

TRENDS

IN MARITIME HIGHER EDUCATION

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UNIVERSITY ENROLMENT - 2013-2014

- ⇒ In 2013-14, 69,664 students were enrolled in Maritime universities. Following four years of year-over-year increases total enrolment was down 1.1% compared to 2012-13 and down 4.1% compared to 2003-04.
- ⇒ In **New Brunswick**, 21,223 students were enrolled in 2013-14; down 3.4% since 2012-13. Total enrolment has decreased steadily over the last 10 years; down 14.1% since 2003-04. The number of Canadian students from all origins decreased over the last 10 years. NB residents: - 19.1%, NS and PE residents: -20.5%, Canadians from outside Maritimes: -16.5%. In contrast, the number of international students increased by 41.3% over 10 years.
- ⇒ In **Nova Scotia**, 44,227 students were enrolled in 2013-14; up 0.3% since 2012-13; total enrolment decreased earlier this decade, from 2004-05 to 2008-09, but has since recovered; up 0.3% compared to 10 years earlier. The number of NS residents enrolled has dropped by 17.7% over 10 years, and the number of students from the NB and PE decreased by 3.7%. Since 2003-04, the number of Canadian students from outside the Maritimes increased by 18.9% and the number of international students increased by 90.5%. Together these two groups of students have compensated for the loss in the number of Maritimers, bringing total enrolment back up to 2003-04 levels.
- ⇒ In **Prince Edward Island**, 4,214 students were enrolled in 2013-14; down 3.9% since 2012-13. Total enrolment was up 9.7% compared to 10 years earlier. Enrolment of Maritimers increased between 2008-09 and 2011-12 and then started to decline. Compared to 2003-04, home province enrolment was down 4.3%, the number of other Maritimers was up 19.6%, and the number of Canadian students from outside the Maritimes was up 24.3%. The number of international students has increased every year since 2003-04, tripling over the last 10 years.
- ⇒ The decrease in enrolment of Maritimers occurred ahead of a demographic decline in the university-aged population, which started in 2012. In 2013-14, there were 5,876 fewer Maritimers enrolled full-time in Maritime universities compared to 2003-04. The participation rate of Maritimers in Maritime universities¹ decreased from 25.3% in 2003-04 to 22.4% in 2013-14.
 - ◆ The decrease in the number of New-Brunswickers in the region's universities is evenly caused by a demographic decline (the number of 18-24 year olds down 6% over 10 years) and by a declining participation rate (down 1.7 percentage points (p.p.) over the same period).
 - ◆ The 18-24 year old population in NS was the same in 2013-14 as in 2003-04. The decline in the number of NS residents in the region's universities can be attributed to a decline in participation rate (down 4.1 p.p. over 10 years).
 - ◆ The 18-24 population in PE has increased by 3% since 2003-04, but the enrolment of PE residents enrolled in Maritime universities has decreased over 10 years. The Maritime participation rate of Islanders decreased 1.8 p.p. since 2003-04.
 - ◆ The number of 18-24 year olds in the Maritimes is projected to decrease by 15% over the next 10 years². If 2013-14 participation rates are maintained, we can expect a decrease of 5,700 Maritimers enrolled full-time in the region's universities by 2024-25.
- ⇒ The student population in Maritime universities has gone through a substantial shift, especially over the last five years (between 2008-09 and 2013-14): The percentage of students from the Maritimes decreased from 72% to 65%, the percentage of Canadian students from outside the Maritimes increased from 19% to 20%, and the percentage of international students increased from 9% to 15%.
- ⇒ The gender ratio has also shifted in the last five years from 40% to 42% Male. This shift is linked to the increase in the number of international students, who are more likely to be male.
- ⇒ Enrolment trends differ between fields of study:
 - ◆ Enrolment in Humanities and General Arts is down 31% over 10 years (since 2003-04) and -17.3% over five years (since 2008-09).
 - ◆ Enrolment in Health programs has increased steadily since 2003-04; up 21% over 10 years and 8.9% over five years.
 - ◆ Enrolment in Sciences, Engineering, Mathematics and related programs was declining or stable in the earlier part of the last decade, but has increased since 2008-09: Physical and Life Sciences +15.1%; Architecture/Engineering +27%; Mathematics/Computer Science +35.7%.
 - ◆ Enrolment in Social and Behavioural Sciences showed a similar pattern decreasing until 2008-2009, but increasing +8.3% over the last five years.
 - ◆ The downward trend in enrolment in Business programs has also shifted over the last five years. Enrolment has increased 14.9% since 2008-09. This shift is linked to the increase in the number of International students who are more likely to enroll in Business programs.
 - ◆ Education programs shows the opposite trend. Enrolment which was increasing 10 years ago, is down 30.9% since 2008-09.

How to read the tables

Enrolment statistics are reported at the provincial and Maritime-level for the 2013-14 fall term. The percent change over one, five and 10 years (change since 2012-13, 2008-09 and 2003-04 respectively) is provided to illustrate major trends. Below each summary table is the title of a corresponding table on the MPHEC website with a breakdown by university and/or other variables available at: <http://www.mphec.ca/research/maritimeuniversitystatistics/enrolment.aspx>

TOTAL ENROLMENT BY PROVINCE OF STUDY

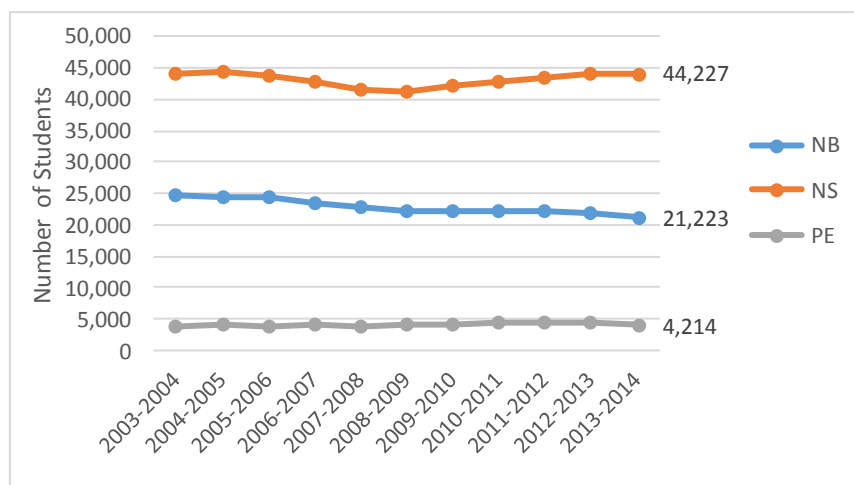


Table 1: Total Enrolment by Province, Institution, and Registration Status

FULL-TIME EQUIVALENTS (DECEMBER 1 ST)	FTE	Change over		
	2013-2014	1 year	5 years	10 years
New Brunswick	18,498.20	-3.5%	-2.5%	-11.6%
Nova Scotia	38,472.74	0.4%	9.7%	2.5%
Prince Edward Island	3,768.37	-2.1%	7.5%	12.4%
Maritimes	60,739.31	-1.0%	5.5%	-1.7%

Table 4: Total Full-Time Equivalent (FTE) as of December 1st, by Province, Institution, and Registration Status

TOTAL UNDERGRADUATE ENROLMENT		Enrolment 2013-2014	Change over		
			1 year	5 years	10 years
New Brunswick	Total	18,818	-3.1%	-5.8%	-17.1%
	Full-time	16,272	-3.6%	-2.5%	-13.1%
	Part-time	2,546	-0.1%	-22.5%	-36.0%
Nova Scotia	Total	36,945	0.0%	6.9%	-2.6%
	Full-time	32,461	0.5%	10.1%	0.5%
	Part-time	4,484	-3.6%	-11.9%	-20.2%
Prince Edward Island	Total	3,879	-4.6%	0.9%	5.0%
	Full-time	3,364	-2.5%	4.9%	5.7%
	Part-time	515	-16.7%	-19.3%	0.6%
Maritimes	Total	59,642	-1.3%	2.1%	-7.3%
	Full-time	52,097	-1.0%	5.5%	-3.9%
	Part-time	7,545	-3.5%	-16.3%	-25.4%

Table 2: Total Undergraduate Enrolment by Province, Institution, and Registration Status

TOTAL GRADUATE ENROLMENT		Enrolment 2013-2014	Change over		
			1 year	5 years	10 years
New Brunswick	Total	2,405	-5.8%	6.7%	19.2%
	Full-time	1,409	-1.5%	-1.6%	5.8%
	Part-time	996	-11.2%	21.2%	45.2%
Nova Scotia	Total	7,282	2.2%	8.2%	18.1%
	Full-time	4,333	0.4%	14.3%	28.6%
	Part-time	2,949	5.1%	0.3%	5.4%
Prince Edward Island	Total	335	5.7%	17.1%	127.9%
	Full-time	320	10.0%	95.1%	416.1%
	Part-time	15	-42.3%	-87.7%	-82.4%
Maritimes	Total	10,022	0.3%	8.1%	20.3%
	Full-time	6,062	0.4%	12.6%	27.3%
	Part-time	3,960	0.2%	2.0%	11.0%

Table 3: Total Graduate Enrolment by Province, Institution, and Registration Status

ENROLMENT BY STUDENT ORIGIN	UNDERGRADUATE				GRADUATE				TOTAL			
	Enrolment 2013-2014	Change over			Enrolment 2013-2014	Change over			Enrolment 2013-2014	Change over		
		1 year	5 years	10 years		1 year	5 years	10 years		1 year	5 years	10 years
New Brunswick	18,818	-3.1%	-5.8%	-17.1%	2,405	-5.8%	6.7%	19.2%	21,223	-3.4%	-4.5%	-14.1%
Home Province Residents*	12,811	-5.2%	-12.1%	-20.7%	1,342	-10.4%	-6.8%	0.9%	14,153	-5.7%	-11.6%	-19.1%
Other Maritimers	1,926	-1.1%	-7.6%	-22.3%	132	-9.6%	2.3%	18.9%	2,058	-1.7%	-7.0%	-20.5%
Other Canadians	1,910	-1.4%	-5.3%	-19.8%	309	-5.2%	10.8%	12.8%	2,219	-1.9%	-3.3%	-16.5%
International†	2,171	7.2%	67.4%	29.8%	622	6.7%	53.2%	105.3%	2,793	7.1%	64.0%	41.3%
Nova Scotia	36,945	0.0%	6.9%	-2.6%	7,282	2.2%	8.2%	18.1%	44,227	0.3%	7.1%	0.3%
Home Province Residents*	19,299	-2.3%	-5.8%	-20.7%	3,270	2.8%	-1.8%	5.5%	22,569	-1.6%	-5.3%	-17.7%
Other Maritimers	2,692	-0.2%	-2.5%	-11.1%	607	-6.9%	2.9%	52.9%	3,299	-1.5%	-1.6%	-3.7%
Other Canadians	9,272	1.3%	12.4%	20.2%	2,081	2.7%	1.0%	13.5%	11,353	1.6%	10.1%	18.9%
International†	5,682	6.4%	84.8%	100.1%	1,324	4.8%	77.0%	58.0%	7,006	6.1%	83.3%	90.5%
Prince Edward Island	3,879	-4.6%	0.9%	5.0%	335	5.7%	17.1%	127.9%	4,214	-3.9%	2.0%	9.7%
Home Province Residents*	2,653	-7.9%	-7.9%	-8.9%	213	5.4%	19.0%	163.0%	2,866	-7.0%	-6.3%	-4.3%
Other Maritimers	465	0.6%	21.4%	15.7%	35	12.9%	34.6%	118.8%	500	1.4%	22.2%	19.6%
Other Canadians	274	7.5%	0.4%	21.8%	43	2.4%	-27.1%	43.3%	317	6.7%	-4.5%	24.3%
International†	487	3.4%	58.1%	212.2%	44	4.8%	100.0%	120.0%	531	3.5%	60.9%	201.7%
Maritimes	59,642	-1.3%	2.1%	-7.3%	10,022	0.3%	8.1%	20.3%	69,664	-1.1%	3.0%	-4.1%
New Brunswick ‡	15,053	-4.4%	-10.4%	-19.3%	1,787	-7.6%	-4.2%	11.3%	16,840	-4.8%	-9.8%	-16.9%
Nova Scotia‡	20,971	-2.4%	-5.9%	-20.7%	3,392	2.6%	-1.6%	6.8%	24,363	-1.8%	-5.3%	-17.7%
Prince Edward Island‡	3,822	-5.0%	-6.5%	-9.5%	420	-10.3%	10.2%	66.7%	4,242	-5.5%	-5.0%	-5.2%
Other Canadians	11,456	1.0%	8.7%	11.0%	2,433	1.6%	1.4%	13.9%	13,889	1.1%	7.4%	11.5%
International†	8,340	6.4%	78.2%	78.6%	1,990	5.4%	69.2%	71.4%	10,330	6.2%	76.4%	77.2%

*Students enrolled within their permanent province of residence declared at admission; †Excludes students enrolled in offshore programs; ‡Provincial residents enrolled at all Maritime universities

Table 5: Enrolment of International Students by Province, Institution, Reg. Status, and % of Total; Table 7: Total Enrolment by Province, Immigration Status, Province of Origin, and Level of Study

ENROLMENT BY GENDER*		Enrolment 2013-2014	Change over		
			1 year	5 years	10 years
New Brunswick	Female	12,065	-4.5%	-8.9%	-17.4%
	Male	9,103	-2.1%	1.7%	-9.9%
Nova Scotia	Female	25,443	0.3%	4.1%	-2.8%
	Male	18,760	0.5%	11.8%	4.7%
Prince Edward Island	Female	2,631	-5.2%	-0.3%	6.0%
	Male	1,583	-1.7%	6.0%	16.2%
Maritimes	Female	40,139	-1.6%	-0.5%	-7.2%
	Male	29,446	-0.5%	8.2%	0.2%

*Students with gender "not reported" are excluded

Table 8: Total Enrolment by Province, Institution, and Gender

Table 9: Total Enrolment by Province, Field of Study, and Gender

FULL-TIME ENROLMENT BY AGE GROUP*		Enrolment 2013-2014	Change over		
			1 year	5 years	10 years
New Brunswick	19 or younger	5,611	-3.7%	-2.5%	-11.0%
	20-24 years old	9,181	-2.9%	-0.3%	-11.6%
	25 or older	2,887	-4.8%	-8.2%	-12.2%
Nova Scotia	19 or younger	9,936	-0.3%	3.6%	-7.0%
	20-24 years old	19,495	1.1%	14.4%	8.8%
	25 or older	7,359	-0.1%	10.9%	4.9%
Prince Edward Island	19 or younger	1,055	-2.9%	-4.7%	-0.8%
	20-24 years old	1,814	-2.5%	8.9%	12.0%
	25 or older	815	2.6%	36.5%	44.8%
Maritimes	19 or younger	16,602	-1.6%	0.9%	-8.0%
	20-24 years old	30,490	-0.3%	9.2%	1.9%
	25 or older	11,061	-1.2%	6.6%	1.8%

*Students with age "not reported" are excluded

Table 10: Full-time Enrolment by Province, Institution, and Age Group

ENROLMENT BY MAJOR FIELD OF STUDY ³	Enrolment 2013-2014	1 year	Change over 5 years	10 years
New Brunswick				
Agriculture, natural resources and conservation	317	-3.1%	0.6%	-12.9%
Architecture, engineering, and related technologies	2,126	-1.7%	17.8%	10.0%
Business, management and public administration	3,444	-2.6%	1.2%	-16.4%
Education	1,387	-11.6%	-41.2%	-38.3%
Health and related fields	2,872	-4.1%	-1.1%	6.4%
Humanities*	3,810	-10.1%	-19.9%	-27.4%
Mathematics, computer and information sciences	689	13.3%	52.4%	-24.2%
Physical and life sciences and technologies†	2157	-0.4%	12.6%	7.2%
Social and behavioural sciences and law	2,294	2.5%	9.8%	-4.0%
Visual and performing arts	344	-5.2%	0.9%	-5.5%
Other/Not applicable	1,783	0.3%	-5.6%	-26.5%
Nova Scotia				
Agriculture, natural resources and conservation	1,371	-0.9%	30.4%	40.5%
Architecture, engineering, and related technologies	3,136	3.6%	34.9%	48.3%
Business, management and public administration	9,187	3.0%	22.4%	26.2%
Education	2,358	-2.8%	-23.9%	-5.3%
Health and related fields	6,731	0.4%	12.0%	26.4%
Humanities*	6,317	-10.1%	-15.8%	-32.6%
Mathematics, computer and information sciences	1,224	7.7%	27.9%	-28.7%
Physical and life sciences and technologies†	5527	5.1%	17.0%	5.0%
Social and behavioural sciences and law	5,425	3.0%	7.1%	-9.7%
Visual and performing arts	1,078	-7.5%	-14.8%	-20.6%
Other/Not applicable	1,873	6.5%	3.7%	-14.2%
Prince Edward Island				
Agriculture, natural resources and conservation	19	18.8%	N/A	N/A
Architecture, engineering, and related technologies	95	-6.9%	8.0%	-10.4%
Business, management and public administration	741	-3.8%	1.1%	2.5%
Education	282	-21.2%	-24.8%	8.0%
Health and related fields	793	2.6%	24.5%	33.7%
Humanities*	698	-13.7%	-16.3%	-31.3%
Mathematics, computer and information sciences	115	36.9%	33.7%	74.2%
Physical and life sciences and technologies†	764	-2.4%	9.6%	10.2%
Social and behavioural sciences and law	449	-0.7%	15.7%	40.3%
Visual and performing arts	42	2.4%	7.7%	20.0%
Other/Not applicable	216	9.6%	-15.0%	620.0%

*Includes General Arts; †Includes General Sciences ; N/A Not Applicable

ENROLMENT BY MAJOR FIELD OF STUDY	Enrolment 2013-2014	1 year	Change over 5 years	10 years
Maritimes				
Agriculture, natural resources and conservation	1,707	-1.2%	25.0%	27.4%
Architecture, engineering, and related technologies	5,357	1.2%	27.0%	29.0%
Business, management and public administration	13,372	1.1%	14.9%	10.3%
Education	4,027	-7.5%	-30.9%	-19.5%
Health and related fields	10,396	-0.7%	8.9%	20.6%
Humanities*	10,825	-10.3%	-17.3%	-30.8%
Mathematics, computer and information sciences	2,028	10.9%	35.7%	-24.6%
Physical and life sciences and technologies†	8448	2.9%	15.1%	6.0%
Social and behavioural sciences and law	8,168	2.7%	8.3%	-6.3%
Visual and performing arts	1,464	-6.8%	-11.0%	-16.7%
Other/Not applicable	3,872	3.7%	-1.9%	-16.5%

Table 6: Total Enrolment by Province, Major Field of Study, and Level of Study

Notes

1. The Maritime participation rate is calculated as the number of provincial residents enrolled full-time in any Maritime university divided by the provincial population aged 18-24 years.
2. Statistics Canada CANSIM table 520005; medium growth scenario.
3. New major field of study categories, based on the Classification of Instructional Program (CIP) Canada 2011 primary groupings, are used in all MPHEC publications starting in September 2014 and they may not be comparable to previous years. For more information on the CIP 2011 Primary Groupings please visit Statistics Canada's website

Additional Resources

Ten standard tables and two Microsoft Excel databases, with a breakdown by university and other variables, are available for download at:

<http://www.mphec.ca/research/maritimeuniversitystatistics/enrolment.aspx>

University enrolment is calculated from data in the MPHEC postsecondary student information system (PSIS), which contains detailed information on demographics, programs and courses for all students enrolled in 15 publicly-funded Maritime universities.

The Commission monitors participation rates in Maritime universities. Statistical tables are available for download at: <http://www.mphec.ca/research/Participation.aspx>