	\$38,841	Institutions with academic ranks/ Établissements avec rangs universitaires				
No rank/ Aucun rang	\$40,684	\$39,562	\$42,147	\$45,499	Professor/ Professeur titulaire	\$78,912	\$76,147	\$93,244	\$69,327
All/ Tous	\$55,060	\$54,458	\$58,468	\$54,514	Associate professor/ Professeur agrégé	\$57,380	\$57,071	\$62,188	\$53,012
Baccalaureate institutions/ Établissements de premier cycle					Assistant professor/ Professeur adjoint	\$47,358	\$47,195	\$51,727	\$43,018
Professor/ Professeur titulaire	\$64,365	\$62,059	\$74,031	\$57,012	Instructor/ Instructeur	\$35,428	\$34,962	\$39,314	\$34,966
Associate professor/ Professeur agrégé	\$50,253	\$50,811	\$54,933	\$46,598	Lecturer/ Chargé de cours	\$39,295	\$37,926	\$44,675	\$38,974
Assistant professor/ Professeur adjoint	\$41,667	\$42,311	\$44,774	\$39,257	No rank/ Aucun rang	\$35,733	\$33,407	\$44,228	\$36,776
Instructor/ Instructeur	\$34,419	\$34,428	\$36,855	\$33,600	All/ Tous	\$60,070	\$58,709	\$69,917	\$53,288

Appendix Annexe

Maclean's Magazine Classification of Universities (2001) Classement des universités de la revue *Maclean's* (2001)

Medical-Doctoral	Comprehensive	Undergraduate
Dalhousie University	Carleton University	Acadia University
McGill University	Concordia University	Bishop's University
McMaster University	Memorial University of Newfoundland	Brandon University
Queen's University	Simon Fraser University	Brock University
University of Alberta	University of Guelph	Lakehead University
University of British Columbia	University of New Brunswick	Laurentian University of Sudbury – U. Laurentienne de Sudbury
University of Calgary	University of Regina	Mount Allison University
University of Manitoba	University of Victoria	Mount Saint Vincent University
University of Ottawa	University of Waterloo	Nipissing University
University of Saskatchewan	University of Windsor	Ryerson University
University of Toronto	York University	Saint Mary's University
University of Western Ontario		St. Francis Xavier University
Université de Montréal		St. Thomas University
Université Laval		Trent University
Université de Sherbrooke		Université de Moncton
		University of Lethbridge
		University of Northern British Columbia
		University of Prince Edward Island
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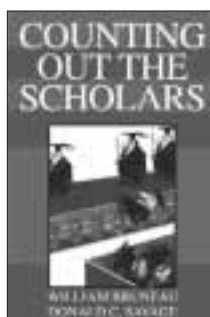
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