

MEASURES OF STUDENT PROGRESS AND OUTCOMES: UNIVERSITY PARTICIPATION (2003-2004 TO 2017-2018)

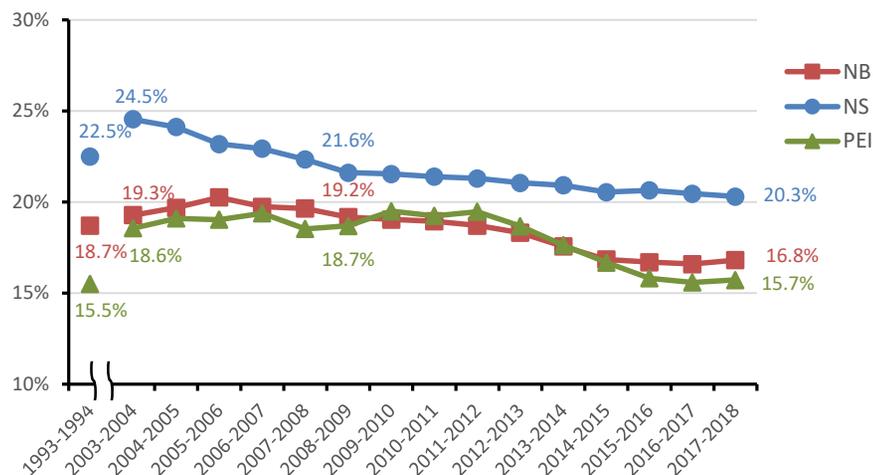
STATISTICAL TABLES HIGHLIGHTS

Home Province Participation

Over the past 15 years, home province participation rates have declined in each of the three Maritime provinces, however, they have more or less stabilized in the last 3-4 years.

- In New Brunswick, over the past decade, the home province participation rate was highest in 2008-2009, at 19.2%. From there, it declined to a low point of 16.6% in 2016-2017, before increasing to the current rate of 16.8%.
- In Nova Scotia, the home province participation rate has been on a constant decline over the last decade, dropping from its high point of 21.6% in 2008-2009 to the current rate of 20.3%. While Nova Scotia is the only Maritime province to have a constant decline in home province participation rate over the past decade, the rate in Nova Scotia has remained higher than those of New Brunswick and Prince Edward Island.
- In Prince Edward Island, over the past decade, the home province participation rate peaked in 2011-2012 at 19.5% before yearly declines brought it to a low point of 15.6% in 2016-2017. The rate remained at a similar level in 2017-2018. Historically, residents of Prince Edward Island are more likely to study outside of their home province (see Fig. 4).

Figure 1: Number of students enrolled full-time in their home province divided by the provincial population aged 18-24 (ref: Table 1).



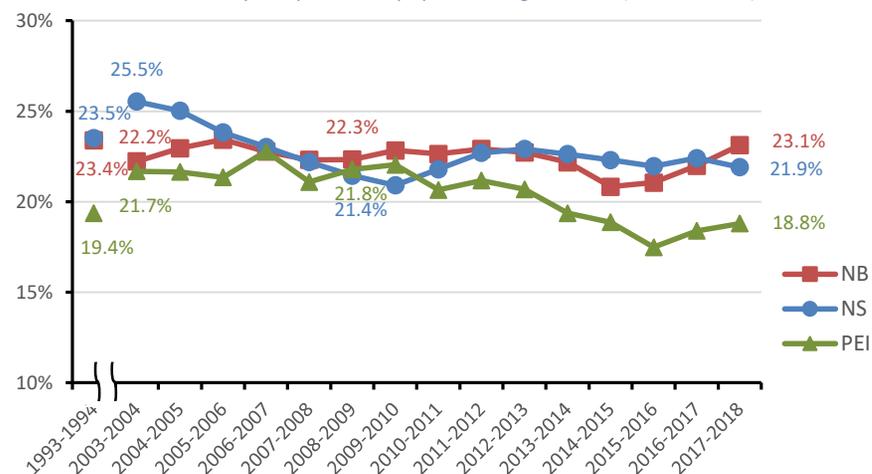
Source: MPHEC PSIS, StatCan Table 17-10-0005-01

Home Province Direct Entry Participation (18-19 year olds)

Home province participation rates among 18-19 year olds (i.e., recent high school graduates) are more sensitive to recent changes in university enrolment than overall home province participation rates and therefore reveal different trends:

- In New Brunswick, the home province participation rate for 18-19 year olds remained stable for the first half of the last decade, hovering around 22.7%. It then declined two percentage points in two years, to a low point of 20.8% in 2014-2015. Since then, the rate has recovered to the current rate of 23.1%.
- In Nova Scotia, the home province participation rate for 18-19 year olds hit a low point at the end of the last decade (20.9% in 2009-2010), but rebounded and held around 22.5% between 2011-2012 and 2016-2017. The current rate is higher than it was ten years ago, but is down 3.6 percentage points from 2003-2004.
- In Prince Edward Island, the home province participation rate for 18-19 year olds consistently declined between 2008-2009 and 2015-2016, reaching a low point of 17.5%; a decrease of over 4 percentage points for that period. The rate then increased 1.3 percentage points to the current rate of 18.8. While this is the lowest rate in the region, regional and national participation rates for PEI are on par with New Brunswick and Nova Scotia (see Figs. 4 & 5).

Figure 2: Number of 18-19 year-old students enrolled full-time in their home province divided by the provincial population aged 18-19 (ref: Table 12).



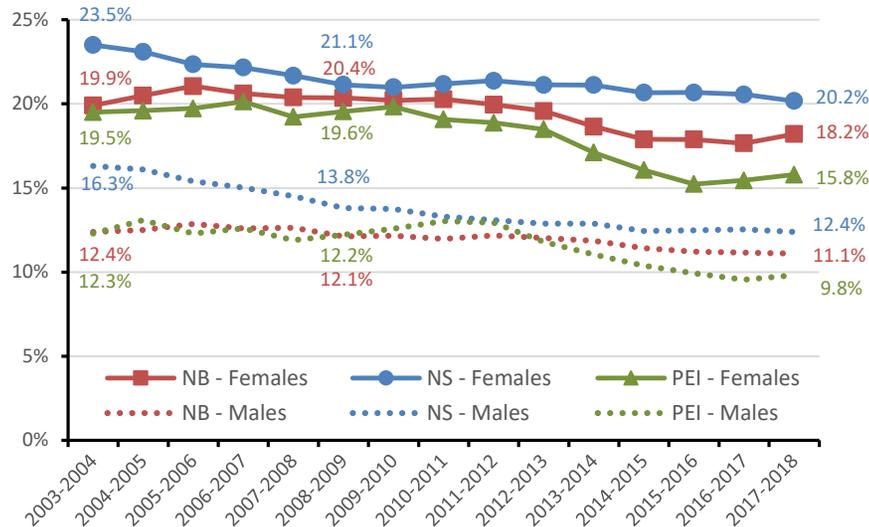
Source: MPHEC PSIS, StatCan Table 17-10-0005-01

Home Province Participation by Gender

The trends in home province participation rates by gender have remained fairly consistent over the last 10-15 years. On average, the home province participation rate among females is higher than among males by around 7 percentage points, with little difference in trends between the three Maritime provinces. Home province participation rates for both female and male residents have declined over the last 15 years.

- Among female New Brunswickers, Nova Scotians, and Islanders, home province participation rates have declined by 1.7, 3.3, and 3.7 percentage points, respectively, since 2003-2004. Over the same period, the participation rates among males declined by 1.3, 3.9, and 2.5 percentage points, respectively across the provinces.
- On average, over the last 15 years, the gap between females and males has been around one percentage point higher in New Brunswick (7.5 points) and Nova Scotia (7.7) than in Prince Edward Island (6.5). However, while the gap has decreased in New Brunswick and Prince Edward Island over the last five years – down to an average of 6.7 and 5.8 percentage points, respectively – it has widened slightly to 8.1 percentage points in Nova Scotia.

Figure 3: Number of students of each gender enrolled full-time in their home province divided by the provincial population aged 18-24 of that gender (ref: Table 5).



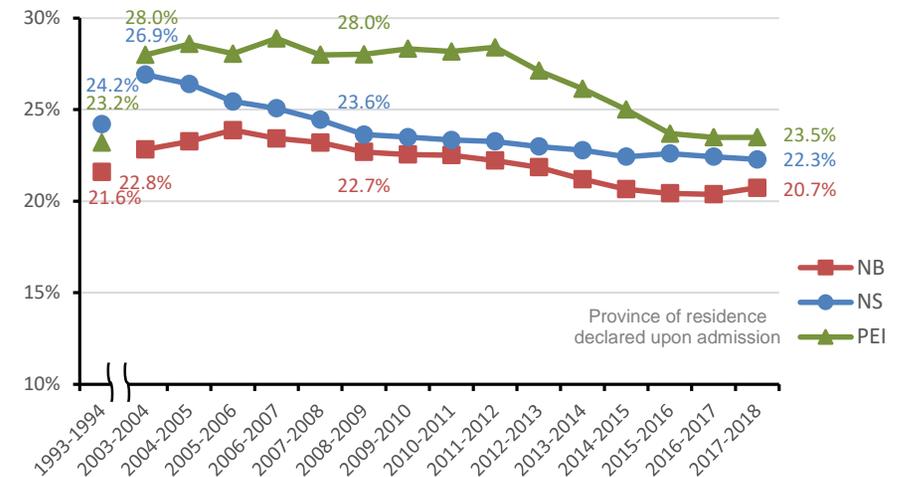
Source: MPHEC PSIS, StatCan Table 17-10-0005-01

Maritime Participation of Residents

The trends in participation of provincial residents at universities anywhere in the Maritimes were similar to the trends observed in home province participation: region-wide participation rates have declined over the last 10-15 years among residents of all three Maritime provinces.

- Among New Brunswick and Nova Scotia residents, the decline in regional participation rate has been consistent, dropping 2.0 and 1.4 percentage points, respectively, from 2008-2009 to 2017-2018. The gap in the university participation rate between residents of these two provinces had been hovering around one percentage point, but has increased to around two percentage points over the last three years.
- Residents of Prince Edward Island continue to show the highest level of university participation within the Maritimes, but the gap between them and the residents of New Brunswick and Nova Scotia has narrowed considerably since 2011-2012. Like the home province participation rate, over the last decade, regional participation among residents of Prince Edward Island peaked in 2011-2012, before yearly declines brought the regional rate it to its current point of 23.5%.

Figure 4: Number of provincial residents enrolled full-time in any Maritime university divided by the provincial population aged 18-24 (ref: Table 2).



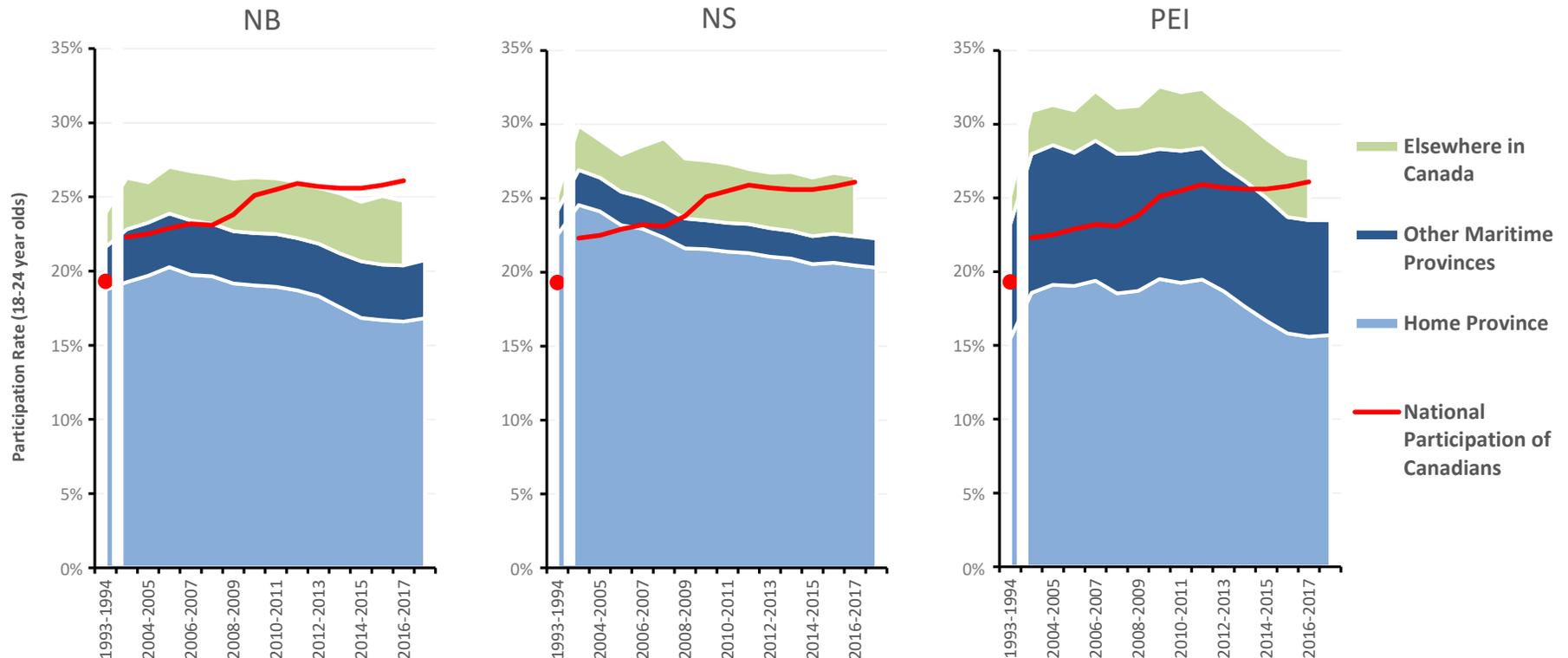
Source: MPHEC PSIS, StatCan Table 17-10-0005-01

Home Province, Regional, and National Participation

In each of the three Maritime provinces, the national university participation rate (i.e., home province participation rate + participation rate in other Maritime provinces + participation rate elsewhere in Canada) among 18-24-year-old residents has declined over the last 10-15 years. This downward trend is primarily driven by the decline in the home province participation rate in each province. Participation rates in the other Maritime provinces and elsewhere in Canada have largely remained stable for each province and are not compensating for the decline in home province participation.

- In New Brunswick, the overall participation rate of residents peaked in 2005-2006 at 27.0%, and then declined yearly, to reach a level of 24.7% in 2016-2017 (the last year for which all three participation rates are available). Until 2012-2013, the national participation rate of New Brunswickers was higher than the national participation rate among all Canadian residents, but since 2013-2014 it has fallen below the national rate. In 2016-2017, the difference was 1.4 percentage points (24.7% in NB, 26.1% in Canada).
- In Nova Scotia, the national participation rate of residents peaked in 2003-2004 at 29.9%, but has consistently declined year-over-year, reaching a level of 26.5% in 2016-2017. The national participation rate of Nova Scotians has remained higher than the national participation rate of Canadians, but the gap is closing. In 2007-2008, the difference was 6 percentage points, but in 2016-2017, the difference was only 0.4 percentage points (26.5% in NS, 26.1% in Canada).
- In Prince Edward Island, the national participation rate peaked in 2009-2010 at 32.6%, but has declined since then, reaching a level of 27.7% in 2016-2017. The national participation rate of Prince Edward Island residents has remained higher than the national participation rate of Canadians, but the gap is closing. Ten years ago, the difference was 8 percentage points, but in 2016-2017, the difference was 1.6 percentage points (27.7% in PEI, 26.1% in Canada).

Figure 5: Number of provincial residents enrolled full-time in their home province, in another Maritime province, or elsewhere in Canada divided by the provincial population aged 18-24 (ref: Tables 1, 2, and 3).



Source: MPHEC PSIS, Statistics Canada PSIS (custom data request), Statistics Canada Table 17-10-0005-01

MEASURES OF STUDENT PROGRESS AND OUTCOMES: UNIVERSITY PARTICIPATION (2003-2004 TO 2017-2018)

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TABLE 1: HOME PROVINCE PARTICIPATION

Number of students enrolled full-time in their home province divided by the provincial population aged 18-24.

What this Measure tells us: This definition provides one measure of the extent to which a province's typical university-aged population engages in university education within their own province. The numerator includes all full-time students from the province. This is to enable comparisons with the National Participation of Maritimers, where age group is not universally available for the source used for the Canadian statistics.

	New Brunswick			Nova Scotia			Prince Edward Island		
	Full-Time Home Province Enrolment	Population 18-24	Home Province Participation Rate	Full-Time Home Province Enrolment	Population 18-24	Home Province Participation Rate	Full-Time Home Province Enrolment	Population 18-24	Home Province Participation Rate
1993-1994	15 029	80 159	18.7%	21 508	95 474	22.5%	2 105	13 605	15.5%
2003-2004	13 550	70 307	19.3%	21 462	87 437	24.5%	2 463	13 271	18.6%
2004-2005	13 807	70 124	19.7%	21 211	87 923	24.1%	2 572	13 460	19.1%
2005-2006	13 923	68 712	20.3%	20 274	87 433	23.2%	2 549	13 391	19.0%
2006-2007	13 306	67 400	19.7%	19 910	86 795	22.9%	2 542	13 111	19.4%
2007-2008	13 080	66 562	19.7%	19 280	86 300	22.3%	2 411	13 012	18.5%
2008-2009	12 740	66 423	19.2%	18 736	86 660	21.6%	2 435	13 024	18.7%
2009-2010	12 668	66 528	19.0%	18 850	87 481	21.5%	2 566	13 158	19.5%
2010-2011	12 648	66 762	18.9%	18 875	88 228	21.4%	2 581	13 408	19.2%
2011-2012	12 510	66 862	18.7%	18 867	88 587	21.3%	2 629	13 503	19.5%
2012-2013	12 204	66 623	18.3%	18 649	88 582	21.1%	2 555	13 677	18.7%
2013-2014	11 554	65 762	17.6%	18 280	87 357	20.9%	2 415	13 695	17.6%
2014-2015	10 904	64 717	16.8%	17 667	85 970	20.6%	2 276	13 645	16.7%
2015-2016	10 560	63 229	16.7%	17 309	83 855	20.6%	2 138	13 519	15.8%
2016-2017	10 382	62 544	16.6%	17 080	83 478	20.5%	2 121	13 607	15.6%
2017-2018	10 338	61 470	16.8%	16 924	83 366	20.3%	2 159	13 749	15.7%

Source: MPHEC PSIS database; Statistics Canada Table 17-10-0005-01

TABLE 2: MARITIME PARTICIPATION OF RESIDENTS

Number of provincial residents enrolled full-time in any Maritime university divided by the provincial population aged 18-24.

What this Measure tells us: This definition provides the regional picture of the extent to which a provincial population accesses university education and the extent of its intra-regional mobility, as it encompasses the enrolment of provincial residents in all Maritime universities. Certain sub-populations may be more likely to seek education outside their province, such as for programs unavailable in their province, or French-language instruction. The numerator in this definition includes all full-time students. This is to enable comparisons with the National Participation of Maritimers, where age group is not universally available for the source used for the Canadian statistics.

	New Brunswick Residents			Nova Scotia Residents			Prince Edward Island Residents		
	Full-Time Enrolment NB residents in Maritime universities	Population 18-24	Maritime Participation Rate of Residents	Full-Time Enrolment NS residents in Maritime universities	Population 18-24	Maritime Participation Rate of Residents	Full-Time Enrolment PE residents in Maritime universities	Population 18-24	Maritime Participation Rate of Residents
1993-1994	17 341	80 159	21.6%	23 082	95 474	24.2%	3 158	13 605	23.2%
2003-2004	16 049	70 307	22.8%	23 537	87 437	26.9%	3 715	13 271	28.0%
2004-2005	16 312	70 124	23.3%	23 216	87 923	26.4%	3 847	13 460	28.6%
2005-2006	16 410	68 712	23.9%	22 249	87 433	25.4%	3 757	13 391	28.1%
2006-2007	15 788	67 400	23.4%	21 759	86 795	25.1%	3 788	13 111	28.9%
2007-2008	15 446	66 562	23.2%	21 098	86 300	24.4%	3 642	13 012	28.0%
2008-2009	15 071	66 423	22.7%	20 487	86 660	23.6%	3 649	13 024	28.0%
2009-2010	15 003	66 528	22.6%	20 558	87 481	23.5%	3 727	13 158	28.3%
2010-2011	15 034	66 762	22.5%	20 590	88 228	23.3%	3 778	13 408	28.2%
2011-2012	14 856	66 862	22.2%	20 605	88 587	23.3%	3 835	13 503	28.4%
2012-2013	14 562	66 623	21.9%	20 362	88 582	23.0%	3 710	13 677	27.1%
2013-2014	13 943	65 762	21.2%	19 902	87 357	22.8%	3 580	13 695	26.1%
2014-2015	13 369	64 717	20.7%	19 280	85 970	22.4%	3 411	13 645	25.0%
2015-2016	12 918	63 229	20.4%	18 952	83 855	22.6%	3 203	13 519	23.7%
2016-2017	12 744	62 544	20.4%	18 722	83 478	22.4%	3 196	13 607	23.5%
2017-2018	12 744	61 470	20.7%	18 570	83 366	22.3%	3 228	13 749	23.5%

Source: MPHEC PSIS database; Statistics Canada Table 17-10-0005-01.

TABLE 3: NATIONAL PARTICIPATION OF MARITIMERS

Number of provincial residents enrolled full-time in a Canadian university divided by the provincial population aged 18-24.

What this Measure tells us: This definition provides the most student-centered measure of participation as it encompasses enrolment of provincial residents in all Canadian universities. This measure, which illustrates the tendency of a province's typical university-aged residents to engage in university education, is the best measure to describe the demand for / access to university education by the population in question as it eliminates any limits imposed by the choices available in the home province or region. The numerator in this definition includes all full-time students, not just the 18-24 cohort as this age group is not universally available for the sources used for the Canadian statistics.

	New Brunswick Residents			Nova Scotia Residents			Prince Edward Island Residents			Canadian Residents		
	Full-Time Enrolment of NB Residents in Canadian Universities	Population 18-24	National Participation Rate of NB Residents	Full-Time Enrolment of NS Residents in Canadian Universities	Population 18-24	National Participation Rate of NS Residents	Full-Time Enrolment of PE Residents in Canadian Universities	Population 18-24	National Participation Rate of PE Residents	Full-Time Enrolment of Canadian Students in Canadian Universities	Canada Population 18-24	National Participation Rate
1993-1994	19 158	80 159	23.9%	24 057	95 474	25.2%	3 414	13 605	25.1%	544 500	2 821 462	19.3%
2003-2004	18 483	70 307	26.3%	26 139	87 437	29.9%	4 098	13 271	30.9%	679 422	3 050 114	22.3%
2004-2005	18 225	70 124	26.0%	25 443	87 923	28.9%	4 212	13 460	31.3%	694 716	3 086 837	22.5%
2005-2006	18 570	68 712	27.0%	24 426	87 433	27.9%	4 143	13 391	30.9%	712 083	3 104 218	22.9%
2006-2007	18 009	67 400	26.7%	24 750	86 795	28.5%	4 227	13 111	32.2%	723 006	3 118 820	23.2%
2007-2008	17 655	66 562	26.5%	25 071	86 300	29.1%	4 047	13 012	31.1%	725 085	3 144 484	23.1%
2008-2009	17 421	66 423	26.2%	23 991	86 660	27.7%	4 068	13 024	31.2%	758 211	3 180 582	23.8%
2009-2010	17 511	66 528	26.3%	24 111	87 481	27.6%	4 284	13 158	32.6%	806 964	3 219 355	25.1%
2010-2011	17 532	66 762	26.3%	24 141	88 228	27.4%	4 311	13 408	32.2%	829 767	3 252 235	25.5%
2011-2012	17 385	66 862	26.0%	23 895	88 587	27.0%	4 374	13 503	32.4%	848 700	3 279 835	25.9%
2012-2013	17 061	66 623	25.6%	23 688	88 582	26.7%	4 269	13 677	31.2%	857 109	3 328 901	25.7%
2013-2014	16 602	65 762	25.2%	23 379	87 357	26.8%	4 137	13 695	30.2%	862 377	3 371 184	25.6%
2014-2015	15 960	64 717	24.7%	22 695	85 970	26.4%	3 960	13 645	29.0%	867 534	3 390 512	25.6%
2015-2016	15 843	63 229	25.1%	22 404	83 855	26.7%	3 780	13 519	28.0%	867 048	3 357 970	25.8%
2016-2017	15 453	62 544	24.7%	22 116	83 478	26.5%	3 762	13 607	27.6%	872 535	3 346 397	26.1%
2017-2018	n/a	61 470	n/a	n/a	83 366	n/a	n/a	13 749	n/a	n/a	3 351 814	n/a

Source: *Enrolment data:* Statistics Canada PSIS 1993-1994 to 2016-2017; *Population data:* Statistics Canada Table 17-10-0005-01.

TABLE 4: HOME PROVINCE 18-24 PARTICIPATION

Number of students aged 18-24 enrolled full-time in their home province divided by the provincial population aged 18-24.

What this Measure tells us: This measure provides insight into the demand for education in a province's universities by its typical university-aged population. This definition includes only full-time students aged 18-24 (as of December 31st) enrolled in their home province in the numerator.

	New Brunswick			Nova Scotia			Prince Edward Island		
	Full-Time 18-24 Home Province Enrolment	Population 18-24	Home Province 18-24 Participation Rate	Full-Time 18-24 Home Province Enrolment	Population 18-24	Home Province 18-24 Participation Rate	Full-Time 18-24 Home Province Enrolment	Population 18-24	Home Province 18-24 Participation Rate
1993-1994	12 844	80 159	16.0%	17 238	95 474	18.1%	1 811	13 605	13.3%
2003-2004	11 295	70 307	16.1%	17 445	87 437	20.0%	2 104	13 271	15.9%
2004-2005	11 489	70 124	16.4%	17 225	87 923	19.6%	2 197	13 460	16.3%
2005-2006	11 581	68 712	16.9%	16 506	87 433	18.9%	2 143	13 391	16.0%
2006-2007	11 122	67 400	16.5%	16 154	86 795	18.6%	2 147	13 111	16.4%
2007-2008	10 917	66 562	16.4%	15 620	86 300	18.1%	2 023	13 012	15.5%
2008-2009	10 700	66 423	16.1%	15 136	86 660	17.5%	2 066	13 024	15.9%
2009-2010	10 673	66 528	16.0%	15 175	87 481	17.3%	2 130	13 158	16.2%
2010-2011	10 655	66 762	16.0%	15 132	88 228	17.2%	2 150	13 408	16.0%
2011-2012	10 639	66 862	15.9%	15 158	88 587	17.1%	2 146	13 503	15.9%
2012-2013	10 434	66 623	15.7%	14 941	88 582	16.9%	2 068	13 677	15.1%
2013-2014	9 955	65 762	15.1%	14 733	87 357	16.9%	1 923	13 695	14.0%
2014-2015	9 411	64 717	14.5%	14 131	85 970	16.4%	1 794	13 645	13.1%
2015-2016	9 111	63 229	14.4%	13 816	83 855	16.5%	1 689	13 519	12.5%
2016-2017	8 926	62 544	14.3%	13 752	83 478	16.5%	1 682	13 607	12.4%
2017-2018	8 907	61 470	14.5%	13 519	83 366	16.2%	1 736	13 749	12.6%

Source: MPHEC PSIS database; Statistics Canada Table 17-10-0005-01.

TABLE 5: HOME PROVINCE 18-24 PARTICIPATION BY GENDER

Number of students aged 18-24 enrolled full-time in their home province divided by the provincial population aged 18-24, by gender.

What this Measure tells us: This table shows the Home Province 18-24 Participation Rate, with an additional breakdown by gender. There have been considerable increases in female participation in universities since the early 1980s, and this has led to a gender ratio of 3:2 (female to male) in university enrolments in the Maritimes.

	New Brunswick						Nova Scotia						Prince Edward Island					
	Full-Time 18-24 Home Province Enrolment		Population 18-24		Home Province 18-24 Participation Rate by Gender		Full-Time 18-24 Home Province Enrolment		Population 18-24		Home Province 18-24 Participation Rate by Gender		Full-Time 18-24 Home Province Enrolment		Population 18-24		Home Province 18-24 Participation Rate by Gender	
	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male
1993-1994	7179	5665	39088	41071	18.4%	13.8%	9521	7717	46829	48645	20.3%	15.9%	1005	806	6619	6986	15.2%	11.5%
2003-2004	6821	4474	34222	36085	19.9%	12.4%	10305	7140	43760	43677	23.5%	16.3%	1284	820	6595	6676	19.5%	12.3%
2004-2005	6987	4502	34126	35998	20.5%	12.5%	10153	7072	43907	44016	23.1%	16.1%	1310	887	6667	6793	19.6%	13.1%
2005-2006	7039	4542	33429	35283	21.1%	12.9%	9777	6728	43740	43693	22.4%	15.4%	1317	826	6676	6715	19.7%	12.3%
2006-2007	6766	4355	32813	34587	20.6%	12.6%	9619	6521	43407	43388	22.2%	15.0%	1322	825	6566	6545	20.1%	12.6%
2007-2008	6596	4321	32356	34206	20.4%	12.6%	9298	6303	42889	43411	21.7%	14.5%	1246	777	6479	6533	19.2%	11.9%
2008-2009	6536	4161	32116	34307	20.4%	12.1%	9043	6062	42780	43880	21.1%	13.8%	1266	800	6475	6549	19.6%	12.2%
2009-2010	6480	4193	32063	34465	20.2%	12.2%	9026	6118	43001	44480	21.0%	13.8%	1297	833	6539	6619	19.8%	12.6%
2010-2011	6506	4149	32089	34673	20.3%	12.0%	9110	6020	42989	45239	21.2%	13.3%	1269	881	6653	6755	19.1%	13.0%
2011-2012	6397	4242	32049	34813	20.0%	12.2%	9163	5989	42862	45725	21.4%	13.1%	1267	879	6713	6790	18.9%	12.9%
2012-2013	6279	4155	32071	34552	19.6%	12.0%	9020	5916	42696	45886	21.1%	12.9%	1253	815	6775	6902	18.5%	11.8%
2013-2014	5918	4036	31731	34031	18.7%	11.9%	8906	5825	42176	45181	21.1%	12.9%	1158	765	6770	6925	17.1%	11.0%
2014-2015	5573	3836	31141	33576	17.9%	11.4%	8614	5512	41683	44287	20.7%	12.4%	1067	727	6642	7003	16.1%	10.4%
2015-2016	5413	3696	30261	32968	17.9%	11.2%	8445	5366	40850	43005	20.7%	12.5%	995	694	6532	6987	15.2%	9.9%
2016-2017	5263	3655	29805	32739	17.7%	11.2%	8396	5347	40832	42646	20.6%	12.5%	1003	679	6492	7115	15.4%	9.5%
2017-2018	5309	3589	29156	32314	18.2%	11.1%	8219	5285	40747	42619	20.2%	12.4%	1019	716	6453	7296	15.8%	9.8%

Source: MPHEC PSIS database; Statistics Canada Table 17-10-0005-01. Students with gender 'Not Reported' have been excluded.

TABLE 6: HOME PROVINCE PARTICIPATION BY AGE COHORT

Number of *students aged n years enrolled full-time in their home province* divided by the provincial population aged *n* years, 2003-2004.

What this Measure tells us: This definition provides more detailed information on the participation of individual age cohorts. This definition includes only students enrolled in their home province, and zeroing in on this sub-population gives an accurate account of the extent to which universities are serving students in their province.

Age	2003-2004								
	New Brunswick			Nova Scotia			Prince Edward Island		
	Full-Time Home Province Enrolment	Population	Home Province Participation Rate	Full-Time Home Province Enrolment	Population	Home Province Participation Rate	Full-Time Home Province Enrolment	Population	Home Province Participation Rate
17	22	10 018	0.2%	50	12 658	0.4%	25	2 131	1.2%
18	2 343	10 148	23.1%	2 951	12 787	23.1%	460	2 091	22.0%
19	2 202	10 304	21.4%	3 625	12 974	27.9%	423	1 981	21.4%
20	2 052	10 308	19.9%	3 327	12 719	26.2%	376	1 975	19.0%
21	1 981	10 135	19.5%	3 001	12 400	24.2%	345	1 923	17.9%
22	1 302	10 151	12.8%	2 166	12 432	17.4%	234	1 838	12.7%
23	848	9 880	8.6%	1 359	12 342	11.0%	165	1 725	9.6%
24	567	9 381	6.0%	1 016	11 783	8.6%	101	1 738	5.8%
25	336	9 358	3.6%	633	11 330	5.6%	58	1 608	3.6%
26	286	9 689	3.0%	510	11 340	4.5%	54	1 558	3.5%
27	232	9 527	2.4%	424	11 467	3.7%	31	1 547	2.0%
28	165	9 504	1.7%	312	11 451	2.7%	24	1 595	1.5%
29	130	9 620	1.4%	255	11 456	2.2%	24	1 672	1.4%

Source: MPHEC PSIS database; Statistics Canada Table 17-10-0005-01.

TABLE 6: HOME PROVINCE PARTICIPATION BY AGE COHORT (CONTINUED)

Number of *students aged n years enrolled full-time in their home province* divided by the provincial population aged *n* years, 2017-2018.

Age	2017-2018								
	New Brunswick			Nova Scotia			Prince Edward Island		
	Full-Time Home Province Enrolment	Population	Home Province Participation Rate	Full-Time Home Province Enrolment	Population	Home Province Participation Rate	Full-Time Home Province Enrolment	Population	Home Province Participation Rate
17	12	8 294	0.1%	31	10 443	0.3%	2	1 756	0.1%
18	1 943	8 155	23.8%	2 241	10 704	20.9%	361	1 822	19.8%
19	1 926	8 575	22.5%	2 619	11 473	22.8%	331	1 868	17.6%
20	1 586	8 582	18.5%	2 564	11 926	21.5%	340	2 020	16.7%
21	1 521	8 925	17.0%	2 380	12 369	19.2%	309	2 089	14.8%
22	980	9 060	10.8%	1 782	12 275	14.5%	232	2 049	11.3%
23	566	9 077	6.2%	1 130	12 307	9.2%	94	1 971	4.8%
24	385	9 096	4.2%	803	12 312	6.5%	69	1 930	3.6%
25	261	8 871	2.9%	596	12 327	4.8%	54	1 977	2.7%
26	195	9 027	2.2%	426	12 892	3.3%	54	1 946	2.7%
27	150	8 898	1.7%	385	12 911	3.0%	32	1 830	1.8%
28	110	8 518	1.3%	296	12 350	2.4%	36	1 678	2.1%
29	77	8 264	0.9%	256	11 880	2.2%	22	1 580	1.5%

Source: MPHEC PSIS database; Statistics Canada Table 17-10-0005-01.

TABLE 7: DIRECT ENTRY RATE OF RESIDENT HIGH SCHOOL STUDENTS

Number of *first-year direct entry* (determined by proxy: age ≤ 18 years as of Dec. 31st) *full-time students in year n* divided by the number of high school graduates aged 18 or less in year *n-1*.

What this Measure tells us: This measure illustrates the rate of home province enrolment direct from high school, which is the traditional source of new recruitment for institutions. It is this group that is affected by the predicted demographic declines. This definition uses a proxy (age ≤ 18 years as of Dec. 31st) to designate first-year, direct (from high school) entry students.

	New Brunswick			Nova Scotia			Prince Edward Island		
	First-year Direct Entry of NB Residents	High School Graduates Previous Year	Direct Entry Rate of Resident HS Students	First-year Direct Entry of NS Residents	High School Graduates Previous Year	Direct Entry Rate of Resident HS Students	First-year Direct Entry of PE Residents	High School Graduates Previous Year	Direct Entry Rate of Resident HS Students
2003-2004	2 365	n/a	n/a	3 001	9 657	31.1%	485	1 545	31.4%
2004-2005	2 360	7 833	30.1%	2 827	9 756	29.0%	471	1 533	30.7%
2005-2006	2 344	7 848	29.9%	2 718	9 693	28.0%	471	1 512	31.2%
2006-2007	2 215	7 929	27.9%	2 613	9 672	27.0%	471	1 545	30.5%
2007-2008	2 249	7 680	29.3%	2 560	9 825	26.1%	467	1 617	28.9%
2008-2009	2 331	7 788	29.9%	2 544	10 026	25.4%	485	1 671	29.0%
2009-2010	2 361	7 824	30.2%	2 451	9 792	25.0%	467	1 623	28.8%
2010-2011	2 247	7 944	28.3%	2 496	9 663	25.8%	475	1 650	28.8%
2011-2012	2 281	7 611	30.0%	2 554	9 603	26.6%	454	1 581	28.7%
2012-2013	2 247	7 581	29.6%	2 422	9 513	25.5%	439	1 533	28.6%
2013-2014	2 070	7 524	27.5%	2 445	9 303	26.3%	437	1 569	27.9%
2014-2015	1 826	7 245	25.2%	2 347	9 243	25.4%	395	1 527	25.9%
2015-2016	1 878	7 047	26.6%	2 276	8 904	25.6%	364	1 464	24.9%
2016-2017	1 982	7 155	27.7%	2 287	8 628	26.5%	368	1 359	27.1%
2017-2018	1 957	6 951	28.2%	2 276	8 586	26.5%	364	1 275	28.5%

Source: *Enrolments*: MPHEC PSIS database; *High school graduates*: Statistics Canada Table 37-10-0008-01 Number of graduates from regular programs for youth, public secondary schools, by age and sex

TABLE 8: OVERALL PARTICIPATION

Number of *students enrolled full-time in a province*,
divided by the provincial population aged 18-24.

What this Measure tells us: This definition measures general student activity as a proportion of the typical university student-aged population in the province. It has been published historically by the Maritime Provinces Higher Education Commission (MPHEC) to enable comparison with Statistics Canada’s historical definition. This definition includes all full-time students enrolled regardless of age or geographic origin; because substantial proportions of students come from outside the region to study, the definition is not an accurate measure of the extent to which a province’s universities are accessed by its typical student-aged population, and should therefore be used with caution.

	New Brunswick			Nova Scotia			Prince Edward Island			Canada		
	Full-Time Enrolment	Population 18-24	Overall Participation Rate	Full-Time Enrolment	Population 18-24	Overall Participation Rate	Full-Time Enrolment	Population 18-24	Overall Participation Rate	Full-Time Enrolment	Population 18-24	Overall Participation Rate
1993-1994	19 364	80 159	24.2%	30 888	95 474	32.4%	2 691	13 605	19.8%	574 320	2 821 462	20.4%
2003-2004	20 053	70 307	28.5%	35 662	87 437	40.8%	3 246	13 271	24.5%	738 159	3 050 114	24.2%
2004-2005	20 141	70 124	28.7%	36 074	87 923	41.0%	3 382	13 460	25.1%	765 138	3 086 837	24.6%
2005-2006	20 083	68 712	29.2%	35 550	87 433	40.7%	3 368	13 391	25.2%	786 060	3 104 218	25.1%
2006-2007	19 201	67 400	28.5%	34 800	86 795	40.1%	3 374	13 111	25.7%	799 686	3 118 820	25.4%
2007-2008	18 657	66 562	28.0%	33 599	86 300	38.9%	3 251	13 012	25.0%	802 803	3 144 484	25.3%
2008-2009	18 122	66 423	27.3%	33 273	86 660	38.4%	3 371	13 024	25.9%	831 678	3 180 582	26.2%
2009-2010	18 045	66 528	27.1%	34 078	87 481	39.0%	3 543	13 158	26.9%	888 519	3 219 355	27.6%
2010-2011	18 171	66 762	27.2%	35 207	88 228	39.9%	3 676	13 408	27.4%	918 420	3 252 235	28.3%
2011-2012	18 367	66 862	27.5%	36 098	88 587	40.7%	3 761	13 503	27.9%	947 796	3 279 835	28.9%
2012-2013	18 311	66 623	27.5%	36 616	88 582	41.3%	3 741	13 677	27.4%	966 813	3 328 901	29.1%
2013-2014	17 681	65 762	26.9%	36 794	87 357	42.1%	3 684	13 695	26.9%	983 232	3 371 184	29.2%
2014-2015	16 870	64 717	26.1%	36 669	85 970	42.7%	3 664	13 645	26.9%	1 002 624	3 390 512	29.6%
2015-2016	16 497	63 229	26.1%	36 341	83 855	43.3%	3 658	13 519	27.1%	1 010 847	3 357 970	30.1%
2016-2017	16 080	62 544	25.7%	36 156	83 478	43.3%	3 733	13 607	27.4%	1 027 644	3 346 397	30.7%
2017-2018	15 891	61 470	25.9%	36 247	83 366	43.5%	3 951	13 749	28.7%	n/a	3 351 814	n/a

Source: *Maritime enrolment data*: MPHEC PSIS database; *Canada enrolment data*: Statistics Canada Table: 37-10-0018-01; *Population data*: Statistics Canada Table: 17-10-0005-01.

TABLE 9: HOME PROVINCE FULL AND PART-TIME PARTICIPATION

Number of students enrolled full or part-time in their home province divided by the provincial population aged 18-24.

What this Measure tells us: This definition can provide insight into the extent a province's universities are accessed by the typical university aged population. This definition is different from the Home Province Participation Rate, however, in that it includes students enrolled either full or part-time in their home province. While most participation rates in the literature focus on full-time enrolments, this measure widens the scope to include part-time students as well.

	New Brunswick			Nova Scotia			Prince Edward Island		
	Full-Time or Part-Time Home Province Enrolment	Population 18-24	Full-Time or Part-Time Home Province Participation Rate	Full-Time or Part-Time Home Province Enrolment	Population 18-24	Full-Time or Part-Time Home Province Participation Rate	Full-Time or Part-Time Home Province Enrolment	Population 18-24	Full-Time or Part-Time Home Province Participation Rate
1993-1994	20 235	80 159	25.2%	28 809	95 474	30.2%	2 854	13 605	21.0%
2003-2004	17 492	70 307	24.9%	27 430	87 437	31.4%	2 994	13 271	22.6%
2004-2005	17 419	70 124	24.8%	26 855	87 923	30.5%	3 112	13 460	23.1%
2005-2006	17 521	68 712	25.5%	25 615	87 433	29.3%	3 010	13 391	22.5%
2006-2007	16 711	67 400	24.8%	25 260	86 795	29.1%	3 098	13 111	23.6%
2007-2008	16 431	66 562	24.7%	24 470	86 300	28.4%	2 978	13 012	22.9%
2008-2009	16 019	66 423	24.1%	23 822	86 660	27.5%	3 060	13 024	23.5%
2009-2010	15 969	66 528	24.0%	23 907	87 481	27.3%	3 115	13 158	23.7%
2010-2011	15 793	66 762	23.7%	23 579	88 228	26.7%	3 175	13 408	23.7%
2011-2012	15 559	66 862	23.3%	23 364	88 587	26.4%	3 243	13 503	24.0%
2012-2013	15 016	66 623	22.5%	22 942	88 582	25.9%	3 082	13 677	22.5%
2013-2014	14 153	65 762	21.5%	22 569	87 357	25.8%	2 866	13 695	20.9%
2014-2015	13 323	64 717	20.6%	21 875	85 970	25.4%	2 708	13 645	19.8%
2015-2016	12 736	63 229	20.1%	21 217	83 855	25.3%	2 492	13 519	18.4%
2016-2017	12 383	62 544	19.8%	21 014	83 478	25.2%	2 459	13 607	18.1%
2017-2018	12 335	61 470	20.1%	20 619	83 366	24.7%	2 467	13 749	18.0%

Source: MPHEC PSIS database; Statistics Canada Table 17-10-0005-01.

TABLE 10: MARITIME FULL AND PART-TIME PARTICIPATION OF RESIDENTS

Number of provincial residents enrolled full or part-time in a Maritime university divided by the provincial population aged 18-24.

What this Measure tells us: Like the Maritime Participation of Residents definition on which this is based, this definition provides the regional picture of the extent university education is accessed by a provincial population and the extent of its intra-regional mobility, as it encompasses the enrolment of provincial residents in all Maritime universities. Certain subpopulations may be more likely to seek education outside their province, such as for programs unavailable in their province, or French-language instruction. Because both full and part-time students are included and because part-time students are more likely to be older (than 24), more students are added to the numerator which are outside the range of the denominator. Therefore, the rates are higher than in the Maritime Participation of Residents definition.

	New Brunswick			Nova Scotia			Prince Edward Island		
	Full-Time or Part-Time Enrolment of NB Resident in Maritime Universities	Population 18-24	Maritime Full-Time and Part-Time Participation Rate of Residents	Full-Time or Part-Time Enrolment of NS Resident in Maritime Universities	Population 18-24	Maritime Full-Time and Part-Time Participation Rate of Residents	Full-Time or Part-Time Enrolment of PEI Resident in Maritime Universities	Population 18-24	Maritime Full-Time and Part-Time Participation Rate of Residents
1993-1994	22 694	80 159	28.3%	30 490	95 474	31.9%	4 086	13 605	30.0%
2003-2004	20 256	70 307	28.8%	29 618	87 437	33.9%	4 475	13 271	33.7%
2004-2005	20 192	70 124	28.8%	28 980	87 923	33.0%	4 613	13 460	34.3%
2005-2006	20 308	68 712	29.6%	27 759	87 433	31.7%	4 475	13 391	33.4%
2006-2007	19 503	67 400	28.9%	27 281	86 795	31.4%	4 569	13 111	34.8%
2007-2008	19 066	66 562	28.6%	26 438	86 300	30.6%	4 415	13 012	33.9%
2008-2009	18 670	66 423	28.1%	25 739	86 660	29.7%	4 467	13 024	34.3%
2009-2010	18 581	66 528	27.9%	25 804	87 481	29.5%	4 487	13 158	34.1%
2010-2011	18 460	66 762	27.7%	25 479	88 228	28.9%	4 565	13 408	34.0%
2011-2012	18 180	66 862	27.2%	25 268	88 587	28.5%	4 683	13 503	34.7%
2012-2013	17 685	66 623	26.5%	24 799	88 582	28.0%	4 491	13 677	32.8%
2013-2014	16 840	65 762	25.6%	24 363	87 357	27.9%	4 242	13 695	31.0%
2014-2015	16 076	64 717	24.8%	23 632	85 970	27.5%	4 017	13 645	29.4%
2015-2016	15 354	63 229	24.3%	22 993	83 855	27.4%	3 715	13 519	27.5%
2016-2017	14 975	62 544	23.9%	22 807	83 478	27.3%	3 689	13 607	27.1%
2017-2018	15 027	61 470	24.4%	22 375	83 366	26.8%	3 671	13 749	26.7%

Source: MPHEC PSIS database; Statistics Canada Table 17-10-0005-01.

TABLE 11: OVERALL FULL AND PART-TIME PARTICIPATION

Number of *students enrolled full or part-time* divided by the provincial population aged 18-24.

What this Measure tells us: This measure is based on the Overall Participation Rate; the difference is that both full and part-time students are included in the numerator. The denominator, the population aged 18-24, remains the same. As with the Overall Participation Rate, this definition measures general student activity as a proportion of the typical university-aged student population in the province; with all full and part-time students included in the numerator, it is the most “generous” definition and thus records the highest participation rates. The same cautions noted for the Overall Participation Rate definition stand for this one: as the definition includes all students regardless of age or geographic origin, and substantial numbers come from outside the region to study, the definition is not an accurate measure of the extent to which a province’s universities are serving its typical student-aged population.

	New Brunswick			Nova Scotia			Prince Edward Island		
	Full-Time and Part-Time Enrolment	Population 18-24	Overall Full-Time and Part-Time Participation Rate	Full-Time and Part-Time Enrolment	Population 18-24	Overall Full-Time and Part-Time Participation Rate	Full-Time and Part-Time Enrolment	Population 18-24	Overall Full-Time and Part-Time Participation Rate
1993-1994	24 918	80 159	31.1%	38 900	95 474	40.7%	3 467	13 605	25.5%
2003-2004	24 715	70 307	35.2%	44 081	87 437	50.4%	3 843	13 271	29.0%
2004-2005	24 552	70 124	35.0%	44 347	87 923	50.4%	3 992	13 460	29.7%
2005-2006	24 501	68 712	35.7%	43 697	87 433	50.0%	3 888	13 391	29.0%
2006-2007	23 353	67 400	34.6%	42 816	86 795	49.3%	4 008	13 111	30.6%
2007-2008	22 825	66 562	34.3%	41 470	86 300	48.1%	3 921	13 012	30.1%
2008-2009	22 231	66 423	33.5%	41 303	86 660	47.7%	4 131	13 024	31.7%
2009-2010	22 226	66 528	33.4%	42 060	87 481	48.1%	4 232	13 158	32.2%
2010-2011	22 255	66 762	33.3%	42 897	88 228	48.6%	4 415	13 408	32.9%
2011-2012	22 246	66 862	33.3%	43 582	88 587	49.2%	4 500	13 503	33.3%
2012-2013	21 981	66 623	33.0%	44 073	88 582	49.8%	4 385	13 677	32.1%
2013-2014	21 223	65 762	32.3%	44 227	87 357	50.6%	4 214	13 695	30.8%
2014-2015	20 118	64 717	31.1%	44 037	85 970	51.2%	4 272	13 645	31.3%
2015-2016	19 394	63 229	30.7%	43 268	83 855	51.6%	4 188	13 519	31.0%
2016-2017	18 910	62 544	30.2%	43 200	83 478	51.8%	4 197	13 607	30.8%
2017-2018	18 593	61 470	30.2%	43 077	83 366	51.7%	4 400	13 749	32.0%

Source: MPHEC PSIS database; Statistics Canada Table 17-10-0005-01.

TABLE 12: HOME PROVINCE DIRECT ENTRY 18-19 YEAR OLDS

Number of 18-19 year-old students enrolled full-time in their home province divided by the provincial population aged 18-19.

What this Measure tells us: This measure illustrates the rate of home province participation for 18-19 year olds, which is an important source of new recruitment for institutions. This group is affected by the predicted demographic declines. The measure provides a proxy for the extent to which a province's typical recent high school graduate-aged population engages in university education within their own province. The numerator includes all full-time students, aged 18-19 years old from the province.

	New Brunswick			Nova Scotia			Prince Edward Island		
	Full-Time Enrolment 18-19 year olds, Home Province	Population 18-19	Home Province Direct Entry Rate	Full-Time Enrolment 18-19 year olds, Home Province	Population 18-19	Home Province Direct Entry Rate	Full-Time Enrolment 18-19 year olds, Home Province	Population 18-19	Home Province Direct Entry Rate
1993-1994	5 394	23 051	23.4%	6 239	26 541	23.5%	780	4 030	19.4%
2003-2004	4 545	20 452	22.2%	6 576	25 761	25.5%	883	4 072	21.7%
2004-2005	4 625	20 149	23.0%	6 415	25 635	25.0%	913	4 217	21.7%
2005-2006	4 579	19 539	23.4%	6 036	25 332	23.8%	872	4 085	21.3%
2006-2007	4 376	19 218	22.8%	5 809	25 222	23.0%	880	3 863	22.8%
2007-2008	4 320	19 362	22.3%	5 597	25 222	22.2%	827	3 921	21.1%
2008-2009	4 381	19 616	22.3%	5 550	25 879	21.4%	876	4 021	21.8%
2009-2010	4 527	19 827	22.8%	5 436	25 999	20.9%	907	4 115	22.0%
2010-2011	4 421	19 529	22.6%	5 490	25 193	21.8%	854	4 135	20.7%
2011-2012	4 415	19 267	22.9%	5 519	24 314	22.7%	850	4 014	21.2%
2012-2013	4 326	19 032	22.7%	5 478	23 908	22.9%	808	3 905	20.7%
2013-2014	4 100	18 484	22.2%	5 277	23 319	22.6%	757	3 908	19.4%
2014-2015	3 711	17 813	20.8%	5 143	23 059	22.3%	748	3 964	18.9%
2015-2016	3 613	17 160	21.1%	4 991	22 722	22.0%	682	3 899	17.5%
2016-2017	3 738	16 997	22.0%	5 038	22 479	22.4%	689	3 746	18.4%
2017-2018	3 869	16 730	23.1%	4 860	22 177	21.9%	692	3 690	18.7%

Source: MPHEC PSIS database; Statistics Canada Table 17-10-0005-01.

TABLE 13: REGION WIDE DIRECT ENTRY 18-19 YEAR OLDS

Number of 18-19 year-old provincial residents enrolled full-time in a Maritime university divided by the provincial population aged 18-19.

What this Measure tells us: This definition illustrates the rate of region wide participation for 18-19 year olds, which is an important source of new recruitment for Maritime institutions. Unlike the home province direct entry rate, it provides the regional picture of the extent to which a provincial population accesses university education and the extent of its intra-regional mobility, as it encompasses the enrolment of provincial residents in all Maritime universities. It provides an index of the extent to which the region's typical recent high school graduate-aged population engages in university education within the region. The numerator includes all full-time students, aged 18-19 years old enrolled anywhere in the Maritimes.

	New Brunswick			Nova Scotia			Prince Edward Island		
	Full-Time Enrolment 18-19 year old provincial residents anywhere in the Maritimes	Population 18-19	Region Wide Direct Entry Rate	Full-Time Enrolment 18-19 year old provincial residents anywhere in the Maritimes	Population 18-19	Region Wide Direct Entry Rate	Full-Time Enrolment 18-19 year old provincial residents anywhere in the Maritimes	Population 18-19	Region Wide Direct Entry Rate
1993-1994	6 058	23 051	26.3%	6 764	26 541	25.5%	1 058	4 030	26.3%
2003-2004	5 425	20 452	26.5%	7 283	25 761	28.3%	1 290	4 072	31.7%
2004-2005	5 421	20 149	26.9%	7 067	25 635	27.6%	1 317	4 217	31.2%
2005-2006	5 332	19 539	27.3%	6 728	25 332	26.6%	1 277	4 085	31.3%
2006-2007	5 151	19 218	26.8%	6 413	25 222	25.4%	1 243	3 863	32.2%
2007-2008	5 050	19 362	26.1%	6 160	25 222	24.4%	1 201	3 921	30.6%
2008-2009	5 056	19 616	25.8%	6 169	25 879	23.8%	1 262	4 021	31.4%
2009-2010	5 190	19 827	26.2%	6 058	25 999	23.3%	1 264	4 115	30.7%
2010-2011	5 165	19 529	26.4%	6 055	25 193	24.0%	1 180	4 135	28.5%
2011-2012	5 199	19 267	27.0%	6 087	24 314	25.0%	1 223	4 014	30.5%
2012-2013	5 042	19 032	26.5%	6 060	23 908	25.3%	1 173	3 905	30.0%
2013-2014	4 788	18 484	25.9%	5 841	23 319	25.0%	1 108	3 908	28.4%
2014-2015	4 507	17 813	25.3%	5 705	23 059	24.7%	1 086	3 964	27.4%
2015-2016	4 356	17 160	25.4%	5 595	22 722	24.6%	988	3 899	25.3%
2016-2017	4 495	16 997	26.4%	5 613	22 479	25.0%	1 020	3 746	27.2%
2017-2018	4 675	16 730	27.9%	5 409	22 177	24.4%	1 018	3 690	27.5%

Source: MPHEC PSIS database; Statistics Canada Table 17-10-0005-01.