



INDUSTRY TRAINING AUTHORITY

QUARTERLY PERFORMANCE REPORT

2021/22 - Third Quarter
To December 31, 2021

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.

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Table 1 | Goal 1



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

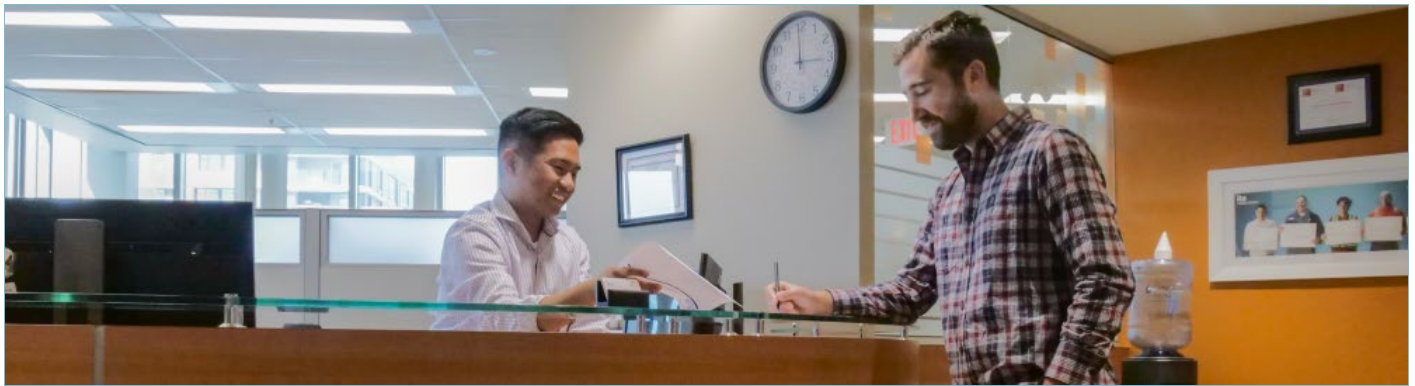
Measure	2018/19 Results	2019/20 Results	2020/21 Results	2021/22 Target	2021/22 Results to Date
Increase of women entering under-represented trades apprenticeships ¹	808	853	601	690	612
Increase of Indigenous peoples entering into apprenticeships	1,185	1,246	879	915	917
Increase the proportionality of women in under-represented trades ²			5.4%	5.6%	5.6%
Increase the proportionality of Indigenous peoples in apprenticeships ²			7.9%	7.4%	7.9%

¹ Under-represented trades exclude any trade where 25% or more of the population are female. 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	2018/19 Results	2019/20 Results	2020/21 Results	2021/22 Target	2021/22 Results to Date
Certificates of Qualification issued	7,291	7,535	4,631	5,100	4,325
Certificates of Qualification issued to women	750	700	396	420	347
Certificates of Qualification issued to Indigenous peoples	280	318	216	235	220
Youth participating in skilled trades ¹			7,627	8,100	6,682

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 female and Indigenous youth, refer to page 7, Table 9.

Table 3 | Goal 3



Goal 3: BC's trades training and apprenticeship system is innovative to support changes in technology and our future learners

Measure	2018/19 Results	2019/20 Results	2020/21 Results	2021/22 Target	2021/22 Results to Date
Employer sponsor satisfaction with ITA support		82%	81%	≥80%	Reported March 2022
Apprentice satisfaction with ITA support			81%	≥80%	Reported March 2022

Table 4 | Goal 4



Goal 4: BC's trades training and apprenticeship system has transparent and comprehensive information to support its learners and partners in their decision making

Measure	2018/19 Results	2019/20 Results	2020/21 Results	2021/22 Target	2021/22 Results to Date
Publish system measurement metric results				Baseline Metrics	Reported March 2022
Publish data sets in Open Data format				5	Reported March 2022

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

Table 5 | Total Apprenticeship Registrations

	2018/2019	2019/2020	2020/2021	2021/2022 Results to Date
Total apprenticeships	38,637	39,221	37,074	37,420

Table 6 | New Apprenticeship Registrations

	2018/2019	2019/2020	2020/2021	2021/2022 Results to Date
New apprenticeship registrations ¹	13,835	13,778	10,465	9,540

¹ New apprenticeship registrations is a cumulative measure.

Table 7 | Female Apprenticeship Registrations

	2018/2019	2019/2020	2020/2021	2021/2022 Results to Date
Total female apprenticeships	3,683	3,815	3,627	3,820
Total female as % of all ITA apprenticeships	10%	10%	10%	10%
Total female in under-represented trades ¹	1,894	2,024	2,019	2,178
Total female apprenticeships in under-represented trades as % of all female apprenticeships	51%	53%	56%	57%
Total female apprenticeships in under-represented trades as % of all ITA apprenticeships ²	5%	5%	5%	6%

¹ As of July 31, 2020 under-represented trades exclude any trade where 25% or more of the population are female; 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.

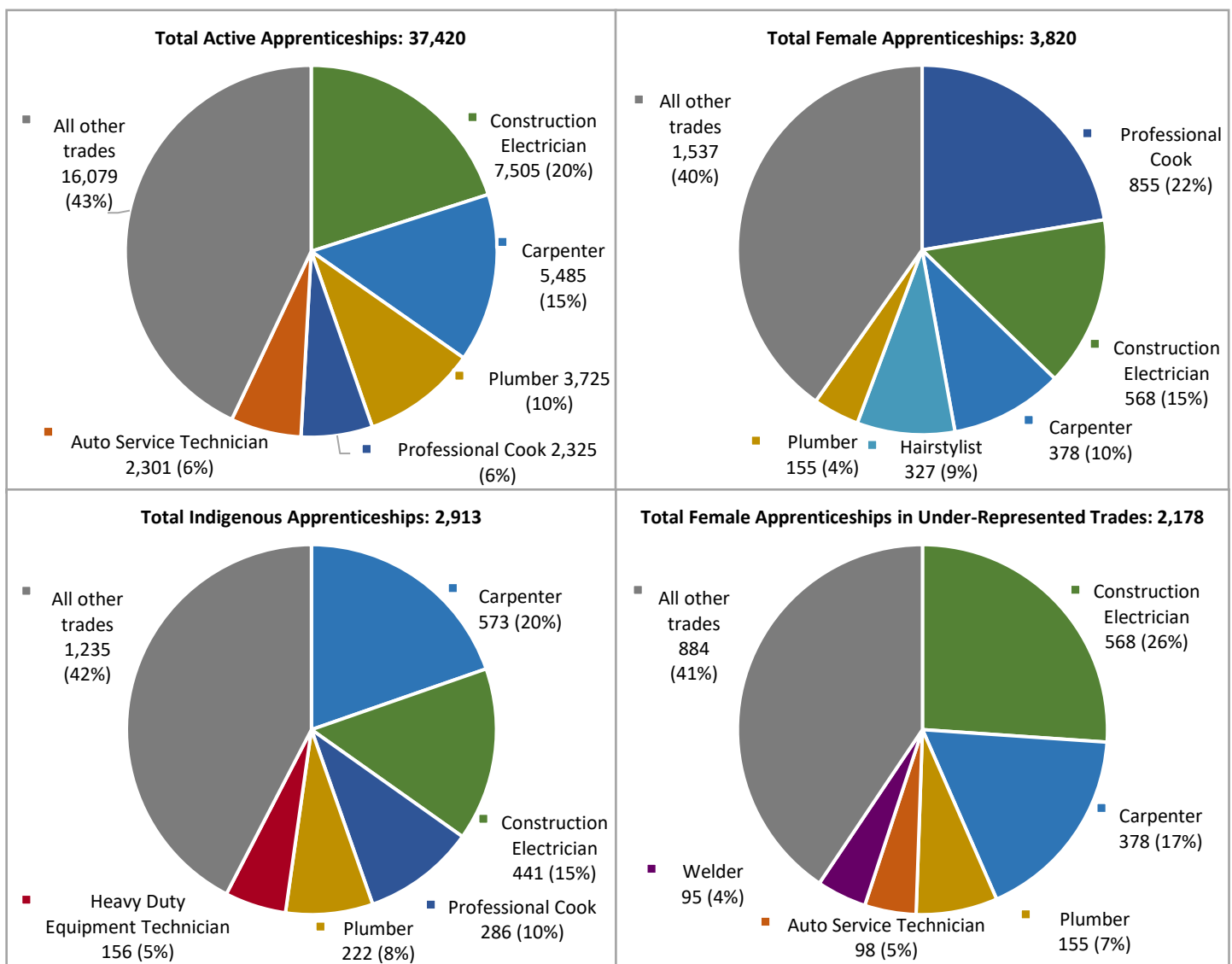
Table 8 | Indigenous Apprenticeship Registrations

	2018/2019	2019/2020	2020/2021	2021/2022 Results to Date
Total Indigenous apprenticeships ¹	2,806	3,037	2,738	2,913
Total Indigenous female apprenticeships	475	498	463	507
Total Indigenous apprenticeships as % of all ITA apprenticeships ²	7%	8%	7%	8%

¹ Self-identified.

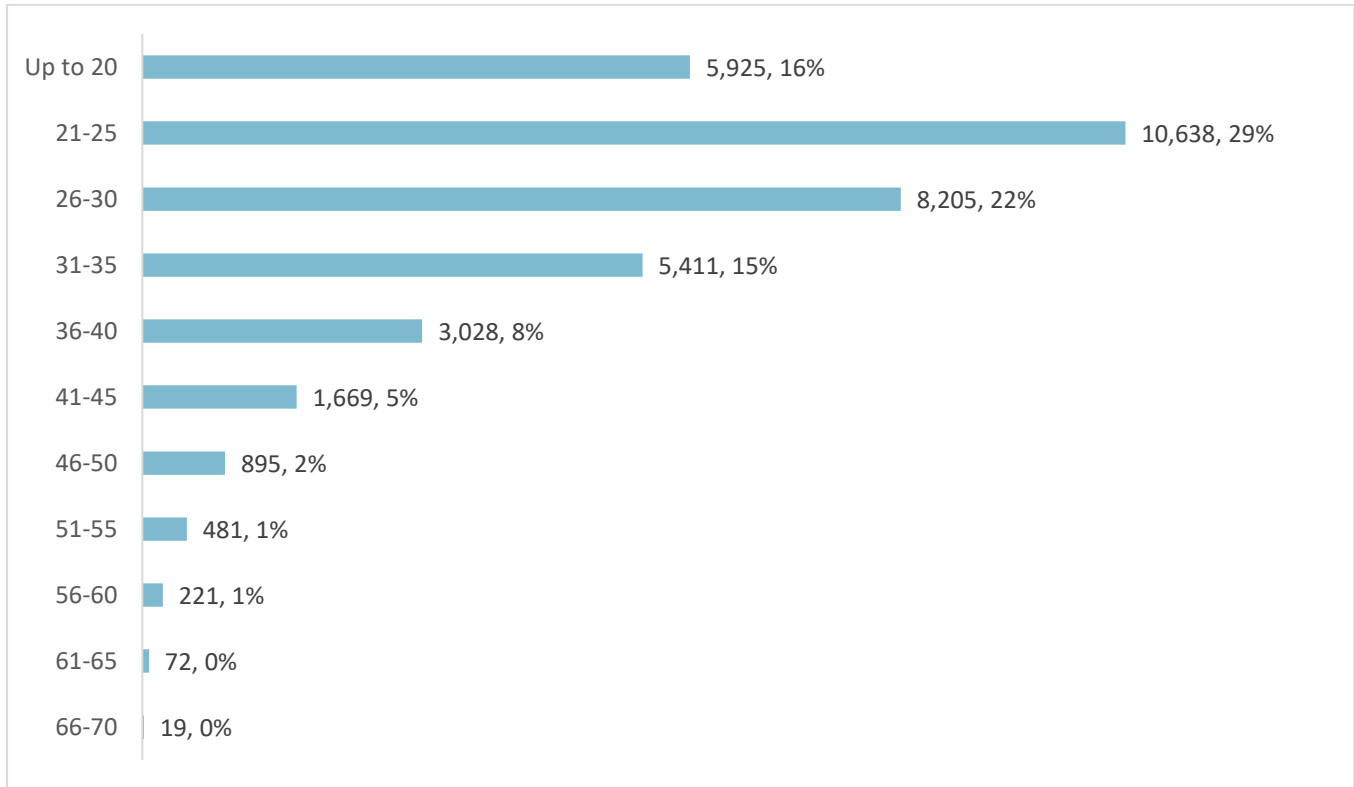
² Measure is point in time and includes any apprenticeship active at the end of the reporting period.

Graph 1 | Largest Five Trades by Total Apprenticeship Registrations

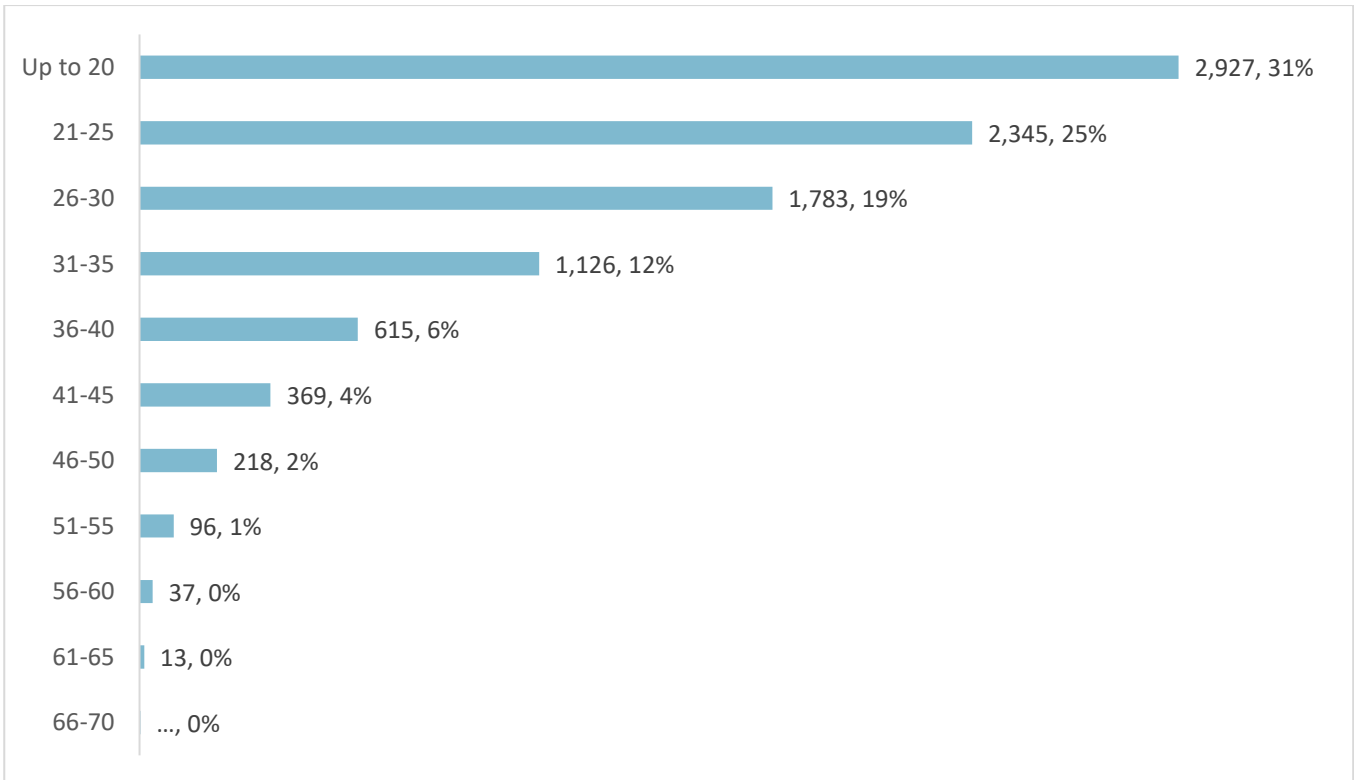


Apprenticeship Population by Age

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)

	2018/2019	2019/2020	2020/2021	2021/2022
New youth participation	3,062	2,947	2,810	Reported July 2022
New female youth participation	576	540	504	Reported July 2022
New female youth as % of all youth	19%	18%	18%	Reported July 2022
New female youth participation in under-represented trades ²	160	150	140	Reported July 2022
New female youth in under-represented trades as % of female youth	28%	28%	28%	Reported July 2022
New Indigenous youth participation	310	284	300	Reported July 2022
New Indigenous youth participation as % of all youth	10%	10%	11%	Reported July 2022

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 female; this table has been updated to reflect this definition of under-represented trades.

Table 10 | Continuation from Foundation Programs to Apprenticeship

	2018/2019	2019/2020	2020/2021	2021/2022 Results to Date
Continuation from foundation programs to apprenticeship ¹	50%	54%	47%	44%

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

	2018/2019 (cohort 2012/2013)	2019/2020 (cohort 2013/2014)	2020/2021 (cohort 2014/2015)	2021/2022 Results to Date (cohort 2015/2016)
Apprenticeship completion rate ¹	43%	43%	41%	40%

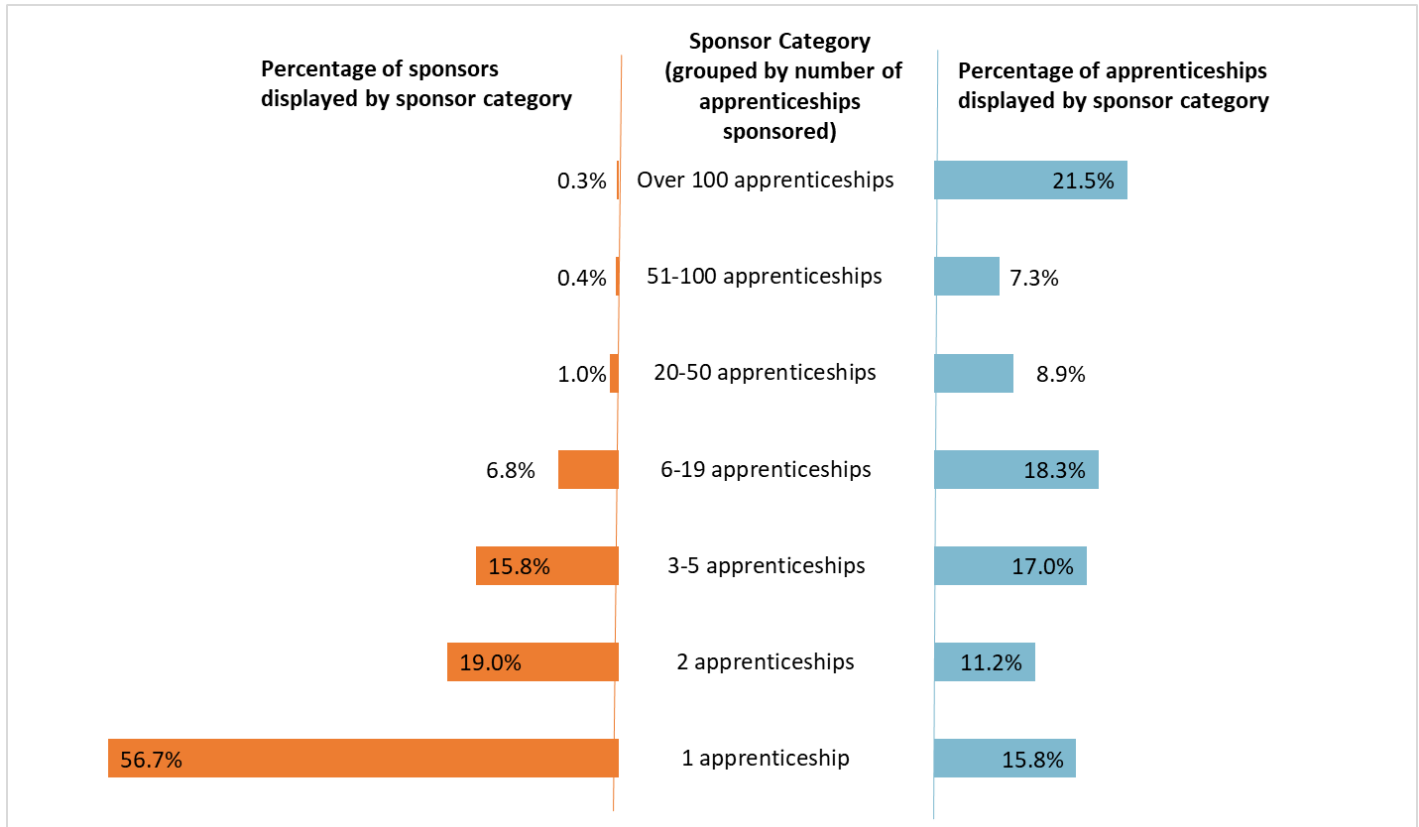
¹ Completion rate is a measure of the number of apprentices who have completed their program and obtained their Certificate of Qualification within 6 years of registration. The completion rate is calculated quarterly and then reported on a cumulative basis throughout the year.

PART 3 – SPONSORS²

Table 12 | Total Active Sponsors

	2018/2019	2019/2020	2020/2021	2021/2022 Results to Date
Total active sponsors	10,689	10,486	10,023	10,072

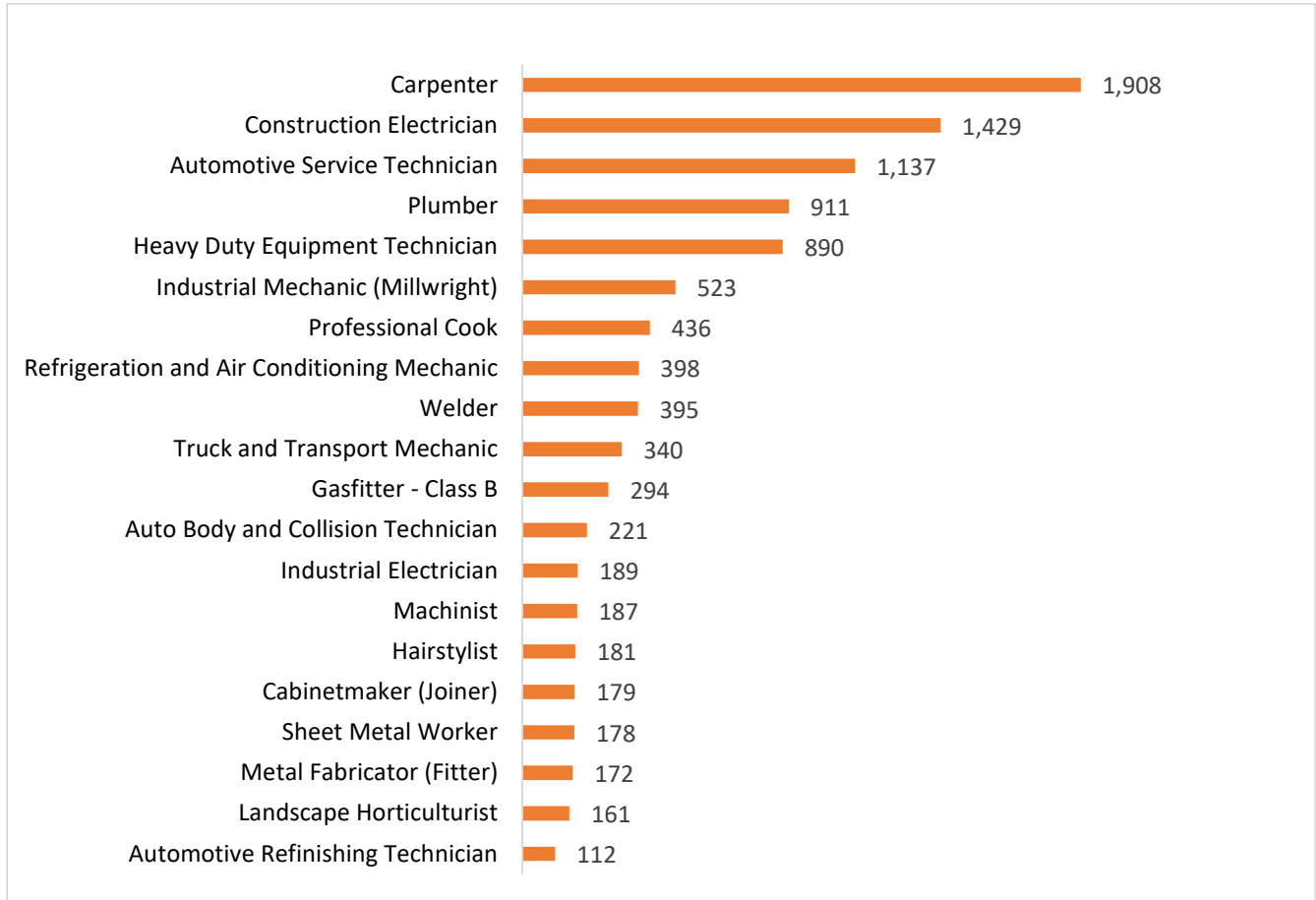
Graph 4 | Percentage of Sponsors and Apprenticeships by Sponsor Category¹



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

	2018/2019	2019/2020	2020/2021	2021/2022 Results to Date
Capacity utilization ¹	89.9%	89.6%	77.1%	Reported March 2022

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

	2018/2019	2019/2020	2020/2021	2021/2022 Results to Date
ITA training seats: participants	23,748	23,571	20,490	Reported March 2022
Apprenticeship participants	19,042	18,860	16,440	Reported March 2022
Foundation participants ¹	4,706	4,711	4,050	Reported March 2022

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	2018/19	2019/20	2020/21	2021/22 YTD	2021/22 YTD		2021/22 YTD	
						Female	Female as % of Total Trade	Indigenous	% of Total Trade
A									
Aircraft Maintenance Technician		154	175	161	167	19	11%	8	5%
Aircraft Structural Technician		52	49	53	43	6	14%	...	...
Appliance Service Technician	●	54	62	62	63	...	...	...	...
Arborist Technician		33	33	65	63	...	...	6	10%
Architectural Sheet Metal Worker		228	245	229	235	17	7%	12	5%
Asphalt Paving/Laydown Technician		42	39	36	25	...	...	...	...
Auto Body and Collision Technician ²	●●	429	442	353	338	25	7%	11	3%
Automotive Glass Technician		220	274	296	267	28	10%	17	6%
Automotive Refinishing Technician	●●	46	63	48	139	25	18%	...	...
Automotive Refinishing Prep Technician		165	153	112	16	...	...	-	-
Automotive Service Technician	●●	2,284	2,362	2,317	2,301	98	4%	131	6%
B									
Baker	●●	185	161	138	142	113	80%	...	...
Boilermaker	●●	74	76	56	68	10	15%	6	9%
Boom Truck Operator - Folding Boom Unlimited Tonnage		6	-	-	-	-
Boom Truck Operator - Stiff Boom Unlimited Tonnage		-	-	-	-
Bricklayer	●●	122	128	113	121	6	5%	15	12%
C									
Cabinetmaker (Joiner)	●●	302	337	319	334	62	19%	10	3%
Carpenter	●●	5,636	5,658	5,349	5,485	378	7%	573	10%
Climbing Arborist		10	...	...	...	-	-	-	-
Concrete Finisher	●●	98	96	69	75	...	...	9	12%
Construction Craft Worker (Labourer)	●●	221	121	48	75	17	23%	44	59%
Construction Electrician	●●	7,716	7,577	7,500	7,505	568	8%	441	6%
Cook ³	●●	2,470	2,522	2,202	2,326	856	37%	286	12%
D									
Dairy Production Technician ⁴		116	113	85	56	21	38%	-	-
Diesel Engine Mechanic		88	93	75	60	...	...	...	...
Drywall Finisher		85	79	58	55	10	18%	7	13%
E									
Electric Motor System Technician (Winder Electrician) ⁵	●●	23	22	29	25	...	...	...	...
Embalmer And Funeral Director		56	48	50	67	50	75%	...	...
F									
Floor Covering Installer	●●	58	47	32	27	...	...	...	...
Funeral Director		19	9	10	12	7	58%	-	-
G									
Gasfitter (Class A)		21	23	24	27	-	-	-	-
Gasfitter - Class B		371	429	432	462	23	5%	20	4%
Glazier	●●	298	293	272	301	17	6%	36	12%
H									
Hairstylist	●●	523	480	394	355	327	92%	38	11%
Heavy Duty Equipment Technician	●●	1,618	1,736	1,669	1,784	60	3%	156	9%
Heavy Equipment Operator		174	191	186	150	33	22%	44	29%
I									
Inboard/Outboard Mechanic		8	...	...	-	-	-	-	-
Industrial Electrician	●●	298	326	314	320	34	11%	12	4%
Industrial Mechanic (Millwright)	●●	1,331	1,342	1,266	1,235	47	4%	95	8%
Instrumentation And Control Technician (Industrial Instrument Mechanic)	●●	193	169	176	185	10	5%	7	4%
Insulator (Heat And Frost)	●●	230	335	203	237	33	14%	15	6%
Ironworker (Generalist)	●●	179	195	197	192	15	8%	33	17%
Ironworker (Reinforcing)	●●	101	301	168	150	8	5%	29	19%
L									
Landscape Horticulturist	●●	312	315	340	363	152	42%	13	4%
Lather (Interior Systems Mechanic) (Wall & Ceiling Installer)	●●	285	248	190	183	15	8%	17	9%
Locksmith		14	13	8	7	-	-	...	...

Trade ¹	Red Seal	2018/19	2019/20	2020/21	2021/22 YTD	2021/22 YTD		2021/22 YTD	
						Female	Female as % of Total Trade	Indigenous	Indigenous as % of Total Trade
M									
Machinist	●	366	362	341	348	24	7%	12	3%
Marine Mechanical Technician		60	67	66	67	...	...	7	10%
Marine Service Technician		80	94	72	81	14	17%	6	7%
Meatcutter		115	133	127	120	41	34%	14	12%
Metal Fabricator (Fitter)	●	429	393	369	337	16	5%	28	8%
Mobile Crane Operator	●	82	110	100	113	...	...	15	13%
Mobile Crane Operator - Hydraulic 80 Tonnes And Under		13	15	6	11	-	-	-	-
Motorcycle Mechanic	●	106	111	100	103	12	12%	10	10%
P									
Painter And Decorator	●	390	377	313	266	43	16%	15	6%
Parts And Warehousing Person 1		127	130	111	126	46	37%	7	6%
Partsperson	●	44	36	53	53	29	55%	...	...
Piledriver And Bridgeworker		79	101	131	140	6	4%	15	11%
Plumber	●	3,603	3,613	3,792	3,725	155	4%	222	6%
Powerline Technician	●	165	139	123	155	7	5%	19	12%
Production Horticulturist ⁶		67	...	-	-	-	-	-	-
R									
Recreation Vehicle Service Technician	●	88	91	83	104	13	13%	...	...
Refrigeration And Air Conditioning Mechanic	●	1,194	1,243	1,282	1,401	39	3%	54	4%
Residential Building Maintenance Worker		39	42	28	37	7	19%	30	81%
Residential Steep Roofer		8	...	...	9	-	-	-	-
Roofer (Roofer, Damp And Waterproof)	●	547	571	452	408	16	4%	32	8%
S									
Saw Filer		125	112	112	116	10	9%	12	10%
Security Systems Technician		117	125	138	160	7	4%	11	7%
Sheet Metal Worker	●	907	891	924	937	56	6%	55	6%
Sprinkler Fitter	●	377	672	454	455	13	3%	27	6%
Steamfitter/Pipefitter	●	486	465	438	406	36	9%	43	11%
T									
Tilessetter	●	27	26	20	17	...	...	-	-
Tower Crane Operator	●	28	23	27	22	...	...	...	...
Transport Trailer Technician	●	33	33	26	32	-	-	-	-
Truck And Transport Mechanic	●	783	827	742	681	16	2%	28	4%
U									
Utility Arborist		144	148	137	170	...	...	19	11%
W									
Water Well Driller		-	-	-	-
Welder	●	850	866	788	765	95	12%	100	13%
Grand Total		38,637	39,221	37,074	37,420	3,820	10%	2,913	8%

¹ Trades without apprenticeship registrations in the past 2 fiscal years (2019/20 - 2020/21) 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 Electric Motor System Technician (Winder Electrician) launched a new BC CofQ pathway as of May 1, 2020 and the trade will be de-designated Red Seal on July 31, 2022.

⁶ Production Horticulturist trade has been deactivated as of December 1, 2019.

- 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.