



*In collaboration with*

## **HIGHER EDUCATION STRATEGY**

*The opinion surveys were created, collected and managed by*

## **THE STRATEGIC COUNSEL**

*Information pertaining to the*

***Datasets of the GLOBE CAMPUS NAVIGATOR***

Last update: October 2009

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**PROFILE**

**Operating Budget**

Canadian Association of University Business Officers (CAUBO), *Financial Information of Universities and Colleges 2007-08 (for the Fiscal Year Ending in 2008)*, April 2009.  
Table 3.2: Expenditure by Fund: By Type and University  
Column: General Operating Expenditure  
Line 24: Total

**Student Full Time Equivalent**

Part-time enrolment (Statistics Canada, PSIS, see below) divided by 3.5 plus full-time enrolment.

**Total Research**

Canadian Association of University Business Officers (CAUBO), *Financial Information of Universities and Colleges 2007-08 (for the Fiscal Year Ending in 2008)*, April 2009.  
Table 2.2 C: Expenditures by Fund: by Province and by University  
Column: Sponsored research, Total

**Library Holdings**

The Canadian Association of Research Libraries (CARL) provided the most recent statistics from 2006-07 (due for release in the fall of 2009).

**ATHLETICS**

**Athletic Program Results**

Canadian Interuniversity Sport (CIS) data for 2004-2007 calculating the average number of top three finishes in all Canadian varsity sports as a percentage of the total number of sports participated in. The data was constructed by averaging the total number of top three finishes – weighting to account for the importance of winning a title – 3 points for 1<sup>st</sup> (gold), 2 points for 2<sup>nd</sup> (silver) and 1 point for 3<sup>rd</sup> (bronze) – in all Canadian interuniversity sports from 2004-2007 as a percentage of number of sports – male and female – participating in. This number was then weighted by taking into account the total number of other institutions competing in each and every sport. This was done to ensure that top placements in sports with significant competition were accordingly rewarded.

**Athletic Scholarships per Athlete**

Canadian Interuniversity Sport (CIS), Research and Statistics publishes the number of student athletes at every institution and the amount of money distributed to athletic scholarship at every institution. The average is the institution's total

scholarship expenditure divided by the number of athletes for 2007-08. ([www.universitiesport.ca/e/research/index.cfm](http://www.universitiesport.ca/e/research/index.cfm))

## **CLASS SIZE**

### **Average Class Size**

In the Strategic Counsel Survey the following question was asked: "How many students are in each of your classes?" The responses were sorted according to year of study, and averages were computed, along with the spread, whenever a sufficient sample of 200 (e.g. 50 responses x 4 instances per respondent) instances in year 1 and in year 4 existed.

## **COSTS**

### **Student Costs**

Statistics Canada, Survey of Tuition and Living Accommodation Costs for Full-Time Students at Canadian Degree-Granting Institutions, 2008-09.

### **Off Campus Housing**

Canada Mortgage and Housing Corporation (CMHC), *Rental Market Statistics*, Spring 2009. Table 13: Average Rents in Privately Initiated Rental Apartment Structures of Three Units and Over; Table 14: Average Rents in Privately Initiated Rental Apartment Structures of Three Units and Over.

### **Tuition (Field of Study)**

In order to generate an accurate average tuition for each institution and Field of Study tuitions were weighted to enrolment. The two sources of data used in this instance are the 2008-09 tuition data by FOS (Statistics Canada, see above) and the 2007-07 enrolment data by FOS (Statistics Canada, see above). These are the most up to date figures available for both tuition and enrolment in Canada.

### **Institutional Tuition**

The institutional tuition average is calculated from data provided by Statistics Canada, Survey of Tuition and Living Accommodation Costs for Full-Time Students at Canadian Degree-Granting Institutions, 2007-08, which is then weighted according to FOS (see above).

#### **FACULTY**

- Faculty** Canadian Association of University Teachers (CAUT), *Almanac of Post-Secondary Education 2008*, August 2008, Page 15.  
Table 2.12 Full-time University Teachers by Type of Appointment, Institution and Sex, 2005-2006  
Column: Total
- Faculty (Male)** Canadian Association of University Teachers (CAUT), *Almanac of Post-Secondary Education 2008*, August 2008, Page 15.  
Table 2.12 Full-time University Teachers by Type of Appointment, Institution and Sex, 2005-2006  
Column: Total Male
- Faculty with Ph.D., etc.** Available for Ontario institutions only from Common University Data Ontario (CUDO) for 2008
- Faculty (Female)** Canadian Association of University Teachers (CAUT), *Almanac of Post-Secondary Education 2008*, August 2008, Page 15.  
Table 2.12 Full-time University Teachers by Type of Appointment, Institution and Sex, 2005-2006  
Column: Total Female

#### **LIBRARIES**

- Total Library Expenditures** Canadian Association of University Business Officers (CAUBO), *Financial Information of Universities and Colleges 2007-08 (for the Fiscal Year Ending in 2008)*, April 2009.  
Report 3.4: General Operating Expenditures by Function: By Type and by University  
Column: Library  
Line 24: Total
- Total Library Expenditures per Student** Total Library Expenditures (CAUBO, 2007-08, see above) divided by the total enrolment (part-time and full-time, undergraduate and graduate (Statistics Canada, PSIS, 2006-07, see below).
- Library Holdings** The Canadian Association of Research Libraries (CARL) provided the most recent statistics from 2006-07 (due for release in the fall of 2009).

**RESEARCH PERFORMANCE**

<b>Total Granting Council Funding</b>	SSHRC, NSERC and CIHR expenditure tables for 2007-2008 Canada Research Chair, Indirect Costs of Research and Network Centres of Excellence expenditures are excluded.
<b>Total Granting Council per Faculty</b>	Total Granting Council funding (CIHR, NSERC and SSHRC, 2007-08, see above) divided by the number of Faculty (CAUT, Almanac 2008, see above).
<b>Total Research</b>	Canadian Association of University Business Officers (CAUBO), <i>Financial Information of Universities and Colleges 2007-08 (for the Fiscal Year Ending in 2008)</i> , April 2009. Table 2.2 C: Expenditures by Fund: by Province and by University Column: Sponsored research, Total
<b>Total Research per Faculty</b>	Total Research Funding (CAUBO, 2007-08, see above) divided by the number of Faculty (CAUT, Almanac 2008, see above).
<b>Number of Publications</b>	Canadian Bibliometric Database built by the Observatoire des sciences et des technologies (OST), with data up to 2007
<b>Average Relative Impact Factor</b>	Canadian Bibliometric Database built by the Observatoire des sciences et des technologies (OST), with data up to 2007
<b>Number of Citations</b>	Canadian Bibliometric Database built by the Observatoire des sciences et des technologies (OST), with data up to 2007

**STUDENT ENROLMENT**

<b>Female Students, Full-Time</b>	Statistics Canada, Post-Secondary Information System (PSIS), 2006-07
<b>Female Students, Part-Time</b>	Statistics Canada, Post-Secondary Information System (PSIS), 2006-07
<b>Male Students, Full-Time</b>	Statistics Canada, Post-Secondary Information System (PSIS), 2006-07
<b>Male Students, Part-Time</b>	Statistics Canada, Post-Secondary Information System (PSIS), 2006-07

<b>Undergraduate Enrolments</b>	Statistics Canada, Post-Secondary Information System (PSIS), 2006-07, full-time plus part-time undergraduate
<b>Graduate / Professional Enrolments</b>	Statistics Canada, Post-Secondary Information System (PSIS), 2006-07
<b>Total Enrolments</b>	Statistics Canada, Post-Secondary Information System (PSIS), 2006-07

### Field of Study

#### Field of Study (FOS)

In order to provide more detailed data at a sub-institutional level, Higher Education Strategy (HES) has now begun providing data at a Field of Study (FOS) level. Because different data sources categorize fields of study differently, we have had to map various systems of categorization into a single system. As a result HES created a master mapping of seven FOS in Canada: Education; Visual and Performing Arts; Arts (Humanities and Social Sciences); Business and Commerce; Sciences (Physical, Mathematical, Computer, Agricultural); Architecture and Engineering; Health and Fitness.

What follows below is a précis of how FOS categorization in other surveys or sources of administrative data have been mapped onto the 7 Globe and Mail *Navigator* FOSs

Statistics Canada (Tuition)	Globe and Mail <i>Navigator</i>
Education	Education
Visual & performing Arts, and Comm. Technologies	Visual and Performing Arts
Humanities	Arts (Humanities and Social Sciences)
Social and Behavioural Science	Arts (Humanities and Social Sciences)
Business, Management and Public Administration	Business and Commerce
Physical and Life Sciences and Technologies	Sciences (Physical, Mathematical, Computer, Agricultural)

Math, Computer, and Information Sciences	Sciences (Physical, Mathematical, Computer, Agricultural)
Engineering	Architecture and Engineering
Architecture and Related Technologies	Architecture and Engineering
Agriculture, Natural Resources and Conservation	Sciences (Physical, Mathematical, Computer, Agricultural)
Parks, Recreation, Health (other than medicine) and Fitness	Health and Fitness

<b>Statistics Canada (PSIS Enrolment Data)</b>	<b>Globe and Mail <i>Navigator</i></b>
Agriculture, Agriculture Operations and Related Sciences	Sciences (Physical, Mathematical, Computer, Agricultural)
Natural Resources and Conservation	Sciences (Physical, Mathematical, Computer, Agricultural)
Area, Ethnic, Cultural and Gender Studies	Arts (Humanities and Social Sciences)
Computer and Information Sciences and Support Services	Sciences (Physical, Mathematical, Computer, Agricultural)
Communication, Journalism, and Related Programs	Arts (Humanities and Social Sciences)
Education	Education
Engineering	Architecture and Engineering
Engineering Technologies/Technicians	Architecture and Engineering
Aboriginal and Foreign Languages, Literatures and Linguistics	Arts (Humanities and Social Sciences)
English Language and Literature/Letters	Arts (Humanities and Social Sciences)
Liberal Arts and Sciences, General Studies and Humanities	Arts (Humanities and Social Sciences)
Biological and Biomedical Sciences	Sciences (Physical, Mathematical, Computer, Agricultural)
Mathematics and Statistics	Sciences (Physical, Mathematical, Computer, Agricultural)
Parks, Recreation, Leisure and Fitness Studies	Health and Fitness
Personal Awareness and Self-improvement	Arts (Humanities and Social Sciences)
Philosophy and Religious Studies	Arts (Humanities and Social Sciences)
Physical Sciences	Sciences (Physical, Mathematical,

	Computer, Agricultural)
Psychology	Arts (Humanities and Social Sciences)
Security and Protective Services	Arts (Humanities and Social Sciences)
Public Administration and Social Service Professions	Arts (Humanities and Social Sciences)
Social Sciences	Arts (Humanities and Social Sciences)
Visual and Performing Arts	Visual and Performing Arts
Health Professions and Related Clinical Sciences	Health and Fitness
Business, Management, Marketing and Related Support Services	Business and Commerce
History	Arts (Humanities and Social Sciences)
French Language and Literature/Letters	Arts (Humanities and Social Sciences)

<b>Strategic Counsel (2006 University Report Card)</b>	<b>Globe and Mail Navigator</b>
Education	Education
Fine Arts	Visual and Performing Arts
Music	Visual and Performing Arts
Arts/ humanities	Arts (Humanities and Social Sciences)
Theology	Arts (Humanities and Social Sciences)
Social Science	Arts (Humanities and Social Sciences)
Communications	Arts (Humanities and Social Sciences)
Business and Commerce	Business and Commerce
Science	Sciences (Physical, Mathematical, Computer, Agricultural)
Computer Science	Sciences (Physical, Mathematical, Computer, Agricultural)
Architecture	Architecture and Engineering
Engineering	Architecture and Engineering
Health Sciences	Health and Fitness
Physical and Health Education	Health and Fitness

<b>Strategic Counsel (2007 University Report Card)</b>	<b>Globe and Mail Navigator</b>
Education	Education
Fine Arts	Visual and Performing Arts
Music	Visual and Performing Arts
Arts/ humanities	Arts (Humanities and Social Sciences)
Theology	Arts (Humanities and Social Sciences)

Social Science	Arts (Humanities and Social Sciences)
Business and Commerce	Business and Commerce
Science	Sciences (Physical, Mathematical, Computer, Agricultural)
Engineering	Architecture and Engineering
Health Science	Health and Fitness
Physical and Health Education	Health and Fitness

<b>Common University Data Ontario (CUDO)</b>	<b>Globe and Mail Navigator</b>
Agriculture and Biological Science	Sciences (Physical, Mathematical, Computer, Agricultural)
Architecture	Architecture and Engineering
Business and Commerce	Business and Commerce
Computer Science	Sciences (Physical, Mathematical, Computer, Agricultural)
Education	Education
Engineering	Architecture and Engineering
Fine and Applied Arts	Arts (Humanities and Social Sciences)
Food and Nutrition Science	Sciences (Physical, Mathematical, Computer, Agricultural)
Forestry	Sciences (Physical, Mathematical, Computer, Agricultural)
Humanities	Arts (Humanities and Social Sciences)
Journalism	Arts (Humanities and Social Sciences)
Kinesiology, Recreation, and Physical Education	Health and Fitness
Mathematics	Sciences (Physical, Mathematical, Computer, Agricultural)
Nursing	Health and Fitness
Other Arts and Sciences	Arts (Humanities and Social Sciences)
Other Health Professions	Health and Fitness
Pharmacy	Sciences (Physical, Mathematical, Computer, Agricultural)
Physical Science	Sciences (Physical, Mathematical, Computer, Agricultural)
Social Science	Arts (Humanities and Social Sciences)
Theology	Arts (Humanities and Social Sciences)
Therapy and Rehabilitation	Health and Fitness