

**Post-Secondary Enrolments and  
Credentials Granted in N.B.  
December 2021**



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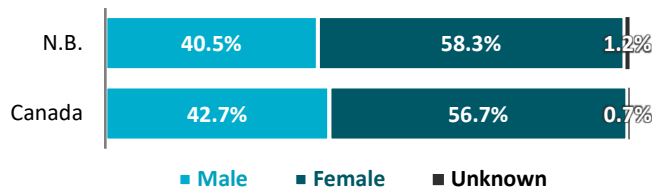
**Note:** Students enrolled in basic education and skills programs<sup>1</sup> have been excluded from all analysis in this report.

## Public Universities

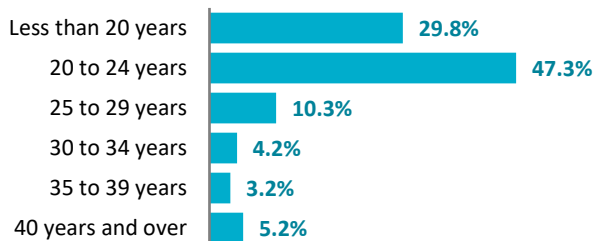
### Enrolment<sup>2</sup>

As of the 2019-2020 academic year, there were 18,999 students enrolled in public universities in New Brunswick. Women accounted for 58.3% of these students. The majority of both male and female university students in the province were less than 25 years of age.

### Enrolment in Public Universities by Gender – New Brunswick and Canada – 2019-2020



### Enrolment in Public Universities by Age Group – New Brunswick – 2019-2020



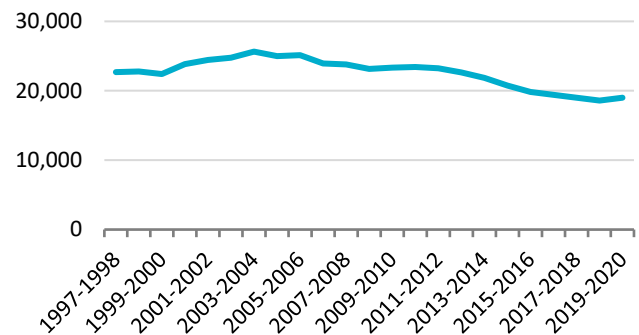
Of the 18,999 students enrolled in public universities in New Brunswick, 16,416 (86.4%) were enrolled full-time. The majority of both full-time and part-time students were studying at the undergraduate level. A breakdown of enrolment by program level can be found in the preceding table.

### Enrolment in Public Universities by Program Level – New Brunswick – 2019-2020

Program Level	Total
Below bachelor level	138
Bachelor's or equivalent	15,321
Master's or equivalent	2,130
Doctoral or equivalent	498
N/A <sup>3</sup>	912
<b>Total</b>	<b>18,999</b>

Since the early-to-mid 2000s, enrolment in publicly funded universities in New Brunswick has been declining steadily. Between 2003-2004 and 2019-2020, enrolment in New Brunswick universities fell from 25,641 to 18,999, a 25.9% decrease (an average<sup>4</sup> decrease of 1.9% annually).

### Enrolment in Public Universities – New Brunswick



As of 2019-2020, relative to total population size, fewer students were enrolled in universities in New Brunswick than in any other province. While this is in part a reflection of the province's relatively older population, this trend still holds true if enrolment is considered relative to youth (rather than total) population instead.

<sup>1</sup> "Basic education and skills programs" refer to non-postsecondary programs that are offered in postsecondary institutions.

<sup>2</sup> Source(s): Statistics Canada, Postsecondary Student Information System, Tables 37-10-0011, 37-10-0015, 37-10-0018, and 37-10-0163; and Statistics Canada, Annual Demographic Estimates, Table 17-10-0005.

<sup>3</sup> Includes students enrolled in courses who have not declared a program of intent.

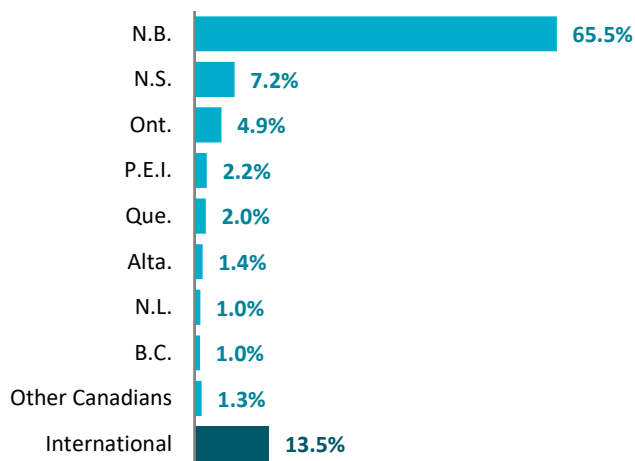
<sup>4</sup> "Average" growth rates mentioned in this document represent compound annual growth rates.

### Enrolment in Public Universities – 2019-2020

	Total Enrolments	Relative to 2019 Population
N.L.	18,174	3.5%
P.E.I.	4,740	3.0%
N.S.	46,110	4.8%
N.B.	18,999	2.4%
Que.	314,967	3.7%
Ont.	556,269	3.8%
Man.	47,604	3.5%
Sask.	38,376	3.3%
Alta.	138,426	3.2%
B.C.	189,978	3.7%
Territories	---	---
<b>Total – Canada</b>	<b>1,373,643</b>	<b>3.7%</b>

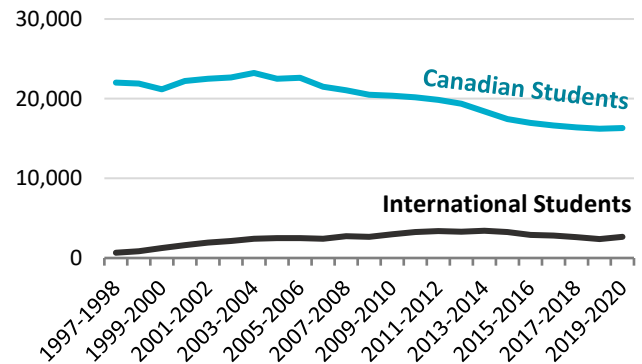
New Brunswick universities' declining enrolment numbers have been driven not only by the province's shrinking youth population, but also by a decline in the numbers of students coming to study in the province from other parts of the country.

### Enrolment in New Brunswick Public Universities by Province of Residence – 2019-2020<sup>5</sup>



Furthermore, after having peaked in 2013-2014, the number of international students enrolled in New Brunswick public universities has been gradually declining in recent years.

### Enrolment in Public Universities by Status of Student in Canada – New Brunswick



As of the 2019-2020 academic year, relative to population size, New Brunswick had fewer international university students than any other province.

### International Student Enrolments in Public Universities – 2019-2020

	International Students Enrolments	Relative to 2019 Population
N.L.	3,606	0.7%
P.E.I.	1,320	0.8%
N.S.	12,108	1.2%
N.B.	2,667	0.3%
Que.	48,948	0.6%
Ont.	90,756	0.6%
Man.	7,977	0.6%
Sask.	5,505	0.5%
Alta.	15,987	0.4%
B.C.	46,002	0.9%
Territories	---	---
<b>Total – Canada</b>	<b>234,867</b>	<b>0.6%</b>

In 2019-2020, China, India, United States and the Democratic Republic of the Congo were the top sources of international students for New Brunswick universities.<sup>5</sup>

<sup>5</sup> Source(s): Maritime Provinces Higher Education Commission.

In 2019-2020, 27.0% of university students in New Brunswick were studying in a STEM<sup>6</sup> program. This was up from 26.5% in 2014-2015, but was still below the percentage seen at a national level of 29.2%. This increase was in part due to an increase to the number of students in “mathematics and computer and information sciences” related programs. Beyond students enrolled in STEM programs, 69.8% of university students in New Brunswick were enrolled in BHASE<sup>7</sup> programs, and 3.2% were enrolled in unclassified fields of study.

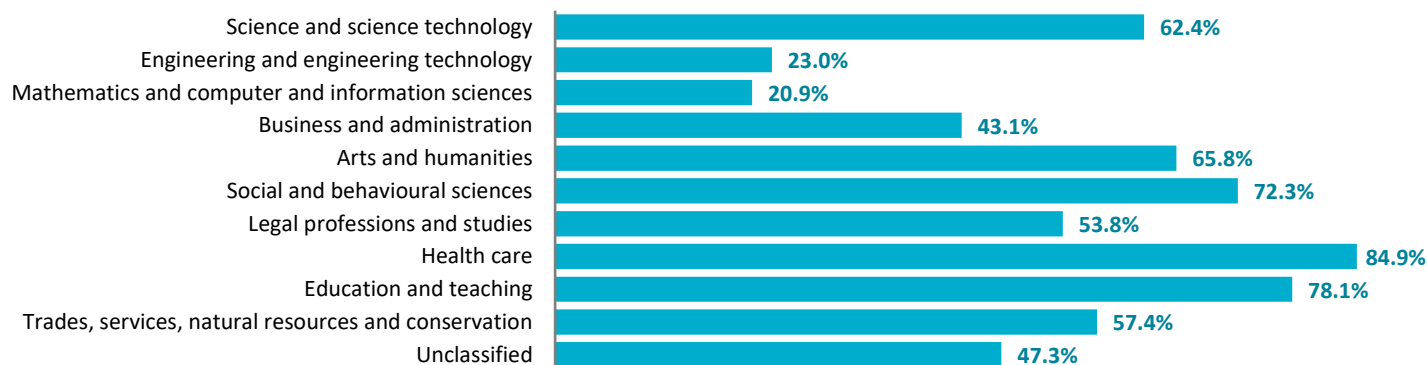
### **Enrolment in Public Universities by Program Type – New Brunswick and Canada – 2014-2015 and 2019-2020**

	New Brunswick		Canada
	2014-2015	2019-2020	2019-2020
<b>STEM</b>	<b>26.5%</b>	<b>27.0%</b>	<b>29.2%</b>
Science and science technology	13.0%	13.4%	13.6%
Engineering and engineering technology	10.0%	9.3%	9.8%
Mathematics and computer and information sciences	3.4%	4.3%	5.8%
<b>BHASE</b>	<b>70.5%</b>	<b>69.8%</b>	<b>69.1%</b>
Business and administration	14.2%	13.0%	16.6%
Arts and humanities	18.1%	19.3%	14.0%
Social and behavioural sciences	10.0%	11.2%	15.2%
Legal professions and studies	1.9%	2.1%	1.7%
Health care	9.4%	8.8%	9.7%
Education and teaching	10.4%	7.6%	5.7%
Trades, services, natural resources and conservation	6.5%	7.9%	6.2%
<b>Unclassified</b>	<b>3.0%</b>	<b>3.2%</b>	<b>1.8%</b>

The gender breakdown of students varied significantly by field of study:

- Men outnumbered women significantly in terms of enrolment in mathematics, computer and information sciences related programs at the university level. In 2019-2020, women accounted for just 20.9% of enrolments in these programs in the province (up from 19.3% in 2014-2015). At a national level this percentage was 29.7%.
- On the other hand, women outnumbered men significantly in terms of enrolment in health care related university programs. In 2019-2020, women accounted for 84.9% of enrolments in these programs in the province (down from 86.7% in 2014-2015). Nationally, this percentage was 75.2%.

### **Percentage of Enrolment Accounted for by Women in Public Universities by Program Type – New Brunswick – 2019-2020**



<sup>6</sup> The STEM category includes fields of study in science, technology, engineering, and mathematics and computer sciences.

<sup>7</sup> The BHASE category includes fields of study in business, humanities, health, arts, social science, education, legal studies, trades, services, natural resources and conservation.

## Credentials Granted<sup>8</sup>

In 2019, 4,431 credentials were granted by public universities in New Brunswick.

### Credentials Granted by Public Universities – New Brunswick – 2019

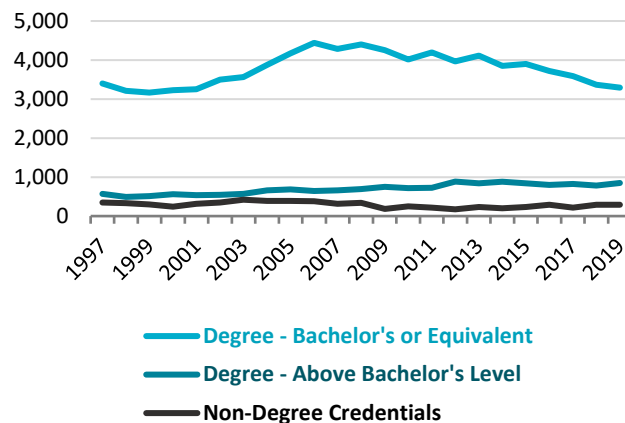
	Total
<b>Degrees</b>	<b>4,140</b>
Bachelor's or equivalent	3,294
Master's or equivalent	777
Doctoral or equivalent	69
<b>Non-Degree Credentials</b>	<b>291</b>
<b>Total</b>	<b>4,431</b>

Women account for the majority of university graduates in New Brunswick. In 2019, 60.0% of the credentials granted by public universities in New Brunswick were granted to women. The number of credentials granted to women outnumbered the number of credentials granted to men at every level of education except at the doctoral level.

Similar to enrolment totals, the number of credentials being granted by New Brunswick universities has trended downwards in recent years. Between 2008 and 2019, the number of credentials granted by public universities in New Brunswick fell by 18.5% (an average decrease of 1.8% annually). This decrease was a product of a 14.9% decrease in the number of non-degree credentials granted, a 25.2% decrease in the number of bachelor's degrees granted, and a 21.6% increase in the number of graduate degrees granted.

Despite the recent increase in the number of graduate degrees being granted, New Brunswick still ranked near the bottom among the provinces in terms of master's and doctoral degrees granted in 2019-2020 (both in terms of absolutes and on a relative basis).

### Credentials Granted by Public Universities – New Brunswick



## Public Colleges

### Enrolment<sup>9</sup>

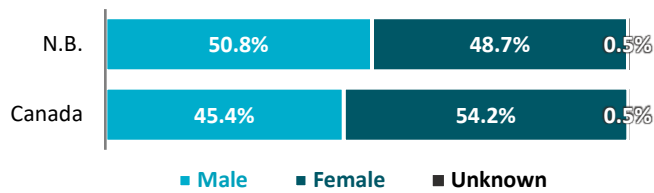
As of the 2019-2020 academic year, there were 8,148 students enrolled in public colleges in New Brunswick (excluding students enrolled in basic education and skills programs, but including 630 students enrolled in courses/activities that are not within a program and have no evaluative component). Of these students, 6,906 (84.8%) were enrolled full-time.

In contrast to universities, enrolment in public colleges in New Brunswick was almost evenly split between men and women. Furthermore, while the majority of individuals enrolled in colleges tended to be relatively young (less than 25 years of age), it was much more common for individuals to enrol in college at an older age compared to university.

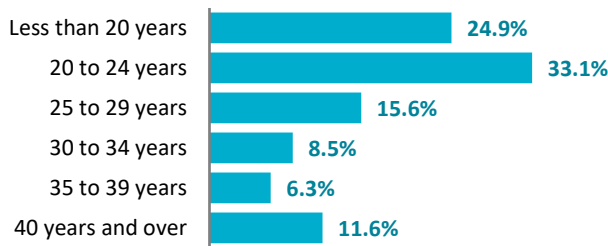
<sup>8</sup> Source(s): Statistics Canada, Postsecondary Student Information System, Tables 37-10-0012 and 37-10-0070.

<sup>9</sup> Source(s): Statistics Canada, Postsecondary Student Information System, Tables 37-10-0011, 37-10-0015, 37-10-0018, and 37-10-0163 and Statistics Canada, Annual Demographic Estimates, Table 17-10-0005.

### Enrolment in Public Colleges by Gender – New Brunswick and Canada – 2019-2020

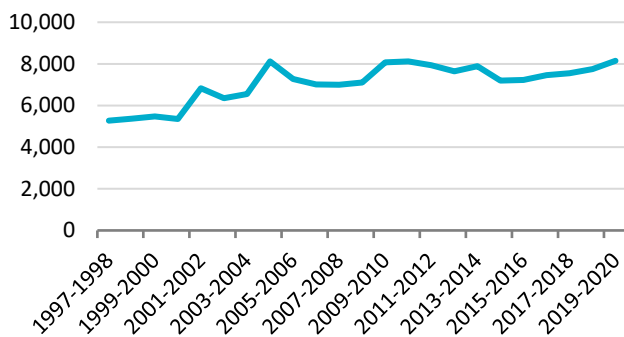


### Enrolment in Public Colleges by Age Group – New Brunswick – 2019-2020



After seeing significant growth throughout the 1990s and early-2000s, the number of students enrolled in publicly-funded colleges in New Brunswick has generally fluctuated between 7,000 and 8,000. As of 2019-2020, enrolment in New Brunswick colleges had increased in five consecutive years.

### Enrolment in Public Colleges – New Brunswick



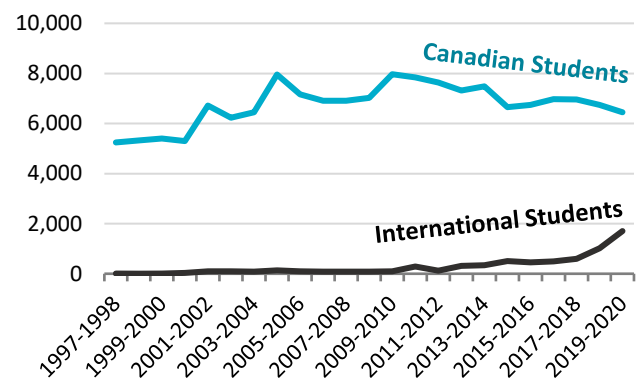
Despite modest growth in recent years, as of 2019-2020, New Brunswick had the second fewest students enrolled in public colleges relative to total population among the provinces.

### Enrolment in Public Colleges – 2019-2020

Province/Territory	Total Enrolments	Relative to 2019 Population
N.L.	7,074	1.4%
P.E.I.	2,850	1.8%
N.S.	9,393	1.0%
N.B.	8,148	1.0%
Que.	214,776	2.5%
Ont.	350,316	2.4%
Man.	15,417	1.1%
Sask.	17,484	1.5%
Alta.	52,938	1.2%
B.C.	98,313	1.9%
Territories	4,257	3.4%
<b>Total – Canada</b>	<b>780,966</b>	<b>2.1%</b>

Growth in college enrolment totals in recent years has been driven by increased enrolment totals among international students. Between 2009-2010 and 2017-2018, the percentage of enrolment accounted for by international students in New Brunswick public colleges rose from 1.3% to 7.9%, before jumping to 13.1% in 2018-2019, and 20.9% in 2019-2020.

### Enrolment in Public Colleges by Status of Student in Canada – New Brunswick





In 2019-2020, 20.3% of college students in New Brunswick were studying towards a credential in a STEM program. This was up from 18.5% in 2014-2015 and was above with the percentage seen at a national level of 18.5%. This increase was, in part, due to an increase in the number of students in “mathematics and computer and information sciences” related programs. The remaining 79.6% of college students in New Brunswick were enrolled in BHASE programs.

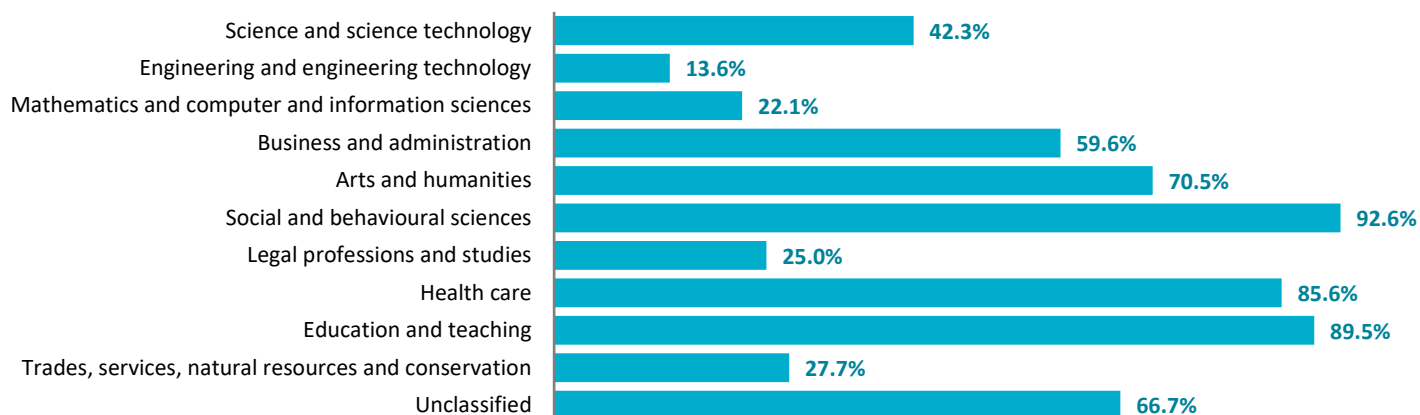
### **Enrolment in Public Colleges by Program Type – New Brunswick and Canada – 2014-2015 and 2019-2020**

	New Brunswick		Canada
	2014-2015	2019-2020	2019-2020
<b>STEM</b>	<b>18.5%</b>	<b>20.3%</b>	<b>18.5%</b>
Science and science technology	1.3%	1.0%	5.4%
Engineering and engineering technology	9.1%	8.7%	7.3%
Mathematics and computer and information sciences	8.1%	10.6%	5.9%
<b>BHASE</b>	<b>81.5%</b>	<b>79.6%</b>	<b>73.1%</b>
Business and administration	16.0%	21.7%	19.3%
Arts and humanities	5.0%	4.9%	15.9%
Social and behavioural sciences	4.8%	7.9%	6.2%
Legal professions and studies	0.4%	0.3%	1.1%
Health care	14.4%	13.1%	11.6%
Education and teaching	0.8%	1.4%	1.8%
Trades, services, natural resources and conservation	40.1%	30.3%	17.2%
<b>Unclassified</b>	<b>---</b>	<b>0.2%</b>	<b>8.4%</b>

While overall, women were slightly outnumbered by men in terms of college enrolment in 2019-2020, this varied by program:

- Women accounted for only 19.6% of enrolment in STEM programs in colleges in New Brunswick. Nationally this percentage was 30.7%.
- Women accounted for the vast majority of students enrolled in ‘health care’ (85.6%), ‘social and behavioural sciences’ (92.6%) and ‘education and teaching’ (89.5%) programs in New Brunswick public colleges. Women accounted for a combined 88.3% of students in these programs in New Brunswick public colleges, compared to 82.8% at a national level.

### **Percentage of Enrolment Accounted for by Women in Public Colleges by Program Type – New Brunswick – 2019-2020**



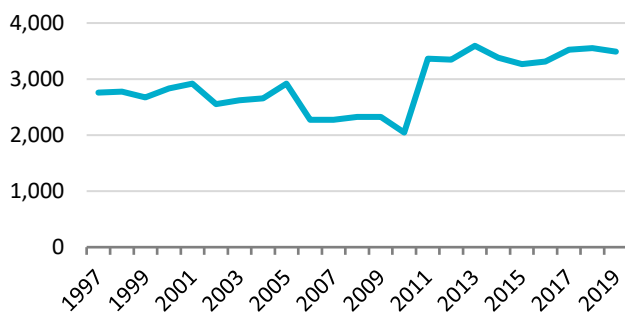


## Credentials Granted<sup>10</sup>

In 2019, a total of 3,489 credentials were granted from public colleges in New Brunswick. Of the 3,489 credentials that were granted, 50.4% were granted to males, 49.3% were granted to females, and 0.4% were granted to individuals that fell into the “gender diverse or unknown gender” category.

After trending downwards between the 2005 and 2010, the total number of credentials being granted by New Brunswick colleges rose dramatically in 2011. Since that time, this number has remained relatively stable.

### Credentials Granted by Public Colleges – New Brunswick



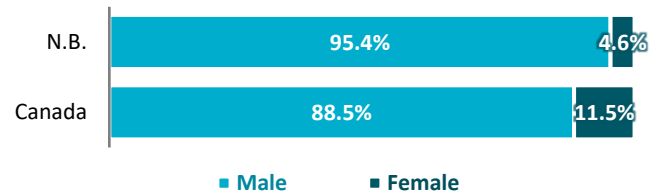
## Apprenticeship

### Registrations<sup>11</sup>

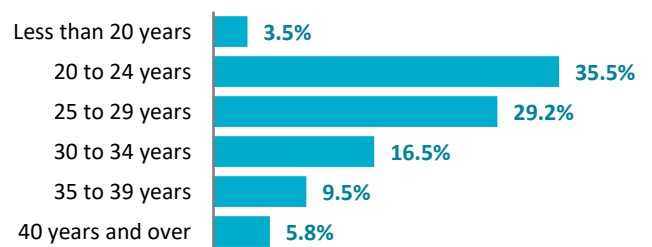
In 2019, 5,916 individuals were registered in apprenticeship programs in New Brunswick. This total included 1,215 new registrations. In contrast to universities and colleges, apprenticeship in New Brunswick (and across Canada) is heavily male-dominated. In 2019, men accounted for 95.4% of apprenticeship registrations in the province. At a national level, this percentage was 88.5%. The gap between this percentage in New Brunswick and at a national level was in part driven by the fact that many female-dominated trades, such as hairstyling, esthetics and early childhood education, are not apprenticeable in New Brunswick.

Compared to both university and college students, registered apprentices are, as a whole, relatively older.

### Registered Apprentices by Gender – New Brunswick and Canada – 2019

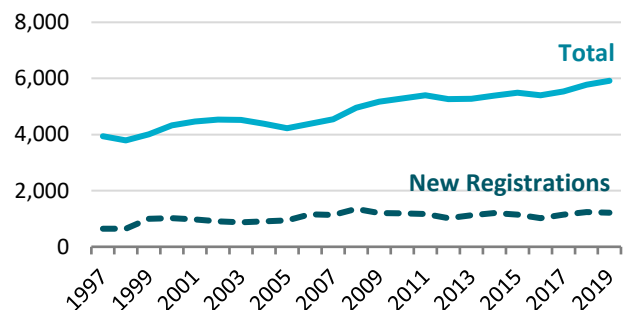


### Registered Apprentices by Age Group – New Brunswick – 2019



After declining significantly throughout the 1990s, the number of registered apprentices has been increasing steadily. Between 1999 and 2019, the number of apprenticeship program registrations in New Brunswick rose from 4,011 to 5,916, a 47.5% increase (an average increase of 2.0% annually).

### Registered Apprentices – New Brunswick



<sup>10</sup> Source(s): Statistics Canada, Postsecondary Student Information System, Tables 37-10-0012 and 37-10-0070.

<sup>11</sup> Source(s): Statistics Canada, Registered Apprenticeship Information System, Table 37-10-0023.

Despite this upward trend, as of 2019, relative to population size, New Brunswick had the second fewest registered apprentices among the provinces.

### Registered Apprentices – 2019

	Registered	Relative to 2019 Population
N.L.	5,937	1.1%
P.E.I.	1,479	0.9%
N.S.	8,358	0.9%
N.B.	5,916	0.8%
Que.	140,274	1.6%
Ont.	97,290	0.7%
Man.	12,213	0.9%
Sask.	9,063	0.8%
Alta.	62,838	1.4%
B.C.	53,112	1.0%
Territories	1,188	1.0%
<b>Total – Canada</b>	<b>397,668</b>	<b>1.1%</b>

While overall New Brunswick had relatively few registered apprentices, the province had among the most millwright and automotive service apprentices relative to population size across Canada.

Across most major trade groups in the province, women accounted for only 1% to 4% of registered apprentices.

The main exception to this trend was food service apprenticeship programs, in which women accounted for 40% of registrations. In most cases, New Brunswick trailed slightly behind national averages in terms of female representation in any particular major trade group.

### Percentage of Apprenticeship Program Registrations Accounted for by Women for Selected Major Trade Groups – New Brunswick – 2019

	N.B.	Canada
Electricians	4%	4%
Automotive service	4%	5%
Plumbers, pipefitters and steamfitters	2%	3%
Carpenters	4%	5%
Millwrights	2%	3%
Welders	7%	9%
Refrigeration and air conditioning mechanics	1%	2%
Heavy equipment and crane operators	2%	3%
Heavy duty equipment mechanics	2%	3%
Exterior finishing	2%	2%
Food service	40%	41%
Hairstylists and estheticians	---	87%
Other	6%	16%

### Registered Apprentices by Major Trade Group – New Brunswick and Canada – 2014 and 2019

	New Brunswick		Canada
	2014	2019	2019
Electricians	24.6%	22.9%	17.1%
Automotive service	16.7%	18.7%	9.9%
Plumbers, pipefitters and steamfitters	11.7%	10.7%	11.0%
Carpenters	12.8%	9.3%	11.3%
Millwrights	5.7%	6.5%	3.1%
Welders	4.7%	5.6%	3.1%
Refrigeration and air conditioning mechanics	3.2%	4.1%	2.7%
Heavy equipment and crane operators	1.7%	3.2%	3.3%
Heavy duty equipment mechanics	1.9%	2.8%	3.3%
Exterior finishing	2.1%	2.5%	2.9%
Food service	2.5%	2.4%	5.1%
Hairstylists and estheticians	0.0%	0.0%	3.3%
Other	12.4%	11.2%	24.0%

## Credentials Granted<sup>12</sup>

In 2019, a total of 1,017 certificates were granted to registered apprentices and trade qualifiers in New Brunswick. While the majority of these certificates were granted to apprentices (636), a significant number of certificates were also granted to trade qualifiers<sup>13</sup> (378). These numbers have remained relatively stable in recent years.

### Certificates Granted to Registered Apprentices and Trade Qualifiers – New Brunswick – 2019

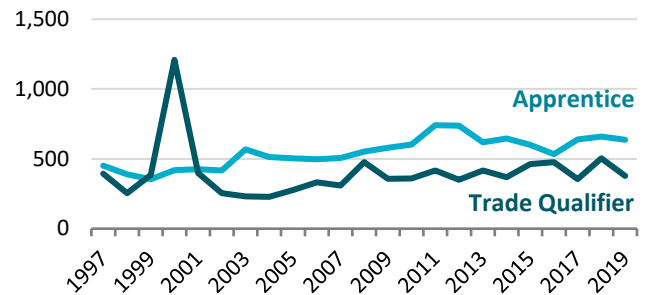
	Apprentice	Trade Qualifier	Total
<b>In Red Seal Trades<sup>14</sup></b>	<b>606</b>	<b>279</b>	<b>891</b>
With Endorsement	606	153	759
Without Endorsement	0	129	129
<b>In Non-Red Seal Trades</b>	<b>30</b>	<b>99</b>	<b>129</b>
<b>Total</b>	<b>636</b>	<b>378</b>	<b>1,017</b>

### Certificates Granted to Registered Apprentices and Trade Qualifiers — 2019

	Apprentice	Trade Qualifier	Total
N.L.	408	99	<b>507</b>
P.E.I.	114	90	<b>204</b>
N.S.	609	186	<b>795</b>
N.B.	636	378	<b>1,017</b>
Que.	10,440	8,637	<b>19,077</b>
Ont.	11,067	2,085	<b>13,152</b>
Man.	1,194	237	<b>1,431</b>
Sask.	1,263	168	<b>1,431</b>
Alta.	7,095	570	<b>7,665</b>
B.C.	5,574	1,359	<b>6,933</b>
Territories	120	39	<b>159</b>
<b>Total – Canada</b>	<b>38,517</b>	<b>13,854</b>	<b>52,368</b>

Only a very small percentage of these certificates were granted to women. In 2019, women accounted for 3.8% of the certificates granted to apprentices, and 5.6% of the certificates granted to trade qualifiers.

### Certificates Granted to Registered Apprentices and Trade Qualifiers – New Brunswick



<sup>12</sup> Source(s): Statistics Canada, Registered Apprenticeship Information System, Table 37-10-0089.

<sup>13</sup> Trade Qualifiers or Trade Challengers are persons who have worked in a specific trade for a number of years, without necessarily having ever been an apprentice, and have chosen to write the required skills assessment examination in their trade.

<sup>14</sup> The Canadian Council of Directors of Apprenticeship and their partners determine which trades are designated as Red Seal trades. Red Seal trades have standardized training and skill assessment requirements across the provinces and territories. In provinces and territories that conduct the standardized examination, the successful candidate will have a Red Seal attached to their provincial or territorial certificate. Non-Red Seal trades do not have standardization practices across the provinces and territories.

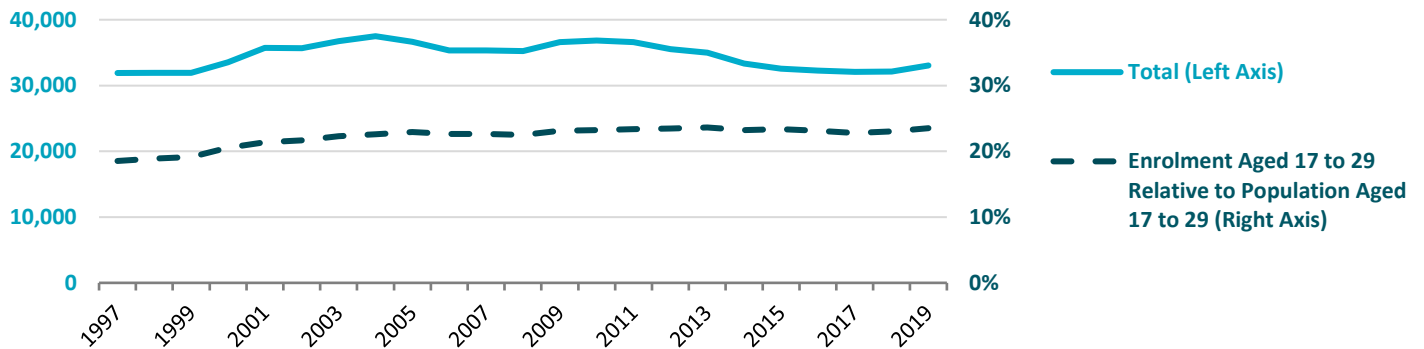
## Appendix: Additional Figures

### Enrolment/Registration

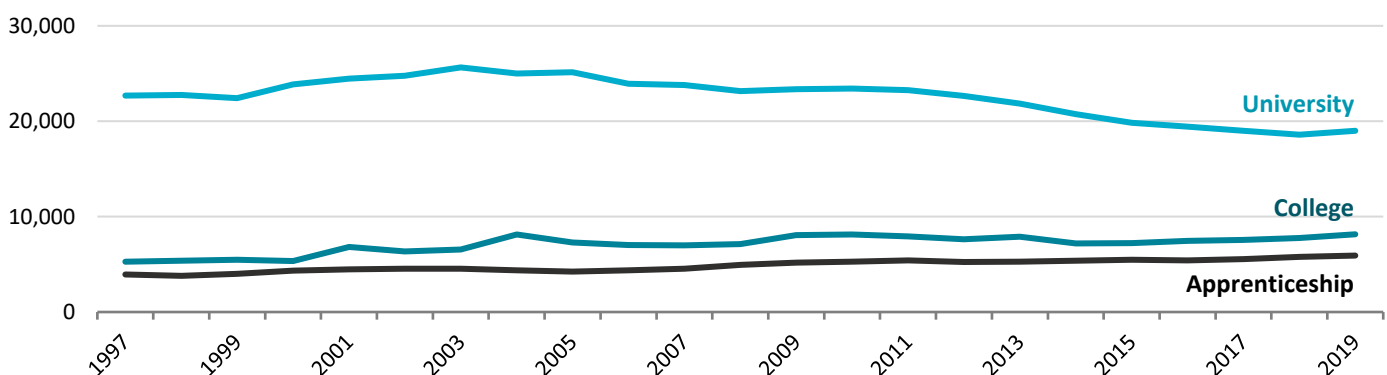
#### Enrolment/Registration in Public Colleges, Universities and Apprenticeship Programs

	Totals			Relative to Population Size		
	University 2019-20	College 2019-20	Apprentices 2019	University 2019-20	College 2019-20	Apprentices 2019
N.L.	18,174	7,074	5,937	3.5%	1.4%	1.1%
P.E.I.	4,740	2,850	1,479	3.0%	1.8%	0.9%
N.S.	46,110	9,393	8,358	4.8%	1.0%	0.9%
N.B.	18,999	8,148	5,916	2.4%	1.0%	0.8%
Que.	314,967	214,776	140,274	3.7%	2.5%	1.6%
Ont.	556,269	350,316	97,290	3.8%	2.4%	0.7%
Man.	47,604	15,417	12,213	3.5%	1.1%	0.9%
Sask.	38,376	17,484	9,063	3.3%	1.5%	0.8%
Alta.	138,426	52,938	62,838	3.2%	1.2%	1.4%
B.C.	189,978	98,313	53,112	3.7%	1.9%	1.0%
Territories	---	4,257	1,188	---	3.4%	1.0%
<b>Total - Canada</b>	<b>1,373,643</b>	<b>780,966</b>	<b>397,668</b>	<b>3.7%</b>	<b>2.1%</b>	<b>1.1%</b>

#### Enrolment/Registration in Public Colleges, Universities and Apprenticeship Programs – New Brunswick



#### Enrolment/Registration in Public Colleges, Universities and Apprenticeship Programs – New Brunswick

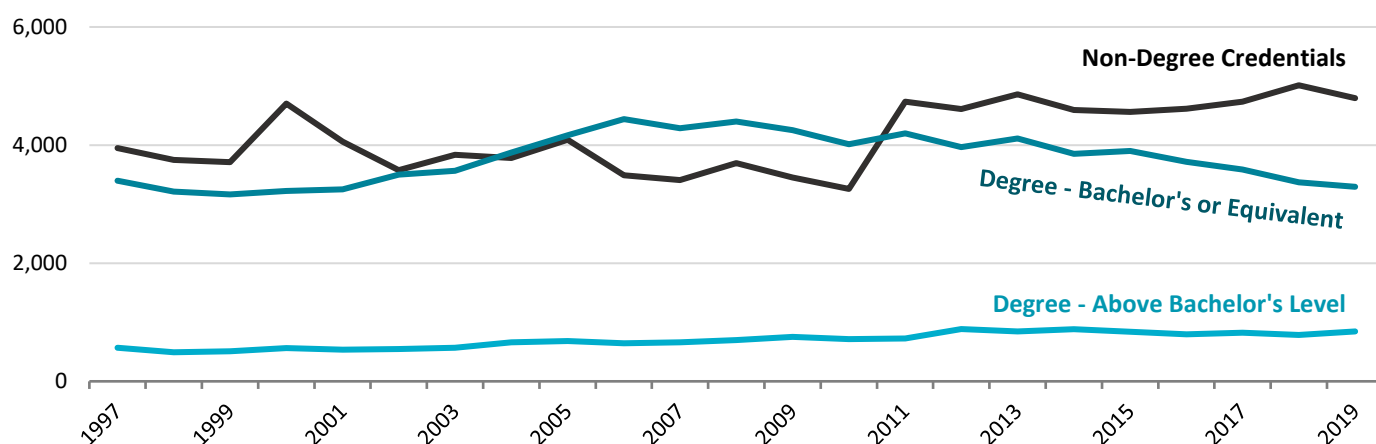


## Credentials Granted

### Post-Secondary Credentials Granted – New Brunswick – 2019

	Total
<b>Degree</b>	<b>4,140</b>
Bachelor's or equivalent	3,294
Master's or equivalent	777
Doctoral or equivalent	69
<b>Non-Degree Credentials</b>	<b>4,797</b>
Certificates granted to registered apprentices and trade qualifiers	1,017
College – certificates and diplomas	3,489
University – certificates and diplomas	291
<b>Total</b>	<b>8,937</b>

### Post-Secondary Credentials Granted – New Brunswick



### Post-Secondary Credentials Granted by Province – 2019

	Certificates granted to registered apprentices and trade qualifiers	College or university – certificates and diplomas	Degree – Bachelor's or equivalent	Degree – Above Bachelor's level
N.L.	507	2,637	2,259	1,068
P.E.I.	204	1,137	672	186
N.S.	795	5,247	7,206	2,760
N.B.	1,017	3,780	3,294	846
Que.	19,077	93,381	37,530	20,034
Ont.	13,152	138,495	90,537	33,036
Man.	1,431	5,526	5,982	1,485
Sask.	1,431	4,398	4,650	1,860
Alta.	7,665	21,579	18,492	5,889
B.C.	6,933	35,955	25,905	8,586
Territories	159	597	27	0
<b>Total - Canada</b>	<b>52,368</b>	<b>312,735</b>	<b>196,551</b>	<b>75,750</b>