

**Post-Secondary Enrolments and
Credentials Granted in N.B.
December 2022**



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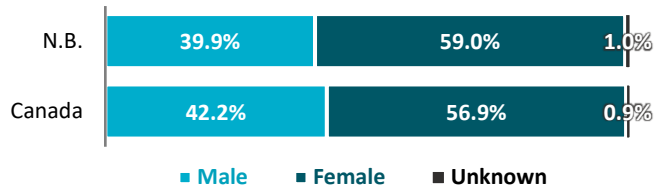
Note: Students enrolled in basic education and skills programs¹ have been excluded from all analysis in this report.

Public Universities

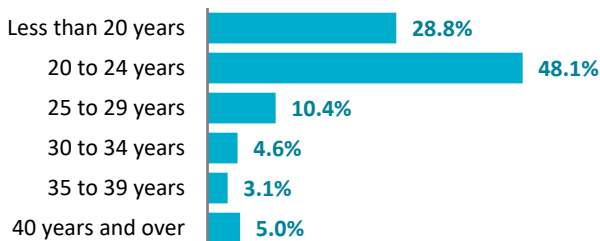
Enrolment²

As of the 2020-2021 academic year, there were 18,723 students enrolled in public universities in New Brunswick. Women accounted for 59.0% 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 – 2020-2021



Enrolment in Public Universities by Age Group – New Brunswick – 2020-2021



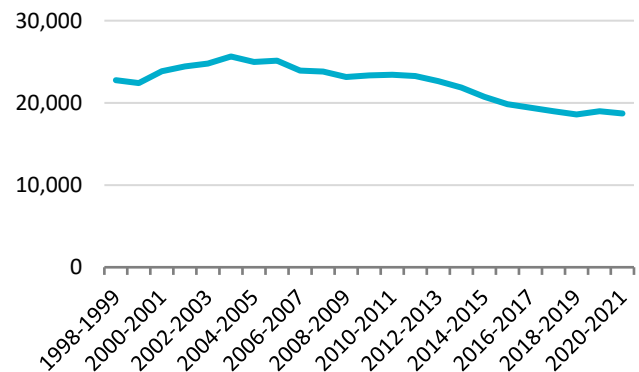
Of the 18,723 students enrolled in public universities in New Brunswick, 15,852 (84.7%) were enrolled full-time. The majority of both full-time and part-time students were studying at the undergraduate level. A breakdown of enrolment by program level can be found in the proceeding table.

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

Program Level	Total
Below bachelor level	183
Bachelor's or equivalent	15,255
Master's or equivalent	2,109
Doctoral or equivalent	498
N/A ³	681
Total	18,723

Since the early-to-mid 2000s, enrolment in publicly funded universities in New Brunswick has been declining steadily. Between 2003-2004 and 2020-2021, enrolment in New Brunswick universities fell from 25,641 to 18,723, a 27.0% decrease (an average⁴ decrease of 1.8% annually).

Enrolment in Public Universities – New Brunswick



As of 2020-2021, 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.

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

² 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.

³ Includes students enrolled in courses who have not declared a program of intent.

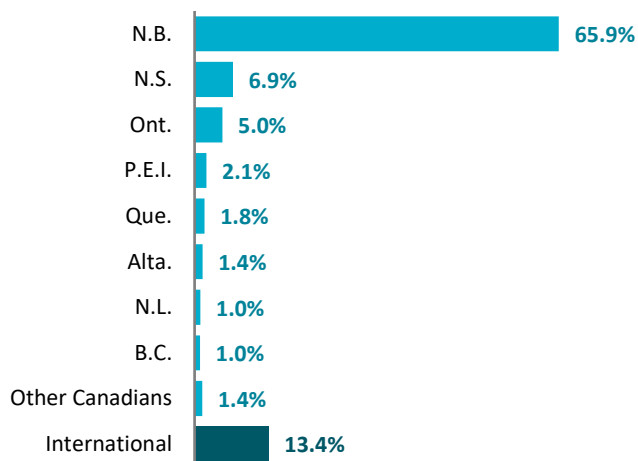
⁴ "Average" growth rates mentioned in this document represent compound annual growth rates.

Enrolment in Public Universities – 2020-2021

	Total Enrolments	Relative to 2020 Population
N.L.	18,918	3.6%
P.E.I.	4,995	3.1%
N.S.	46,737	4.8%
N.B.	18,723	2.4%
Que.	320,694	3.7%
Ont.	570,858	3.9%
Man.	48,162	3.5%
Sask.	39,249	3.3%
Alta.	143,550	3.3%
B.C.	189,849	3.7%
Territories	---	---
Total – Canada	1,402,536	3.7%

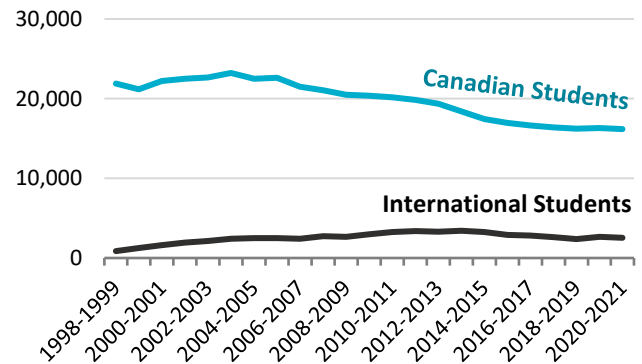
New Brunswick universities' declining enrolment numbers have been driven not only by the province's shrinking youth population, but also by a decline in the numbers of students coming to study in the province from other parts of the country.

Enrolment in New Brunswick Public Universities by Province of Residence – 2020-2021⁵



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 2020-2021 academic year, relative to population size, New Brunswick had fewer international university students than any other province.

International Student Enrolments in Public Universities – 2020-2021

	International Students Enrolments	Relative to 2020 Population
N.L.	3,513	0.7%
P.E.I.	1,395	0.9%
N.S.	11,532	1.2%
N.B.	2,541	0.3%
Que.	45,630	0.5%
Ont.	93,603	0.6%
Man.	8,373	0.6%
Sask.	5,316	0.5%
Alta.	15,726	0.4%
B.C.	43,317	0.8%
Territories	---	---
Total – Canada	231,054	0.6%

In 2020-2021, China, India, and the United States were the top sources of international students for New Brunswick universities.⁵

⁵ Source(s): Maritime Provinces Higher Education Commission.

In 2020-2021, 27.2% of university students in New Brunswick were studying in a STEM⁶ program. This was down from 27.8% in 2015-2016. Beyond students enrolled in STEM programs, 69.7% of university students in New Brunswick were enrolled in BHASE⁷ programs, and 3.1% were enrolled in unclassified fields of study.

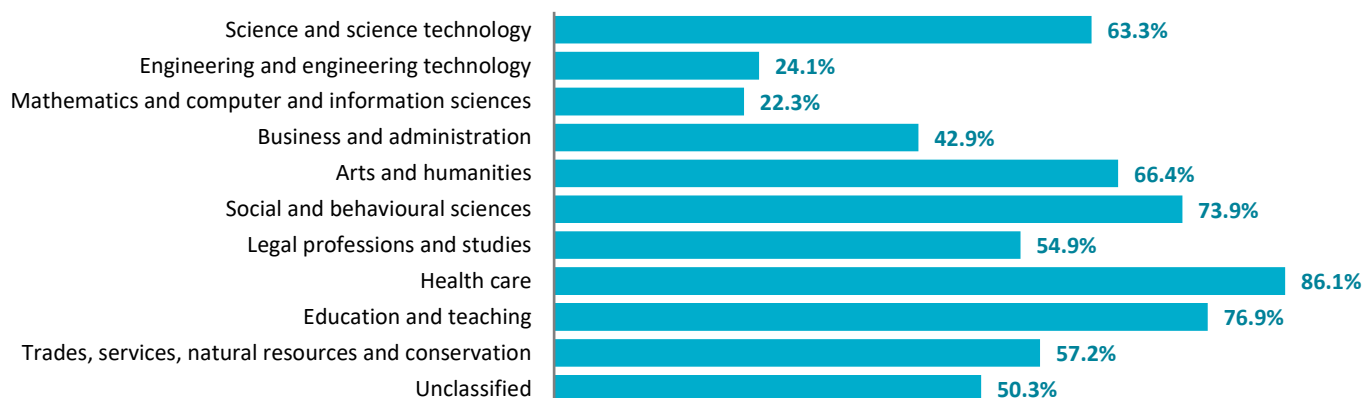
Enrolment in Public Universities by Program Type – New Brunswick and Canada – 2015-2016 and 2020-2021

	New Brunswick		Canada
	2015-2016	2020-2021	2020-2021
STEM	27.8%	27.2%	29.5%
Science and science technology	13.4%	13.3%	13.7%
Engineering and engineering technology	10.5%	9.2%	9.7%
Mathematics and computer and information sciences	3.9%	4.7%	6.2%
BHASE	69.2%	69.7%	69.4%
Business and administration	13.3%	12.9%	16.7%
Arts and humanities	18.0%	17.4%	13.8%
Social and behavioural sciences	10.2%	12.1%	15.5%
Legal professions and studies	2.0%	2.1%	1.8%
Health care	9.3%	9.4%	9.7%
Education and teaching	9.9%	7.7%	5.8%
Trades, services, natural resources and conservation	6.4%	7.9%	6.1%
Unclassified	3.0%	3.1%	1.1%

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 2020-2021, women accounted for just 22.3% of enrolments in these programs in the province (up from 18.5% in 2015-2016). At a national level this percentage was 29.2%.
- On the other hand, women outnumbered men significantly in terms of enrolment in health care related university programs. In 2020-2021, women accounted for 86.1% of enrolments in these programs in the province (down from 87.3% in 2015-2016). Nationally, this percentage was 75.3%.

Percentage of Enrolment Accounted for by Women in Public Universities by Program Type – N.B. – 2020-2021



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

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

Credentials Granted⁸

In 2020, 4,470 credentials were granted by public universities in New Brunswick.

Credentials Granted by Public Universities – New Brunswick – 2020

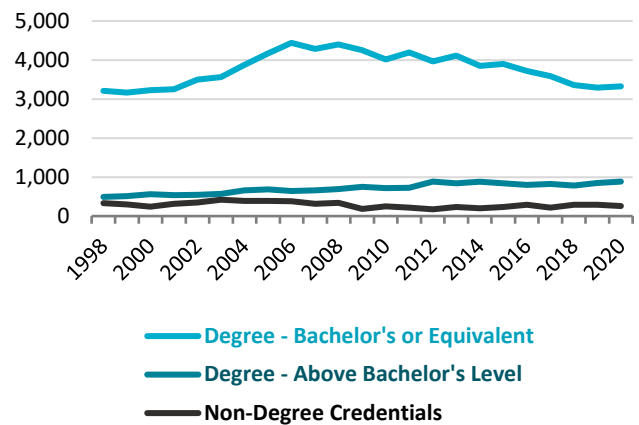
	Total
Degrees	4,209
Bachelor's or equivalent	3,324
Master's or equivalent	825
Doctoral or equivalent	60
Non-Degree Credentials	261
Total	4,470

Women account for the majority of university graduates in New Brunswick. In 2020, 61.3% 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 2020, the number of credentials granted by public universities in New Brunswick fell by 17.8% (an average decrease of 1.6% annually). This decrease was a product of a 23.7% decrease in the number of non-degree credentials granted, a 24.5% decrease in the number of bachelor's degrees granted, and a 27.2% 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 2020-2021 (both in terms of absolutes and on a relative basis).

Credentials Granted by Public Universities – New Brunswick



Public Colleges

Enrolment⁹

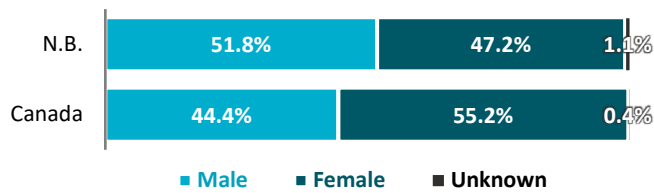
As of the 2020-2021 academic year, there were 7,737 students enrolled in public colleges in New Brunswick (excluding students enrolled in basic education and skills programs, but including 630 students enrolled in courses/activities that are not within a program and have no evaluative component). Of these students, 6,606 (85.4%) 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.

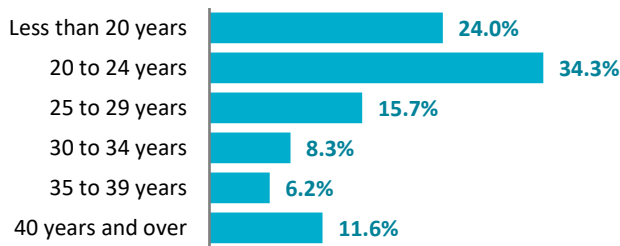
⁸ Source(s): Statistics Canada, Postsecondary Student Information System, Tables 37-10-0012 and 37-10-0070.

⁹ 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 – 2020-2021

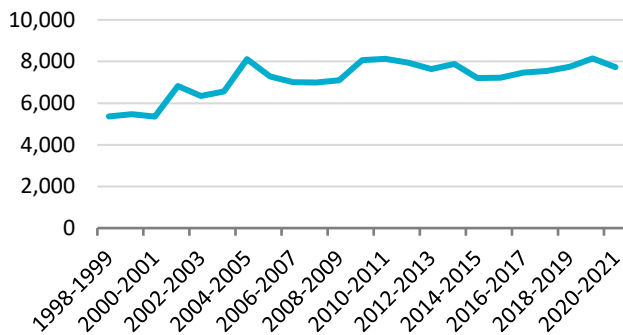


Enrolment in Public Colleges by Age Group – New Brunswick – 2020-2021



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.

Enrolment in Public Colleges – New Brunswick



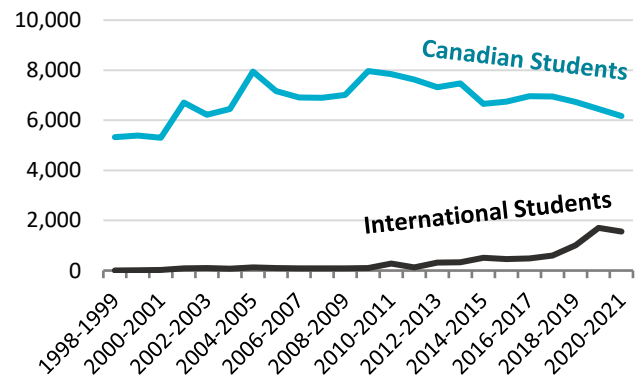
New Brunswick had the third fewest students enrolled in public colleges relative to total population among the provinces.

Enrolment in Public Colleges – 2020-2021

Province/Territory	Total Enrolments	Relative to 2019 Population
N.L.	7,266	1.4%
P.E.I.	2,811	1.7%
N.S.	8,394	0.9%
N.B.	7,737	1.0%
Que.	218,691	2.5%
Ont.	331,854	2.3%
Man.	13,557	1.0%
Sask.	13,086	1.1%
Alta.	50,445	1.1%
B.C.	91,629	1.8%
Territories	1,356	1.1%
Total – Canada	746,832	2.0%

Growth in college enrolment totals in recent years has been driven by increased enrolment totals among international students. Between 2009-2010 and 2020-2021, the percentage of enrolment accounted for by international students in New Brunswick public colleges rose from 1.3% to 20.1%.

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



In 2020-2021, 20.6% of college students in New Brunswick were studying towards a credential in a STEM program. This was up from 17.4% in 2015-2016 and was above with the percentage seen at a national level of 19.3%. 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 79.4% of college students in New Brunswick were enrolled in BHASE programs (76.1%) or unclassified programs (3.3%).

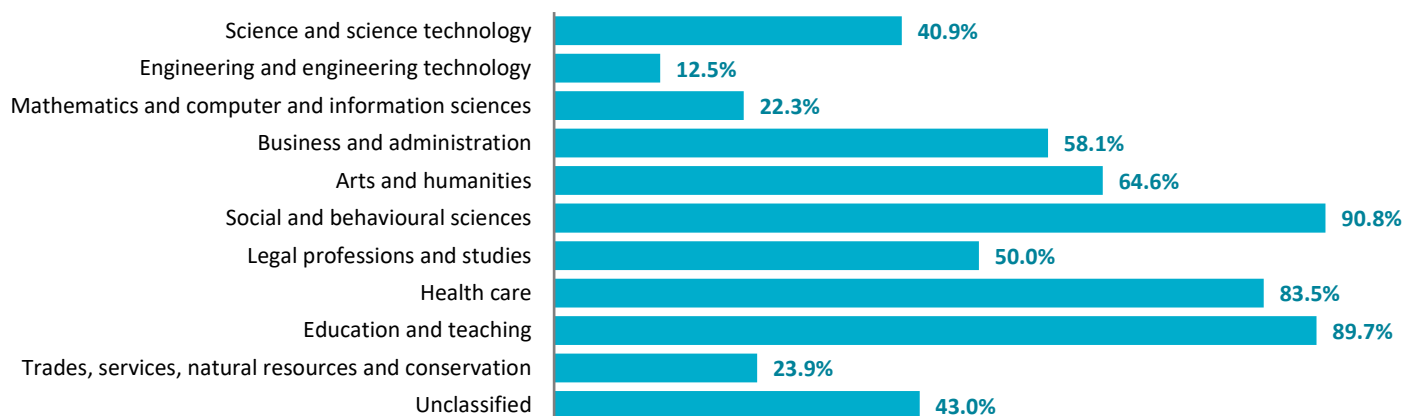
Enrolment in Public Colleges by Program Type – New Brunswick and Canada – 2015-2016 and 2020-2021

	New Brunswick		Canada
	2015-2016	2020-2021	2020-2021
STEM	17.4%	20.6%	19.3%
Science and science technology	1.2%	0.9%	5.7%
Engineering and engineering technology	9.1%	8.1%	7.1%
Mathematics and computer and information sciences	7.2%	11.6%	6.5%
BHASE	82.5%	76.1%	74.3%
Business and administration	16.2%	21.9%	19.7%
Arts and humanities	4.7%	5.6%	16.7%
Social and behavioural sciences	5.4%	6.7%	6.2%
Legal professions and studies	0.5%	0.3%	1.2%
Health care	14.0%	13.9%	11.9%
Education and teaching	1.0%	1.5%	1.9%
Trades, services, natural resources and conservation	40.9%	26.1%	16.7%
Unclassified	0.1%	3.3%	6.5%

While overall, women were slightly outnumbered by men in terms of college enrolment in 2020-2021, this varied by program:

- Women accounted for only 19.0% of enrolment in STEM programs in colleges in New Brunswick. Nationally this percentage was 31.6%.
- Women accounted for the vast majority of students enrolled in ‘health care’ (83.5%), ‘social and behavioural sciences’ (90.8%) and ‘education and teaching’ (89.7%) programs in New Brunswick public colleges. Women accounted for a combined 86.2% of students in these programs in New Brunswick public colleges, compared to 83.2% at a national level.

Percentage of Enrolment Accounted for by Women in Public Colleges by Program Type – New Brunswick – 2020-2021

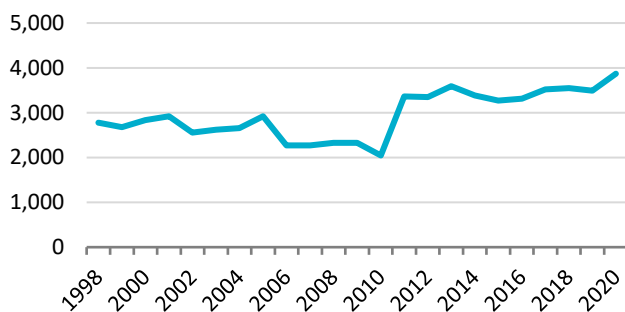


Credentials Granted¹⁰

In 2020, a total of 3,870 credentials were granted from public colleges in New Brunswick. Of the 3,870 credentials that were granted, 52.1% were granted to males, 47.5% were granted to females, and 0.5% 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



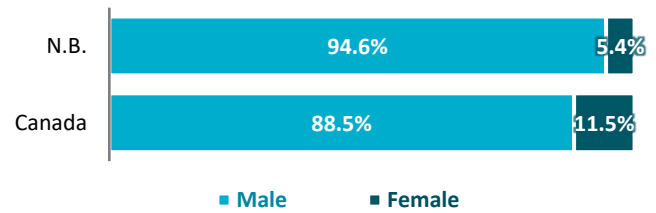
Apprenticeship

Registrations¹¹

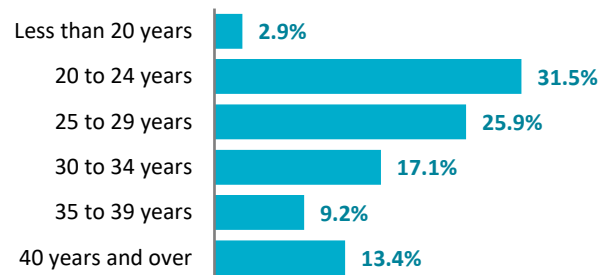
In 2021, 5,964 individuals were registered in apprenticeship programs in New Brunswick. This total included 1,212 new registrations. In contrast to universities and colleges, apprenticeship in New Brunswick (and across Canada) is heavily male-dominated. In 2021, men accounted for 94.6% of apprenticeship 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 – 2021

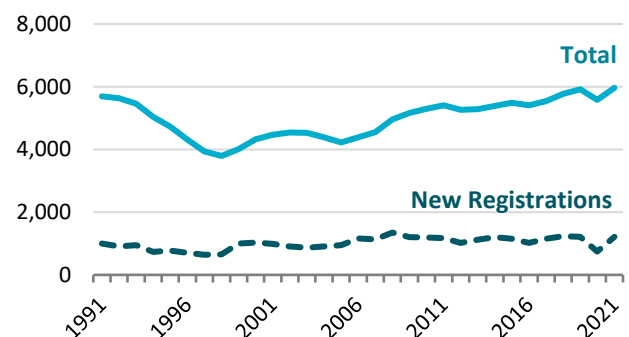


Registered Apprentices by Age Group – New Brunswick – 2021



After declining significantly throughout the 1990s, the number of registered apprentices has been increasing steadily. Between 1998 and 2021, the number of apprenticeship program registrations in New Brunswick rose from 3,792 to 5,964, a 57.3% increase (an average increase of 2.0% annually).

Registered Apprentices – New Brunswick



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

¹¹ Source(s): Statistics Canada, Registered Apprenticeship Information System, Table 37-10-0219.

Despite this upward trend, as of 2021, relative to population size, New Brunswick had the third fewest registered apprentices among the provinces.

Registered Apprentices – 2021

	Total	Relative to 2021 Population
N.L.	4,947	1.0%
P.E.I.	1,773	1.1%
N.S.	8,478	0.9%
N.B.	5,964	0.8%
Que.	156,189	1.8%
Ont.	98,184	0.7%
Man.	12,243	0.9%
Sask.	7,980	0.7%
Alta.	58,263	1.3%
B.C.	51,138	1.0%
Territories	1,041	0.8%
Total – Canada	406,203	1.1%

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 exceptions to this trend were:

- Food service (38%)
- Welders (11%)
- Carpenters (8%)

Percentage of Apprenticeship Program Registrations Accounted for by Women for Selected Major Trade Groups – New Brunswick – 2021

	N.B.	Canada
Electricians	4%	5%
Automotive service	4%	5%
Plumbers, pipefitters and steamfitters	4%	3%
Carpenters	8%	5%
Millwrights	3%	4%
Welders	11%	9%
Refrigeration and air conditioning mechanics	1%	2%
Heavy equipment and crane operators	3%	3%
Heavy duty equipment mechanics	3%	3%
Exterior finishing	2%	3%
Food service	38%	41%
Hairstylists and estheticians	---	86%
Other	6%	16%

Registered Apprentices by Major Trade Group – New Brunswick and Canada – 2016 and 2021

	New Brunswick		Canada
	2016	2021	2021
Electricians	23.0%	22.2%	17.0%
Automotive service	18.0%	18.6%	9.5%
Plumbers, pipefitters and steamfitters	10.7%	10.4%	11.2%
Carpenters	12.0%	9.2%	12.2%
Millwrights	5.8%	7.2%	3.1%
Welders	5.6%	4.9%	2.8%
Refrigeration and air conditioning mechanics	3.9%	4.5%	2.9%
Heavy equipment and crane operators	2.2%	3.7%	3.3%
Heavy duty equipment mechanics	2.2%	2.9%	3.3%
Exterior finishing	2.3%	2.3%	2.8%
Food service	2.6%	2.4%	4.8%
Hairstylists and estheticians	0.0%	0.0%	3.0%
Other	11.8%	11.8%	24.0%

Credentials Granted¹²

In 2021, a total of 930 certificates were granted to registered apprentices and trade qualifiers in New Brunswick. While the majority of these certificates were granted to apprentices (612), a significant number of certificates were also granted to trade qualifiers¹³ (318).

Certificates Granted to Registered Apprentices and Trade Qualifiers – New Brunswick – 2021

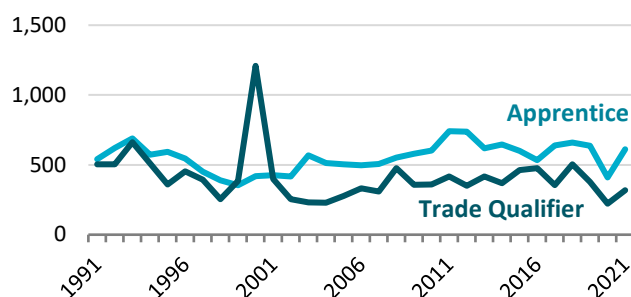
	Apprentice	Trade Qualifier	Total
In Red Seal Trades¹⁴	570	249	816
With Endorsement	570	114	684
Without Endorsement	0	132	132
In Non-Red Seal Trades	42	72	111
Total	612	318	930

Certificates Granted to Registered Apprentices and Trade Qualifiers — 2021

	Apprentice	Trade Qualifier	Total
N.L.	312	75	387
P.E.I.	111	51	162
N.S.	519	219	738
N.B.	612	318	930
Que.	12,171	7,227	19,398
Ont.	9,741	1,452	11,190
Man.	1,227	150	1,377
Sask.	885	126	1,008
Alta.	5,865	660	6,525
B.C.	4,194	1,131	5,322
Territories	72	21	90
Total – Canada	35,709	11,424	47,130

Only a very small percentage of these certificates were granted to women. In 2021, women accounted for 3.4% of the certificates granted to apprentices, and 2.8% of the certificates granted to trade qualifiers.

Certificates Granted to Registered Apprentices and Trade Qualifiers – New Brunswick



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

¹³ 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.

¹⁴ 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

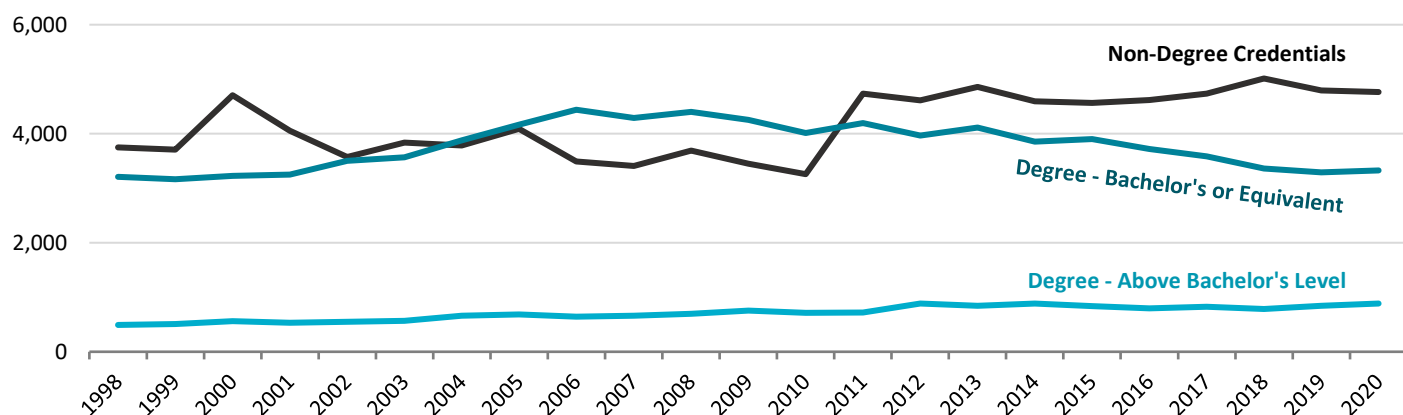
Enrolment/Registration in Public Colleges, Universities and Apprenticeship Programs

	Totals			Relative to Population Size		
	University 2020-21	College 2020-21	Apprentices 2021	University 2020-21	College 2020-21	Apprentices 2021
N.L.	18,918	7,266	4,947	0.7%	1.4%	1.0%
P.E.I.	4,995	2,811	1,773	0.9%	1.7%	1.1%
N.S.	46,737	8,394	8,478	1.2%	0.9%	0.9%
N.B.	18,723	7,737	5,964	0.3%	1.0%	0.8%
Que.	320,694	218,691	156,189	0.5%	2.5%	1.8%
Ont.	570,858	331,854	98,184	0.6%	2.3%	0.7%
Man.	48,162	13,557	12,243	0.6%	1.0%	0.9%
Sask.	39,249	13,086	7,980	0.5%	1.1%	0.7%
Alta.	143,550	50,445	58,263	0.4%	1.1%	1.3%
B.C.	189,849	91,629	51,138	0.8%	1.8%	1.0%
Territories	---	1,356	1,041	---	1.1%	0.8%
Total - Canada	1,402,536	746,832	406,203	0.6%	2.0%	1.1%

Post-Secondary Credentials Granted – New Brunswick

	Total
Degree	
Bachelor's or equivalent (2020)	3,324
Master's or equivalent (2020)	825
Doctoral or equivalent (2020)	60
Non-Degree Credentials	
Certificates granted to registered apprentices and trade qualifiers (2021)	930
College – certificates and diplomas (2020)	3,870
University – certificates and diplomas (2020)	261

Post-Secondary Credentials Granted – New Brunswick



Post-Secondary Credentials Granted by Province

	Certificates granted to registered apprentices & trade qualifiers (2021)	College or university – certificates and diplomas (2020)	Degree – Bachelor's or equivalent (2020)	Degree – Above Bachelor's level (2020)
N.L.	387	2,403	2,244	1,170
P.E.I.	162	1,173	678	258
N.S.	738	5,664	7,518	2,910
N.B.	930	4,131	3,324	885
Que.	19,398	94,884	36,561	18,546
Ont.	11,190	135,495	92,604	33,807
Man.	1,377	4,875	5,988	1,560
Sask.	1,008	4,257	4,911	1,875
Alta.	6,525	20,967	19,608	6,252
B.C.	5,322	37,227	27,273	8,862
Territories	90	663	27	0
Total - Canada	47,130	311,733	200,742	76,131