

SKILLED**TRADES**<sup>BC</sup>

# Quarterly Performance Report

2022/23 – FOURTH QUARTER

TO MARCH 31, 2023

*Unlocking*  
OPPORTUNITIES

*Building*  
INCLUSIVITY

*Creating*  
VALUABLE JOURNEYS

**SKILLEDTRADESBC.CA**

## Document Purpose

The SkilledTradesBC's 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 SkilledTradesBC's Annual Report.

SkilledTradesBC'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@skilledtradesbc.ca](mailto:research@skilledtradesbc.ca).

## About SkilledTradesBC

SkilledTradesBC 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. SkilledTradesBC works with its partners to deliver a responsive and inclusive training system, offering apprentices an important entry into a meaningful, long-lasting, and well-paying career.

## Contact

For general information about SkilledTradesBC visit us at [www.skilledtradesbc.ca](http://www.skilledtradesbc.ca) or in-person at 800 – 8100 Granville Avenue, Richmond, B.C., or call SkilledTradesBC'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 3
Table 4	Goal 4: Implement Skilled Trades Certification to help address the demand for skilled trades workers and support more apprentices to completion	Page 4

## PART 2 – APPRENTICESHIPS

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

## PART 3 – SPONSORS

Table 12	Total Active Sponsors	Page 10
Graph 4	Percentage of Sponsors and Apprenticeships by Sponsor Category	Page 10
Graph 5	Trades Ranked by Number of Sponsors (100 and above)	Page 11

**PART 4 – TECHNICAL TRAINING**

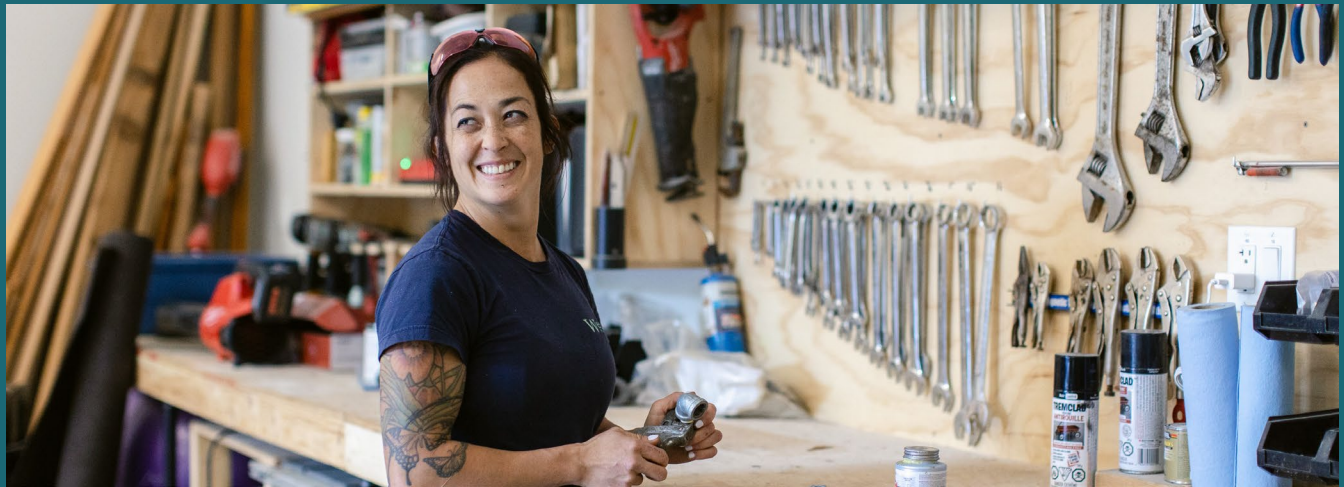
Table 13 Utilization of SkilledTradesBC Allocated Training Seats Page 12

Table 14 Participants in SkilledTradesBC Allocated Programs Page 12

**APPENDIX A – TABLE 15 - APPRENTICESHIPS BY TRADE** Page 13-14

## Part 1 – Strategic and Service Plans

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
Increase of women entering under-represented trades apprenticeships <sup>1</sup>	853	601	782	810	1,072
Increase of Indigenous peoples entering into apprenticeships	1,246	879	1,220	1,240	1,492
Increase the proportionality of women in under-represented trades <sup>2</sup>		5.4%	5.7%	5.8%	6.2%
Increase the proportionality of Indigenous peoples in apprenticeships <sup>2</sup>		7.9%	8.1%	8.0%	8.6%

<sup>1</sup> 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.

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

SkilledTradesBC and its partners are committed to leading a cultural change in British Columbia’s trades training and apprenticeship system. To ensure understanding in SkilledTradesBC’s overall performance related to this change, additional data on women and Indigenous apprentices are available on page 5, table 7 and page 6, 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
Certificates of Qualification issued	7,535	4,631	5,572	5,650	5,329
Certificates of Qualification issued to women	700	396	424	455	406
Certificates of Qualification issued to Indigenous peoples	318	216	280	285	259
Youth participating in skilled trades <sup>1</sup>		7,627	8,825	9,300	10,018

<sup>1</sup> Measure includes youth aged 16-26 who register as an apprentice or enter SkilledTradesBC Work or Train in Trades Programs at any time during the fiscal year.

For additional data on youth participation in SkilledTradesBC programs, including women and Indigenous youth, refer to page 8, 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
Employer sponsor satisfaction with SkilledTradesBC support	82%	81%	81%	≥80%	81%
Apprentice satisfaction with SkilledTradesBC support		81%	81%	≥80%	81%

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
Number of site visits completed by Compliance Officers				Establish Program	Established Program
Number of business days to respond to exam accommodation requests				Establish Data Collection Methods	Established Data Collection Methods
Number of business days to process Trade Qualifier applications				Establish Data Collection Methods	Established Data Collection Methods



## Part 2 - Apprenticeships<sup>1</sup>

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

**TABLE 5 | TOTAL APPRENTICESHIP REGISTRATIONS**

	2019/2020	2020/2021	2021/2022	2022/2023
Total apprenticeships	39,221	37,074	37,850	40,920

**TABLE 6 | NEW APPRENTICESHIP REGISTRATIONS**

	2019/2020	2020/2021	2021/2022	2022/2023
New apprenticeship registrations <sup>1</sup>	13,778	10,465	12,488	15,075

<sup>1</sup> New apprenticeship registrations is a cumulative measure.

**TABLE 7 | WOMEN APPRENTICESHIP REGISTRATIONS**

	2019/2020	2020/2021	2021/2022	2022/2023
Total women apprenticeships	3,815	3,627	3,817	4,227
Total women as % of all apprenticeships	10%	10%	10%	10%
Total women in under-represented trades <sup>1</sup>	2,024	2,019	2,227	2,623
Total women apprenticeships in under-represented trades as % of all women apprenticeships	53%	56%	58%	62%
Total women apprenticeships in under-represented trades as % of all apprenticeships <sup>2</sup>	5%	5%	6%	6%

<sup>1</sup> As of July 31, 2020 under-represented trades exclude any trade where 25% or more of the population are women. For all the years noted above this definition applies.

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

---

<sup>1</sup> 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 SkilledTradesBC's Direct Access system within the last 18 months.

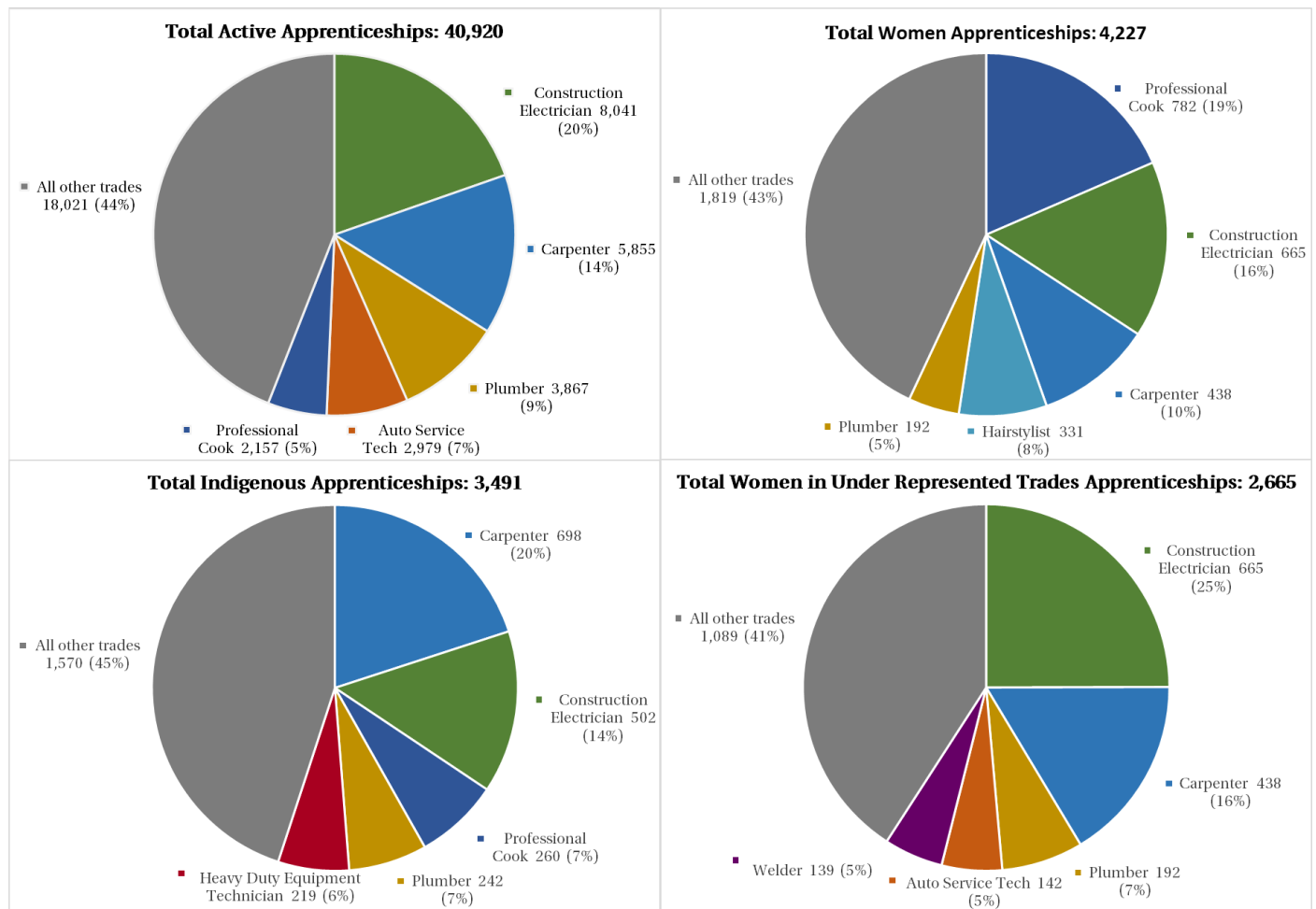
**TABLE 8 | INDIGENOUS APPRENTICESHIP REGISTRATIONS**

	2019/2020	2020/2021	2021/2022	2022/2023
Total Indigenous apprenticeships <sup>1</sup>	3,037	2,738	3,025	3,490
Total Indigenous women apprenticeships	498	463	524	595
Total Indigenous apprenticeships as % of all apprenticeships <sup>2</sup>	8%	7%	8%	9%

<sup>1</sup> Self-identified.

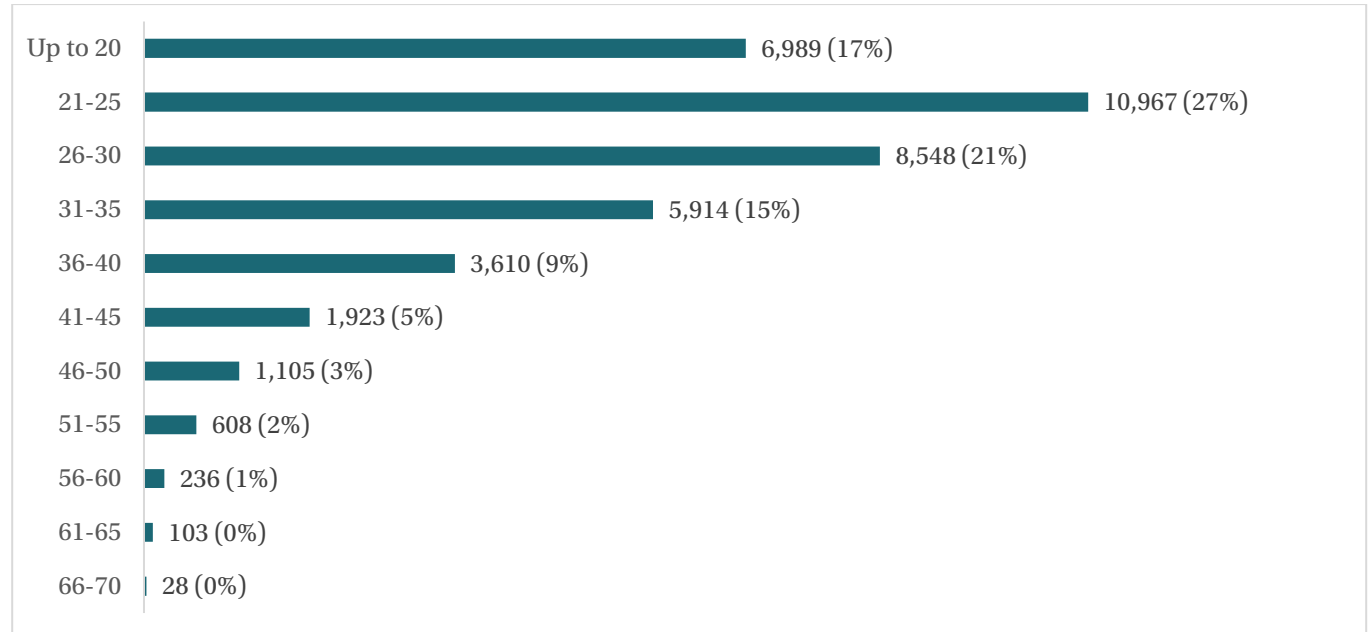
<sup>2</sup> Measure is point in time and includes any apprenticeship active at the end of the reporting period.

**GRAPH 1 | LARGEST FIVE TRADES BY TOTAL APPRENTICESHIP REGISTRATIONS**

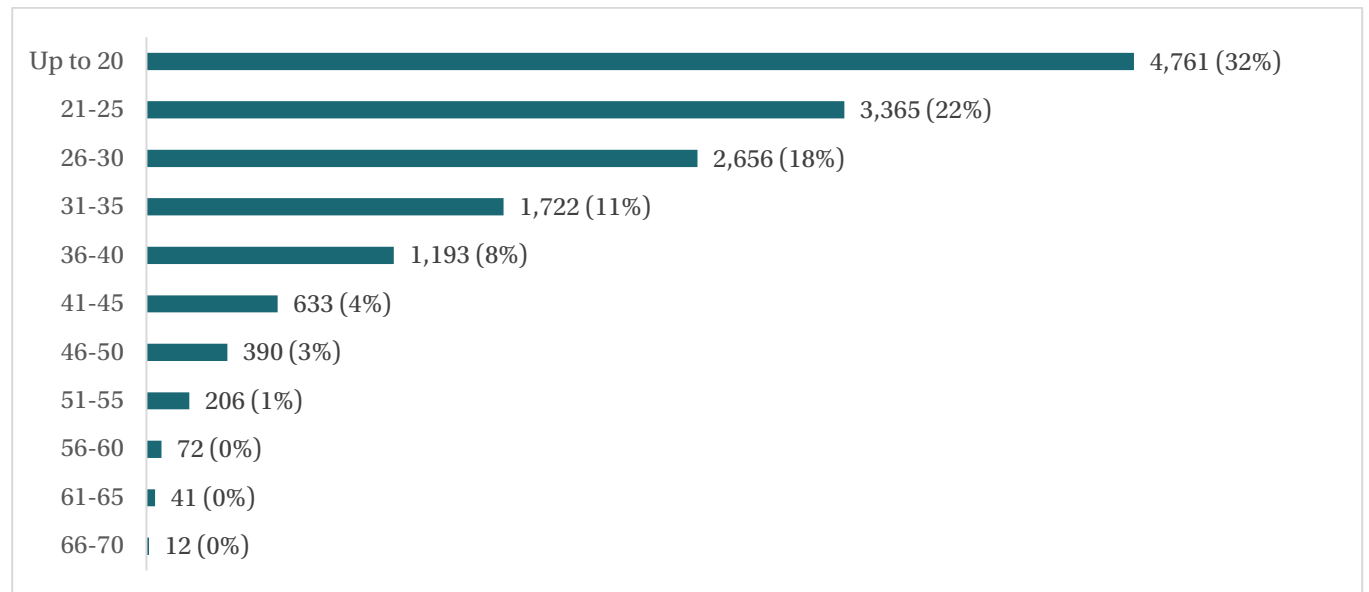


# Apprenticeship Population by Age

**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 Registrations<sup>1</sup> (School Year)

	2019/2020	2020/2021	2021/2022	2022/2023
New youth participation <sup>2</sup>	2,947	2,810	3,096	3,141
New women youth participation	540	504	617	681
New women youth as % of all youth	18%	18%	20%	22%
New women youth participation in under-represented trades <sup>3</sup>	150	140	192	241
New women youth in under-represented trades as % of women youth	28%	28%	31%	35%
New Indigenous youth participation	284	300	372	399
New Indigenous youth participation as % of all youth	10%	11%	12%	13%

<sup>1</sup> New youth registrations is a cumulative measure.

<sup>2</sup> New youth participation includes those participating in SkilledTradesBC Work in Trades or Train in Trades Programs.

<sup>3</sup> As of July 31, 2020 under-represented trades exclude any trade where 25% or more of the population are women. For all the years noted above this definition applies.

TABLE 10 | CONTINUATION FROM FOUNDATION PROGRAMS TO APPRENTICESHIP

	2019/2020	2020/2021	2021/2022	2022/2023
Continuation from foundation programs to apprenticeship <sup>1</sup>	54%	47%	46%	53%

<sup>1</sup> Continuation from foundation programs to apprenticeship measures the percentage of individuals who successfully complete a foundation program and become an apprentice registered with SkilledTradesBC 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 (cohort 2016/2017)
Apprenticeship completion rate <sup>1</sup>	43%	41%	40%	39%

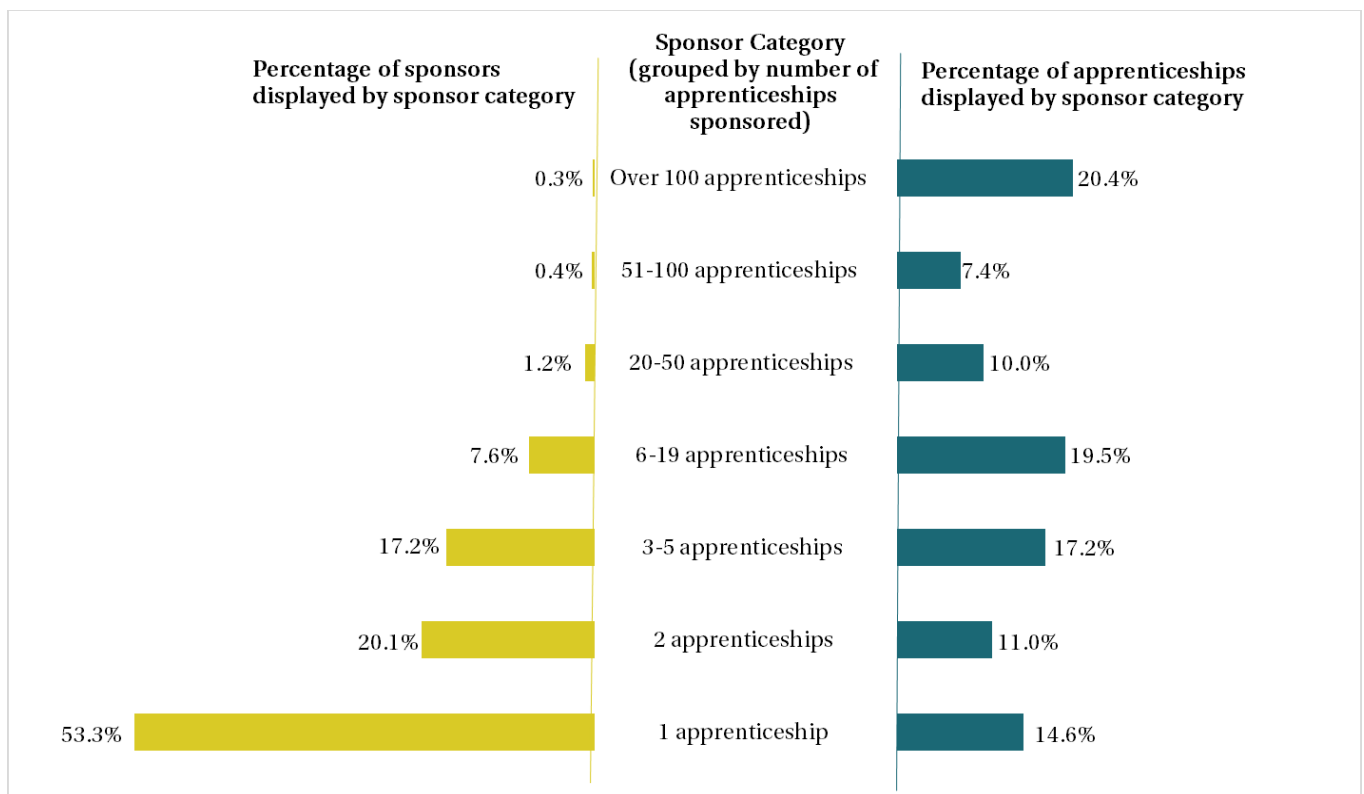
<sup>1</sup> Completion rate is a measure of the number of apprentices who have completed their program and obtained their Certificate of Qualification within 6 years of registration. The completion rate is calculated quarterly and then reported on a cumulative basis throughout the year.

## Part 3 - Sponsors<sup>2</sup>

**TABLE 12 | TOTAL ACTIVE SPONSORS**

	2019/2020	2020/2021	2021/2022	2022/2023
Total active sponsors	10,486	10,023	10,090	10,722

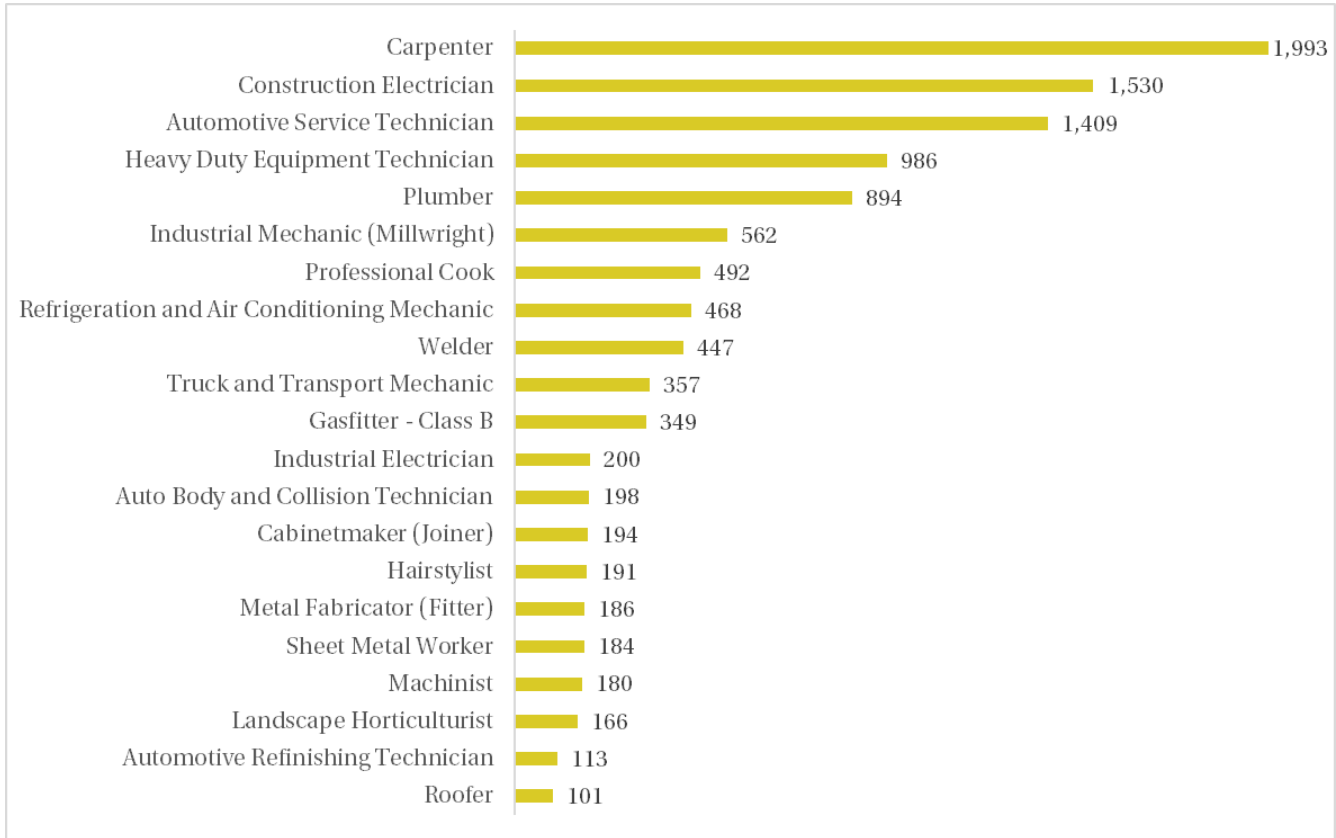
**GRAPH 4 | PERCENTAGE OF SPONSORS AND APPRENTICESHIPS BY SPONSOR CATEGORY<sup>1</sup>**



<sup>1</sup> Several sponsors with over 100 apprenticeships represent training providers (acting as sponsors) and group sponsors (such as employer groups and unions that place apprentices with different employers).

<sup>2</sup> 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 SKILLEDTRADESBC ALLOCATED TRAINING SEATS**

	2019/2020	2020/2021	2021/2022	2022/2023
Capacity utilization <sup>1</sup>	89.6%	77.1%	82.7%	87.7%

<sup>1</sup>Capacity utilization is the percent of SkilledTradesBC 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 SKILLEDTRADESBC ALLOCATED PROGRAMS**

	2019/2020	2020/2021	2021/2022	2022/2023
SkilledTradesBC training seats participants	23,571	20,490	22,065	23,008
Apprenticeship participants	18,860	16,440	17,373	18,176
Foundation participants <sup>1</sup>	4,711	4,050	4,692	4,832

<sup>1</sup>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 (AS OF MARCH 31 EACH YEAR EXCLUDING YEAR TO DATE (YTD))**

Trade <sup>1</sup>	Red Seal	2019/20	2020/21	2021/22	2022/23	2022/23		2022/23	
						2022/23 Women	Women as % of Total Trade	2022/23 Indigenous	Indigenous as % of Total Trade
<b>A</b>									
Aircraft Maintenance Technician		175	161	171	160	15	9%	...	...
Aircraft Structural Technician		49	53	44	46	8	17%	...	...
Appliance Service Technician	●	62	62	64	42	-	-	...	...
Arborist Technician		33	65	58	27	...	...	...	...
Architectural Sheet Metal Worker		245	229	224	288	18	6%	16	6%
Asphalt Paving/Laydown Technician		39	36	26	19	...	...	...	...
Auto Body and Collision Technician <sup>2</sup>	●	442	353	335	393	24	6%	15	4%
Automotive Glass Technician		274	296	276	265	26	10%	12	5%
Automotive Refinishing Technician	●	63	48	159	179	30	17%	...	...
Automotive Refinishing Prep Technician <sup>3</sup>		153	112	14	-	-	-	-	-
Automotive Service Technician	●	2,362	2,317	2,334	2,979	142	5%	171	6%
<b>B</b>									
Baker	●	161	138	140	161	139	86%	11	7%
Boilermaker	●	76	56	70	61	11	18%	...	...
Boom Truck Operator - Folding Boom Unlimited Tonnage		...	...	...	6	-	-	...	...
Boom Truck Operator - Stiff Boom Unlimited Tonnage		...	...	...	...	-	-	-	-
Bricklayer	●	128	113	122	123	7	6%	16	13%
<b>C</b>									
Cabinetmaker (Joiner)	●	337	319	333	361	73	20%	9	2%
Carpenter	●	5,658	5,349	5,601	5,855	438	7%	698	12%
Climbing Arborist		...	...	...	-	-	-	-	-
Concrete Finisher	●	96	69	77	96	...	...	11	11%
Construction Craft Worker (Labourer)	●	121	48	118	121	22	18%	58	48%
Construction Electrician	●	7,577	7,500	7,568	8,041	665	8%	502	6%
Cook <sup>4</sup>	●	2,522	2,202	2,192	2,159	784	36%	260	12%
<b>D</b>									
Dairy Production Technician <sup>5</sup>		113	85	-	-	-	-	-	-
Diesel Engine Mechanic		93	75	56	43	-	-	...	...
Drywall Finisher		79	58	53	55	7	13%	...	...
<b>E</b>									
Embalmer		-	-	-	...	-	-	-	-
Embalmer And Funeral Director		48	50	61	65	52	80%	...	...
<b>F</b>									
Floor Covering Installer	●	47	32	32	38	6	16%	...	...
Funeral Director		9	10	11	17	9	53%	-	-
<b>G</b>									
Gasfitter - Class A		23	24	27	45	...	...	-	-
Gasfitter - Class B		429	432	492	622	28	5%	34	5%
Glazier	●	293	272	310	300	14	5%	35	12%
<b>H</b>									
Hairstylist	●	480	394	358	362	331	91%	38	10%
Heavy Duty Equipment Technician	●	1,736	1,669	1,859	2,093	83	4%	219	10%
Heavy Equipment Operator		191	186	184	262	62	24%	88	34%
<b>I</b>									
Inboard/Outboard Mechanic		...	...	-	-	-	-	-	-
Industrial Electrician	●	326	314	339	345	30	9%	16	5%
Industrial Mechanic (Millwright)	●	1,342	1,266	1,240	1,380	55	4%	118	9%
Instrumentation And Control Technician (Industrial Instrument Mechanic)	●	169	176	179	212	8	4%	14	7%
Insulator (Heat And Frost)	●	335	203	234	229	32	14%	17	7%
Ironworker (Generalist)	●	195	197	191	193	16	8%	37	19%
Ironworker (Reinforcing)	●	301	168	158	131	10	8%	26	20%

Trade <sup>1</sup>	Red Seal	2019/20	2020/21	2021/22	2022/23	2022/23		2022/23	
						2022/23 Women	% of Total Trade	2022/23 Indigenous	% of Total Trade
<b>L</b>									
Landscape Horticulturist	☹	315	340	381	378	166	44%	23	6%
Lather (Interior Systems Mechanic)	☹	248	190	192	211	15	7%	28	13%
Locksmith		13	8	7	13	...	...	-	-
<b>M</b>									
Machinist	☹	362	341	362	365	29	8%	10	3%
Marine Mechanical Technician		67	66	65	71	...	...	9	13%
Marine Service Technician		94	72	98	111	11	10%	22	20%
Meatcutter		133	127	116	116	42	36%	10	9%
Metal Fabricator (Fitter)	☹	393	369	347	365	26	7%	29	8%
Mobile Crane Operator	☹	110	100	125	146	6	4%	16	11%
Mobile Crane Operator - Hydraulic 80 Tonnes And Under		15	6	11	7	-	-	...	...
Motorcycle Technician <sup>6</sup>	☹	111	100	105	120	13	11%	10	8%
<b>P</b>									
Painter And Decorator	☹	377	313	258	250	45	18%	14	6%
Parts And Warehousing Person 1		130	111	130	167	49	29%	18	11%
Partsperson	☹	36	53	46	68	32	47%	6	9%
Piledriver And Bridgeworker		101	131	145	149	7	5%	8	5%
Plumber	☹	3,613	3,792	3,711	3,867	192	5%	242	6%
Powerline Technician	☹	139	123	113	135	...	...	14	10%
<b>R</b>									
Recreation Vehicle Service Technician	☹	91	83	113	119	19	16%	9	8%
Refrigeration And Air Conditioning Mechanic	☹	1,243	1,282	1,471	1,797	63	4%	84	5%
Residential Building Maintenance Worker		42	28	31	18	6	33%	17	94%
Residential Steep Roofer		...	...	9	9	-	-	...	...
Roofer	☹	571	452	417	478	22	5%	57	12%
<b>S</b>									
Saw Filer		112	112	120	127	12	9%	15	12%
Security Systems Technician		125	138	156	148	16	11%	13	9%
Sheet Metal Worker	☹	891	924	955	1,000	66	7%	70	7%
Sprinkler Fitter	☹	672	454	445	458	14	3%	28	6%
Steamfitter/Pipefitter	☹	465	438	421	448	39	9%	69	15%
<b>T</b>									
Tilesetter	☹	26	20	18	11	...	...	-	-
Tower Crane Operator	☹	23	27	22	30	...	...	...	...
Transport Trailer Technician	☹	33	26	39	43	...	...	...	...
Truck And Transport Mechanic	☹	827	742	707	758	27	4%	43	6%
<b>U</b>									
Utility Arborist		148	137	167	171	...	...	20	12%
<b>W</b>									
Water Well Driller		...	...	...	-	-	-	-	-
Welder	☹	866	788	801	955	139	15%	141	15%
Winder Electrician <sup>7</sup>		22	29	25	31	-	-	...	...
<b>Grand Total</b>		<b>39,221</b>	<b>37,074</b>	<b>37,850</b>	<b>40,920</b>	<b>4,227</b>	<b>10%</b>	<b>3,491</b>	<b>9%</b>

<sup>1</sup> Trades without apprenticeship registrations in the past two fiscal years (2020/21 - 2021/22) are not included.

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

<sup>3</sup> *Automotive Refinishing Prep Technician* trade has been deactivated as of October 1, 2022.

<sup>4</sup> *Cook* includes both *Cook* and *Professional Cook*.

<sup>5</sup> *Dairy Production Technician* has been deactivated as of December 31, 2021.

<sup>6</sup> Effective April 1, 2022, *Motorcycle Mechanic* trade is renamed as *Motorcycle Technician*.

<sup>7</sup> *Winder Electrician* (formerly *Electric Motor System Technician (Winder Electrician)*) was de-designated Red Seal on July 31, 2022 and is now a provincial trade.

- 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.