

TRENDS IN MARITIME HIGHER EDUCATION

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UNIVERSITY ENROLMENT 2016 - 2017

In 2016-17, **66,306** students were enrolled in Maritime universities, down 0.8% from last year. This decline was present at the undergraduate level (-1.3%), but at the graduate level, enrolment was up 2.3% from 2015-2016. Overall, the trend of enrolment declines among Maritime residents continued, decreasing 1.4% from 2015-2016, and 19.2% from ten years ago. These declines have been partially offset by increasing enrolment among international students, which was up 3.2% from last year, and 84.9% from ten years ago. Enrolment among non-Maritime Canadians was down 2.1% from last year, but is up from five and ten years ago (0.4% and 6.6%, respectively).

As has been the case in recent years, a declining university participation rate among Maritime residents contributes to the decrease seen in local student enrolment. In 2016-2017, the 21.7% rate was down 0.1 percentage points from 2015-2016, 1.5 from 2011-2012, and 3.0 from 2006-2007. Overall, enrolment in STEM programs is increasing: 2.1% from last year, 10.7% from five years ago, and 23.5% from ten years ago, while it is decreasing in Non-STEM programs: -1.9%, -10.9%, and -13.4%, respectively.

The overall enrolment trends varied by province:

New Brunswick experienced another decline in total enrolment this year, down 2.5% from last year to 18,910.

Enrolment declined for home province residents (-2.8%), other Maritimers (-0.6%), and international students (-8.9%), but increased for Canadian students from outside the Maritimes by 4.7%, with the majority of those students (42%) coming from Ontario.

Nova Scotia had a slight enrolment decrease from last year, 0.2% to 43,199. The decline was evident for Nova Scotians (-1.0%) and for Canadians from outside the Maritimes (-3.3%), but the province's institutions experienced increased enrolment from the other Maritime provinces (0.6%) and international students (6.3%), most notably from China.

Prince Edward Island was the only Maritime province to have an enrolment increase in 2016-2017. Enrolment increased slightly, by 0.2%, to 4,197. The overall increase was driven entirely by an 11.4% increase in enrolment of international students from last year. This continues the province's increased international enrolment over the last ten years (+217.6%).

New Brunswick				
Change Over:	1 year	5 years	10 Years	
Total Enrolment	▼ -2.5%	▼ -15.0%	▼ -19.0%	
NB Residents	▼ -2.8%	▼ -20.4%	▼ -25.9%	
Other Maritimers	▼ -0.6%	▼ -10.3%	▼ -18.7%	
Other Canadians	▲ 4.7%	▲ 4.8%	▼ -1.1%	
International	▼ -8.9%	▼ -1.8%	▲ 18.4%	
Home Province Participation Rate	▼ -0.1 pts	▼ -2.1 pts	▼ -3.1 pts	

Nova Scotia				
Change Over:	1 year	5 years	10 Years	
Total Enrolment	▼ -0.2%	▼ -0.9%	▲ 0.9%	
NS Residents	▼ -1.0%	▼ -10.1%	▼ -16.8%	
Other Maritimers	▲ 0.6%	▼ -6.1%	▼ -10.7%	
Other Canadians	▼ -3.3%	▼ -1.3%	▲ 7.3%	
International	▲ 6.3%	▲ 39.5%	▲ 109.0%	
Home Province Participation Rate	▼ -0.2 pts	▼ -0.8 pts	▼ -2.5 pts	

Prince Edward Island				
Change Over:	1 year	5 years	10 Years	
Total Enrolment	▲ 0.2%	▼ -6.7%	▲ 4.7%	
PEI Residents	▼ -1.3%	▼ -24.2%	▼ -20.6%	
Other Maritimers	▼ -1.5%	▲ 16.1%	▲ 39.3%	
Other Canadians	▼ -7.9%	▲ 31.3%	▲ 45.1%	
International	▲ 11.4%	▲ 63.3%	▲ 217.6%	
Home Province Participation Rate	▼ -0.2 pts	▼ -3.9 pts	▼ -3.8 pts	

Maritimes				
Change Over:	1 year	5 years	10 Years	
Total Enrolment	▼ -0.8%	▼ -5.7%	▼ -5.5%	
NB Residents	▼ -2.5%	▼ -17.6%	▼ -23.2%	
NS Residents	▼ -0.8%	▼ -9.7%	▼ -16.4%	
PEI Residents	▼ -0.7%	▼ -21.2%	▼ -19.3%	
Other Canadians	▼ -2.1%	▲ 0.4%	▲ 6.6%	
International	▲ 3.2%	▲ 29.8%	▲ 84.9%	
Maritime Participation Rate	▼ -0.1 pts	▼ -1.5 pts	▼ -3.0 pts	

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ENROLMENT BY REGISTRATION STATUS		UNDERGRADUATE ENROLMENT			
		Enrolment	Change Over		
			2016-2017	1 year	5 years
New Brunswick	Total	16,678	▼ -3.0%	▼ -15.1%	▼ -21.3%
	Full-time	14,694	▼ -2.8%	▼ -12.8%	▼ -17.2%
	Part-time	1,984	▼ -4.6%	▼ -29.2%	▼ -42.4%
Nova Scotia	Total	36,042	▼ -0.7%	▼ -1.7%	▼ -1.1%
	Full-time	31,704	▼ -1.0%	▼ -1.1%	▲ 1.5%
	Part-time	4,338	▲ 1.8%	▼ -5.7%	▼ -17.0%
Prince Edward Island	Total	3,745	▲ 0.3%	▼ -10.2%	▼ -0.6%
	Full-time	3,287	▲ 2.0%	▼ -5.4%	▲ 3.6%
	Part-time	458	▼ -10.5%	▼ -34.4%	▼ -23.0%
Maritimes	Total	56,465	▼ -1.3%	▼ -6.6%	▼ -8.1%
	Full-time	49,685	▼ -1.4%	▼ -5.1%	▼ -4.7%
	Part-time	6,780	▼ -1.1%	▼ -16.3%	▼ -26.8%

GRADUATE ENROLMENT				
Enrolment	Change Over			
	2016-2017	1 year	5 years	10 years
2,232	▲ 1.8%	▼ -14.3%	▲ 3.6%	
1,386	▲ 0.9%	▼ -9.1%	▼ -4.0%	
846	▲ 3.4%	▼ -21.5%	▲ 19.2%	
7,157	▲ 2.6%	▲ 3.5%	▲ 12.4%	
4,452	▲ 3.2%	▲ 10.3%	▲ 24.4%	
2,705	▲ 1.5%	▼ -6.1%	▼ -3.0%	
452	▼ -0.4%	▲ 37.4%	▲ 89.1%	
446	▲ 2.3%	▲ 54.9%	▲ 123.0%	
6	▼ -66.7%	▼ -85.4%	▼ -84.6%	
9,841	▲ 2.3%	▼ -0.1%	▲ 12.3%	
6,284	▲ 2.6%	▲ 7.4%	▲ 20.3%	
3,557	▲ 1.6%	▼ -11.1%	▲ 0.5%	

TOTAL ENROLMENT				
Enrolment	Change Over			
	2016-2017	1 year	5 years	10 years
18,910	▼ -2.5%	▼ -15.0%	▼ -19.0%	
16,080	▼ -2.5%	▼ -12.5%	▼ -16.3%	
2,830	▼ -2.3%	▼ -27.0%	▼ -31.8%	
43,199	▼ -0.2%	▼ -0.9%	▲ 0.9%	
36,156	▼ -0.5%	▲ 0.2%	▲ 3.9%	
7,043	▲ 1.7%	▼ -5.9%	▼ -12.1%	
4,197	▲ 0.2%	▼ -6.7%	▲ 4.7%	
3,733	▲ 2.1%	▼ -0.7%	▲ 10.6%	
464	▼ -12.5%	▼ -37.2%	▼ -26.8%	
66,306	▼ -0.8%	▼ -5.7%	▼ -5.5%	
55,969	▼ -0.9%	▼ -3.9%	▼ -2.5%	
10,337	▼ -0.2%	▼ -14.6%	▼ -19.3%	

FULL-TIME EQUIVALENTS (DECEMBER 1 ST)		FTE 2016-2017	Change Over		
			1 year	5 years	10 years
New Brunswick		16,757.71	▼ -2.4%	▼ -12.9%	▼ -16.3%
Nova Scotia		37,713.90	▼ -0.4%	▼ -0.3%	▲ 3.1%
Prince Edward Island		3,803.99	▲ 1.6%	▼ -2.0%	▲ 9.5%
Maritimes		58,275.60	▼ -0.9%	▼ -4.4%	▼ -3.0%

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

ENROLMENT BY GENDER ¹		Enrolment 2016-2017	Change Over		
			1 year	5 years	10 years
New Brunswick	Female	10,726	▼ -2.4%	▼ -16.4%	▼ -22.4%
	Male	8,141	▼ -2.8%	▼ -13.4%	▼ -14.5%
Nova Scotia	Female	25,037	▲ 0.2%	▼ -1.3%	▼ -1.4%
	Male	18,133	▼ -0.8%	▼ -0.3%	▲ 4.4%
Prince Edward Island	Female	2,583	▼ -0.5%	▼ -8.8%	▼ -0.9%
	Male	1,614	▲ 1.4%	▼ -3.3%	▲ 15.2%
Maritimes	Female	38,346	▼ -0.5%	▼ -6.5%	▼ -8.3%
	Male	27,888	▼ -1.3%	▼ -4.7%	▼ -1.4%

¹ 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

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

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

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

FULL-TIME ENROLMENT BY AGE GROUP ²		Enrolment 2016-2017	Change Over		
			1 year	5 years	10 years
New Brunswick	19 or younger	5,123	▲ 1.7%	▼ -11.7%	▼ -9.9%
	20-24 years old	8,261	▼ -5.3%	▼ -12.7%	▼ -18.8%
	25 or older	2,694	▼ -1.7%	▼ -13.2%	▼ -18.6%
Nova Scotia	19 or younger	9,650	▼ -1.8%	▼ -2.6%	▲ 3.0%
	20-24 years old	19,151	▲ 0.8%	▲ 0.6%	▲ 3.2%
	25 or older	7,350	▼ -2.2%	▲ 3.0%	▲ 7.2%
Prince Edward Island	19 or younger	1,023	▲ 2.6%	▼ -8.3%	▲ 1.8%
	20-24 years old	1,810	▲ 2.3%	▼ -4.5%	▲ 6.4%
	25 or older	899	▲ 1.0%	▲ 19.9%	▲ 35.0%
Maritimes	19 or younger	15,796	▼ -0.4%	▼ -6.1%	▼ -1.7%
	20-24 years old	29,222	▼ -0.9%	▼ -3.8%	▼ -4.0%
	25 or older	10,943	▼ -1.8%	▼ -0.4%	▲ 1.0%

² Students with age "not reported" are excluded

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

How to read the tables

Enrolment statistics are reported at the provincial and Maritime level for the 2016-17 fall term. The percent change over one, five and 10 years (change since 2015-16, 2011-12 and 2006-07, 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 other variables available at:

<http://www.mph.ec.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.

ENROLMENT BY STUDENT ORIGIN	UNDERGRADUATE ENROLMENT				GRADUATE ENROLMENT				TOTAL ENROLMENT			
	ENROLMENT 2016-2017	Change Over			ENROLMENT 2016-2017	Change Over			ENROLMENT 2016-2017	Change Over		
		1 year	5 years	10 years		1 year	5 years	10 years		1 year	5 years	10 years
New Brunswick	16,678	▼ -3.0%	▼ -15.1%	▼ -21.3%	2,232	▲ 1.8%	▼ -14.3%	▲ 3.6%	18,910	▼ -2.5%	▼ -15.0%	▼ -19.0%
Home Province Residents ³	11,179	▼ -2.8%	▼ -19.9%	▼ -27.2%	1,204	▼ -2.1%	▼ -24.8%	▼ -11.7%	12,383	▼ -2.8%	▼ -20.4%	▼ -25.9%
Other Maritimers	1,809	▼ -0.7%	▼ -10.0%	▼ -19.4%	131	▲ 0.8%	▼ -13.8%	▼ -7.1%	1,940	▼ -0.6%	▼ -10.3%	▼ -18.7%
Other Canadians	1,930	▲ 2.9%	▲ 2.2%	▼ -6.2%	374	▲ 14.7%	▲ 20.3%	▲ 37.5%	2,304	▲ 4.7%	▲ 4.8%	▼ -1.1%
International ⁴	1,760	▼ -12.0%	▼ -1.5%	▲ 13.5%	523	▲ 3.4%	▼ -3.0%	▲ 38.7%	2,283	▼ -8.9%	▼ -1.8%	▲ 18.4%
Nova Scotia	36,042	▼ -0.7%	▼ -1.7%	▼ -1.1%	7,157	▲ 2.6%	▲ 3.5%	▲ 12.4%	43,199	▼ -0.2%	▼ -0.9%	▲ 0.9%
Home Province Residents	18,082	▼ -0.8%	▼ -10.3%	▼ -18.2%	2,932	▼ -1.8%	▼ -8.7%	▼ -7.4%	21,014	▼ -1.0%	▼ -10.1%	▼ -16.8%
Other Maritimers	2,603	▲ 0.9%	▼ -4.1%	▼ -12.9%	530	▼ -1.1%	▼ -14.7%	▲ 1.9%	3,133	▲ 0.6%	▼ -6.1%	▼ -10.7%
Other Canadians	8,693	▼ -5.1%	▼ -3.2%	▲ 6.2%	2,182	▲ 4.6%	▲ 6.7%	▲ 11.7%	10,875	▼ -3.3%	▼ -1.3%	▲ 7.3%
International	6,664	▲ 5.4%	▲ 38.1%	▲ 109.3%	1,513	▲ 10.4%	▲ 45.6%	▲ 107.8%	8,177	▲ 6.3%	▲ 39.5%	▲ 109.0%
Prince Edward Island	3,745	▲ 0.3%	▼ -10.2%	▼ -0.6%	452	▼ -0.4%	▲ 37.4%	▲ 89.1%	4,197	▲ 0.2%	▼ -6.7%	▲ 4.7%
Home Province Residents	2,240	▼ -0.6%	▼ -26.0%	▼ -25.0%	219	▼ -8.4%	▲ 0.9%	▲ 95.5%	2,459	▼ -1.3%	▼ -24.2%	▼ -20.6%
Other Maritimers	491	▼ -3.2%	▲ 11.8%	▲ 35.6%	51	▲ 18.6%	▲ 82.1%	▲ 88.9%	542	▼ -1.5%	▲ 16.1%	▲ 39.3%
Other Canadians	300	▼ -11.0%	▲ 21.0%	▲ 53.8%	86	▲ 4.9%	▲ 87.0%	▲ 21.1%	386	▼ -7.9%	▲ 31.3%	▲ 45.1%
International	714	▲ 12.1%	▲ 55.9%	▲ 215.9%	96	▲ 6.7%	▲ 152.6%	▲ 231.0%	810	▲ 11.4%	▲ 63.3%	▲ 217.6%
Maritimes	56,465	▼ -1.3%	▼ -6.6%	▼ -8.1%	9,841	▲ 2.3%	▼ -0.1%	▲ 12.3%	66,306	▼ -0.8%	▼ -5.7%	▼ -5.5%
New Brunswick ⁵	13,365	▼ -2.4%	▼ -17.3%	▼ -24.8%	1,610	▼ -2.7%	▼ -20.3%	▼ -6.9%	14,975	▼ -2.5%	▼ -17.6%	▼ -23.2%
Nova Scotia	19,746	▼ -0.7%	▼ -9.9%	▼ -17.7%	3,061	▼ -1.4%	▼ -8.4%	▼ -7.0%	22,807	▼ -0.8%	▼ -9.7%	▼ -16.4%
Prince Edward Island	3,293	▼ -0.5%	▼ -21.9%	▼ -22.6%	396	▼ -2.5%	▼ -15.6%	▲ 26.5%	3,689	▼ -0.7%	▼ -21.2%	▼ -19.3%
Other Canadians	10,923	▼ -3.9%	▼ -1.7%	▲ 4.7%	2,642	▲ 5.9%	▲ 10.0%	▲ 15.1%	13,565	▼ -2.1%	▲ 0.4%	▲ 6.6%
International	9,138	▲ 2.0%	▲ 29.3%	▲ 84.2%	2,132	▲ 8.4%	▲ 31.9%	▲ 88.0%	11,270	▲ 3.2%	▲ 29.8%	▲ 84.9%

³ Students enrolled within their permanent province of residence declared at admission; ⁴ Excludes students enrolled in offshore programs; ⁵ Provincial residents enrolled at all Maritime universities

Table 5: Enrolment of International Students by Province, Institution, Reg. Status, and % of Total Enrolment

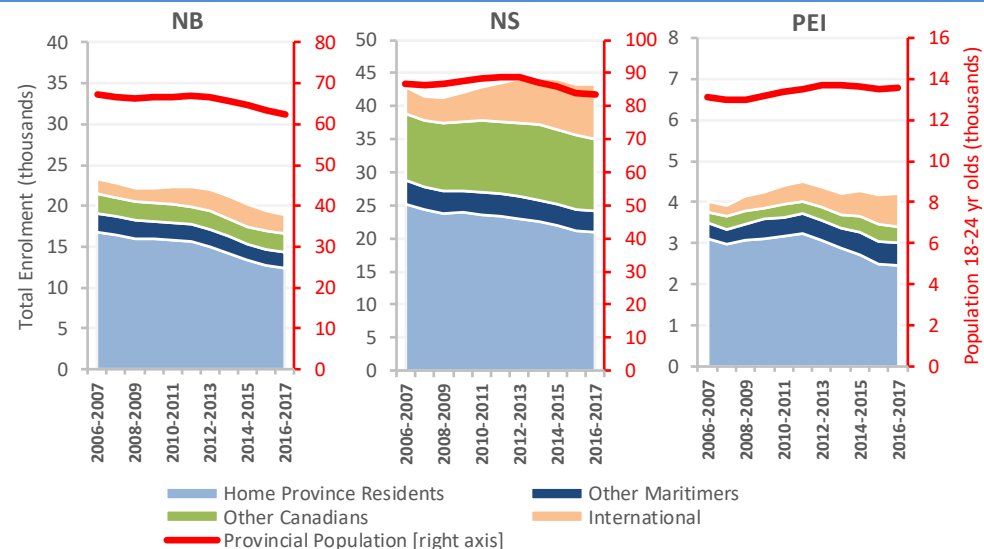
Table 7: Total Enrolment by Province, Immigration Status, Province of Origin, and Level of Study

UNIVERSITY PARTICIPATION		2016-2017	Change Over		
			1 year	5 years	10 years
Home Province Participation	NB	16.6%	▼ -0.1 pts	▼ -2.1 pts	▼ -3.1 pts
<i>Number of students enrolled full-time in a university in their province of residence, divided by the provincial population aged 18-24 ⁶.</i>		NS	▼ -0.2 pts	▼ -0.8 pts	▼ -2.5 pts
		PEI	▼ -0.2 pts	▼ -3.9 pts	▼ -3.8 pts
Maritime Participation		21.7%	▼ -0.1 pts	▼ -1.5 pts	▼ -3.0 pts
<i>Number of Maritimers enrolled full-time in a university in the Maritimes, divided by the Maritime population aged 18-24.</i>					

⁶ Provincial population data: Statistics Canada CANSIM Table 051-0001. Estimates of population, by age group and sex for July 1, Canada, provinces and territories, annual.

Statistics Canada updates population estimates from time to time, therefore previously published participation rate calculations may change.

KEY TRENDS IN DEMOGRAPHICS AND UNIVERSITY ENROLMENT BY STUDENT ORIGIN



ENROLMENT BY MAJOR FIELD OF STUDY ⁷	Enrolment 2016-2017	Change Over		
		1 year	5 years	10 years
New Brunswick				
Agriculture, natural resources and conservation	414	▲ 12.2%	▲ 31.4%	▲ 35.7%
Architecture, engineering, and related technologies	2,053	▼ -3.2%	▼ -2.6%	▲ 5.1%
Business, management and public administration	2,974	▼ -1.5%	▼ -14.9%	▼ -17.2%
Education	1,180	▼ -2.6%	▼ -32.3%	▼ -54.6%
Health and related fields	2,411	▼ -5.7%	▼ -19.9%	▼ -10.7%
Humanities ⁸	3,065	▼ -2.8%	▼ -33.0%	▼ -40.3%
Mathematics, computer and information sciences	730	▼ -2.7%	▲ 32.2%	▲ 37.7%
Physical and life sciences and technologies ⁹	1,981	▼ -1.2%	▼ -6.2%	▲ 0.3%
Social and behavioural sciences and law	2,393	▲ 0.3%	▲ 10.7%	▲ 2.1%
Visual and performing arts	318	▲ 1.3%	▼ -14.3%	▲ 1.6%
Other/Not Applicable ¹⁰	1,391	▼ -7.9%	▼ -23.1%	▼ -27.1%

Nova Scotia				
Agriculture, natural resources and conservation	1,177	▼ -0.9%	▼ -12.2%	▲ 12.8%
Architecture, engineering, and related technologies	3,642	▲ 5.2%	▲ 28.1%	▲ 70.9%
Business, management and public administration	9,034	▼ -0.9%	▲ 8.0%	▲ 22.5%
Education	2,260	▲ 2.8%	▼ -15.6%	▼ -24.8%
Health and related fields	7,108	▲ 0.9%	▲ 7.7%	▲ 23.7%
Humanities	5,104	▼ -1.9%	▼ -30.7%	▼ -37.9%
Mathematics, computer and information sciences	1,532	▲ 9.7%	▲ 47.7%	▲ 40.8%
Physical and life sciences and technologies	5,422	▲ 1.9%	▲ 4.6%	▲ 10.6%
Social and behavioural sciences and law	5,070	▼ -6.3%	▼ -2.0%	▼ -15.7%
Visual and performing arts	926	▼ -3.7%	▼ -25.9%	▼ -33.4%
Other/Not Applicable	1,924	▼ -2.0%	▲ 9.8%	▲ 1.5%

Prince Edward Island				
Agriculture, natural resources and conservation	40	▲ 21.2%	▲ 400.0%	*
Architecture, engineering, and related technologies	184	▲ 28.7%	▲ 76.9%	▲ 93.7%
Business, management and public administration	738	▼ -1.7%	▼ -9.8%	▲ 1.9%
Education	341	▼ -2.3%	▼ -11.9%	▲ 12.9%
Health and related fields	915	▲ 5.9%	▲ 23.3%	▲ 45.5%
Humanities	516	▼ -3.0%	▼ -39.4%	▼ -41.5%
Mathematics, computer and information sciences	141	▲ 1.4%	▲ 35.6%	▲ 90.5%
Physical and life sciences and technologies	697	▼ -6.7%	▼ -9.4%	▲ 11.0%
Social and behavioural sciences and law	413	▲ 2.0%	▼ -4.4%	▲ 1.5%
Visual and performing arts	42	▲ 27.3%	▲ 7.7%	▲ 23.5%
Other/Not Applicable	170	▼ -11.5%	▼ -30.9%	▼ -27.0%

⁷ - Major field of study categories are based on the Classification of Instructional Program (CIP) Canada 2011 primary groupings. For more information on CIP 2011 Primary groupings please visit Statistics Canada's website.

⁸ - Includes General Arts. ⁹ - Includes General Sciences.

¹⁰ - "Not applicable" - courses or other educational activities that are not within a program.

ENROLMENT BY MAJOR FIELD OF STUDY	Enrolment 2016-2017	Change Over		
		1 year	5 years	10 years
Maritimes				
Agriculture, natural resources and conservation	1,631	▲ 2.6%	▼ -2.0%	▲ 21.0%
Architecture, engineering, and related technologies	5,879	▲ 2.7%	▲ 16.3%	▲ 40.6%
Business, management and public administration	12,746	▼ -1.1%	▲ 0.6%	▲ 9.1%
Education	3,781	▲ 0.6%	▼ -21.3%	▼ -36.0%
Health and related fields	10,434	▼ -0.3%	▲ 0.8%	▲ 14.9%
Humanities	8,685	▼ -2.3%	▼ -32.1%	▼ -39.0%
Mathematics, computer and information sciences	2,403	▲ 5.1%	▲ 41.9%	▲ 42.0%
Physical and life sciences and technologies	8,100	▲ 0.3%	▲ 0.4%	▲ 7.9%
Social and behavioural sciences and law	7,876	▼ -4.0%	▲ 1.4%	▼ -10.1%
Visual and performing arts	1,286	▼ -1.8%	▼ -22.5%	▼ -26.0%
Other/Not Applicable	3,485	▼ -5.0%	▼ -8.5%	▼ -13.7%

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

TOTAL ENROLMENT BY STUDENT ORIGIN AND PROGRAM ORIENTATION

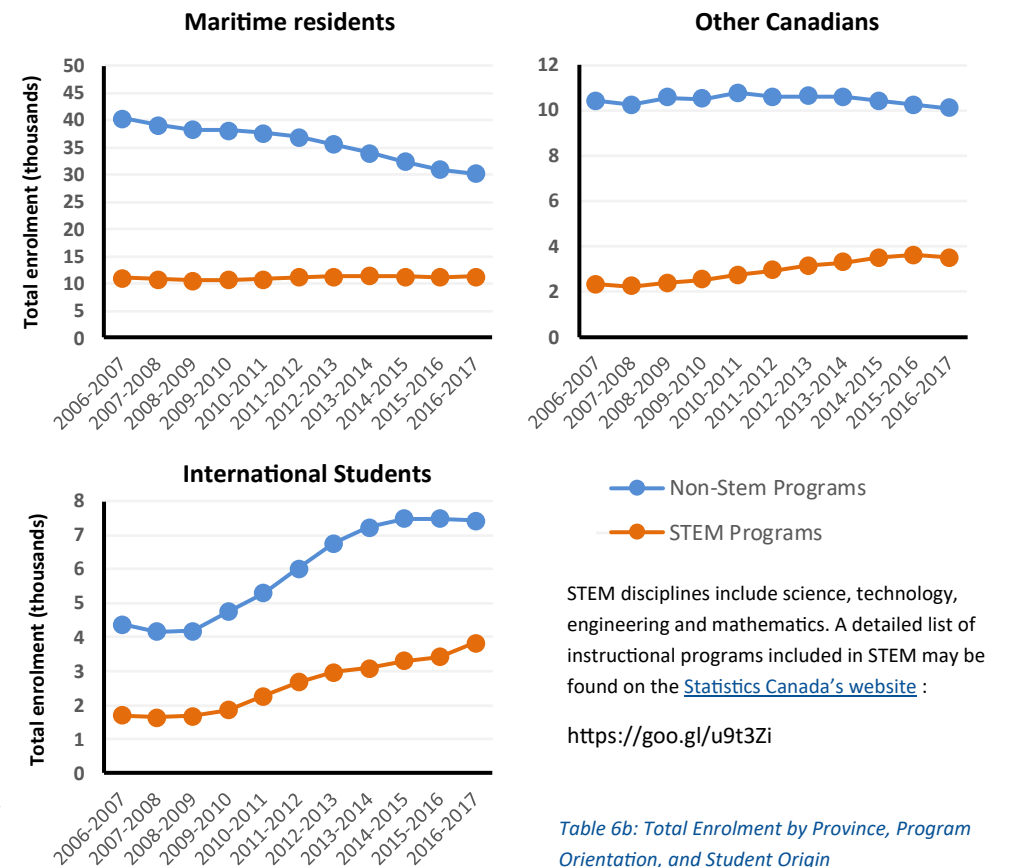


Table 6b: Total Enrolment by Province, Program Orientation, and Student Origin