

**STUDENT PROGRESSION IN THE MARITIME UNIVERSITY SYSTEM**

**TIME-TO-DEGREE**

**FEBRUARY 2020**

**STATISTICAL TABLES AND METHODOLOGY**



## DEFINITIONS AND METHODOLOGY

Measure	Time-to-degree
<b>Purpose</b>	<ul style="list-style-type: none"> <li>• Provides a measure of the average time it takes to complete an undergraduate degree.</li> <li>• From a student’s perspective, identifies pathways that can impact the time to complete a degree. (e.g. switching programs or institutions.)</li> <li>• 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.</li> <li>• From a policy perspective, identifies groups of students that take longer to complete a first degree.</li> </ul>
<b>Definitions</b>	<p><b>Time-to-degree (TTD):</b></p> <ul style="list-style-type: none"> <li>• Number of years to complete a first undergraduate degree</li> <li>• Measured as time in years between the cohort year and graduation year</li> <li>• Measured as elapsed time, not enrolled time</li> <li>• Time-to-degree can be calculated based on a cohort year or based on the graduating year</li> <li>• Students who did not complete an undergraduate degree within eight years are excluded from the TTD calculation.</li> </ul> <p><b>TTD based on a cohort year:</b> 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><b>Switching institution:</b> The institution in the cohort year and institution at graduation are different.</p> <p><b>Switching field of study:</b> The field of study in the cohort year and the field of study at graduation are different.</p>
<b>Cohort</b>	
<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"> <li>• New student at a Maritime university in the fall term of the cohort year</li> <li>• Aged 19 or less on December 31st of the cohort year</li> <li>• 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:</li> </ul> <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

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 Postsecondary Student Information System (PSIS) data file. This file includes:

- 153,934 individual first entry, bachelor students.
- 16 cohorts (fall 2001 to fall 2016); over 8,800 students per cohort.
- At least eight years of data for the fall 2001 to fall 2009 cohorts (60,127 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

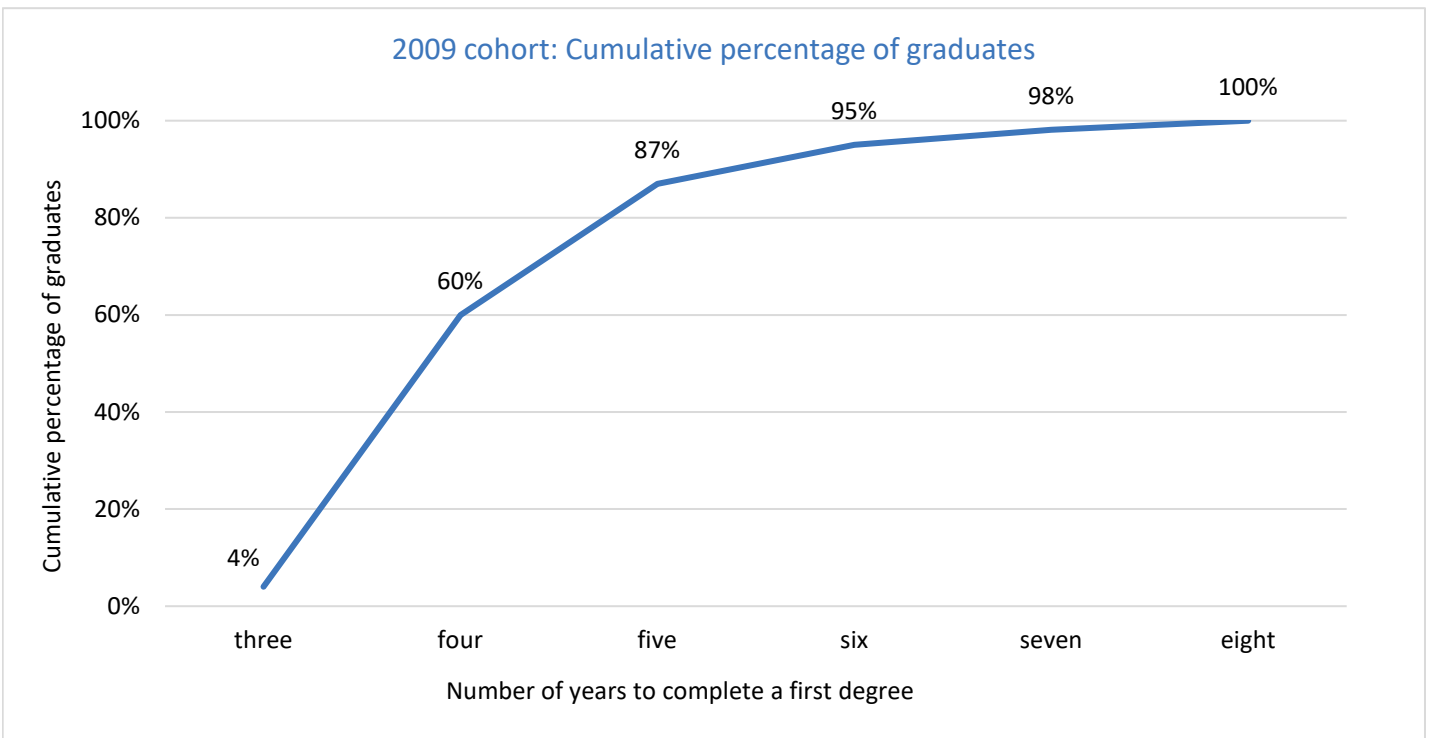
Time-to-degree and graduation rates The time-to-degree (TTD) statistics presented here differ from graduation rates because the population used to measure TTD only includes students who have successfully completed a degree within eight years, while graduation rates are based on the entire entering class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

Time-to-degree based on a graduating year (looking back) In this publication, measures of TTD 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.**

Includes first-time full-time students who enrolled in a bachelor’s degree between 2001 and 2009 and completed a degree at any Maritime university within 8 years.

Cohort year	Number of graduates	Cumulative percentage of graduates completing a first degree within						Average TTD (years)
		3 years	4 years	5 years	6 years	7 years	8 years	
2001	6667	5	58	85	94	98	100	4.59
2002	6842	5	58	85	94	98	100	4.60
2003	7732	5	60	87	95	98	100	4.56
2004	6691	5	58	86	94	98	100	4.60
2005	6530	4	58	85	94	98	100	4.61
2006	6217	5	57	86	94	98	100	4.59
2007	6354	4	58	86	94	98	100	4.59
2008	6603	4	59	86	95	98	100	4.58
2009	6491	4	60	87	95	98	100	4.56



**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.**

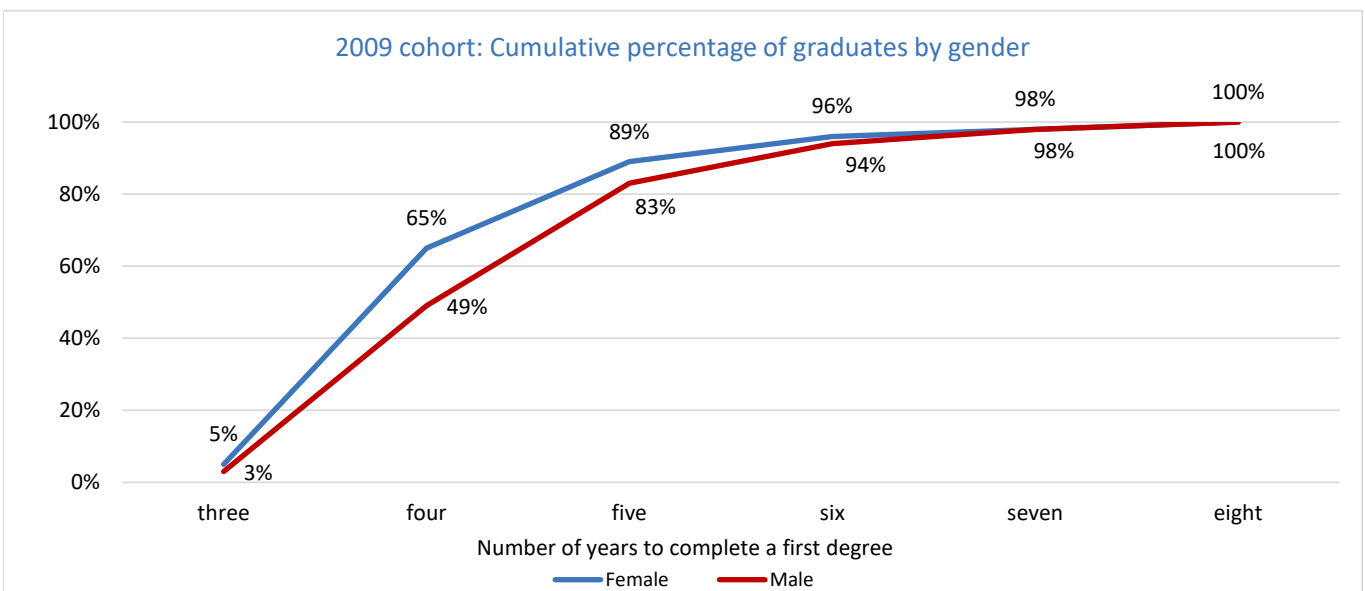
Includes first-time full-time students who enrolled in a bachelor's degree between 2001 and 2009 and completed a degree within 8 years.

University and Field of study at graduation		n	Cumulative percentage of graduates completing a first degree within						Average TTD (years)
			3 years	4 years	5 years	6 years	7 years	8 years	
<b>2001 cohort</b>			%	%	%	%	%	%	
Graduated from university of first entry	Did not switch field of study	4917	7	66	90	96	99	100	4.42
	Switched field of study	1054	2	38	76	91	97	100	4.96
Graduated from different university	Did not switch field of study	393	4	46	75	89	96	100	4.91
	Switched field of study	303	1	16	53	79	95	100	5.56
<b>2001 cohort total</b>		<b>6667</b>	<b>5</b>	<b>58</b>	<b>85</b>	<b>94</b>	<b>98</b>	<b>100</b>	<b>4.59</b>
<b>2002 cohort</b>			%	%	%	%	%	%	
Graduated from university of first entry	Did not switch field of study	5146	6	66	90	97	99	100	4.42
	Switched field of study	1022	2	37	75	89	96	100	5.01
Graduated from different university	Did not switch field of study	376	3	39	72	85	94	100	5.07
	Switched field of study	298	0	20	50	74	90	100	5.66
<b>2002 cohort total</b>		<b>6842</b>	<b>5</b>	<b>58</b>	<b>85</b>	<b>94</b>	<b>98</b>	<b>100</b>	<b>4.60</b>
<b>2003 cohort</b>			%	%	%	%	%	%	
Graduated from university of first entry	Did not switch field of study	5949	5	67	91	97	99	100	4.41
	Switched field of study	1128	3	40	76	90	96	100	4.94
Graduated from different university	Did not switch field of study	352	3	42	74	89	93	100	5.00
	Switched field of study	303	1	14	52	79	92	100	5.61
<b>2003 cohort total</b>		<b>7732</b>	<b>5</b>	<b>60</b>	<b>87</b>	<b>95</b>	<b>98</b>	<b>100</b>	<b>4.56</b>
<b>2004 cohort</b>			%	%	%	%	%	%	
Graduated from university of first entry	Did not switch field of study	5083	5	65	91	96	99	100	4.44
	Switched field of study	1031	2	39	74	88	97	100	4.99
Graduated from different university	Did not switch field of study	303	3	42	73	88	96	100	4.98
	Switched field of study	274	1	16	51	78	94	100	5.60
<b>2004 cohort total</b>		<b>6691</b>	<b>5</b>	<b>58</b>	<b>86</b>	<b>94</b>	<b>98</b>	<b>100</b>	<b>4.60</b>
<b>2005 cohort</b>			%	%	%	%	%	%	
Graduated from university of first entry	Did not switch field of study	4979	4	66	91	97	99	100	4.43
	Switched field of study	942	2	32	70	87	96	100	5.13
Graduated from different university	Did not switch field of study	300	2	43	75	89	96	100	4.95
	Switched field of study	309	1	17	46	72	93	100	5.71
<b>2005 cohort total</b>		<b>6530</b>	<b>4</b>	<b>58</b>	<b>85</b>	<b>94</b>	<b>98</b>	<b>100</b>	<b>4.61</b>
<b>2006 cohort</b>			%	%	%	%	%	%	
Graduated from university of first entry	Did not switch field of study	4790	6	64	91	97	99	100	4.43
	Switched field of study	875	3	39	75	90	97	100	4.96
Graduated from different university	Did not switch field of study	287	3	36	69	86	93	100	5.13
	Switched field of study	265	0	15	50	75	90	100	5.69
<b>2006 cohort total</b>		<b>6217</b>	<b>5</b>	<b>57</b>	<b>86</b>	<b>94</b>	<b>98</b>	<b>100</b>	<b>4.59</b>
<b>2007 cohort</b>			%	%	%	%	%	%	
Graduated from university of first entry	Did not switch field of study	4867	5	66	91	97	99	100	4.42
	Switched field of study	914	2	37	73	89	96	100	5.04
Graduated from different university	Did not switch field of study	310	3	38	66	84	94	100	5.15
	Switched field of study	263	1	14	48	78	93	100	5.66
<b>2007 cohort total</b>		<b>6354</b>	<b>4</b>	<b>58</b>	<b>86</b>	<b>94</b>	<b>98</b>	<b>100</b>	<b>4.59</b>
<b>2008 cohort</b>			%	%	%	%	%	%	
Graduated from university of first entry	Did not switch field of study	5034	4	66	92	98	99	100	4.41
	Switched field of study	978	2	37	75	88	96	100	5.01
Graduated from different university	Did not switch field of study	329	3	41	70	87	96	100	5.03
	Switched field of study	262	2	15	45	72	89	100	5.77
<b>2008 cohort total</b>		<b>6603</b>	<b>4</b>	<b>59</b>	<b>86</b>	<b>95</b>	<b>98</b>	<b>100</b>	<b>4.58</b>
<b>2009 cohort</b>			%	%	%	%	%	%	
Graduated from university of first entry	Did not switch field of study	4953	5	67	92	97	99	100	4.40
	Switched field of study	952	2	41	74	89	96	100	4.97
Graduated from different university	Did not switch field of study	317	3	42	75	88	94	100	4.98
	Switched field of study	269	1	15	46	77	91	100	5.69
<b>2009 cohort total</b>		<b>6491</b>	<b>4</b>	<b>60</b>	<b>87</b>	<b>95</b>	<b>98</b>	<b>100</b>	<b>4.56</b>

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

Includes first-time full-time students who enrolled in a bachelor’s degree between 2001 and 2009 and completed a degree within 8 years.

Gender	n	Cumulative percentage of graduates completing a first degree within						Average TTD (years)
		3 years	4 years	5 years	6 years	7 years	8 years	
<b>2001 cohort</b>		%	%	%	%	%	%	
Female	4242	6	64	88	96	99	100	4.46
Male	2425	3	47	80	92	97	100	4.81
<b>2002 cohort</b>		%	%	%	%	%	%	
Female	4431	6	63	87	95	98	100	4.51
Male	2411	3	50	81	93	97	100	4.76
<b>2003 cohort</b>		%	%	%	%	%	%	
Female	4871	5	65	89	96	99	100	4.46
Male	2861	3	50	83	93	97	100	4.74
<b>2004 cohort</b>		%	%	%	%	%	%	
Female	4184	5	63	88	95	98	100	4.50
Male	2507	3	49	82	92	97	100	4.77
<b>2005 cohort</b>		%	%	%	%	%	%	
Female	4104	4	63	87	95	98	100	4.52
Male	2426	3	49	82	92	98	100	4.77
<b>2006 cohort</b>		%	%	%	%	%	%	
Female	3903	6	62	88	95	98	100	4.50
Male	2305	4	48	83	93	97	100	4.75
<b>2007 cohort</b>		%	%	%	%	%	%	
Female	4016	4	64	88	95	98	100	4.50
Male	2335	3	49	82	92	98	100	4.75
<b>2008 cohort</b>		%	%	%	%	%	%	
Female	4168	4	64	89	96	99	100	4.48
Male	2422	3	49	82	93	97	100	4.75
<b>2009 cohort</b>		%	%	%	%	%	%	
Female	4113	5	65	89	96	98	100	4.47
Male	2371	3	49	83	94	98	100	4.73



**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.**

Includes first-time full-time students who enrolled in a bachelor's degree between 2001 and 2009 and completed a degree within 8 years.

Student origin	n	Cumulative percentage of graduates completing a first degree within						Average TTD (years)
		3 years	4 years	5 years	6 years	7 years	8 years	
<b>2001 cohort</b>		%	%	%	%	%	%	
Maritimer, home province	4614	5	54	83	93	98	100	4.66
Maritimer, outside home province	918	4	63	88	96	99	100	4.51
Canadian, outside Maritimes	934	7	72	93	97	99	100	4.31
International	201	11	60	89	96	99	100	4.42
<b>2002 cohort</b>		%	%	%	%	%	%	
Maritimer, home province	4645	5	55	83	93	97	100	4.66
Maritimer, outside home province	889	4	62	84	93	97	100	4.59
Canadian, outside Maritimes	1063	5	70	93	98	99	100	4.36
International	245	12	63	90	96	100	100	4.36
<b>2003 cohort</b>		%	%	%	%	%	%	
Maritimer, home province	4666	4	53	83	93	98	100	4.69
Maritimer, outside home province	841	5	63	89	95	98	100	4.50
Canadian, outside Maritimes	1935	5	72	94	98	99	100	4.32
International	290	10	65	89	96	100	100	4.39
<b>2004 cohort</b>		%	%	%	%	%	%	
Maritimer, home province	4587	4	54	84	94	98	100	4.66
Maritimer, outside home province	780	4	62	85	93	97	100	4.59
Canadian, outside Maritimes	1101	5	69	92	97	99	100	4.38
International	223	9	60	87	92	97	100	4.52
<b>2005 cohort</b>		%	%	%	%	%	%	
Maritimer, home province	4377	3	54	83	93	98	100	4.69
Maritimer, outside home province	851	4	63	88	94	99	100	4.51
Canadian, outside Maritimes	1071	4	67	93	97	99	100	4.39
International	231	9	60	87	94	98	100	4.51
<b>2006 cohort</b>		%	%	%	%	%	%	
Maritimer, home province	4148	4	54	84	93	98	100	4.67
Maritimer, outside home province	712	5	62	88	96	98	100	4.51
Canadian, outside Maritimes	1119	5	65	92	98	99	100	4.40
International	238	15	61	88	95	98	100	4.41
<b>2007 cohort</b>		%	%	%	%	%	%	
Maritimer, home province	4109	4	55	83	93	98	100	4.67
Maritimer, outside home province	717	3	64	89	96	99	100	4.50
Canadian, outside Maritimes	1274	3	65	91	96	99	100	4.45
International	254	14	66	88	96	99	100	4.30
<b>2008 cohort</b>		%	%	%	%	%	%	
Maritimer, home province	4161	3	54	84	94	98	100	4.66
Maritimer, outside home province	744	3	63	88	94	98	100	4.55
Canadian, outside Maritimes	1442	4	68	92	97	99	100	4.40
International	256	9	62	90	96	99	100	4.42
<b>2009 cohort</b>		%	%	%	%	%	%	
Maritimer, home province	4138	4	57	85	94	98	100	4.64
Maritimer, outside home province	731	4	64	89	97	99	100	4.47
Canadian, outside Maritimes	1336	5	66	92	97	99	100	4.40
International	286	9	57	86	95	97	100	4.53

**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.**

Includes first-time full-time students who enrolled in a bachelor's degree between 2001 and 2009 and completed a degree within 8 years. **Only graduates who completed a degree at their university of first entry and who did not switch field of study are included in this table.**

Field of Study in cohort year and at graduation	n	Cumulative percentage of graduates completing a first degree at their university of first entry within						Average TTD (years)
		3 years	4 years	5 years	6 years	7 years	8 years	
<b>2001 cohort</b>		%	%	%	%	%	%	
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
<b>Total</b>	<b>4917</b>	<b>7</b>	<b>66</b>	<b>90</b>	<b>96</b>	<b>99</b>	<b>100</b>	<b>4.42</b>
<b>2002 cohort</b>		%	%	%	%	%	%	
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
<b>Total</b>	<b>5146</b>	<b>6</b>	<b>66</b>	<b>90</b>	<b>97</b>	<b>99</b>	<b>100</b>	<b>4.42</b>
<b>2003 cohort</b>		%	%	%	%	%	%	
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	593	2	81	95	99	100	100	4.23
Business, management and public administration	969	4	67	91	96	99	100	4.43
<b>Total</b>	<b>5949</b>	<b>5</b>	<b>67</b>	<b>91</b>	<b>97</b>	<b>99</b>	<b>100</b>	<b>4.41</b>
<b>2004 cohort</b>		%	%	%	%	%	%	
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	580	3	76	96	99	99	100	4.28
Business, management and public administration	844	4	65	93	97	99	100	4.42
<b>Total</b>	<b>5083</b>	<b>5</b>	<b>65</b>	<b>91</b>	<b>96</b>	<b>99</b>	<b>100</b>	<b>4.44</b>
<b>2005 cohort</b>		%	%	%	%	%	%	
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	572	2	77	95	99	99	100	4.28
Business, management and public administration	844	3	69	92	97	99	100	4.39
<b>Total</b>	<b>4979</b>	<b>4</b>	<b>66</b>	<b>91</b>	<b>97</b>	<b>99</b>	<b>100</b>	<b>4.43</b>



<i>(continued)</i>		Cumulative percentage of graduates completing a first degree at their university of first entry within						Average TTD (years)
Field of Study in cohort year and at graduation	n	3 years	4 years	5 years	6 years	7 years	8 years	
<b>2006 cohort</b>		%	%	%	%	%	%	
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	589	2	75	95	99	99	100	4.29
Business, management and public administration	762	5	62	93	97	99	100	4.44
<b>Total</b>	<b>4790</b>	<b>6</b>	<b>64</b>	<b>91</b>	<b>97</b>	<b>99</b>	<b>100</b>	<b>4.43</b>
<b>2007 cohort</b>		%	%	%	%	%	%	
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	264	7	29	83	95	99	100	4.85
Health and related fields	613	2	75	93	98	100	100	4.32
Business, management and public administration	847	4	69	90	96	99	100	4.41
<b>Total</b>	<b>4867</b>	<b>5</b>	<b>66</b>	<b>91</b>	<b>97</b>	<b>99</b>	<b>100</b>	<b>4.42</b>
<b>2008 cohort</b>		%	%	%	%	%	%	
Humanities, arts and social sciences	2049	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	691	1	79	96	99	100	100	4.24
Business, management and public administration	918	5	70	93	97	99	100	4.36
<b>Total</b>	<b>5034</b>	<b>4</b>	<b>66</b>	<b>92</b>	<b>98</b>	<b>99</b>	<b>100</b>	<b>4.41</b>
<b>2009 cohort</b>		%	%	%	%	%	%	
Humanities, arts and social sciences	2019	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	741	2	80	95	99	100	100	4.24
Business, management and public administration	822	4	66	93	97	99	100	4.41
<b>Total</b>	<b>4953</b>	<b>5</b>	<b>67</b>	<b>92</b>	<b>97</b>	<b>99</b>	<b>100</b>	<b>4.40</b>