STUDENT PROGRESSION IN THE MARITIME UNIVERSITY SYSTEM TIME-TO-DEGREE

JUNE 2022

STATISTICAL TABLES AND METHODOLOGY



DEFINITIONS AND METHODOLOGY

Measure	Time-to-degree
Purpose	 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	 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. 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. Switching institution: The institution in the cohort year and institution at graduation are different. Switching field of study: The field of study in the cohort year and the field of study at graduation are different.

Cohort

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:

- 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:

Number of credits to be considered Full-time = (Total program credits/# of semesters) x 0.60

Note: Students can be part of more than one cohort if they meet the definition at another university in subsequent years. i.e. new at an institution in the fall term, aged 19 years or less.

Field of study

The six field of study categories are based on the 13 Classification of Instructional Programs (CIP) 2016 Primary Groupings as defined by Statistics Canada:

https://www23.statcan.gc.ca/imdb/p3VD.pl?Function=getVD&TVD=394056

The following CIP primary groupings have been combined for analysis:

- 'Humanities' and 'Social and behavioural sciences and law' and 'Visual and performing arts, and communication technologies' combined into 'Humanities, arts and social sciences'
- 'Agriculture, natural resources and conservation', '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 Post-secondary Student Information System (PSIS) data file. This file includes:

- 182,254 individual first entry, bachelor students.
- 19 cohorts (fall 2001 to fall 2019); at least 8,800 students per cohort.
- At least eight years of data for the fall 2001 to fall 2012 cohorts (80,059 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 origin

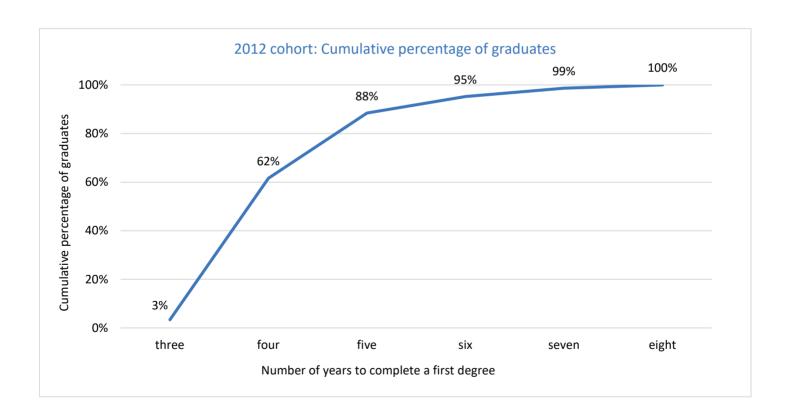
Notes

<u>Time-to-degree and graduation rates</u> 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.

<u>Time-to-degree based on a graduating year (looking back)</u> In this publication, measures of TTD 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). All Maritime universities combined.

	Number of graduates	completing a first degree within								
	graduates	3 years	4 years	5 years	6 years	7 years	8 years	(years)		
Cohort year		%	%	%	%	%	%			
2001	6667	5	58	85	94	98	100	4.59		
2002	6842	5	58	85	94	98	100	4.60		
2003	7743	5	59	87	95	98	100	4.56		
2004	6700	5	58	86	94	98	100	4.60		
2005	6544	4	58	85	94	98	100	4.61		
2006	6232	5	57	86	94	98	100	4.59		
2007	6360	4	58	86	94	98	100	4.60		
2008	6623	4	59	86	95	98	100	4.58		
2009	6512	4	59	87	95	98	100	4.57		
2010	6524	4	61	87	95	98	100	4.55		
2011	6765	4	61	88	95	99	100	4.54		
2012	6547	3	62	88	95	99	100	4.53		



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.

					ive percei				Average TTD	
					eting a fir				(years)	
University and Field of study	at graduation	n	3 years	4 years	<u> </u>		7 years	8 years	(,,,	
2001 cohort			%	%	%	%	%	%		
Graduated from	Did not switch field of study	4917	7	66	90	96	99	100	4.42	
university of first entry	Switched field of study	1054	2	38	76	91	97	100	4.96	
Graduated from	Did not switch field of study	393	4	46	75 	89	96	100	4.91	
different university	Switched field of study	303	1	16	53	79	95	100	5.56	
2001 cohort total		6667	5	58	85	94	98	100	4.59	
2002 cohort		F4.46	%	%	%	%	%	%	4.40	
Graduated from	Did not switch field of study	5146	6	66	90	97	99	100	4.42	
university of first entry	Switched field of study	1022	2	37	75	89	96	100	5.01	
Graduated from	Did not switch field of study	376	3	39	72	85	94	100	5.07	
different university	Switched field of study	298	0	20	50	74	90	100	5.66	
2002 cohort total		6842	5	58	85	94	98	100	4.60	
2003 cohort			%	%	%	%	%	%		
Graduated from	Did not switch field of study	5957	5	67	91	97	99	100	4.41	
university of first entry	Switched field of study	1131	3	40	76	90	96	100	4.95	
Graduated from	Did not switch field of study	352	3	42	74	89	93	100	5.00	
different university	Switched field of study	303	1	14	52	79	92	100	5.61	
2003 cohort total		7743	5	59	87	95	98	100	4.56	
2004 cohort			%	%	%	%	%	%		
Graduated from	Did not switch field of study	5087	5	65	91	96	99	100	4.44	
university of first entry	Switched field of study	1036	2	39	74	89	97	100	4.99	
Graduated from	Did not switch field of study	303	3	42	73	88	96	100	4.98	
different university	Switched field of study	274	1	16	51	78	94	100	5.60	
2004 cohort total		6700	5	58	86	94	98	100	4.60	
2005 cohort			%	%	%	%	%	%		
Graduated from	Did not switch field of study	4988	4	66	91	97	99	100	4.43	
university of first entry	Switched field of study	946	2	32	70	87	96	100	5.13	
Graduated from	Did not switch field of study	301	2	43	75	89	96	100	4.96	
different university	Switched field of study	309	1	17	46	72	93	100	5.71	
2005 cohort total		6544	4	58	85	94	98	100	4.61	
2006 cohort			%	%	%	%	%	%		
Graduated from	Did not switch field of study	4800	6	64	91	97	99	100	4.43	
university of first entry	Switched field of study	880	3	39	75	90	97	100	4.96	
Graduated from	Did not switch field of study	287	3	36	69	86	93	100	5.13	
different university	Switched field of study	265	0	15	50	75	90	100	5.69	
2006 cohort total		6232	5	57	86	94	98	100	4.59	
2007 cohort			%	%	%	%	%	%		
Graduated from	Did not switch field of study	4871	5	66	91	97	99	100	4.42	
university of first entry	Switched field of study	916	2	37	73	89	96	100	5.04	
Graduated from	Did not switch field of study	310	3	38	66	84	94	100	5.15	
different university	Switched field of study	263	1	14	48	78	93	100	5.66	
2007 cohort total		6360	4	58	86	94	98	100	4.60	
2008 cohort			%	%	%	%	%	%		
Graduated from	Did not switch field of study	5049	4	66	92	98	99	100	4.41	
university of first entry	Switched field of study	983	2	37	75	88	96	100	5.02	
Graduated from	Did not switch field of study	329	3	41	70	87	96	100	5.03	
different university	Switched field of study	262	2	15	45	72	89	100	5.77	
2008 cohort total	· · · · · ·	6623	4	59	86	95	98	100	4.58	
2009 cohort			%	%	%	%	%	%		
Graduated from	Did not switch field of study	4969	5	67	92	97	99	100	4.40	
university of first entry	Switched field of study	955	2	41	74	89	96	100	4.97	
Graduated from	Did not switch field of study	319	3	42	75	88	94	100	4.98	
different university	Switched field of study	269	1	15	46	77	91	100	5.69	
2009 cohort total	Switched Held of Study	6512	4	59	87	95	98	100	4.57	

(continued)	Cumulative percentage of graduates completing a first degree within								Average TTD
University and Field of study	at graduation	n	3 years	4 years	5 years	6 years	7 years	8 years	(years)
2010 cohort			%	%	%	%	%	%	
Graduated from	Did not switch field of study	4927	4	69	92	97	99	100	4.39
university of first entry	Switched field of study	1011	2	41	78	91	97	100	4.90
Graduated from	Did not switch field of study	323	3	44	73	87	93	100	4.99
different university	Switched field of study	263	1	16	53	79	92	100	5.58
2010 cohort total		6524	4	61	87	95	98	100	4.55
2011 cohort			%	%	%	%	%	%	
Graduated from	Did not switch field of study	5185	4	68	92	97	99	100	4.38
university of first entry	Switched field of study	1019	2	41	77	91	97	100	4.93
Graduated from	Did not switch field of study	332	2	39	77	90	98	100	4.94
different university	Switched field of study	229	0	17	46	74	94	100	5.69
2011 cohort total		6765	4	61	88	95	99	100	4.54
2012 cohort			%	%	%	%	%	%	
Graduated from	Did not switch field of study	5045	4	69	93	97	99	100	4.37
university of first entry	Switched field of study	951	1	40	78	91	98	100	4.92
Graduated from	Did not switch field of study	298	3	42	77	89	97	100	4.92
different university	Switched field of study	253	0	15	47	74	91	100	5.72
2012 cohort total		6547	3	62	88	95	99	100	4.53

Cumulative percentage of graduates completing a first university degree within eight years and average time-to-degree (TTD) by gender. All Maritime universities combined.

(TTD) by gender. All Maritime universities of	Cumulative percentage of graduates										
			compl		(years)						
Gender	n	3 years	4 years	5 years	6 years	7 years	8 years	(years)			
2001 cohort		%	%	%	%	%	%				
Female	4242	6	64	88	96	99	100	4.46			
Male	2425	3	47	80	92	97	100	4.81			
2002 cohort		%	%	%	%	%	%				
Female	4431	6	63	87	95	98	100	4.51			
Male	2411	3	50	81	93	97	100	4.76			
2003 cohort		%	%	%	%	%	%				
Female	4881	5	65	89	96	99	100	4.46			
Male	2862	3	50	83	93	97	100	4.74			
2004 cohort		%	%	%	%	%	%				
Female	4190	5	63	88	95	98	100	4.50			
Male	2510	3	49	82	92	97	100	4.77			
2005 cohort		%	%	%	%	%	%				
Female	4118	4	63	87	95	98	100	4.52			
Male	2426	3	49	82	92	98	100	4.77			
2006 cohort		%	%	%	%	%	%				
Female	3917	6	62	88	95	98	100	4.50			
Male	2306	4	48	83	93	97	100	4.75			
2007 cohort		%	%	%	%	%	%				
Female	4024	4	64	88	95	98	100	4.50			
Male	2333	3	49	82	92	98	100	4.76			
2008 cohort		%	%	%	%	%	%				
Female	4188	4	64	89	96	99	100	4.48			
Male	2422	3	49	82	93	97	100	4.75			
2009 cohort		%	%	%	%	%	%				
Female	4133	5	65	89	95	98	100	4.47			
Male	2372	3	49	83	94	98	100	4.73			
2010 cohort		%	%	%	%	%	%				
Female	4203	4	66	89	96	99	100	4.46			
Male	2319	3	51	83	93	97	100	4.71			
2011 cohort		%	%	%	%	%	%				
Female	4247	4	66	89	96	99	100	4.46			
Male	2518	3	52	86	94	98	100	4.67			
2012 cohort		%	%	%	%	%	%				
Female	4168	4	67	90	96	99	100	4.44			
Male	2377	3	52	85	94	99	100	4.67			

Cumulative percentage of graduates completing a first university degree within eight years and average time-to-degree (TTD) by student origin. All Maritime universities combined.

All Maritime universities combined.			Cumulati	ive percen				
				eting a firs		Average TTD		
Student origin	n	3 years		5 years			8 years	(years)
2001 cohort		%	%	%	%	%	%	
Maritimes, home province	4614	5	54	83	93	98	100	4.66
Maritimes, outside home province	918	4	63	88	96	99	100	4.51
Canada, outside Maritimes	934	7	72	93	97	99	100	4.31
International	201	11	60	89	96	99	100	4.42
2002 cohort		%	%	%	%	%	%	
Maritimes, home province	4645	5	55	83	93	97	100	4.66
Maritimes, outside home province	889	4	62	84	93	97	100	4.59
Canada, outside Maritimes	1063	5	70	93	98	99	100	4.36
International	245	12	63	90	96	100	100	4.36
2003 cohort		%	%	%	%	%	%	
Maritimes, home province	4677	4	53	83	93	98	100	4.69
Maritimes, outside home province	841	5	63	89	95	98	100	4.50
Canada, outside Maritimes	1935	5	72	94	98	99	100	4.32
International	290	10	65	89	96	100	100	4.39
2004 cohort		%	%	%	%	%	%	
Maritimes, home province	4596	4	54	84	94	98	100	4.66
Maritimes, outside home province	780	4	62	85	93	97	100	4.59
Canada, outside Maritimes	1101	5	69	92	97	99	100	4.38
International	223	9	60	87	92	97	100	4.52
2005 cohort		%	%	%	%	%	%	
Maritimes, home province	4391	3	54	82	93	98	100	4.69
Maritimes, outside home province	851	4	63	88	94	99	100	4.51
Canada, outside Maritimes	1071	4	67	93	97	99	100	4.39
International	231	9	60	87	94	98	100	4.51
2006 cohort		%	%	%	%	%	%	
Maritimes, home province	4162	4	54	84	93	98	100	4.67
Maritimes, outside home province	712	5	62	88	96	98	100	4.51
Canada, outside Maritimes	1120	5	65	92	98	99	100	4.40
International	238	15	61	88	95	98	100	4.41
2007 cohort		%	%	%	%	%	%	
Maritimes, home province	4119	4	55	83	93	98	100	4.67
Maritimes, outside home province	717	3	64	89	96	99	100	4.50
Canada, outside Maritimes	1274	3	65	91	96	99	100	4.45
International	250	13	66	88	96	99	100	4.36
2008 cohort		%	%	%	%	%	%	
Maritimes, home province	4180	3	54	84	94	98	100	4.66
Maritimes, outside home province	745	3	63	87	94	98	100	4.55
Canada, outside Maritimes	1442	4	68	92	97	99	100	4.40
International	256	9	62	90	96	99	100	4.42
2009 cohort		%	%	%	%	%	%	
Maritimes, home province	4158	4	57	85	94	98	100	4.64
Maritimes, outside home province	731	4	64	89	97	99	100	4.47
Canada, outside Maritimes	1337	5	66	92	97	99	100	4.40
International	286	9	57	86	95	97	100	4.53
2010 cohort		%	%	%	%	%	%	
Maritimes, home province	4093	3	57	86	94	98	100	4.61
Maritimes, outside home province	704	4	68	88	95	98	100	4.48
Canada, outside Maritimes	1362	4	68	92	97	99	100	4.39
International	365	10	60	85	94	98	100	4.51
2011 cohort	44	%	%	%	%	%	%	
Maritimes, home province	4159	3	59	86	94	98	100	4.60
Maritimes, outside home province	756	3	65	88	95	99	100	4.51
Canada, outside Maritimes	1499	4	66	93	98	99	100	4.40
International	351	10	59	88	96	99	100	4.46
2012 cohort		%	%	%	%	%	%	
		_						
Maritimes, home province	3990	3	58	87	94	98	100	4.59
Maritimes, home province Maritimes, outside home province	697	3	66	88	95	98	100	4.49
Maritimes, home province								

Cumulative percentage of graduates completing a first university degree within eight years and average time-to-degree (TTD) by field of study. All Maritime universities combined.

Only graduates who completed a degree at their university of first entry and who did not switch field of study are included.

			Average TTD					
				egree at the				(years)
Field of Study in cohort year and at graduation	n	3 years		5 years		7 years	8 years	
2001 cohort	2240	%	%	%	%	%	%	4.25
Humanities, arts and social sciences	2240	10	70	90	96	99	100	4.35
Sciences and mathematics	1023	4	67	93	97	99	100	4.40
Education	106	0	3	73	94	97	100	5.33
Architecture, engineering, and related technologies	239	1	12	69	93	99	100	5.26
Health and related fields	514	4	80	95	98	99	100	4.25
Business, management and public administration	795	4	69	91	97	99	100	4.39
Total	4917	7	66	90	96	99	100	4.42
2002 cohort		%	%	%	%	%	%	
Humanities, arts and social sciences	2430	8	70	91	96	99	100	4.35
Sciences and mathematics	1044	5	71	92	97	99	100	4.35
Education	101	0	1	71	97	99	100	5.32
Architecture, engineering, and related technologies	239	2	11	69	94	98	100	5.25
Health and related fields	537	1	77	93	98	99	100	4.31
Business, management and public administration	795	5	66	90	96	99	100	4.42
Total	5146	6	66	90	97	99	100	4.42
2003 cohort		%	%	%	%	%	%	
Humanities, arts and social sciences	2855	6	69	92	96	99	100	4.37
Sciences and mathematics	1149	5	71	94	98	99	100	4.32
Education	104	0	1	72	92	97	100	5.38
Architecture, engineering, and related technologies	279	2	14	78	93	98	100	5.14
Health and related fields	601	2	80	95	99	100	100	4.24
Business, management and public administration	969	4	67	91	96	99	100	4.43
Total	5957	5	67	91	97	99	100	4.41
2004 cohort		%	%	%	%	%	%	
Humanities, arts and social sciences	2331	7	67	90	96	98	100	4.42
Sciences and mathematics	955	5	69	92	96	98	100	4.39
Education	102	0	2	79	95	100	100	5.24
Architecture, engineering, and related technologies	271	3	26	80	95	98	100	4.97
Health and related fields	584	3	75	96	99	99	100	4.29
Business, management and public administration	844	4	65	93	97	99	100	4.42
Total	5087	5	65	91	96	99	100	4.44
2005 cohort		%	%	%	%	%	%	
Humanities, arts and social sciences	2283	6	68	91	96	99	100	4.40
Sciences and mathematics	931	4	69	93	98	99	100	4.36
Education	95	1	5	67	95	99	100	5.33
Architecture, engineering, and related technologies	254	1	20	81	95	97	100	5.06
Health and related fields	581	2	76	94	99	99	100	4.30
Business, management and public administration	844	3	69	92	97	99	100	4.39
Total	4988	4	66	91	97	99	100	4.43
2006 cohort		%	%	%	%	%	%	
Humanities, arts and social sciences	2151	8	67	90	96	99	100	4.40
Sciences and mathematics	907	5	69	93	98	99	100	4.36
Education	98	0	2	78	98	100	100	5.22
Architecture, engineering, and related technologies	283	2	27	83	94	98	100	4.95
Health and related fields	599	2	75	95	99	99	100	4.93
Business, management and public administration	762	5	62	93	99 97	99	100	4.29
		6						
Total	4800	Ū	64	91	97	99	100	4.43

			Cumul					
(continued)		complet		egree at the			ry within	Average TTD
Field of Study in cohort year and at graduation	n	3 years	4 years	5 years	6 years	7 years	8 years	(years)
2007 cohort		%	%	%	%	%	%	
Humanities, arts and social sciences	2100	5	68	91	96	99	100	4.41
Sciences and mathematics	957	5	71	95	98	100	100	4.31
Education	86	0	5	78	94	98	100	5.26
Architecture, engineering, and related technologies	262	6	29	82	95	99	100	4.88
Health and related fields	621	2	75	93	98	100	100	4.32
Business, management and public administration	845	4	69	90	96	99	100	4.42
Total	4871	5	66	91	97	99	100	4.42
2008 cohort		%	%	%	%	%	%	
Humanities, arts and social sciences	2052	6	67	91	97	99	100	4.40
Sciences and mathematics	954	3	71	93	98	100	100	4.35
Education	84	0	1	79	93	96	100	5.31
Architecture, engineering, and related technologies	338	4	29	86	98	99	100	4.85
Health and related fields	703	1	78	96	99	100	100	4.25
Business, management and public administration	918	5	70	93	97	99	100	4.36
Total	5049	4	66	92	98	99	100	4.41
2009 cohort		%	%	%	%	%	%	
Humanities, arts and social sciences	2024	7	70	92	97	99	100	4.35
Sciences and mathematics	966	4	67	92	98	99	100	4.39
Education	73	0	4	75	96	100	100	5.25
Architecture, engineering, and related technologies	332	3	28	89	96	98	100	4.85
Health and related fields	752	2	79	94	98	99	100	4.26
Business, management and public administration	822	4	66	93	97	99	100	4.41
Total	4969	5	67	92	97	99	100	4.40
2010 cohort		%	%	%	%	%	%	
Humanities, arts and social sciences	1905	6	69	90	97	99	100	4.39
Sciences and mathematics	1099	4	71	93	96	99	100	4.37
Education	71	1	1	82	100	100	100	5.15
Architecture, engineering, and related technologies	312	5	30	86	95	99	100	4.84
Health and related fields	731	3	83	96	99	100	100	4.20
Business, management and public administration	809	4	71	92	97	99	100	4.35
Total	4927	4	69	92	97	99	100	4.39
2011 cohort		%	%	%	%	%	%	
Humanities, arts and social sciences	2019	6	72	92	97	99	100	4.34
Sciences and mathematics	1097	4	66	92	97	99	100	4.42
Education	54	0	2	85	98	100	100	5.15
Architecture, engineering, and related technologies	342	3	33	85	94	99	100	4.85
Health and related fields	825	1	81	96	99	100	100	4.24
Business, management and public administration	848	4	70	93	98	99	100	4.35
Total	5185	4	68	92	97	99	100	4.38
2012 cohort		%	%	%	%	%	%	
Humanities, arts and social sciences	1805	6	73	92	96	99	100	4.34
Sciences and mathematics	1157	4	67	93	98	99	100	4.38
Education	43	0	2	86	95	98	100	5.19
Architecture, engineering, and related technologies	356	4	32	86	96	99	100	4.83
Architecture, engineering, and related technologies	550							
Health and related fields	800	2	81	97	99	100	100	4.22
					99 98	100 100	100 100	4.22 4.31