



INDUSTRY TRAINING AUTHORITY

QUARTERLY PERFORMANCE REPORT

2022/23 - Second Quarter
To September 30, 2022

Document Purpose

The Industry Training Authority's (ITA) Quarterly Performance Report is compiled following each quarter (June, September, December, and March). While publication dates may vary, generally reports are published July, October, and January. The final report is issued to correspond with the release of ITA's Annual Report.

ITA's Quarterly Performance Report provides a snapshot of the organization's progress towards its Strategic and Service Plan targets. The quarterly report also offers information in other areas including apprenticeships, sponsors, and technical training. The aim is to present statistics and information that may be useful to those interested in B.C.'s trades training and apprenticeship system. If you have any comments, questions, or suggestions, please email:

research@itabc.ca.

About ITA

ITA leads and manages B.C.'s trades training and apprenticeship system by providing apprentices with high-quality skills to fully participate in B.C.'s economy. ITA works with its partners to deliver a responsive and inclusive training system, offering apprentices an important entry into a long-lasting, well-paying career.

Contact

For general information about ITA visit us at www.itabc.ca or in-person at 800 – 8100 Granville Avenue, Richmond, B.C., or call ITA's customer service line at 778-328-8700 or toll-free in B.C. at 1-866-660-6011.

TABLE OF CONTENTS

Part 1 – Strategic and Service Plan Indicators

Table 1	Goal 1: BC has an inclusive skilled trades training and apprenticeship system that reflects our diverse population	Page 1
Table 2	Goal 2: Apprentices and employers have the information and support they need for success	Page 2
Table 3	Goal 3: BC’s skilled trades training and apprenticeship system is innovative to support future apprentices	Page 2
Table 4	Goal 4: Implement Skilled Trades Certification to help address the demand for skilled trades workers and support more apprentices to completion	Page 3

Part 2 – Apprenticeships

Table 5	Total Apprenticeship Registrations	Page 4
Table 6	New Apprenticeship Registrations	Page 4
Table 7	Women Apprenticeship Registrations	Page 4
Table 8	Indigenous Apprenticeship Registrations	Page 5
Graph 1	Largest Five Trades by Total Apprenticeship Registrations	Page 5
Graph 2	Total Apprenticeship Registrations – Age Distribution	Page 6
Graph 3	New Apprenticeship Registrations – Age Distribution	Page 6
Table 9	High School Program Participants	Page 7
Table 10	Continuation from Foundation Programs to Apprenticeship	Page 7
Table 11	Completion Rates	Page 7

Part 3 – Sponsors

Table 12	Total Active Sponsors	Page 8
Graph 4	Percentage of Sponsors and Apprenticeships by Sponsor Category	Page 8
Graph 5	Trades Ranked by Number of Sponsors (100 and above)	Page 9

Part 4 – Technical Training

Table 13	Utilization of ITA Allocated Training Seats	Page 10
Table 14	Participants in ITA Allocated Programs	Page 10

Appendix A – Table 15 - Apprenticeships by Trade	Page 11-12
---	------------

Table 1 | Goal 1



Goal 1: BC has an inclusive skilled trades training and apprenticeship system that reflects our diverse population

Measure	2019/20 Results	2020/21 Results	2021/22 Results	2022/23 Target	2022/23 Results to Date
Increase of women entering under-represented trades apprenticeships ¹	853	601	782	810	463
Increase of Indigenous peoples entering into apprenticeships	1,246	879	1,220	1,240	677
Increase the proportionality of women in under-represented trades ²		5.4%	5.7%	5.8%	6.0%
Increase the proportionality of Indigenous peoples in apprenticeships ²		7.9%	8.1%	8.0%	8.2%

¹ Under-represented trades exclude any trade where 25% or more of the population are women. For 2019/20 and previous years, only the following Red Seal trades were excluded: Baker, Cook, Hairstylist, and Landscape Horticulturist.

² Measures are accumulative and include any apprentice who was active in the system at any time during the fiscal year.

The Industry Training Authority and its partners are committed to leading a cultural change in British Columbia’s trades training and apprenticeship system. To ensure understanding in ITA’s overall performance related to this change, additional data on women and Indigenous apprentices are available on page 4, table 7 and page 5, table 8.

Table 2 | Goal 2



Goal 2: Apprentices and employers have the information and support they need for success

Measure	2019/20 Results	2020/21 Results	2021/22 Results	2022/23 Target	2022/23 Results to Date
Certificates of Qualification issued	7,535	4,631	5,572	5,650	2,820
Certificates of Qualification issued to women	700	396	424	455	203
Certificates of Qualification issued to Indigenous peoples	318	216	280	285	130
Youth participating in skilled trades ¹		7,627	8,825	9,300	4,047

¹ Measure includes youth aged 16-26 who register as an apprentice, or enter the Work or Train in Trades programs, at any time during the fiscal year.

For additional data on youth participation in ITA programs, including women and Indigenous youth, refer to page 7, Table 9.

Table 3 | Goal 3



Goal 3: BC's skilled trades training and apprenticeship system is innovative to support future apprentices

Measure	2019/20 Results	2020/21 Results	2021/22 Results	2022/23 Target	2022/23 Results to Date
Employer sponsor satisfaction with ITA support	82%	81%	81%	≥80%	Reported March 2023
Apprentice satisfaction with ITA support		81%	81%	≥80%	Reported March 2023

Table 4 | Goal 4



Goal 4: Implement Skilled Trades Certification to help address the demand for skilled trades workers and support more apprentices to completion

Measure	2019/20 Results	2020/21 Results	2021/22 Results	2022/23 Target	2022/23 Results to Date
Number of site visits completed by Compliance Officers				Establish Program	Reported March 2023
Number of business days to respond to exam accommodation requests				Establish Data Collection Methods	Reported March 2023
Number of business days to process Trade Qualifier applications				Establish Data Collection Methods	Reported March 2023

For apprenticeships by trade, see Appendix A, Table 15.

Table 5 | Total Apprenticeship Registrations

	2019/2020	2020/2021	2021/2022	2022/2023 Results to Date
Total apprenticeships	39,221	37,074	37,850	38,647

Table 6 | New Apprenticeship Registrations

	2019/2020	2020/2021	2021/2022	2022/2023 Results to Date
New apprenticeship registrations ¹	13,778	10,465	12,488	6,895

¹ New apprenticeship registrations is a cumulative measure.

Table 7 | Women Apprenticeship Registrations

	2019/2020	2020/2021	2021/2022	2022/2023 Results to Date
Total women apprenticeships	3,815	3,627	3,817	3,913
Total women as % of all ITA apprenticeships	10%	10%	10%	10%
Total women in under-represented trades ¹	2,024	2,019	2,227	2,366
Total women apprenticeships in under-represented trades as % of all women apprenticeships	53%	56%	58%	60%
Total women apprenticeships in under-represented trades as % of all ITA apprenticeships ²	5%	5%	6%	6%

¹ As of July 31, 2020 under-represented trades exclude any trade where 25% or more of the population are women; this table has been updated to reflect this definition of under-represented trades.

² Measure is point in time and includes any apprenticeship active at the end of the reporting period.

¹ Apprenticeship registrations are apprenticeships that have had activities (such as reporting of work-based training hours, technical training hours, technical training results, examination marks, or change in sponsorship information) recorded in ITA's Direct Access system within the last 18 months.

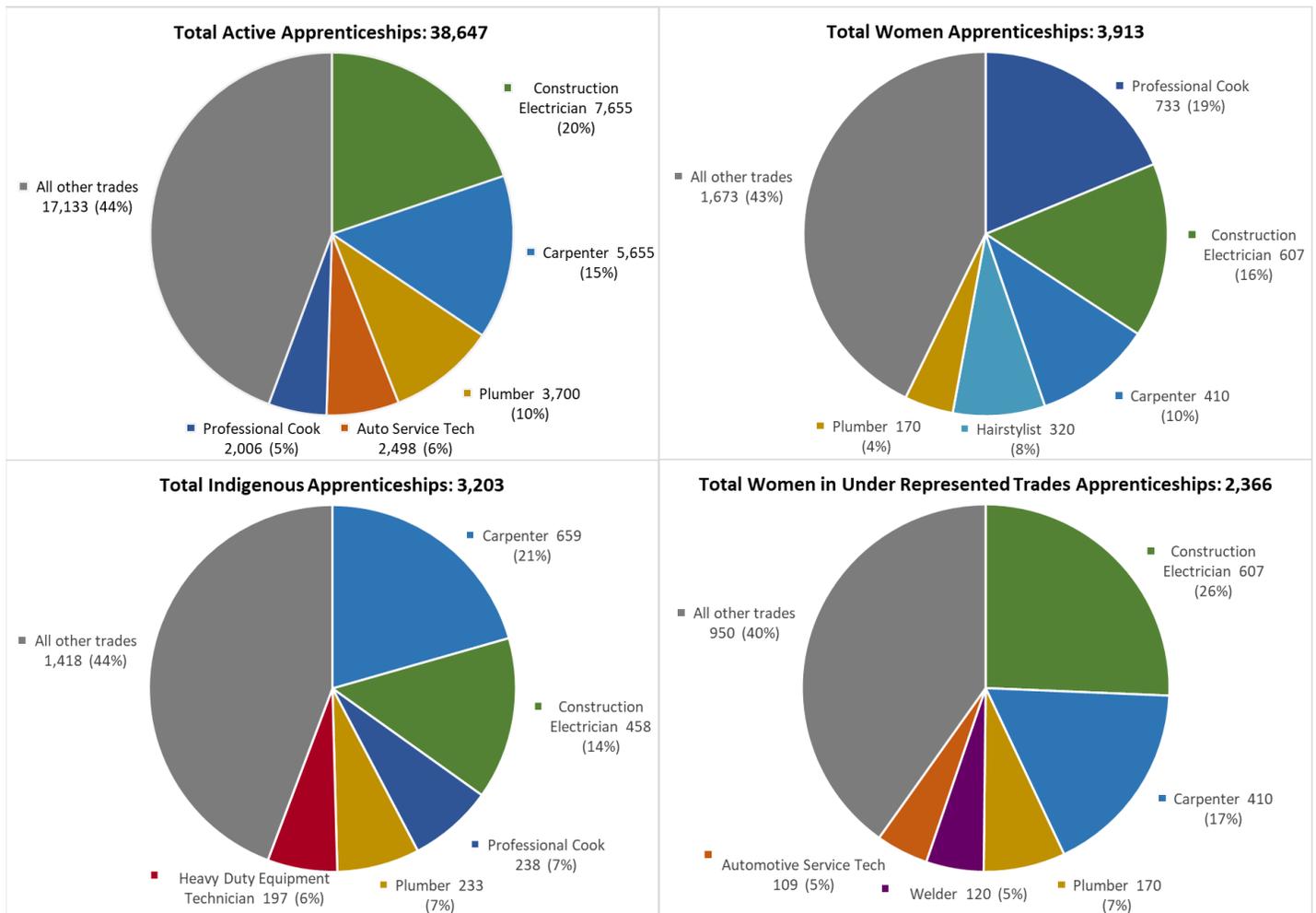
Table 8 | Indigenous Apprenticeship Registrations

	2019/2020	2020/2021	2021/2022	2022/2023 Results to Date
Total Indigenous apprenticeships ¹	3,037	2,738	3,025	3,203
Total Indigenous women apprenticeships	498	463	524	544
Total Indigenous apprenticeships as % of all ITA apprenticeships ²	8%	7%	8%	8%

¹ Self-identified.

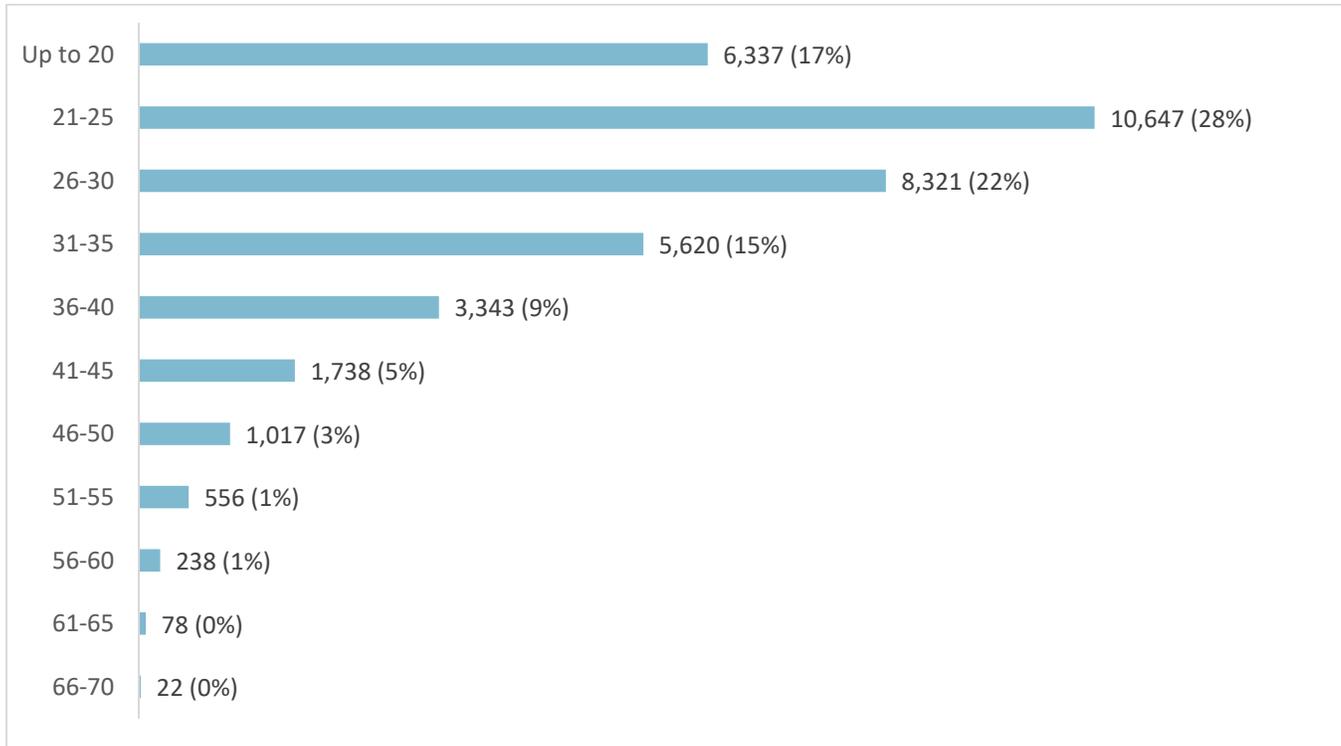
² Measure is point in time and includes any apprenticeship active at the end of the reporting period.

Graph 1 | Largest Five Trades by Total Apprenticeship Registrations

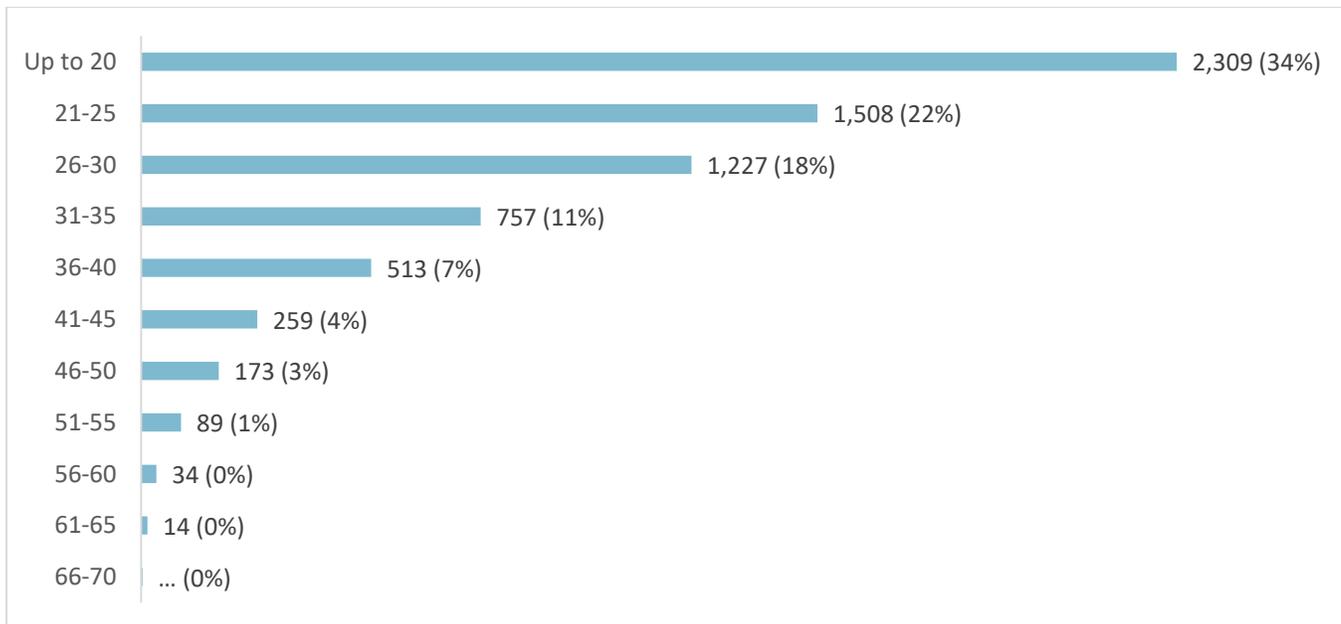


Apprenticeship Population by Age

Graph 2 | Total Apprenticeships – Age Distribution



Graph 3 | New Apprenticeship Registrations – Age Distribution



...Represents numbers 5 and less. Numbers are masked to protect personal information. In some cases, it is not only necessary to mask one number but also a complementary number because the missing value can be calculated from the total. In these cases, two cells are suppressed so the exact value of one cell cannot be calculated.

Table 9 | High School Program Participants – New Registrations¹ (School Year)

	2019/2020	2020/2021	2021/2022	2022/2023
New youth participation	2,947	2,810	3,096	Reported July 2023
New women youth participation	540	504	617	Reported July 2023
New women youth as % of all youth	18%	18%	20%	Reported July 2023
New women youth participation in under-represented trades ²	150	140	192	Reported July 2023
New women youth in under-represented trades as % of women youth	28%	28%	31%	Reported July 2023
New Indigenous youth participation	284	300	372	Reported July 2023
New Indigenous youth participation as % of all youth	10%	11%	12%	Reported July 2023

¹ New youth registrations is a cumulative measure.

² As of July 31, 2020 under-represented trades exclude any trade where 25% or more of the population are women; this table has been updated to reflect this definition of under-represented trades.

Table 10 | Continuation from Foundation Programs to Apprenticeship

	2019/2020	2020/2021	2021/2022	2022/2023 Results to Date
Continuation from foundation programs to apprenticeship ¹	54%	47%	46%	50%

¹ Continuation from foundation programs to apprenticeship measures the percentage of individuals who successfully complete a foundation program and become an apprentice registered with the ITA 12 months from their foundation credential achievement date.

Table 11 | Completion Rates

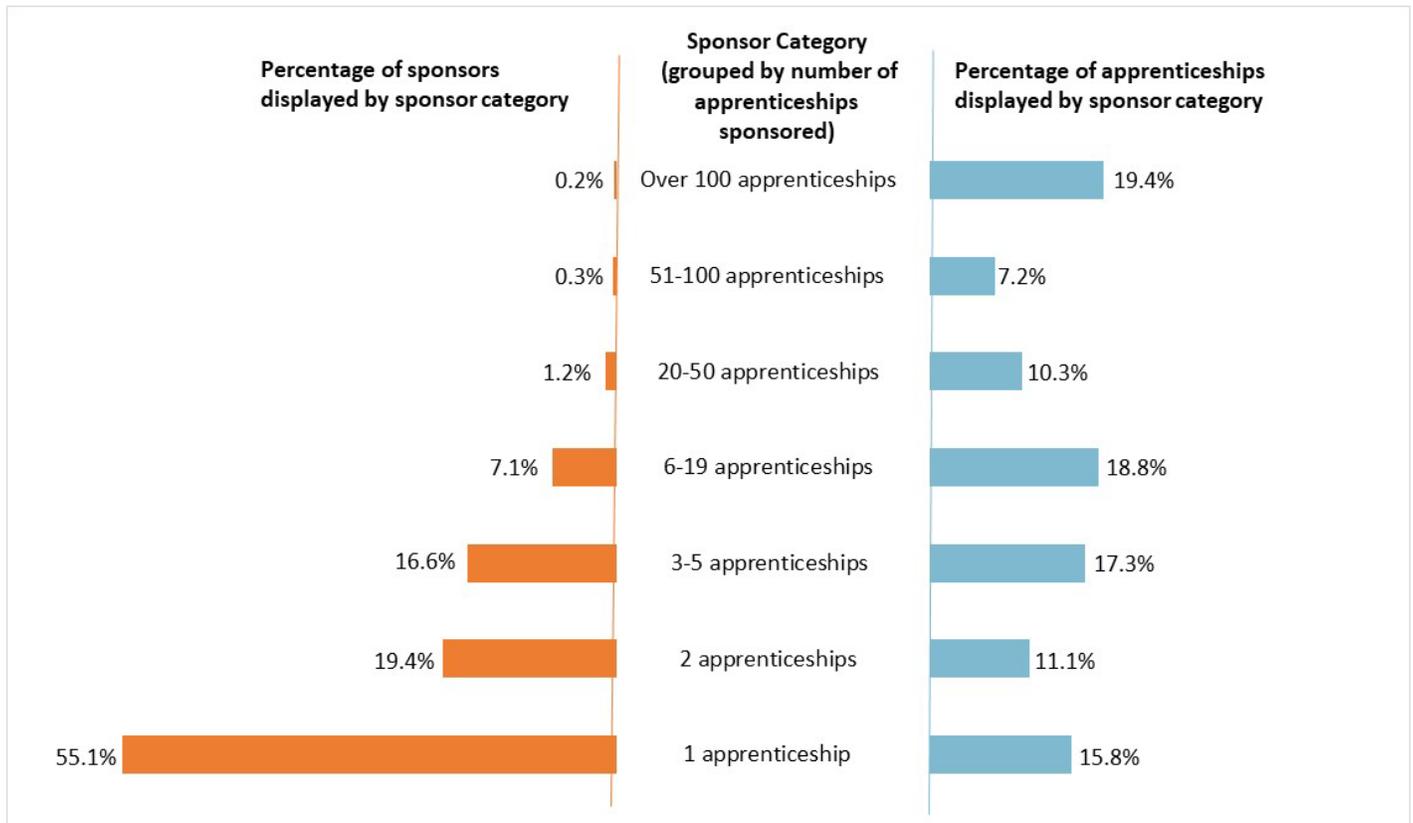
	2019/2020 (cohort 2013/2014)	2020/2021 (cohort 2014/2015)	2021/2022 (cohort 2015/2016)	2022/2023 Results to Date (cohort 2016/2017)
Apprenticeship completion rate ¹	43%	41%	40%	40%

¹ Completion rate is a measure of the number of apprentices who have completed their program and obtained their Certificate of Qualification within 6 years of registration. The completion rate is calculated quarterly and then reported on a cumulative basis throughout the year.

Table 12 | Total Active Sponsors

	2019/2020	2020/2021	2021/2022	2022/2023 Results to Date
Total active sponsors	10,486	10,023	10,090	10,338

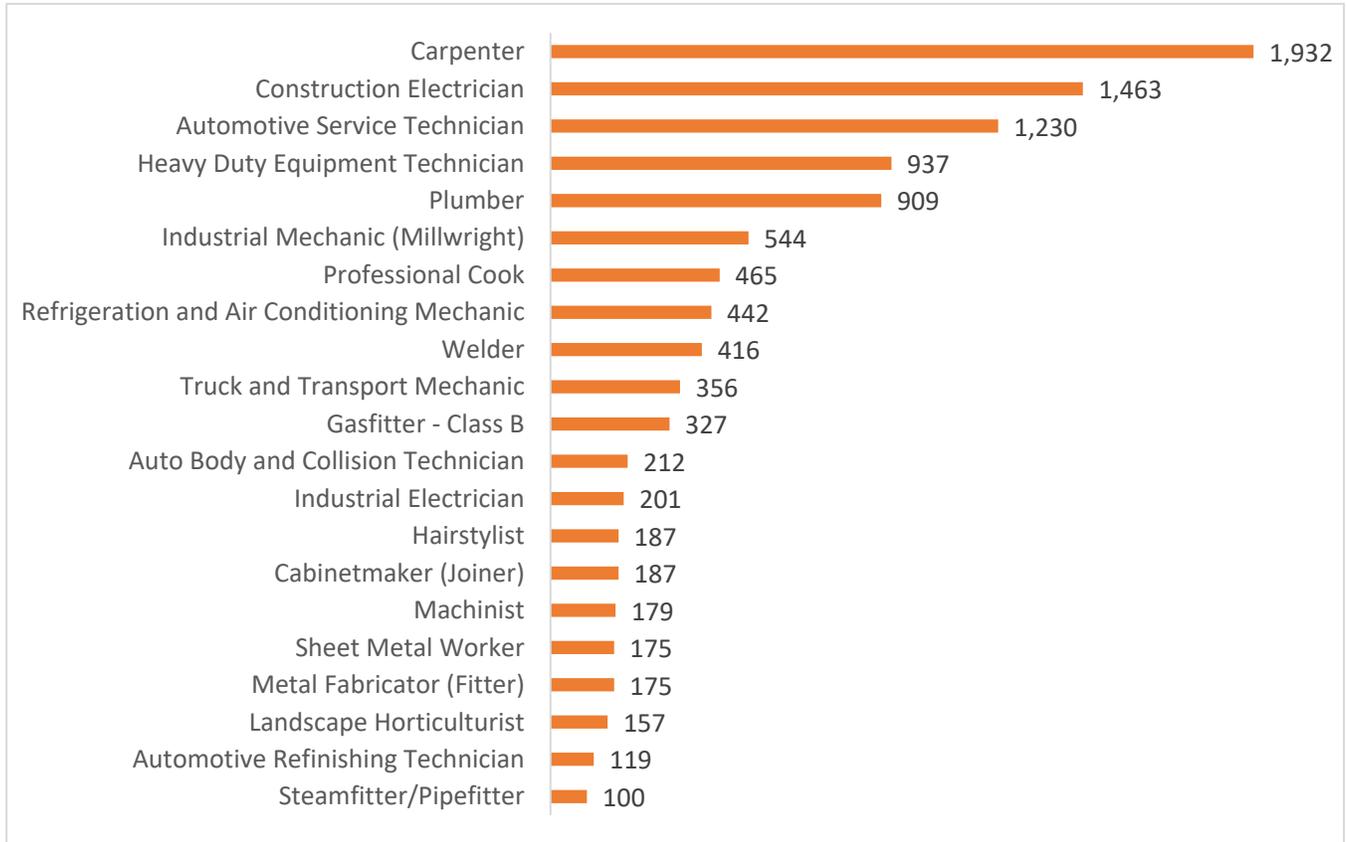
Graph 4 | Percentage of Sponsors and Apprenticeships by Sponsor Category¹



¹ Large sponsors (over 100) include training providers acting as sponsors and group sponsors (sponsors such as employer groups and unions that place apprentices with different employers).

² Several registered sponsors represent multiple employers.

Graph 5 | Trades Ranked by Number of Sponsors (100 and above)



PART 4 – TECHNICAL TRAINING

Table 13 | Utilization of ITA Allocated Training Seats

	2019/2020	2020/2021	2021/2022	2022/2023
Capacity utilization ¹	89.6%	77.1%	82.7%	Reported March 2023

¹ Capacity utilization is the percent of ITA-allocated apprenticeship and foundation program seats filled by registered participants. Foundation programs are focused primarily on knowledge of essential skills needed to gain entry into a particular occupation.

Table 14 | Participants in ITA Allocated Programs

	2019/2020	2020/2021	2021/2022	2022/2023
ITA training seats: participants	23,571	20,490	22,065	Reported March 2023
Apprenticeship participants	18,860	16,440	17,373	Reported March 2023
Foundation participants ¹	4,711	4,050	4,692	Reported March 2023

¹ Foundation programs are focused primarily on knowledge of essential skills needed to gain entry into a particular occupation.

APPENDIX A

Table 15 – Total Apprenticeships by Trade

Active Apprenticeships

(As at March 31 each year)

Trade ¹	Red Seal	2022/23				2022/23 YTD Women	2022/23 Women as % of Total Trade	2022/23 YTD	
		2019/20	2020/21	2021/22	YTD			Indigenous	% of Total Trade
A									
Aircraft Maintenance Technician		175	161	171	166	19	11%	6	4%
Aircraft Structural Technician		49	53	44	46	7	15%	...	...
Appliance Service Technician	●	62	62	64	69	...	...	...	...
Arborist Technician		33	65	58	26	...	...	...	...
Architectural Sheet Metal Worker		245	229	224	255	17	7%	15	6%
Asphalt Paving/Laydown Technician		39	36	26	14	...	...	...	...
Auto Body and Collision Technician ²	●	442	353	335	336	24	7%	14	4%
Automotive Glass Technician		274	296	276	253	24	9%	17	7%
Automotive Refinishing Technician	●	63	48	159	160	31	19%	...	...
Automotive Refinishing Prep Technician		153	112	14	11	...	...	-	-
Automotive Service Technician	●	2,362	2,317	2,334	2,498	109	4%	139	6%
B									
Baker	●	161	138	140	155	129	83%	9	6%
Boilermaker	●	76	56	70	73	9	12%	6	8%
Boom Truck Operator - Folding Boom Unlimited Tonnage		7	-	-	...	...
Boom Truck Operator - Stiff Boom Unlimited Tonnage		-	-	-	-
Bricklayer	●	128	113	122	129	7	5%	21	16%
C									
Cabinetmaker (Joiner)	●	337	319	333	343	72	21%	8	2%
Carpenter	●	5,658	5,349	5,601	5,655	410	7%	659	12%
Climbing Arborist		-	-	-	-	-
Concrete Finisher	●	96	69	77	86	...	...	11	13%
Construction Craft Worker (Labourer)	●	121	48	118	117	18	15%	55	47%
Construction Electrician	●	7,577	7,500	7,568	7,655	607	8%	458	6%
Cook ³	●	2,522	2,202	2,192	2,008	735	37%	238	12%
D									
Dairy Production Technician ⁴		113	85	-	-	-	-	-	-
Diesel Engine Mechanic		93	75	56	52	...	...	...	...
Drywall Finisher		79	58	53	51	6	12%	6	12%
E									
Embalmer		-	-	-	...	-	-	-	-
Embalmer And Funeral Director		48	50	61	86	68	79%	...	...
F									
Floor Covering Installer	●	47	32	32	31	...	...	...	...
Funeral Director		9	10	11	19	10	53%	-	-
G									
Gasfitter (Class A)		23	24	27	25	-	-	-	-
Gasfitter - Class B		429	432	492	534	27	5%	30	6%
Glazier	●	293	272	310	327	17	5%	40	12%
H									
Hairstylist	●	480	394	358	347	320	92%	38	11%
Heavy Duty Equipment Technician	●	1,736	1,669	1,859	2,000	71	4%	197	10%
Heavy Equipment Operator		191	186	184	205	38	19%	71	35%
I									
Inboard/Outboard Mechanic		-	-	-	-	-	-
Industrial Electrician	●	326	314	339	325	31	10%	13	4%
Industrial Mechanic (Millwright)	●	1,342	1,266	1,240	1,335	48	4%	112	8%
Instrumentation And Control Technician (Industrial Instrument Mechanic)	●	169	176	179	195	7	4%	12	6%
Insulator (Heat And Frost)	●	335	203	234	242	34	14%	20	8%
Ironworker (Generalist)	●	195	197	191	176	15	9%	30	17%
Ironworker (Reinforcing)	●	301	168	158	137	8	6%	24	18%
L									
Landscape Horticulturist	●	315	340	381	353	160	45%	15	4%
Lather (Interior Systems Mechanic) (Wall & Ceiling Installer)	●	248	190	192	185	12	6%	25	14%
Locksmith		13	8	7	7	-	-	-	-

Trade ¹	Red Seal	2019/20	2020/21	2021/22	2021/22	2021/22		2021/22	
						2021/22 Female	Female as % of Total Trade	2021/22 Indigenous	Indigenous as % of Total Trade
M									
Machinist	☹	362	341	362	366	28	8%	12	3%
Marine Mechanical Technician		67	66	65	69	...	...	7	10%
Marine Service Technician		94	72	98	101	15	15%	23	23%
Meatcutter		133	127	116	131	47	36%	14	11%
Metal Fabricator (Fitter)	☹	393	369	347	356	21	6%	28	8%
Mobile Crane Operator	☹	110	100	125	146	8	5%	18	12%
Mobile Crane Operator - Hydraulic 80 Tonnes And Under		15	6	11	6	-	-	...	...
Motorcycle Technician ⁵	☹	111	100	105	119	13	11%	9	8%
P									
Painter And Decorator	☹	377	313	258	249	43	17%	12	5%
Parts And Warehousing Person 1		130	111	130	158	43	27%	13	8%
Partsperson	☹	36	53	46	74	35	47%	...	...
Piledriver And Bridgeworker		101	131	145	144	...	...	8	6%
Plumber	☹	3,613	3,792	3,711	3,700	170	5%	233	6%
Powerline Technician	☹	139	123	113	106	...	...	9	8%
R									
Recreation Vehicle Service Technician	☹	91	83	113	113	18	16%	7	6%
Refrigeration And Air Conditioning Mechanic	☹	1,243	1,282	1,471	1,638	54	3%	72	4%
Residential Building Maintenance Worker		42	28	31	39	10	26%	37	95%
Residential Steep Roofer		9	10	-	-	...	...
Roofer	☹	571	452	417	443	17	4%	44	10%
S									
Saw Filer		112	112	120	118	9	8%	11	9%
Security Systems Technician		125	138	156	166	14	8%	13	8%
Sheet Metal Worker	☹	891	924	955	923	51	6%	59	6%
Sprinkler Fitter	☹	672	454	445	418	12	3%	19	5%
Steamfitter/Pipefitter	☹	465	438	421	450	41	9%	58	13%
T									
Tilesetter	☹	26	20	18	16	...	...	-	-
Tower Crane Operator	☹	23	27	22	31	...	...	...	...
Transport Trailer Technician	☹	33	26	39	40	...	...	-	-
Truck And Transport Mechanic	☹	827	742	707	747	21	3%	35	5%
U									
Utility Arborist		148	137	167	177	...	...	20	11%
W									
Water Well Driller		-	-	-	-	-
Welder	☹	866	788	801	863	120	14%	118	14%
Winder Electrician ⁶		22	29	25	30	-	-	...	...
Grand Total		39,221	37,074	37,850	38,647	3,913	10%	3,203	8%

¹ Trades without apprenticeship registrations in the past 2 fiscal years (2020/21 - 2021/22) are not included in the list.

² Effective April 1, 2021, *Motor Vehicle Body Repairer (Metal & Paint)* - Automotive Collision Repair Technician trade is renamed as *Auto Body and Collision Technician*.

³ *Cook* includes both *Cook* and *Professional Cook*.

⁴ *Dairy Production Technician* has been inactivated as of July 1, 2020.

⁵ Effective April 1, 2022, *Motorcycle Mechanic* trade is renamed as *Motorcycle Technician*.

⁶ *Electric Motor System Technician (Winder Electrician)* launched a new BC CofQ pathway, *Winder Electrician*, as of May 1, 2020 and the trade will be de-designated Red Seal on July 31, 2022.

- indicates zero apprenticeship registrations

... Represents numbers 5 and less. These numbers have been masked to ensure information about an individual is not released. In some cases, it is not only necessary to mask one number but also a complementary number because the missing value can be calculated from the total. In these cases, two cells are suppressed so the exact value of one cell cannot be calculated.