

STUDENT PROGRESSION IN THE MARITIME UNIVERSITY SYSTEM

TIME-TO-DEGREE

SEPTEMBER 2016

STATISTICAL TABLES AND METHODOLOGY



Definitions and Methodology

Measure	Time-to-degree
Purpose	<ul style="list-style-type: none"> Provides a measure of the average time it takes to complete an undergraduate degree. From a student’s perspective, identifies pathways that can impact the time to complete a degree. (e.g. switching programs or institutions.) From a program design and quality assurance monitoring perspective, identifies program characteristics such as the number of credits and other program requirements that can affect the average time to complete a degree. From a policy perspective, identifies groups of students that take longer to complete a first degree.
Definitions	<p>Time-to-degree (TTD):</p> <ul style="list-style-type: none"> Number of years to complete a first undergraduate degree Measured as time in years between the cohort year and graduation year Measured as elapsed time, not enrolled time Time-to-degree can be calculated based on a cohort year or based on the graduating year Students who did not complete an undergraduate degree within eight years are excluded from the TTD calculation. <p>TTD based on a cohort year: the group used to calculate TTD is a cohort of students who enrolled in an undergraduate degree directly after high school and completed within the following eight years at any Maritime university.</p> <p>Switching institution: The institution in the cohort year and institution at graduation are different.</p> <p>Switching field of study: The field of study in the cohort year and the field of study at graduation are different.</p>
Cohort	
<p>This study is restricted to first-time, full-time students. The definition of the cohort approximates that population which enters university directly from high school:</p> <ul style="list-style-type: none"> New student at a Maritime university in the fall term of the cohort year Aged 19 or less on December 31st of the cohort year Enrolled full-time in the fall term in a program leading to a bachelor’s degree. Full-time is defined as enrolment in at least 60% of a full course load: <p style="text-align: center;"><i>Number of credits to be considered Full Time = (Total program credits/# of semesters) x 0.60</i></p>	
Field of study	
<p>The six field of study categories are based on the 13 Classification of Instructional Programs (CIP) 2011 Primary Groupings as defined by Statistics Canada: http://www23.statcan.gc.ca/imdb/p3VD.pl?Function=getVDPPage1&TVD=136268&db=imdb&dis=2&adm=8</p> <p>The following CIP primary groupings have been combined for analysis:</p> <ul style="list-style-type: none"> ‘Humanities’ and ‘Social and behavioural sciences and law’ and ‘Visual and performing arts, and communication technologies’ combined into ‘Humanities, arts and social sciences’ ‘Physical and life sciences and technologies’ and ‘Mathematics, computer and information sciences’ combined into ‘Sciences and Mathematics’. 	

MPHEC's Longitudinal PSIS data file

The measures in this report were created using the MPHEC's Longitudinal Postsecondary Student Information System (PSIS) data file. This file includes:

- 107,780 individual first entry, bachelor students.
- 11 cohorts (fall 2001 to fall 2011); approximately 9,800 students per cohort.
- At least eight years of data for the fall 2001 to fall 2004 cohorts (28,079 graduates)
- Longitudinal information at the system-level across institutions for each student including the first program and the program completed.
- Demographic information including gender, age, and student origin

Notes

Time-to-degree and graduation rates The time-to-degree (TTD) statistics presented here differ from graduation rates because the population used to measure TTD only includes students who have successfully completed a degree within eight years, while graduation rates are based on the entire entering class in the cohort year.

Time-to-degree based on a graduating year (looking back) In this publication measures of TTD and switching institution or field of study are based on a cohort of students enrolling in the same year. TTD can also be based on a graduating year. The group used to calculate the average TTD is the graduating class. It includes students who enrolled in a first undergraduate degree directly from high school in a Maritime university in the previous eight years.

Cumulative percentage of graduates completing a first university degree within eight years and average time-to-degree (TTD) by university and field of study at graduation

All Maritime universities combined. Includes first-time full time students who enrolled in a bachelor's degree between 2001 and 2004 and completed a degree within 8 years.

		Cumulative percent of graduates completing a first degree within							Average TTD (years)
2001 cohort									
	Field of study at graduation	n	3 years	4 years	5 years	6 years	7 years	8 years	
Graduated from university of first entry	Did not switch field of study	4949	7%	66%	90%	96%	99%	100%	4.55
	Switched field of study	1061	2%	38%	76%	91%	97%	100%	5.02
Graduated from different university	Did not switch field of study	393	4%	46%	76%	90%	96%	100%	4.91
	Switched field of study	301	1%	16%	53%	79%	95%	100%	5.55
2001 cohort total		6704	5%	58%	85%	94%	98%	100%	4.76
2002 cohort									
	Field of study at graduation	n	3 years	4 years	5 years	6 years	7 years	8 years	
Graduated from university of first entry	Did not switch field of study	5199	6%	66%	90%	97%	99%	100%	4.55
	Switched field of study	1013	2%	37%	75%	89%	96%	100%	5.07
Graduated from different university	Did not switch field of study	373	3%	38%	72%	85%	94%	100%	5.08
	Switched field of study	299	0%	20%	50%	74%	90%	100%	5.66
2002 cohort total		6884	5%	59%	85%	94%	98%	100%	4.78
2003 cohort									
	Field of study at graduation	n	3 years	4 years	5 years	6 years	7 years	8 years	
Graduated from university of first entry	Did not switch field of study	5988	5%	67%	91%	97%	99%	100%	4.56
	Switched field of study	1133	3%	39%	75%	90%	96%	100%	5.00
Graduated from different university	Did not switch field of study	352	3%	42%	73%	88%	93%	100%	5.02
	Switched field of study	304	1%	14%	52%	79%	92%	100%	5.62
2003 cohort total	Total	7777	5%	60%	87%	95%	98%	100%	4.76
2004 cohort									
	Field of study at graduation	n	3 years	4 years	5 years	6 years	7 years	8 years	
Graduated from university of first entry	Did not switch field of study	5111	5%	64%	91%	96%	99%	100%	4.60
	Switched field of study	1033	2%	39%	74%	89%	97%	100%	5.04
Graduated from different university	Did not switch field of study	300	3%	42%	74%	88%	97%	100%	4.98
	Switched field of study	270	1%	16%	51%	79%	94%	100%	5.61
2004 cohort total	Total	6714	5%	58%	86%	94%	98%	100%	4.79

Percent of graduates by field of study in cohort year and field of study at graduation

Includes graduates who enrolled and completed a first bachelor's degree at any Maritime university within eight years.

Cohort Year	Field of study at graduation	Field of Study in Cohort Year						All graduates All fields of studies combined
		Architecture, engineering, and related technologies	Business, management and public administration	Education	Health and related fields	Humanities, Arts, and Social Sciences	Sciences and Mathematics	
2001	Number of graduates	308	1,071	142	618	2,814	1,751	6704
	Did not switch field of study	80%	80%	75%	87%	89%	63%	80%
	Switched field of study	20%	20%	25%	13%	11%	37%	20%
2002	Number of graduates	319	1,022	132	612	3,038	1,761	6884
	Did not switch field of study	77%	82%	78%	92%	89%	63%	81%
	Switched field of study	23%	18%	22%	8%	11%	37%	19%
2003	Number of graduates	366	1,165	142	700	3,486	1,918	7777
	Did not switch field of study	79%	86%	74%	89%	89%	63%	82%
	Switched field of study	21%	14%	26%	11%	11%	37%	18%
2004	Number of graduates	334	1,068	145	694	2,823	1,650	6714
	Did not switch field of study	82%	84%	72%	88%	89%	61%	81%
	Switched field of study	18%	16%	28%	12%	11%	39%	19%

Breakdown of field of study (FOS) at graduation by field of study in cohort year

2004 cohort, all Maritime universities combined

