

STATISTICS REPORT 2023 - 24

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Executive Summary

The Nova Scotia Apprenticeship Agency (the Agency) Statistics Report 2023-24 is published annually and provides key system performance data for the fiscal period and a comparison to previous years.

The Agency continues to work with partners, including the government, training providers, industry partners, organizations, unions and equity-deserving groups to meet labour market demands. The number of participants in the apprenticeship system continues to rise, and includes increases in employers, youth, and equity-deserving apprentices.

The total number of active, registered apprentices is 8,960, a 15.3% increase from the previous year. In 2023-24, there were 2,524 new apprentices registered, and this is the highest number to date.

The following sectors showed an increase in the total number of apprentices from the previous year:

- Industrial Manufacturing 28.1%
- Motive Power 14.0%
- Construction 14.3%

The Service Sector had a decrease in the number of registered apprentices of -7.0%. This is largely due to the conclusion of the Hairstylist Pilot Program in Nova Scotia.

The number of women who registered as apprentices was 789, representing 8.8% of all apprentices and 23.0% of all apprentices are from equity-deserving groups.

There were 353 new employers who registered apprentices, in total 2,798 employers had apprentices in 2023-24.

In collaboration with the Department of Education and Early Childhood Development (EECD) and other youth-serving organizations 36,000 youth were engaged in the skilled trades through experiential and educational opportunities.

Apprentices

Figure 1 highlights the total number of apprentices from 2014-15 to 2023-24.

Figure 1: Total Active Apprentices in Nova Scotia – 10 Years

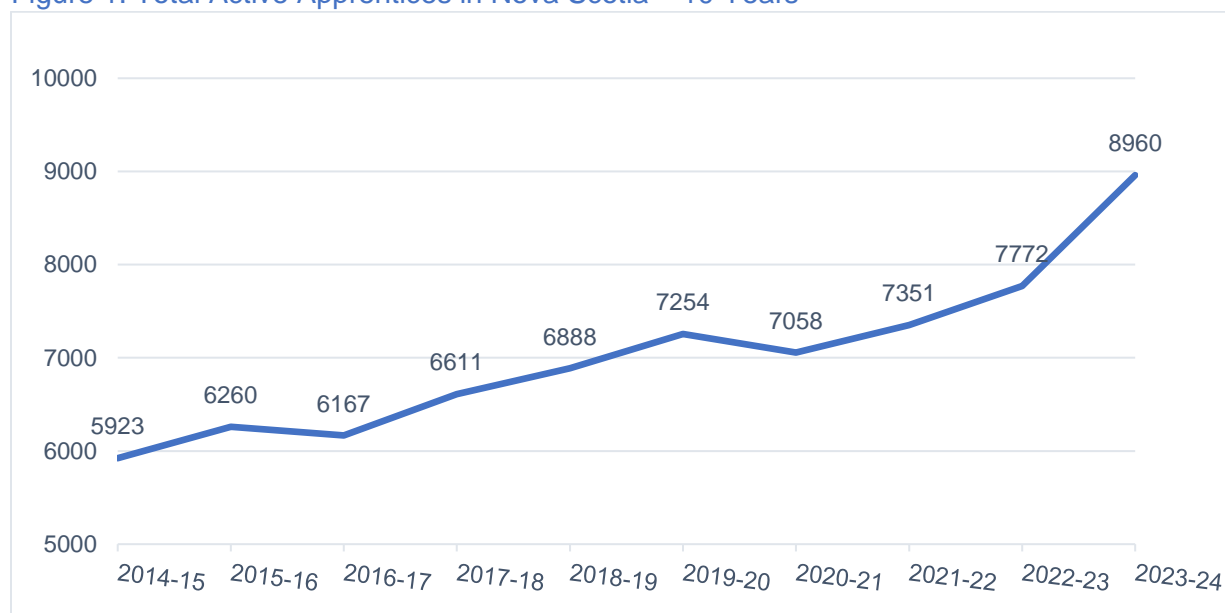


Table 1 shows the number of apprentices by trade and in each sector. The total number of apprentices increased by 15.3% over 2022-23.

Table 1: Number of Apprentices by Trade - 5 Years

Trade	2019/20	2020/21	2021/22	2022/23	2023/24	TOTAL One Year Change 2022-23 to 2023-24	Women 2023-2024	Men 2023 - 2024
Construction Sector								
Boilermaker	28	32	21	36	35	-2.78%	3	32
Bricklayer	92	84	88	95	115	21.0%	8	107
Carpenter	758	775	839	984	1112	13.0%	112	1000
Concrete Finisher					2			2
Construction Electrician	1296	1309	1408	1466	1677	14.4%	136	1541
Drywall Finisher & Plasterer					2		1	1
Elevating Devices Mechanic - Class A		2	21	24	27	12.5%		27
Elevating Devices Mechanic - Class B		1	2	3	4	33.3%		4
Floorcovering Installer					4			4
Gas Fitter*	10	8	2	1				
Gas Fitter A	23	28	31	33	37	12.1%	1	36
Gas Fitter B	118	135	147	157	167	6.4%	10	157
Glazier	2	3	7	18	30	67.0%	2	28
Insulator (Heat & Frost)	87	70	63	56	69	23.2%	7	62
Ironworker (Generalist)	1	1	0	0		0		
Ironworker (Reinforcing)	23	31	27	49	52	6.1%		52

Trade	2019/20	2020/21	2021/22	2022/23	2023/24	TOTAL One Year Change 2022-23 to 2023-24	Women 2023-2024	Men 2023 - 2024
Ironworker (Structural Ornamental)	23	25	26	32	59	84.4%	1	58
Lather					5			5
Mobile Crane Operator	150	88	61	24	31	29.2%	3	28
Oil Heat System Technician	101	91	89	92	108	17.4%	3	105
Painter and Decorator					9		4	5
Plumber	545	589	605	650	701	7.8%	38	663
Powerline Technician	86	83	75	99	100	1.0%	8	92
Refrigeration and Air Conditioning Mechanic	292	311	358	403	471	17.0%	22	449
Roofer	38	38	53	50	54	8.0%	1	53
Sheet Metal Worker	205	182	199	177	239	35.0%	16	223
Sprinkler Fitter	75	72	68	73	68	-6.8%	3	65
Steamfitter/Pipefitter	350	313	283	280	309	10.3%	16	293
Tilesetter					1			1
TOTAL	4303	4271	4473	4802	5488	14.3%	395	5093
Motive Power Sector								
Agricultural Equipment Technician	4	6	6	4	7	75.0%		7
Auto Body and Collision Technician	164	162	139	160	183	14.4%	35	148
Automotive Service Technician	822	811	822	882	1009	14.4%	71	938
Heavy Duty Equipment Technician	83	88	103	104	125	20.2%	5	120
Marine Service Technician	12	11	11	13	20	54.0%	3	17
Transport Trailer Technician					8			8
Truck and Transport Mechanic	383	395	429	474	508	7.2%	14	494
TOTAL	1468	1473	1510	1637	1860	14.0%	128	1732
Industrial/Manufacturing Sector								
Boat Builder	27	17	12	16	20	25.0%	2	18
Cabinetmaker					5			5
Communications Technician					1	0.0%		1
Farm Technician					9	0.0%	3	6
Industrial Electrician	188	188	202	190	249	31.0%	22	227

Trade	2019/20	2020/21	2021/22	2022/23	2023/24	TOTAL One Year Change 2022-23 to 2023-24	Women 2023-2024	Men 2023 - 2024
Industrial Mechanic (Millwright)	204	209	222	204	259	27.0%	22	237
Instrumentation and Control Technician	59	57	51	45	58	29.0%	5	53
Machinist	73	73	68	64	70	9.4%	4	66
Metal Fabricator (Fitter)	136	136	151	156	202	29.5%	32	170
Power Engineer	191	91	98	95	104	9.5%	9	95
Power Engineer (Plant Operator)	49	44	51	53	85	60.4%	3	82
Welder	237	231	238	236	295	25.0%	49	246
TOTAL	1164	1046	1093	1059	1357	28.1%	151	1206
Service Sector								
Baker	2	2	3	3	3	0.0%	2	1
Cook	294	246	243	247	237	-4.0%	105	132
Hairstylist	8	10	18	18	7	-61.1%	5	2
Landscape Horticulturalist	15	10	11	6	8	33.3%	3	5
TOTAL	319	268	275	274	255	-7.0%	115	140

Women represent 8.8%, or 789 of all active apprentices in the system compared to 681 women in 2022-23, this is an increase of 108 women in 2023-24 (Table 2).

Table 2: The Number of Apprentices by Sector and Gender

Sector	2019-20	2020-21	2021-22	2022-23	2023-24	One Year Change 2023-24	Women 2023-24	Men 2023-24
Construction Sector	4303	4271	4473	4802	5488	14.3%	395	5093
Motive Power Sector	1468	1473	1510	1637	1860	14.0%	128	1732
Industrial Manufacturing Sector	1164	1046	1093	1059	1357	28.1%	151	1206
Service Sector	319	268	275	274	255	-7.0%	115	140
Total	7254	7058	7351	7772	8960	15.3%	789	8171

Figure 2 represents the top five trades based on the number of registered apprentices. The top five trades have remained consistent since 2019-20.

Figure 2: Five Trades with the Most Apprentices - 5 Years

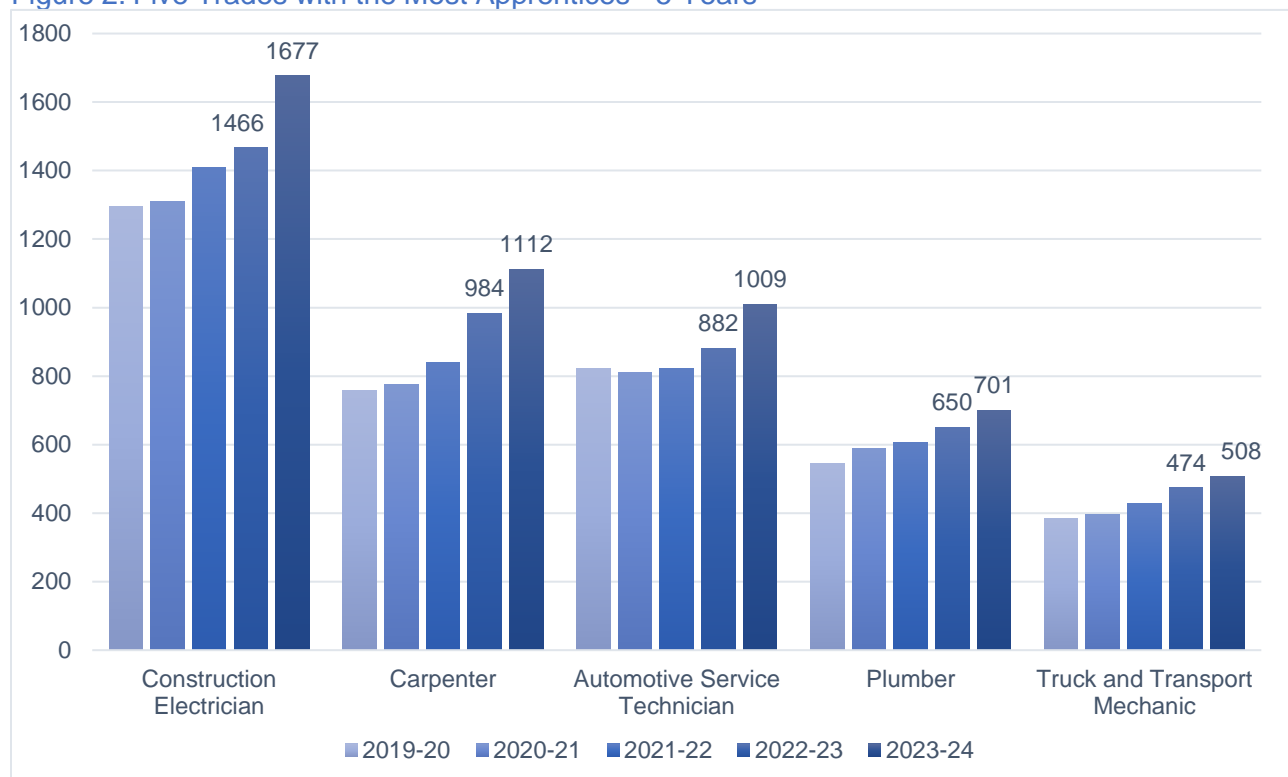


Table 3 shows an increase of 33.0% in the number of newly registered apprentices from 2022-23 to 2023-24.

Table 3: Newly Registered Apprentices in Nova Scotia - 5 Years

Year	Total New Apprentices	Total Active Apprentices (at end of period)	Percentage of New Apprentices of Total Apprentices
2019-20	1480	7254	20.4%
2020-21	1023	7058	14.5%
2021-22	1354	7351	18.4%
2022-23	1898	7772	24.4%
2023-24	2524	8960	28.2%

Youth Engagement

In 2023-24, the Agency invested almost \$1.5 million to fund experiential learning opportunities for youth interested in the skilled trades.

Table 4 shows the number of youth (316) who registered as apprentices in 2023-24. This is an increase of 80.6% from the previous year and the highest number of youth apprentices registered to date, exceeding pre-Covid levels. Of the 316-youth engaged, 7.0% identified as women. Additionally, more youth that are graduating from high school are going on to complete NSCC programs before they are 19 years of age.

Table 4: Registered Youth Apprentices by Region – 5 Years

Regional Registration	2019-20		2020-21		2021-22		2022-23		2023-24	
	W*	M	W	M	W	M	W	M	W	M
Cape Breton	4	27	2	15	1	10	2	28	3	43
Central	6	51	0	38	1	18	2	74	12	147
Northeastern	0	4	1	0	0	4	0	7	0	10
Northern	2	17	0	8	1	4	0	17	2	26
Southwestern	4	33	0	34	0	23	5	40	4	69
Sub Total	16	132	3	95	3	59	9	166	21	295
Total	148		98		62		175		316	

*"W" represents the number of women under the age of 20 and "M" represents the number of men under the age of 20 registered as youth apprentices.

Over 36,000 youth were reached through the Youth Engagements Programs held across Nova Scotia in 2023-24. (Table 5). This is a 24.4% increase from the previous year in reaching youth about apprenticeship opportunities in Nova Scotia.

Table 5: Participants in Youth Engagement Programs

Program	2019-20	2020-21*	2021-22	2022-23	2023-24
Trades Exhibition Hall	7005	-	624	1906	1881
Mobile Construction Experience	730	-	190	996	2320
Skills Canada Nova Scotia	9008	-	3158	25,176	31,577
Techsploration	1550	-	900	850	239

*2020-21 COVID pandemic.

Participation in the Summer Youth Programs has continued to increase showing a 20.1% increase in 2023-24 (Table 6).

Table 6: Participants in Summer Youth Apprenticeship Programs

Program	2019-20	2020-21*	2021-22	2022-23	2023-24
Building Futures for Youth	93	-	76	94	120
TestDrive	-	-	29	34	39
ServeltUp!	16	-	16	21	42

*2020-21 COVID pandemic.

School Visits and Presentations

Table 7 represents the number of school visits and presentations delivered by the Youth Outreach Coordinator from the Skills and Learning Branch of the Labour, Skills and Immigration Department. In cooperation with their Education Partners, the NSAA reaches out to youth across Nova Scotia.

The Agency's Youth Industry Partners also deliver presentations to youth in schools and communities. There was an increase of 1,178 youth who received a presentation on the skilled trades outside of the school system.

Table 7: In School Visits and Presentations

School Visits and Presentations	2019-20	2020-21*	2021-22	2022-23	2023-24
In the Schools					
Number of Presentations	6	-	44	26	28
Number of Schools	5	-	33	26	18
Number of students	187	-	920	489	1257
Outside the Schools					
Youth and Young Adults attending presentations	-	-	317	1013	1178

*No information available due to COVID pandemic.

Joint Registration Agreements

Table 8 shows the current Joint Registration Agreements (JRA) with unions and industry organizations, the trades that are represented under these agreements, and the number of apprentices represented under each JRA.

JRAs with First Nations and organizations supporting equity-deserving individuals are shown in Table 9.

Table 8: Number of Apprentices in Joint Registration Agreements

JRA Holder	Trade	2019-20	2020-21	2021-22	2022-23	2023-24
International Association of Heat and Frost Insulators and Asbestos Workers, Local 116	Insulator (Heat & Frost)	88	71	59	53	69
International Brotherhood of Boilermakers, Local 73	Boilermaker	29	33	30	37	36
International Brotherhood of Electrical Workers, Local Union 625	Construction Electrician	177	168	180	189	229
International Brotherhood of Electrical Workers, Local Union 1852	Construction Electrician, Industrial Electrician, Instrumentation and Control Technician	117	108	107	113	113
International Brotherhood of Electrical Workers, Local Union 1928	Industrial Electrician, Industrial Mechanic (Millwright)	13	11	8	5	3
International Union of Bricklayers and Allied Crafts Workers	Bricklayer	15	11	11	3	17
International Union of Elevator Constructors, Local 125	Elevating Device Mechanic	-	6	9	12	14
International Union of Operating Engineers, Local 721 and Construction Management Bureau Limited	Mobile Crane Operators	138	81	55	20	26
Joint Apprenticeship Training Committee of Ironworkers, Local 752	Ironworker (Generalist, Reinforcing, Structural/Ornamental)	45	51	49	69	104
Mainland Nova Scotia J.T.C., Local 83	Carpenter	77	69	68	125	123
Millwright and Machine Erectors, Local Union 1178	Millwright	25	26	25	22	21
Nova Scotia Boatbuilders Association	Boat Builder, Marine Service Technician	27	17	12	15	40
Recreation Facility Association of Nova Scotia	Refrigeration Plant	36	30	35	32	58
Sheet Metal Workers' International Association Joint Apprenticeship Training Committee, Local 56 and Construction Management Bureau Ltd. Of Nova Scotia	Sheet Metal Worker, Roofer	23	25	38	46	59

JRA Holder	Trade	2019-20	2020-21	2021-22	2022-23	2023-24
United Association of Journeymen and Apprentices of the Plumbing and Pipefitting Industry of the United States and Canada, Locals 244, 682, 56	Gasfitter, Instrumentation Control Technician, Metal Fabricators, Oil Heat System Technicians, Plumber, Refrigeration and A/C Mechanic, Sprinkler System Installer, Steamfitter/Pipefitter, Welder	425	409	422	414	418
United Brotherhood of Carpenters and Joiners of America Joint Apprenticeship Training Committee, Local Union 1588	Carpenter	58	82	109	134	171
Total		1293	1198	1217	1289	1501

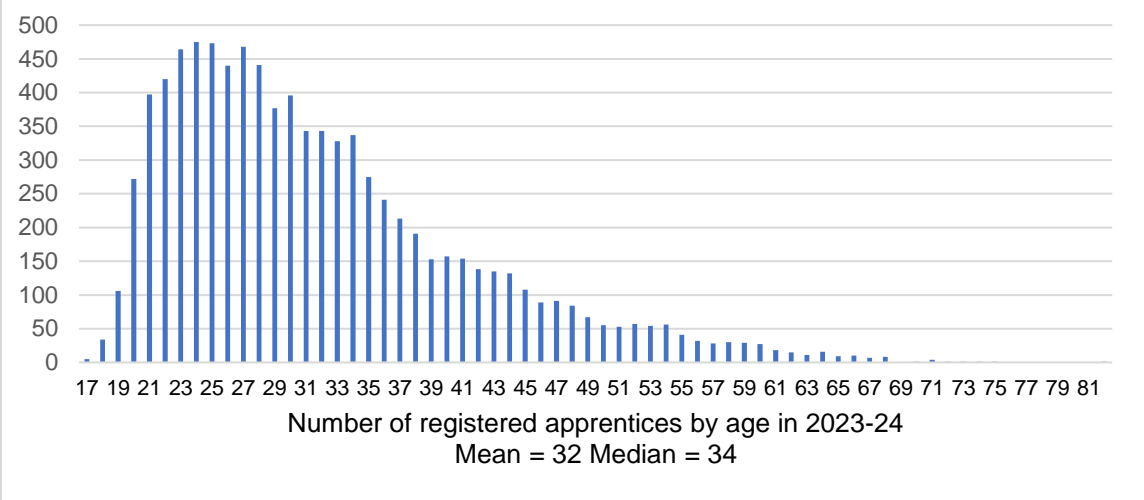
Table 9: Apprentices in Joint Registration Agreements with First Nations and Equity Organizations

Registered apprentices	2019-20	2020-21	2021-22	2022-23	2023-24
Aboriginal Peoples Training & Employment Commission (APTEC), 2016	19	24	25	25	18
Africadian Empowerment Academy (AEA), 2018*	3	12	13	11	19
Eskasoni First Nation, 2017	40	33	33	35	34
Immigrant Services Association of Nova Scotia (ISANS), 2020				1	1
Membertou First Nation, 2002	27	16	16	16	21
Millbrook First Nation, 2018		3	2	3	4
Paqtnkek Mi'kmaw Nation, 2014			2	2	1
Pictou Landing First Nation, 2011	9	9	9	6	5
Potlotek First Nation, 2013	30	24	24	23	22
Wagmatcook First Nation, 2013	11	7	7	7	7
Waycobah First Nation, 2013	19	11	15	15	15
Total	158	139	146	144	147

Demographics

Figure 4 shows the age distribution of registered apprentices in Nova Scotia in 2023-24. Apprentices aged 24 are the single largest group at 475, and the median age is 34. In the previous year 2022-23, the median age was 30.

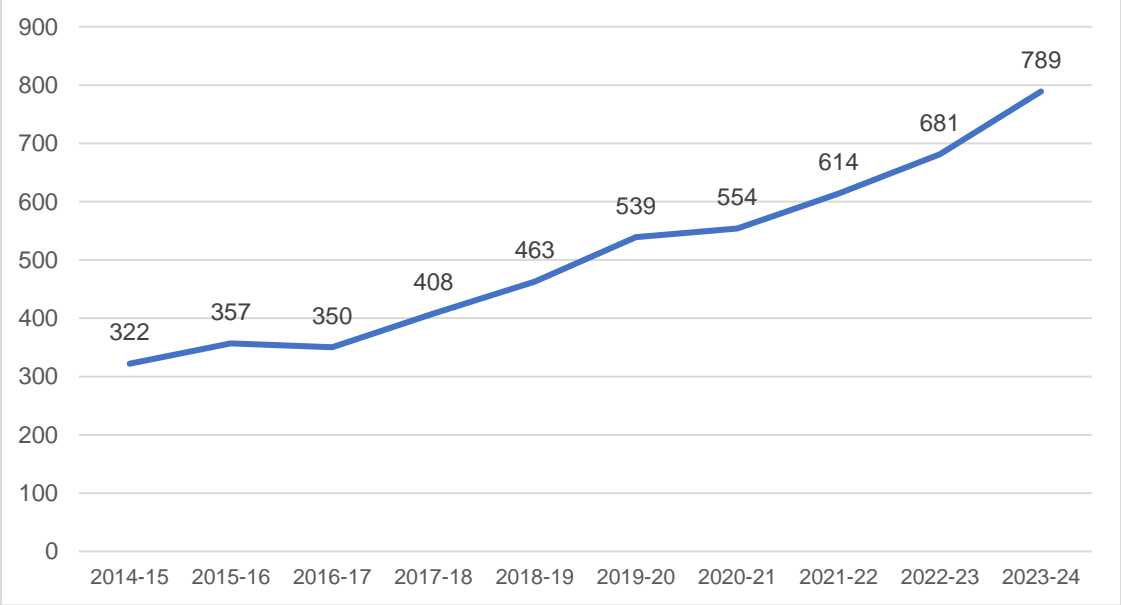
Figure 4: Age Distribution of Active Apprentices 2023-24



Women in Apprenticeship

Each year more women are registering as apprentices at the same rate as overall registration of apprentices is increasing. Meaning, the percentage of registered apprentices identifying as women has remained the same since 2022-23 at 8.8%.

Figure 5: Women Apprentices in Nova Scotia – 10 years



Equity-Deserving Groups

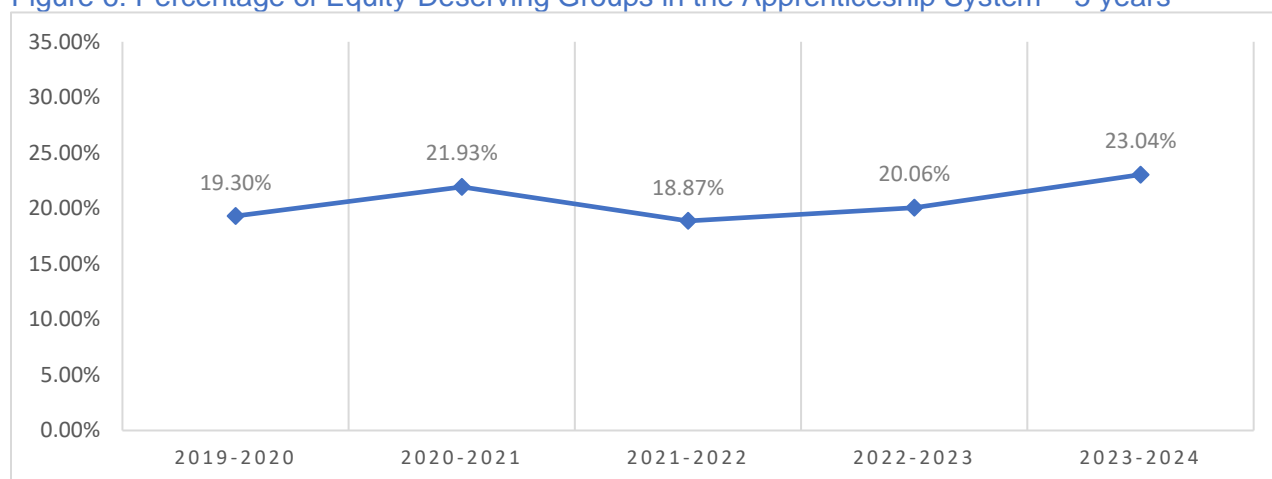
Table 10 and Figure 6 reflect representation of equity-deserving groups in the Nova Scotia apprenticeship system. In 2023-24, 23.0% of apprentices identified as belonging to an equity-deserving group.

Table 10: The Number of Registered Apprentices in Equity-Deserving Groups

Equity Group	2019-20	% of Total	2020-21	% of Total	2021-22	% of Total	2022-23	% of Total	2023-24	% of Total
Indigenous	404	5.5%	416	5.9%	408	5.5%	438	5.6%	458	5.1%
People of African Descent	138	1.9%	174	2.5%	186	2.5%	188	2.4%	209	2.3%
Newcomers	138	1.9%	178	2.5%	202	2.7%	215	2.8%	341	4.0%
Persons with disabilities	369	5.0%	416	5.9%	481	6.5%	534	6.9%	622	7.0%
Other Diverse Persons	351	4.8%	376	5.3%	389	5.3%	184	2.4%	193	2.1%

Equity statistics are generated through self-identification and some individuals select more than one equity group.

Figure 6: Percentage of Equity-Deserving Groups in the Apprenticeship System – 5 years



Employers

The number of new employers in the Nova Scotia apprenticeship system continues to grow with 353 new employers in 2023-24.

Figure 7: New Employers in the Apprenticeship System – 5 Years

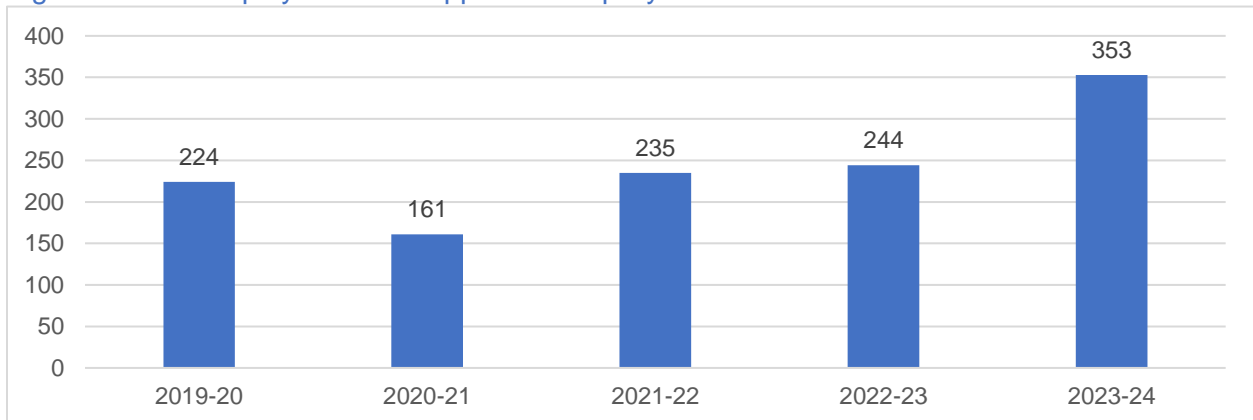
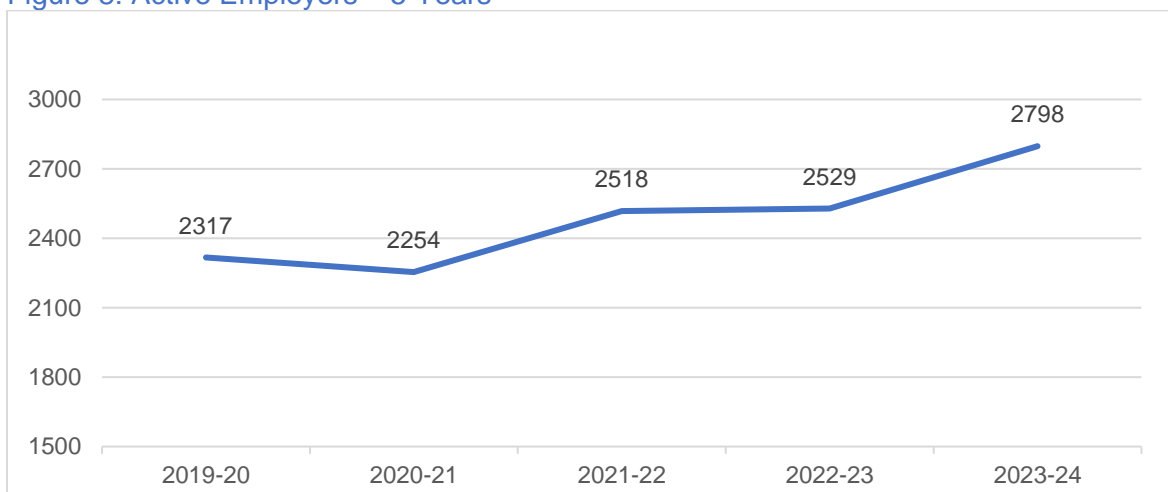


Figure 8 shows that the number of employers active in the apprenticeship system is increasing.

Figure 8: Active Employers – 5 Years



Technical Training

The number of apprentices enrolled in apprenticeship technical training continues to rise and Figure 9 shows a 36.0% increase from the previous year.

Figure 9: Technical Training – 5 Years

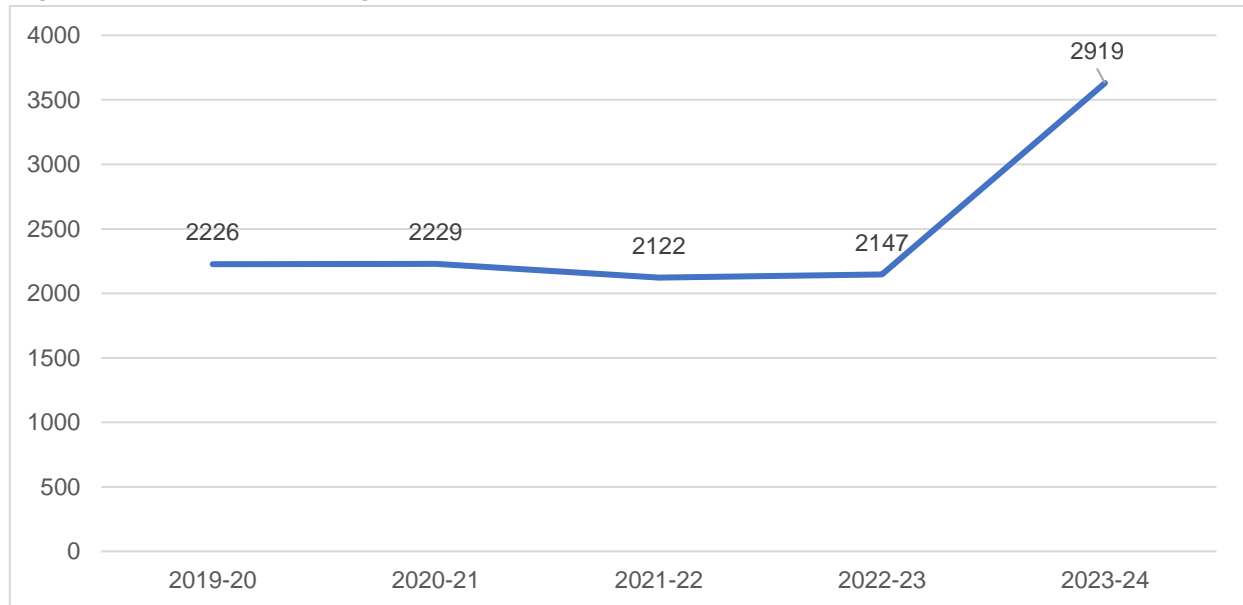


Table 11 shows apprentices in technical training during the academic year (September 2023 – August 2024).

Table 11: Technical Training by Trade (Academic year September 2023 – August 2024)

Trade Name / Training	Number Clients Scheduled	Number of Clients Attended	Classroom training weeks	Refresher Training Total Weeks
Auto Body and Collision Technician	51	51	23	
Automotive Service Technician (includes ASEP)*	259	248	179	
Black Beauty Culture Hair Innovator Refresher	23	20		45
Boilermaker	24	24	24	
Bricklayer	21	19	22	
Carpenter	229	215	151	
Construction/ Industrial Electrician Level 1, 2, &3	553	535	325	
Construction Electrician Level 4	112	105	63	
Cook	36	32	20	
Industrial Electrician Level 4	23	22	30	
Gasfitter A/B	55	45	26	
Glazier	15	11	12	
Hairstylist	0	0	0	
HDT/TTM/AET* Levels, 1&2	139	132	70	
HDT/TTM/AET* Levels, 3 & 4	88	81	45	
Industrial Mechanic Millwright	126	117	85	
Instrumentation and Control Technician	8	8	15	
Insulator (Heat & Frost) **	40	38	30	
Ironworker Reinforcing	28	28	22	

Trade Name / Training	Number Clients Scheduled	Number of Clients Attended	Classroom training weeks	Refresher Training Total Weeks
Ironworker Structural/Ornamental	29	24	16	
Landscape Horticulturalist				7
Machinist	16	16	25	
Metal Fabricator (Fitter)	105	101	61	
Oil Heat System Technician	20	18	17	
Plumber	329	326	181	
Power Engineer	63	61	19	
Powerline Technician	63	63	24	
Refrigeration and Air Conditioning Mechanic	206	194	79	
Refrigeration Plant Operator Review	13	12	1	
Roofer	16	15	25	
Sheet Metal Worker	68	65	44	
Sprinkler Fitter	30	29	24	
Steamfitter/Pipefitter	87	85	60	
Welder	53	51	28	
TOTAL	2928	2791	1746	52

*ASEP definition, see Glossary

Some trades in Table 11 have mandatory level exams but are not harmonized. Please refer to Phase 1, 2 and 3 harmonized trades on the **NSAA Fact Sheet**: <https://www.nsapprenticeship.ca/sites/default/files/files/NSAA-FactSheet-AAHP.pdf> .

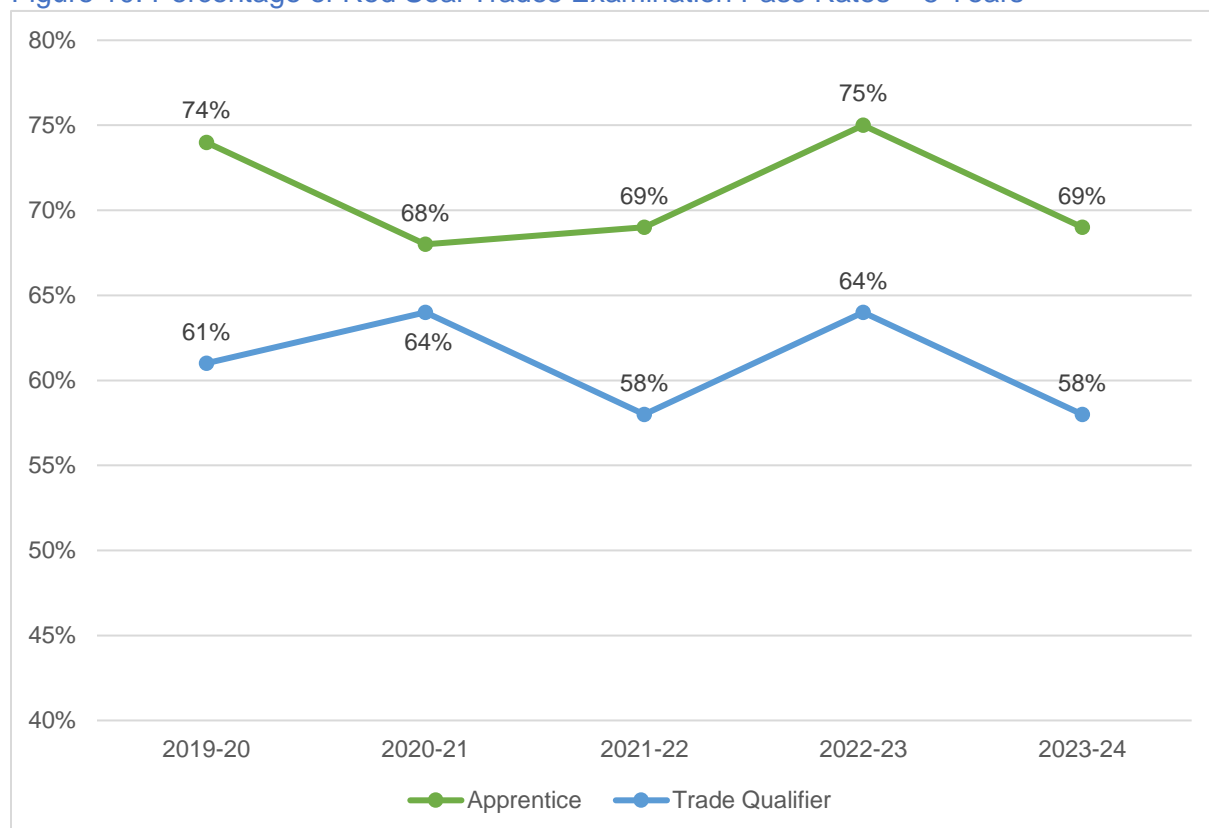
Table 12 shows both online and remote apprenticeship training options. Online training is self-paced and remote training is instructor lead.

Table 12: Online and Remote Training 2023-24

Course	Online Participants	Remote Participants	Remote Training (Total Weeks)	Participants Scheduled
Automotive Service Technician	36	3	7	39
Carpenter	54	14	16	68
Construction/Industrial Electrician	95	88	37	183
Cook	0	0	3	0
Gasfitter B	22	13	6	35
Machinist	2	5	16	7
Plumber	39	0	0	39
Total	248	123	85	371

Red Seal examination pass rates are shown in Figure 10.

Figure 10: Percentage of Red Seal Trades Examination Pass Rates – 5 Years



Apprenticeship START Program

Through the apprenticeship START program employers hire, progress and help their apprentices complete their apprenticeship program.

Table 13: Employers using the START Program

Employers Using the START Program 2023-24	Number of Employers
Active Employers	2080
Active Employers Hiring Equity-deserving Apprentices	555

Table 14: Apprentices in the START Program

Apprentices in the START Program 2023-24	Number of Apprentices
Active Apprentices	3147
*Active Equity-deserving Apprentices	849

*This also includes women.

Table 15: Training Levels of Apprentices Supported by Employers in the START Program

Level of Apprenticeship	Number of Apprentices	Percentage of Equity Apprentices
Level 1	118	29%
Level 2	141	29%
Level 3	87	17%
Level 4/IP Exam*	56	21%
Completions	116	23%

* Interprovincial Red Seal endorsement.

Apprentice Progression and Completion Awards

Provincial Apprentice Progression and Completion Awards are distributed upon the successful completion of an eligible level of apprenticeship or of all apprenticeship requirements and help cover the costs of participating in apprenticeship training.

In 2023-24, the total combined amount issued to apprentices was \$288,000. Of these, 360 were Progression Awards and 9 were Completion Awards.

Table 16: Apprentice Progression Awards by Trade

For confidentiality reasons, results of less than 5 have been suppressed and are represented by a dash (“-”).

Trade	2019-20	2020-21	2021-22	2022-23	2023-24
Auto Body and Collision Technician ⁽¹⁾	-	9	8	13	-
Automotive Service Technician	61	68	29	42	45
Automotive Service Technician (SSM)	-	-	-	-	7
Boat Builder	-	-	-	9	-
Bricklayer	-	-	-	-	0
Boilermaker	-	-	-	31	0
Carpenter	33	23	23	65	37
Construction Electrician	94	69	53	-	66
Cook	-	-	-	16	0
Elevating Device Mechanic	--	-	12	-	8
Gasfitter	-	-	-	-	0
Glazier	-	-	-	6	0
Heavy Duty Equipment Technician	8	-	10	-	6
Industrial Electrician	12	13	-	13	5
Industrial Mechanic (Millwright)	11	8	6	-	18
Instrumentation and Control Technician	-	13	-	-	-
Machinist	-	-	-	5	-
Marine Service Technician	-	-	-	-	-
Metal Fabricator (Fitter)	-	-	-	-	-
Oil Heat Systems Technician	-	-	-	-	-
Plumber	42	23	34	-	67
Power Engineer	10	8	-	64	-
Powerline Technician	15	11	8	-	4
Refrigeration and Air Conditioning Mechanic	17	14	33	5	41
Sheet Metal Worker	7	6	-	36	-
Sprinkler Fitter	-	-	6	6	0
Steamfitter/Pipefitter	18	11	-	9	6
Truck and Transport Mechanic	45	43	25	22	27
Welder	-	-	-	-	0
Total	384	325	264	351	360

Tables 17 and 18 list the number of apprentices and trade qualifiers who have attained Certificates of Qualification over the past 5 years.

Table 17: Certificates of Qualification Issued to both Apprentices and Trade Qualifiers

For confidentiality reasons, results of less than 5 have been suppressed and are represented by a dash (“-”).

Construction Sector	2019-20	2020-21	2021-22	2022-23	2023-24
Blaster	6	16	8	9	16
Boilermaker	7	5	11	-	5
Bricklayer	5	-	7	10	-
Carpenter	52	39	43	41	58
Concrete Finisher	-	-	-	-	-
Construction Craft Worker	-	-	-	-	-
Construction Electrician	165	98	150	143	109
Drywall Finisher & Plasterer	-	-	-	-	-
Elevating Device Mechanic	-	-	-	-	-
Elevating Device Mechanic A ⁽¹⁾	-	-	-	-	-
Elevating Device Mechanic B ⁽¹⁾	-	-	-	-	-
Floorcovering Installer	-	-	-	-	-
Gasfitter A ⁽²⁾	-	-	-	-	-
Gasfitter B ⁽²⁾	15	10	20	14	23
Glazier	13	-	-	-	-
Heavy Equipment Operator (Dozer)	-	-	-	-	-
Heavy Equipment Operator (Excavator)	-	-	-	-	-
Heavy Equipment Operator (Tractor/Loader/Backhoe)	-	-	-	-	-
Insulator (Heat and Frost)	-	20	20	15	12
Ironworker (Generalist)	-	-	-	-	-
Ironworker (Reinforcing)	-	-	26	10	8
Ironworker (Structural/Ornamental)	7	5	13	5	-
Lather (Interior Systems Mechanic)	-	-	-	-	-
Mobile Crane Operator	-	-	-	-	-
Oil Heat System Technician	6	7	12	12	-
Painter and Decorator	-	-	-	5	-
Plumber	37	38	43	57	69
Powerline Technician	31	22	17	-	24
Refrigeration and A/C Mechanic	34	14	17	41	45
Restoration Stone Mason	-	-	-	-	-
Roofer	5	-	-	-	-
Sheet Metal Worker	19	7	8	21	10
Sprinkler Fitter ⁽³⁾	5	6	9	6	12
Steamfitter/Pipefitter	40	13	30	15	17
Tilesetter	-	-	-	-	-
Tower Crane Operator	-	-	-	-	-
Welder*	28	17	28	44	43
Total	492	326	472	472	474
Industrial/Manufacturing Sector	2019-20	2020-21	2021-22	2022-23	2023-24
Boat Builder	-	-	7	-	-
Cabinetmaker	-	-	-	-	-
Communications Technician	-	-	-	-	-
Electric Motor Systems Technician	-	-	-	-	-
Farm Technician	-	-	-	7	-
Industrial Electrician	13	16	18	45	25
Industrial Mechanic (Millwright)	29	21	6	52	30
Instrumentation and Control Technician	7	-	7	-	-
Machinist	7	-	9	-	7
Marine (Fitter) – (inactive)	-	-	-	-	-
Metal Fabricator (Fitter)	19	6	28	31	15
Mine Electrician	-	-	-	-	-
Mine Mechanic – (inactive)	-	-	-	-	-
Power Engineer	-	-	-	-	-
Tool and Die Maker	-	-	-	-	-
Welder*	28	17	28	44	43
Total	104	68	104	186	135

Motive Power Sector	2019-20	2020-21	2021-22	2022-23	2023-24
Agricultural Equipment Technician	-	-	-	-	-
AST – Service Centre Technician	-	-	-	-	34
Auto Body and Collision Technician ⁽⁴⁾	10	5	17	-	7
Automotive Glass Technician	-	-	-	-	-
Automotive Refinishing Technician	-	-	-	-	-
Automotive Service Technician	128	92	63	87	53
Heavy Duty Equipment Technician	10	10	5	25	13
Marine Service Technician	-	-	-	-	-
Motorcycle Technician	6	-	5	-	5
Parts Technician ⁽⁵⁾ *	-	-	-	-	-
Recreation Vehicle Service Technician	-	-	-	-	-
Transport Trailer Technician	-	-	-	9	-
Truck and Transport Mechanic	60	33	40	30	58
Total	222	145	132	158	174
Service Sector	2019-20	2020-21	2021-22	2022-23	2023-24
Alarm and Security Technician	-	-	-	-	-
Appliance Service Technician	-	-	-	-	-
Baker	-	-	-	-	-
Black Beauty Culture Hair Innovator	-	-	-	-	-
Cook	23	12	16	13	18
Hairstylist	-	8	-	-	13
Landscape Horticulturalist	-	-	9	7	-
Locksmith (inactive)	-	-	-	-	-
Parts Technician *	-	-	-	-	-
Total	32	21	27	26	41

*Welder is included in both the Construction and Industrial Manufacturing Sectors.

Table 18: Total Certifications by Sector

Total Certifications by Sector	2021-22	2022-23	2023-24
Construction Sector	444	444	473
Industrial Manufacturing Sector	104	186	133
Motive Power Sector	132	158	174
Service Sector	27	26	41
Total	707	814	821

*Welder is counted only once in this table even though it appears twice in table 17.

Glossary

Apprenticeship and Trades Qualifications Act (ATQA) is a Statute of Nova Scotia (2003).

Automotive Service Educational Program (ASEP) is a fully accredited apprenticeship program targeted at training General Motors (GM) automotive service technicians.

Atlantic Trades Business Seal (ATBS) is a continuing education program for Atlantic journeypersons to advance business and leadership skills and to gain regional career mobility.

Building Futures for Youth (BFY) is a youth program delivered by the [Construction Association of Nova Scotia](#), in coordination with employers in the construction industry to provide paid work placements for youth.

Certificate of Qualification (CQ) is a provincial, post-secondary credential issued by the [Nova Scotia Apprenticeship Agency](#). A CQ certifies that an individual has met the high industry-set standards for the trade according to the *Apprenticeship and Trades Qualifications Act* and General Regulations. To obtain a CQ, an individual must successfully complete a formal assessment process, which is usually the certification exam for their designated trade. A CQ will bear the Red Seal if it is issued in a Red Seal trade.

Designated trade refers to a trade that is regulated by the province under formal legislation. Designated trades are regulated by the Nova Scotia *Apprenticeship and Trades Qualifications Act* and General Regulations. This Act provides for formal training and the issuance of Certificates of Qualification for trades that have been designated. Certification in a designated trade demonstrates proof of a person's qualifications to work in a specific trade to a provincial or a national standard.

Education Partners refers to the [Black Educators Association of Nova Scotia](#), [Conseil Scolaire Acadien Provincial](#), [Education and Early Childhood Development](#), [Mi'kma Kina'matnewey](#), and [Regional Centres for Education](#). These partners work with Nova Scotia Apprenticeship Agency and Skills and Learning Branch.

Equity-deserving is the term used by the Nova Scotia Apprenticeship Agency to describe communities or groups that experience barriers in participating in society.

HDT / TTM / AET refers to the trades Heavy Duty Equipment Technician, Truck and Transport Mechanic and Agricultural Equipment Technician

Industry Youth Partners refers to the [Automotive Sector Council](#), [Construction Association of Nova Scotia](#), [Nova Scotia Construction Sector Council](#), and [Nova Scotia Tourism Human Resource Council](#). These partners work with Nova Scotia Apprenticeship Agency and the Skills and Learning Branch.

Provincial Partners refers to [Skills Canada Nova Scotia](#) and [Techsploration](#). These partners work with Nova Scotia Apprenticeship Agency and Skills and Learning Branch.

Interprovincial Red Seal Endorsement means “an interprovincial Red Seal endorsement issued under the authority of the [Canadian Council of Directors of Apprenticeship](#) Interprovincial (Red Seal) Program with respect to a trade” ATQA, SNS 2003 c.1, s.2, s.s.1 (nbc).

Joint Registration Agreement (JRA) is defined in the Nova Scotia Apprenticeship and Trades Qualification Act (ATQA) as “an agreement entered into between either the Minister or the Director and a recognized association establishing the terms and conditions under which a recognized association may enter into apprenticeship agreements with respect to specified trades” ATQA, SNS 2003 c.1, s.2, s.s.1 (nc).

Journey person (JP) is defined in the Nova Scotia Apprenticeship and Trades Qualification Act (ATQA) as “a person who holds a certificate of qualification in a designated trade or a certificate recognized by the Director pursuant to the general regulations” ATQA, SNS 2003 c.1, s.2, s.s.1 (o).

Men refers to all individuals who identify as men.

Mobile Construction Experience is a mobile unit that travels the province to facilitate youth trying hands-on construction trades. This experience is offered by the Nova Scotia Construction Sector Council.

Nova Scotia Construction Sector Council is made up of representatives from both labour and management and works to identify and address industry issues.

NSCC refers to the [Nova Scotia Community College](#).

Red Seal means an “interprovincial red seal endorsement” means an inter-provincial red seal endorsement issued under the authority of the [Canadian Council of Directors of Apprenticeship Interprovincial \(Red Seal\) Program](#) with respect to a trade. “ATQA, SNS 2003 c.1, s.2, s.s.1 (nbc).

Serve It Up! (SIU) is a program available to Grade 10 and 11 students across the province and delivered by the [Nova Scotia Tourism Human Resource Council](#). The Council works closely with employers in the service industry, specifically in the cook and baker trades.

Skills Canada Nova Scotia engages youth either through school presentations, Nova Scotia Skills Competition, National Competition, Career Showcase events, and other community-youth engagement activities.

Techsploration is a youth career exploration program founded by the Nova Scotia Apprenticeship Agency and the Nova Scotia Community College, works closely with seven Regional Centres of Education and the CSAP, and industry partners to create individual career and mentorship opportunities for girls and non-binary youth in grades 9-12. Career exploration focuses on science, technology, engineering, and skilled trades.

TestDrive (TD) is a program for high school students and delivered by the [Nova Scotia Automotive Sector Council](#). TestDrive facilitates students throughout the province with paid work placements from employers in the motive power industry.

Trade Qualifier refers to an individual who has worked in a skilled trade and has significant experience but is not a registered apprentice or certified in the trade, can become certified through a process called Trade Qualification. Section 30 of the [General Regulations](#) of the [Apprenticeship and Trades Qualifications Act](#) allows for an individual to be examined as a Trade Qualifier for certification if they have *significant experience* working in a trade that is recognized in Nova Scotia and can prove that their skills and work experience meet the standards set for a certified tradesperson. To receive a Certificate of Qualification in a trade in Nova Scotia, an individual must challenge and pass (70% or greater) the certification examination.

Trades Exhibition Hall is a space that provides an opportunity for those interest in working in the trades to experience 14 interactive exhibits and speak with industry professionals. The experience is offered by the Nova Scotia Construction Sector Council.

Truck and Transport Mechanic / Heavy Duty Equipment Technician means Levels 1 and 2 of Heavy Duty Equipment Technician and Truck and Transport Mechanic are the same. Levels 3 and 4 of both trades require specialized training.

Women refers to all individuals who identify as women.

Youth means “a person under twenty years of age” ATQA, SNS 2003 c.1, s.2, s.s.1(vd).

Youth Apprenticeship Program means an experience and or training undertaken by youth in an apprenticeship program for youth recognized pursuant to the general regulations. ATQA, SNS 2003 c.1, s.2, s.s.1(w).