

# Statistical Profile of New Brunswick's Publicly Funded Universities



*Academic Year 2010 – 2011*

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*Academic Year 2010 – 2011*

Province of New Brunswick  
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# Introduction

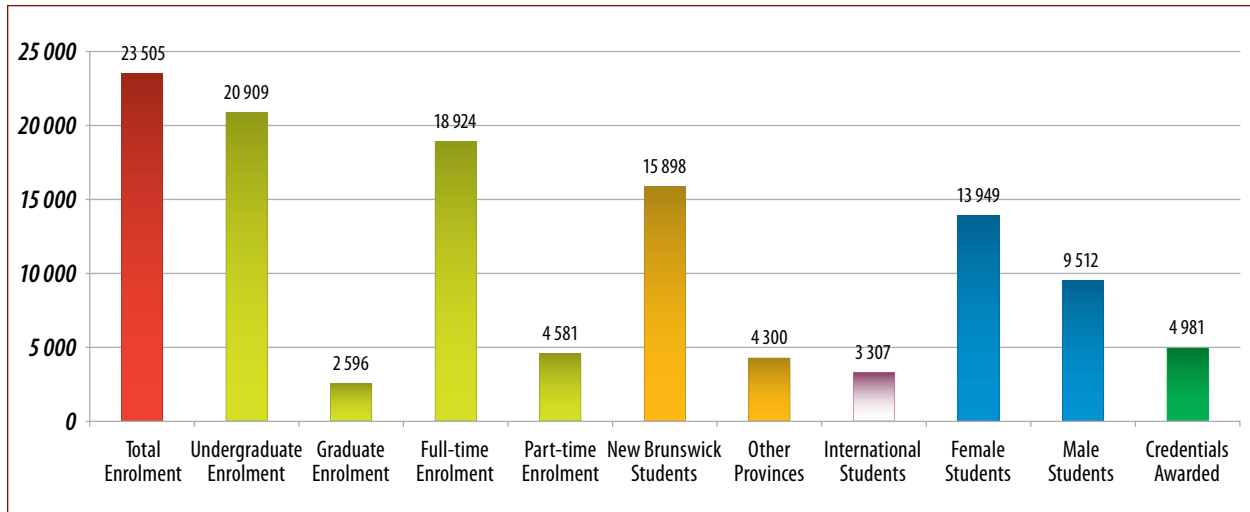
This statistical profile was developed in consultation with staff of New Brunswick's four publicly funded universities, the Maritime Provinces Higher Education Commission (MPHEC), and the Department of Post-Secondary Education, Training and Labour (PETL) for the 2010 – 2011 academic year.

This profile is designed to provide insight into the publicly funded university system in New Brunswick and thus facilitate policy development by institutions and governments and alignment of future priorities in the sector. It provides a baseline by which to measure progress in years to come and a source for key performance indicators for the sector. It achieves this by consolidating and simplifying existing information regarding the sector and by making it accessible to a wide audience.

The data that forms the basis of this document has been obtained from the Canadian Association of University Business Officers (CAUBO) and the Maritime Provinces Higher Education Commission (MPHEC), and is publicly available. It has been compiled by PETL staff. Readers may wish to access more detailed data through any of the aforementioned agencies.

## Figure 1: Consolidated enrolment characteristics

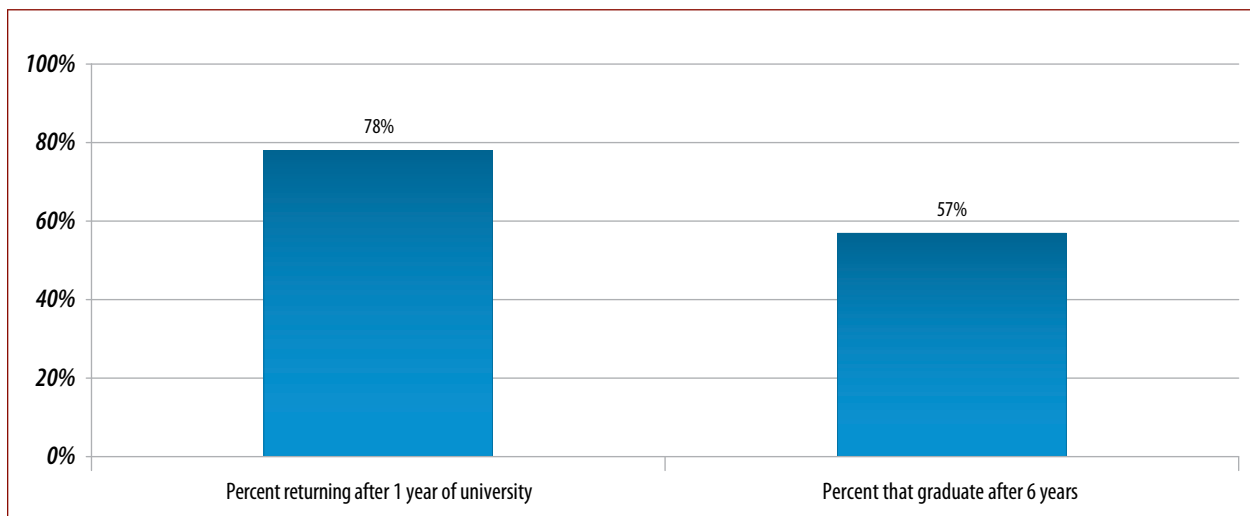
This figure presents various attributes related to the student population within New Brunswick's publicly funded universities for the academic year 2010 – 2011. Additional enrolment details can be found within this section.



MPHEC, Enrolment Database 2006 – 2007 to 2010 – 2011  
<http://www.mphec.ca/research/enrolment.aspx>

## Figure 2: Persistence

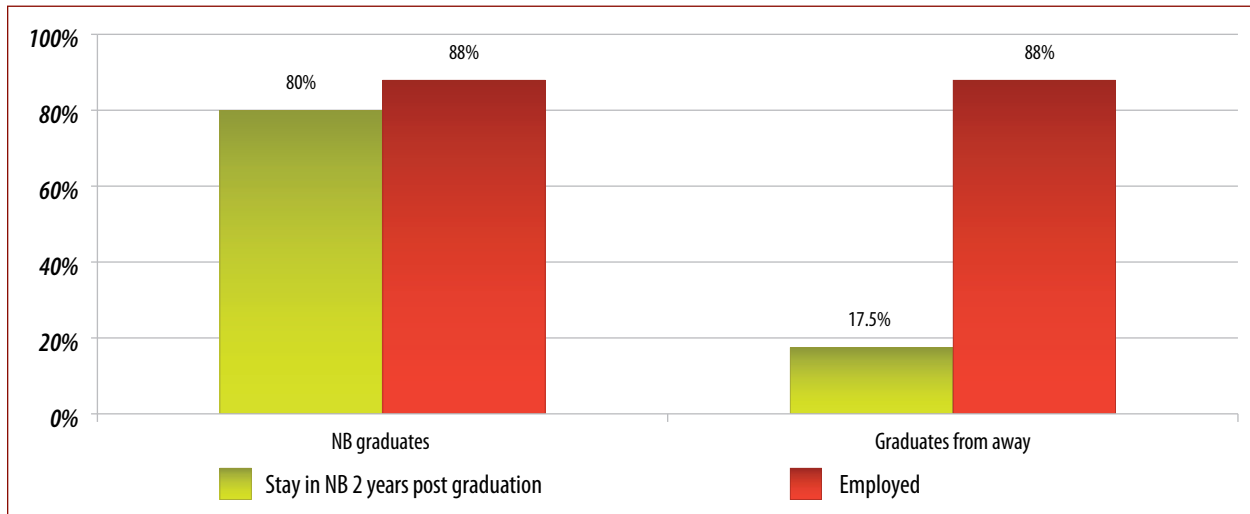
after one year and graduation rate after six years. **Persistence** is defined as the percent of the cohort that enrolled in the same institution in subsequent years, regardless of registration status or field of study. Graduation rate is measured only within the institution of first entry.<sup>1</sup>



MPHEC, PSIS Data

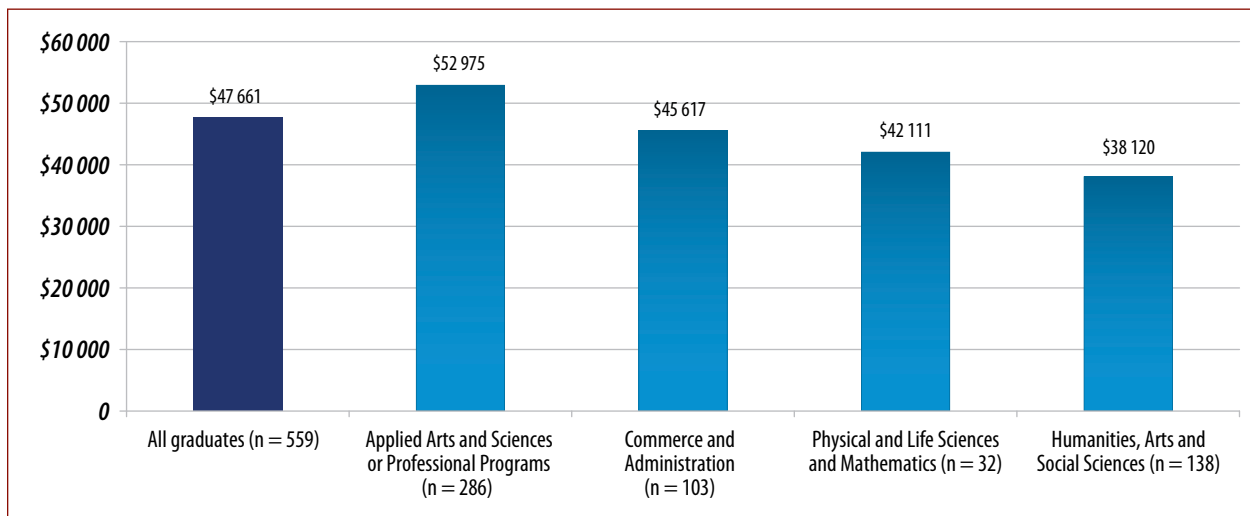
<sup>1</sup> Graduation rate is underestimated as it only captures students at the undergraduate level who graduated from a program after six years in the same institution in which they were initially registered.

**Figure 3: Employment rate and mobility**  
of graduates 2 years post graduation, class of 2007.



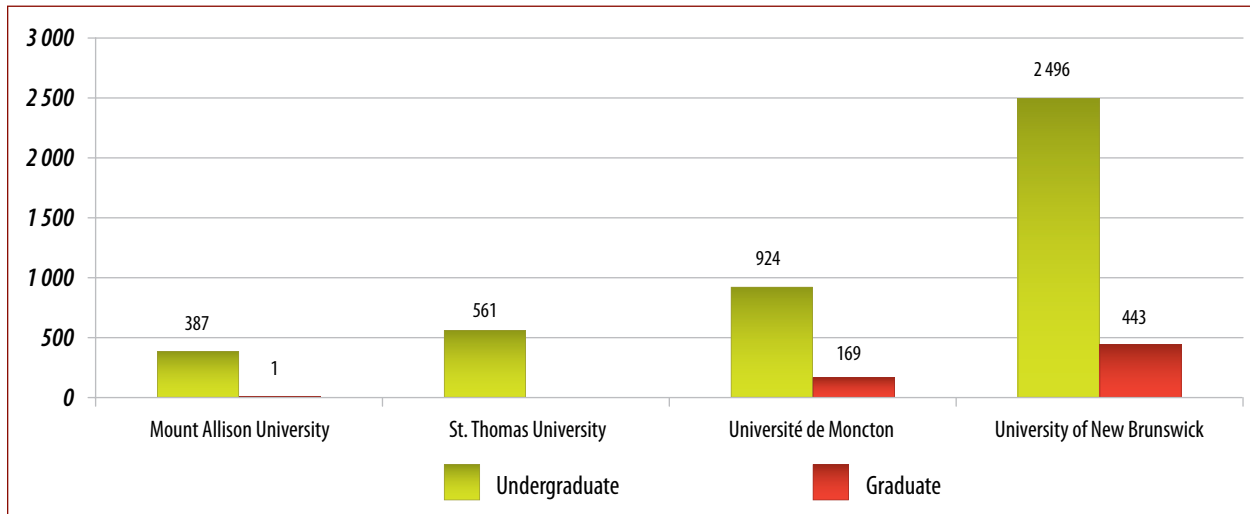
MPHEC, PSIS Data

**Figure 4: Employment earnings**  
Mean annualized full-time earnings by discipline cluster, graduates surveyed two years after graduation, class of 2007.



MPHEC Two Years on: A Survey of Class of 2007 Maritime University Graduates  
<http://www.mphec.ca/resources/GFU2007in2009ProvEng.pdf>

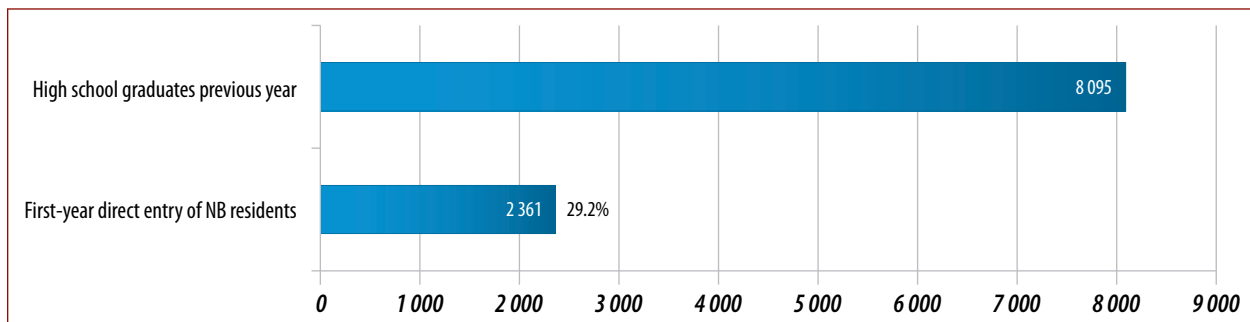
**Figure 5: Total number of credentials awarded**  
by level and institution.



MPHEC, Credentials granted; aggregated by level of study, major field of study and gender 2006 – 2010  
<http://www.mph.ec.ca/research/credentialsgranted.aspx>

**Figure 6: Direct Entry Rate**

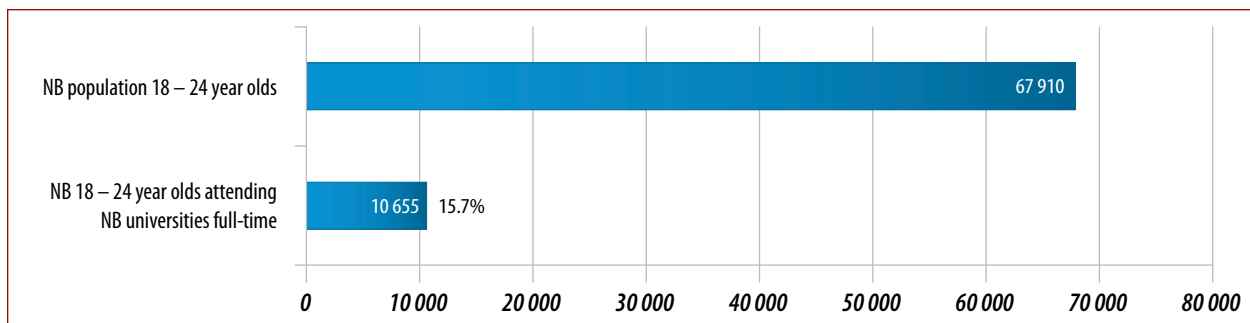
First year direct entry full-time students in year n divided by the number of provincial high school graduates in year n-1.



MPHEC, Measures of Student Progress and Outcomes. February 2012  
[http://www.mph.ec.ca/resources/Participation\\_Tables\\_Feb2012\\_En.pdf](http://www.mph.ec.ca/resources/Participation_Tables_Feb2012_En.pdf)

**Figure 7: Home Province 18 – 24 Participation**

The number of New Brunswick students aged 18 – 24 enrolled full-time in a New Brunswick University divided by the provincial population aged 18 – 24.

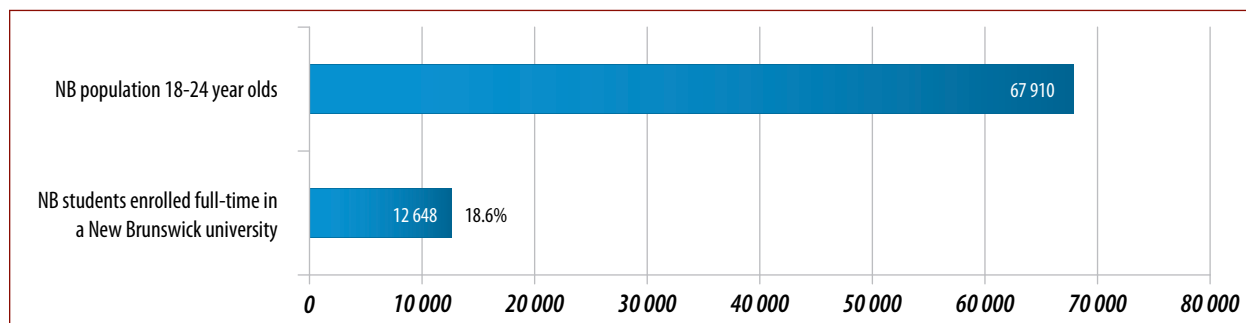


MPHEC, Measures of Student Progress and Outcomes. February 2012  
[http://www.mph.ec.ca/resources/Participation\\_Tables\\_Feb2012\\_En.pdf](http://www.mph.ec.ca/resources/Participation_Tables_Feb2012_En.pdf)



## Figure 8: Home Province Participation

The number of New Brunswick students enrolled full-time in a New Brunswick university divided by provincial population aged 18 – 24.



MPHEC, Measures of Student Progress and Outcomes. February 2012  
[http://www.mphec.ca/resources/Participation\\_Tables\\_Feb2012\\_En.pdf](http://www.mphec.ca/resources/Participation_Tables_Feb2012_En.pdf)

## Figure 9: Graduates who would choose the same institution

Percent of graduates reporting they would have chosen the same university again.

All graduates (n = 1047)	81%
Commerce and Administration (n = 183)	77%
Applied Arts and Sciences or Professional Programs (n = 473)	83%
Physical and Life Sciences and Mathematics (n = 86)	80%
Humanities, Arts and Social Sciences (n = 300)	80%

MPHEC

## Figure 10: Graduate satisfaction with instruction by cluster

Percent who were satisfied or very satisfied with the quality of teaching in most of their classes.

All graduates (n = 1047)	93%
Commerce and Administration (n = 183)	94%
Applied Arts and Sciences or Professional Programs (n = 473)	92%
Physical and Life Sciences and Mathematics (n = 86)	95%
Humanities, Arts and Social Sciences (n = 300)	95%

MPHEC

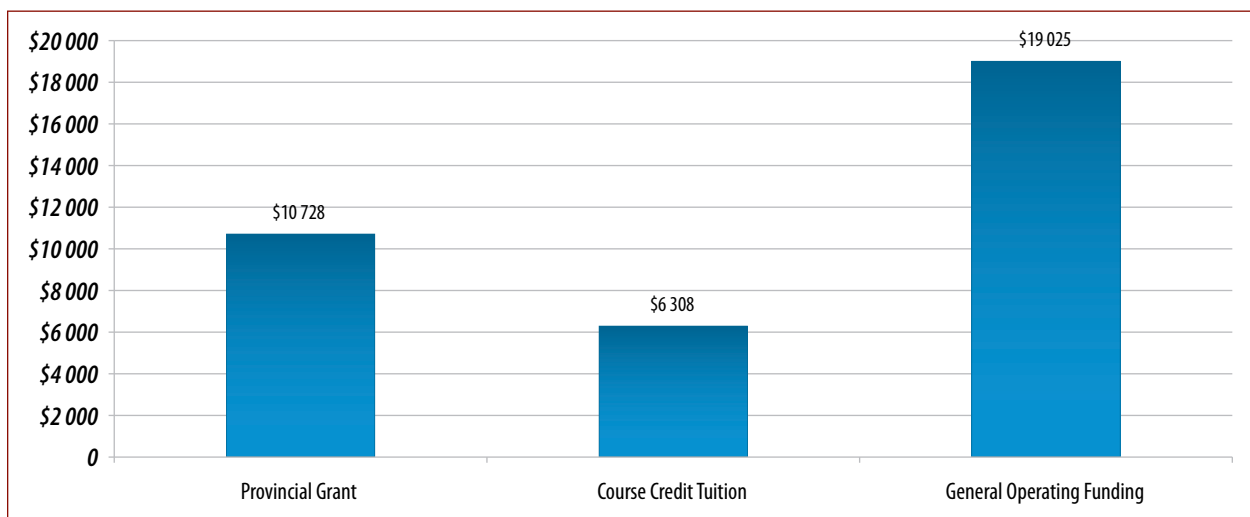
**Figure 11: Income by source**

Public Universities Revenue	Source	Percent	Per Full Time Student**
Provincial Grant	\$213 582 000	56.4%	\$10 729
Course Credit Tuition	\$125 579 000	33.2%	\$6 308
Other Funding*	\$39 583 000	10.5%	\$1 988
<b>Total General Operating Funding</b>	<b>\$378 744 000</b>		<b>\$19 025</b>

\* Includes all other sources of operational revenue  
 \*\* Total Full-Time FTE = 19 907 Students [http://www.mphec.ca/resources/Enr\\_Table4\\_2010\\_2011E.pdf](http://www.mphec.ca/resources/Enr_Table4_2010_2011E.pdf)

CAUBO, 2011, Report 3.1, Income by Fund  
[http://www.caubo.ca/resources/publications/financial\\_information\\_universities](http://www.caubo.ca/resources/publications/financial_information_universities)

**Figure 12: Average dollars per FTE, general operating funds**



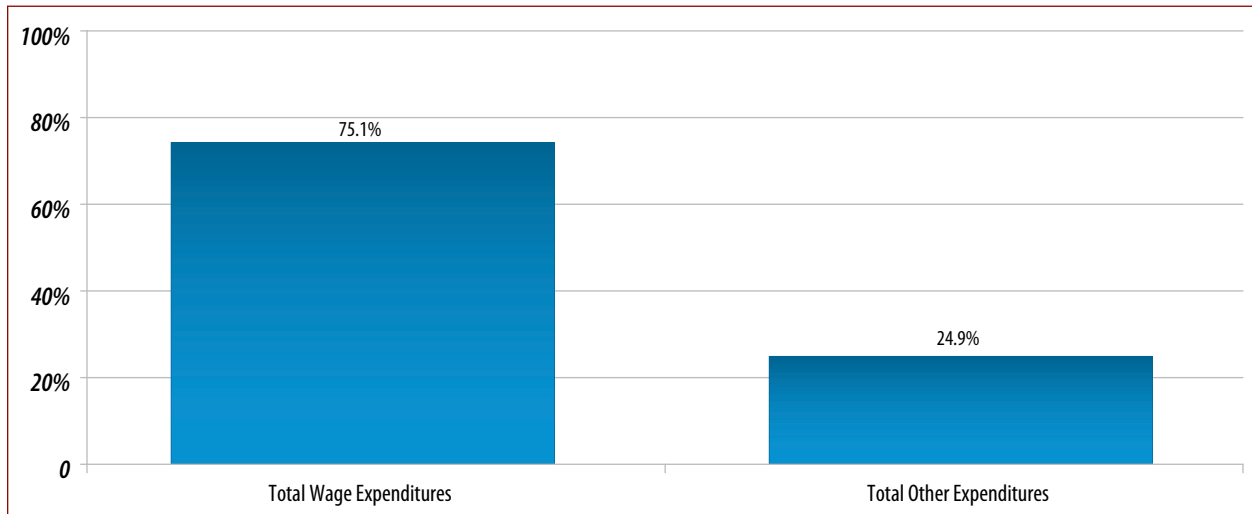
Source data Figure 11

**Figure 13: Expenditures by source**

Year 2011	Expenditures by source General Operating	
Line Items	General Operating	%
Academic Ranks	\$137 776 000	38.1%
Other salaries and wages	\$93 527 000	25.9%
Benefits	\$33 925 000	9.4%
Other Instruction & Research	\$6 384 000	1.8%
<b>Subtotal: Salary Expenditures</b>	<b>\$271 612 000</b>	<b>75.1%</b>
Other Expenditures	\$90 137 000	24.9%
<b>Total Expenditures</b>	<b>\$361 749 000</b>	<b>100.0%</b>

CAUBO, 2011 Report 3.2 Expenditures by Fund  
[http://www.caubo.ca/resources/publications/financial\\_information\\_universities](http://www.caubo.ca/resources/publications/financial_information_universities)

**Figure 14: Expenditure**  
as a percent of total general operating expenditures.



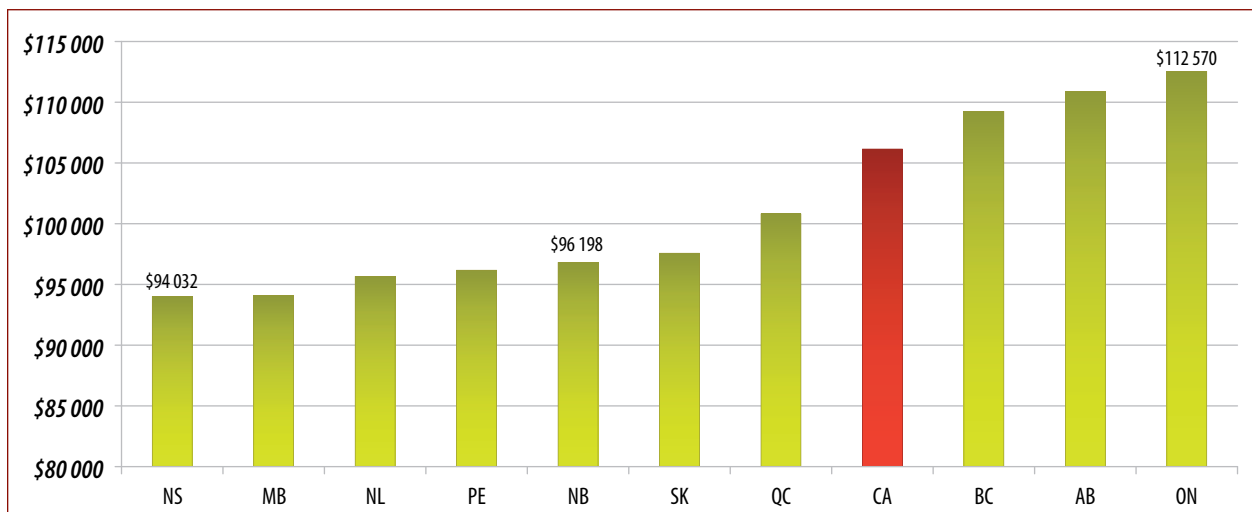
Source data Figure 13

**Figure 15: Number of full-time faculty**  
by rank for New Brunswick universities.

Number of Faculty by Rank	2009 – 2010
Full Professor	436
Associate Professor	396
Assistant Professor	222
Other ranks	159
<b>Total Rank</b>	<b>1 213</b>

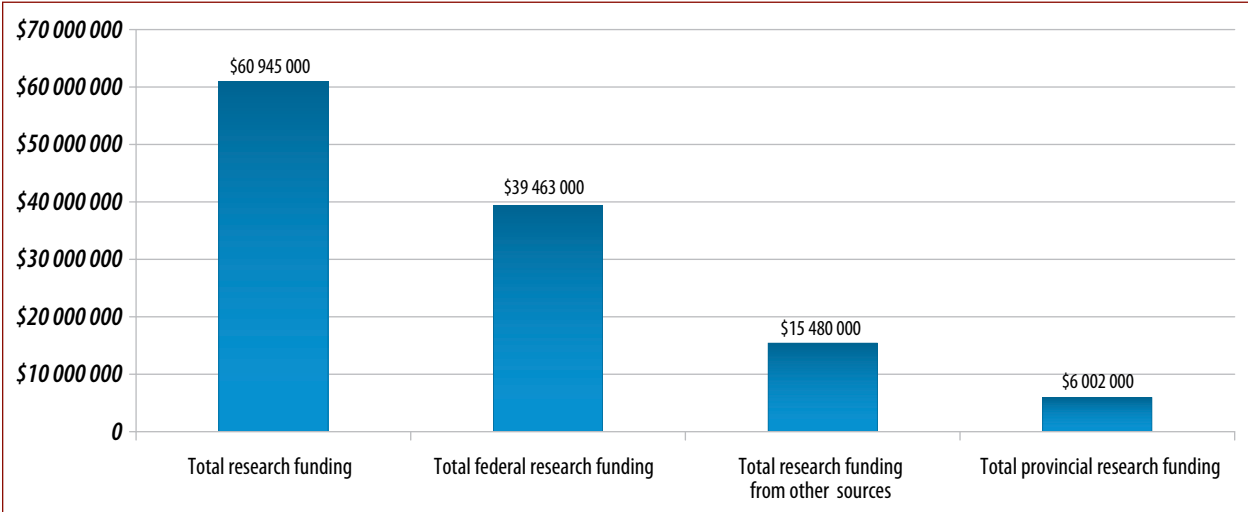
Statistics Canada, Figure 477-0017

**Figure 16: Average faculty salaries**  
by province.



Statistics Canada

**Figure 17: Research income to New Brunswick Universities**  
by source.



CAUBO, 2011, Report 3.1, Income by Fund  
[http://www.caubo.ca/resources/publications/financial\\_information\\_universities](http://www.caubo.ca/resources/publications/financial_information_universities)

# Definitions

A) *For Figures 1 and 5; regarding enrolment characteristics and credential awarded.*

**Full-time Undergraduate Student:** A person who is enrolled in a program of study who is taking at least 60% of the normal course work associated with a program year.

**Part-time Undergraduate Student:** A person who is enrolled part-time in courses which are normally recognized by the institution as acceptable credits towards an approved degree, certificate or diploma program. The part-time undergraduate student is a person taking less than 60% of the normal course work associated with a program year.

**Full-time Graduate Student:** A person who is enrolled in a program of study who makes substantial demands upon the resources of an institution such as enrolling in courses and/or engaging in research or writing a thesis under continuing supervision.

**Part-time Graduate Student:** A person who is enrolled part-time at an institution in an approved graduate degree, certificate or diploma program. Part-time graduate students fall into two main categories:

- Students who have completed their required course work and who are writing their thesis; and,
- Students who have not completed their course work and are presently taking courses and/or working on their thesis.

**Credentials awarded:** The number of credentials (bachelor/first professional, undergraduate certificate/diploma, masters, graduate certificate/diploma and doctorate) granted by the institution.

B) *For figures 6, 7 and 8; related to participation profiles.*

**Direct entry rate:** Number of first year direct entry (determined by proxy: age  $\leq$  18 years as of December 31st) full-time students in year n divided by the number of high school graduates in year n-1.

**Home Province:** Students studying within their province of residents.

**Home Province participation rate:** Number of students enrolled full-time in their home province by the provincial population aged 18 – 24.

C) *For figure 2; related to persistence and graduation.*

**Persistence** is defined as the percent of the cohort that enrolled in the same institution in subsequent years, regardless of registration status or field of study. That is, the changed programs. Students who “stop out” (i.e., leave the institution for a year or more but return) are counted when they re-enroll, with the exception of students who complete a degree and enroll again at the same institution. Persistence is measured in the fall term.

**Graduation rate:** Percent of direct entry students completing a 4-year bachelor degree within 6 years.

D) *For figures 3, 4, 9 and 10; related to graduate follow up survey.*

**Employment rate:** The number of graduates employed during the reference week expressed as a percentage of the total number of graduates in the labour force.

**Employment outcomes:** Mean annualized earnings of first-degree holders (among those employed full-time).

**Retention rate in province:** Proportion of New Brunswick graduates residing in the province two years after completing their first degree (based on residence 12 months prior to admission to first degree).

**Student satisfaction:** Percentage of students who would chose the same institution if they could do it over again.

**Student assessment of quality of instruction:** Percentage of students who rated the quality of teaching in their program positively (most of the student’s classes).