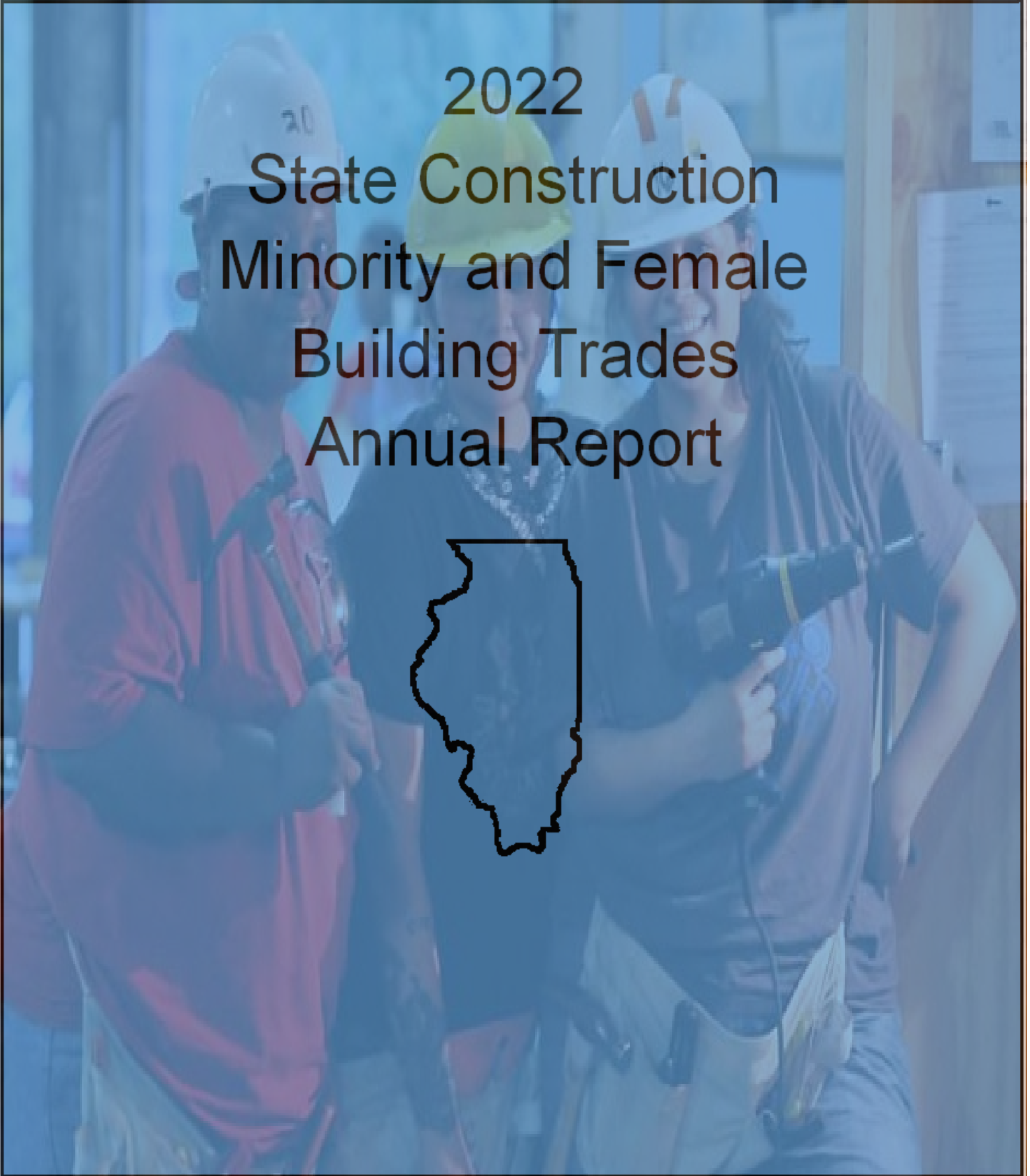




State of Illinois  
Illinois Department of Labor

# 2022 State Construction Minority and Female Building Trades Annual Report



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## **Introduction**

The State Construction Minority and Female building Trades Act (30 ILCS 577) requires the Illinois Department of Labor (Department) to collect data regarding the race, gender, ethnicity, and national origin of apprentices in the construction industry throughout Illinois. In addition, the Department is responsible for publishing and posting on its website an annual report summarizing its findings by March 31<sup>st</sup> of each year.

The 2022 State Construction Minority and Female Building Trades Report is the Department's fourteenth annual report and provides a compilation and summary of data submitted to the Department by building trades apprenticeship programs in Illinois for calendar year 2022. For comparison purposes, 2021 data is included in the tables and charts that appear in some of the findings. The total number of apprentices reported as participating in programs are 12,611.

As reflected in the 2022 report, there were 107 construction apprenticeship programs in Illinois that prepared individuals for employment in the building trades. These programs vary in length from one to eight years and encompass construction apprenticeship programs throughout Illinois.

## **Methodology**

For the 2022 State Construction Minority and Female Building Trades annual report, the Department contacted all known construction apprenticeship programs, including those that had participated in the survey in past years. In response to the Department's survey, 107 apprenticeship programs submitted reports with the requested demographic information. Some apprenticeship programs were confirmed to no longer exist, and other duplicate programs were removed from the survey population.

In order to provide clarification for program coordinators completing Apprenticeship Reporting Forms, as well as to maintain consistency with the US DOL Office of Apprenticeship's registration requirements, the Department used the US DOL Office of Apprenticeship's definitions for the following terms:

- **Race:** American Indian or Alaska Native; Asian; Black or African American; White; Native Hawaiian or other Pacific Islander; or Unknown
- **Gender:** Male or Female
- **Ethnicity:** Hispanic or Latino; not Hispanic or Latino; or Unknown
- **National Origin (country of birth):** United States of America; Other; or Unknown

The Department also collected data on Union Affiliation, length of Apprenticeship Program and Apprenticeship Trade.

## Findings

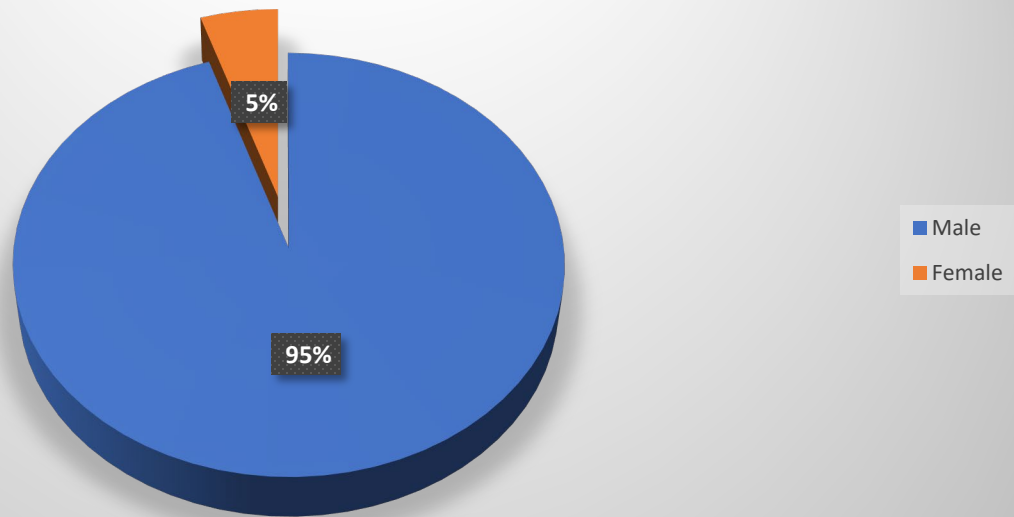
<b>Table 1. Survey Completion and Total Apprentices</b>		
	Year	Year
	2021	2022
Surveys Received	83	107
Total Number of Apprentices Reported in Surveys	9,903	12,611

\* Twenty-four additional apprentice programs were added in 2022 compared with the 83 that reported in 2021. Accordingly, there were 9,903 total apprentices reported in 2021.

**Table 2. Apprentices by Gender**

	Year			Year			Difference		
	2021			2022			2021-2022		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Percentage of Apprentices by Gender (Based on yearly total)	95%	5%	100%	95%	5%	100%	0%	0%	0%

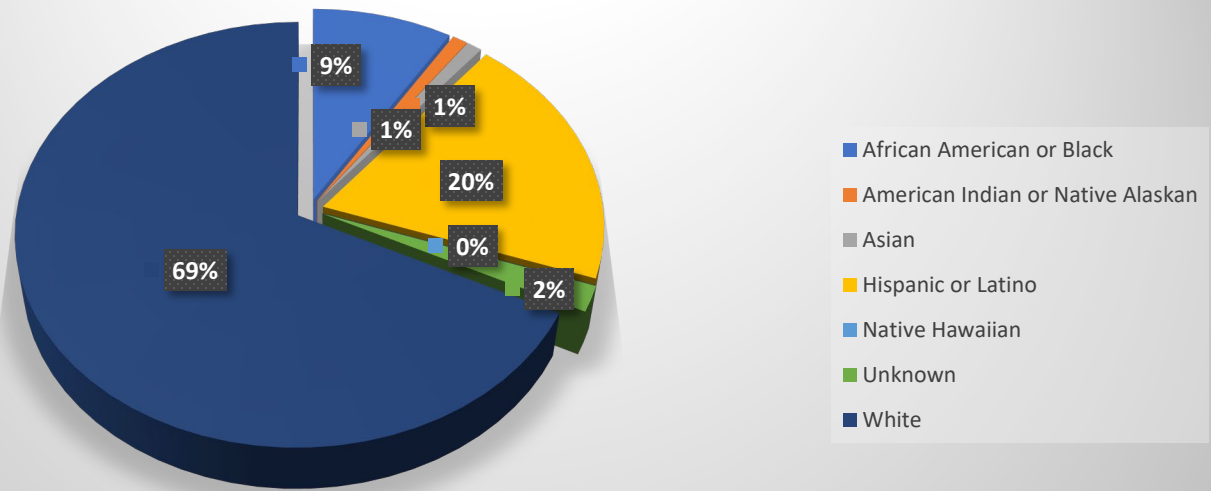
**2022 - Apprentices by Gender**



**Table 3. Apprentices by Race and Ethnicity**

Year		African American or Black	American Indian or Native Alaskan	Asian	Hispanic or Latino	Native Hawaiian	Unknown	White
2021	Total Percentage of Apprentices (Based on yearly total)	9%	0%	1%	17%	0%	2%	71%
2022	Total Percentage of Apprentices (Based on yearly total)	9%	1%	1%	20%	0%	2%	69%
Difference in Number of Apprentices		0%	1%	0%	3%	0%	0%	-2%

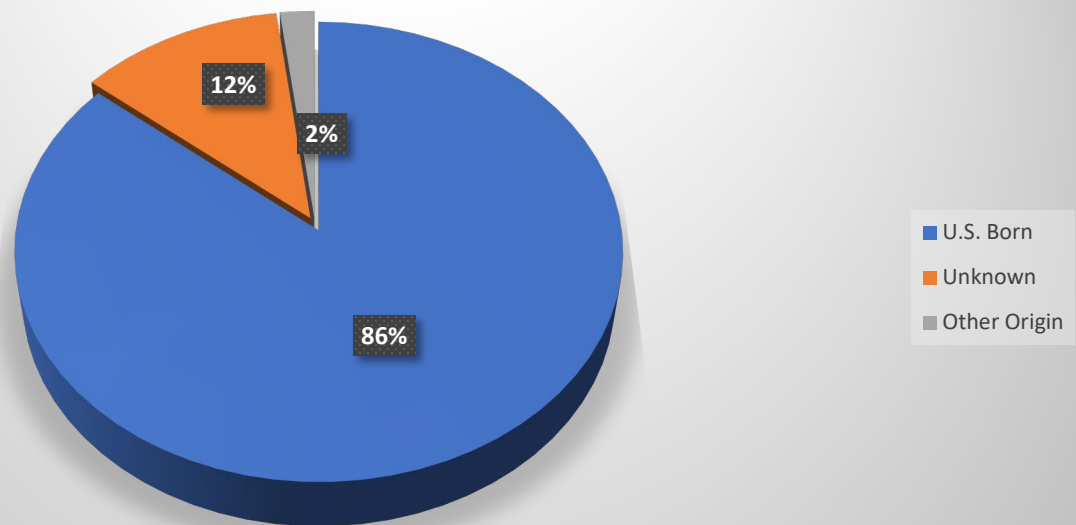
**2022 - Apprentices by Race**



**Table 4. Apprentices by National Origin**

Year:		U.S. Born	Unknown	Other Origin	Total
2021	Percentage of Apprentices by National Origin (Based on yearly total)	80%	18%	2%	100%
2022	Percentage of Apprentices by National Origin (Based on yearly total)	86%	12%	2%	100%
Difference in Number of Apprentices		6%	-6%	0%	0%

**2022 - Apprentices by National Origin**

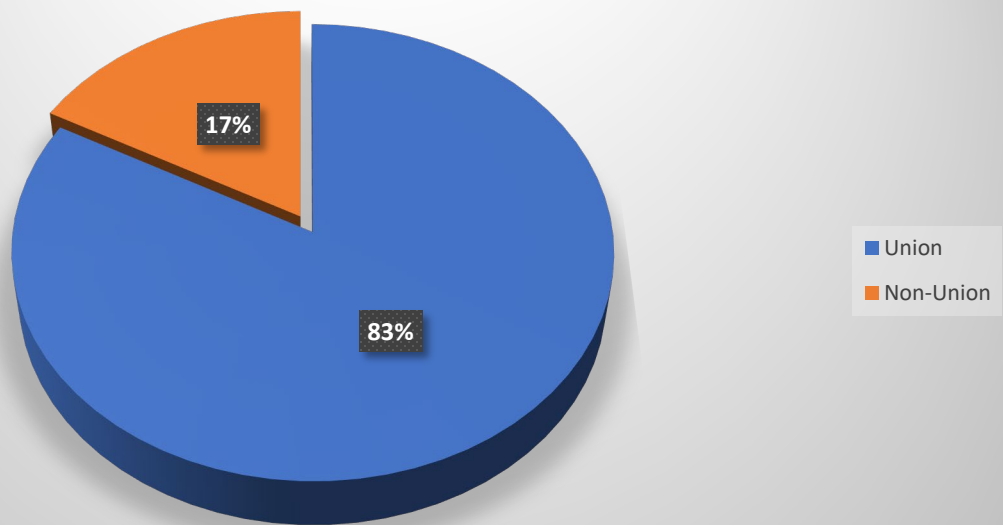




**Table 5. Apprenticeship Programs by Union Affiliation**

Year:		Union	Non-Union	Total
2021	Percentage of Apprenticeship Programs by Union Affiliation (Based on yearly total)	78%	22%	100%
2022	Percentage of Apprenticeship Programs by Union Affiliation (Based on yearly total)	83%	17%	100%
Difference in Number of Apprenticeship Programs		.05%	-.05%	0%

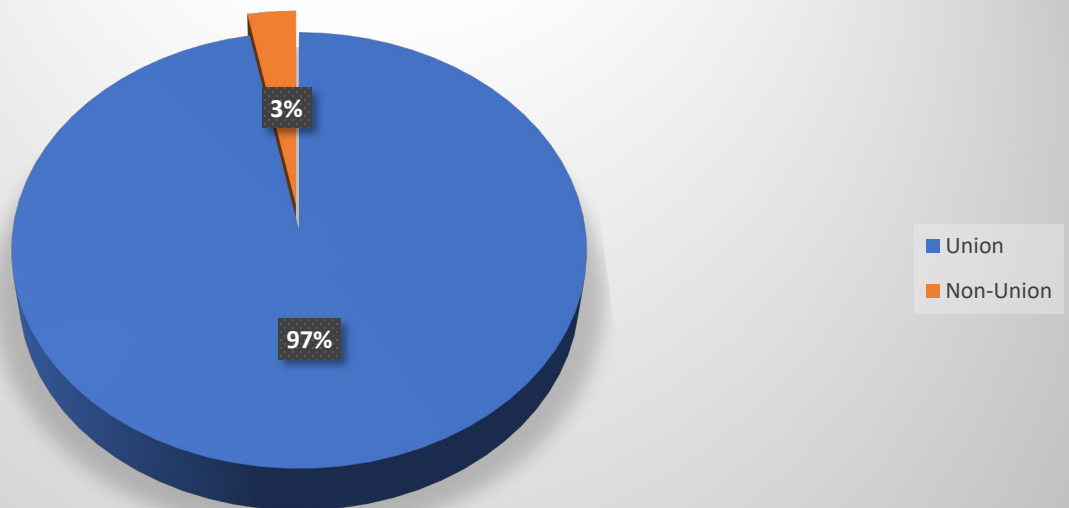
**2022 - Apprenticeship Programs by Union Affiliation**



**Table 6. Apprentices by Union Affiliation**

Year:		Union	Non-Union	Total
2021	Percentages of Apprentices by Union Affiliation (Based on yearly total)	96%	4%	100%
2022	Percentages of Apprentices by Union Affiliation (Based on yearly total)	97%	3%	100%
Difference in Number of Apprentices		1%	-1%	0%

**2022 - Apprentices by Union Affiliation**

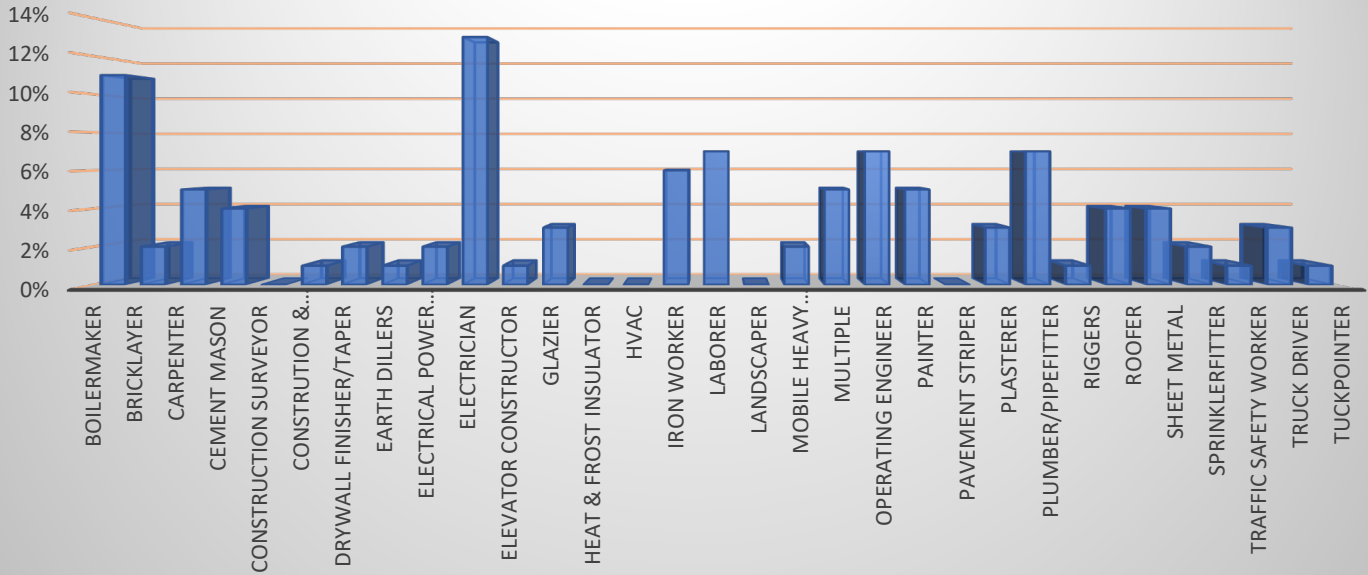


**Table 7. Apprenticeship Programs by Trade**

Programs by Trade (Based on yearly total)	Number of Programs	*Percentage of Programs
Boilermaker	12	11%
Bricklayer	2	2%
Carpenter	5	5%
Cement Mason	4	4%
Construction Surveyor	0	0%
Construction & Building Inspector	1	1%
Drywall Finisher/Taper	2	2%
Earth Drillers	1	1%
Electrical Power Lineman	2	2%
Electrician	14	13%
Elevator Constructor	1	1%
Glazier	3	3%
Heat & Frost Insulator	0	0%
HVAC	0	0%
Iron Worker	6	6%
Laborer	8	7%
Landscaper	0	0%
Mobile Heavy Equipment Mechanic	2	2%
Multiple	5	5%
Operating Engineer	7	7%
Painter	5	5%
Pavement Striper	0	0%
Plasterer	3	3%
Plumber/Pipefitter	8	7%
Riggers	1	1%
Roofer	4	4%
Sheet Metal	4	4%
Sprinkler fitter	2	2%
Traffic Safety Worker	1	1%
Truck Driver	3	3%
Tuck pointer	1	1%

\* The percentage column was calculated by taking the number of programs that responded in the trade classification and dividing it by the total number of apprenticeship programs that responded to our survey (107). The percentage does not necessarily indicate compliance, as some trades may have larger programs, while others smaller. Our percentages are rounded up in some cases, but it adds up to approximately 100%.

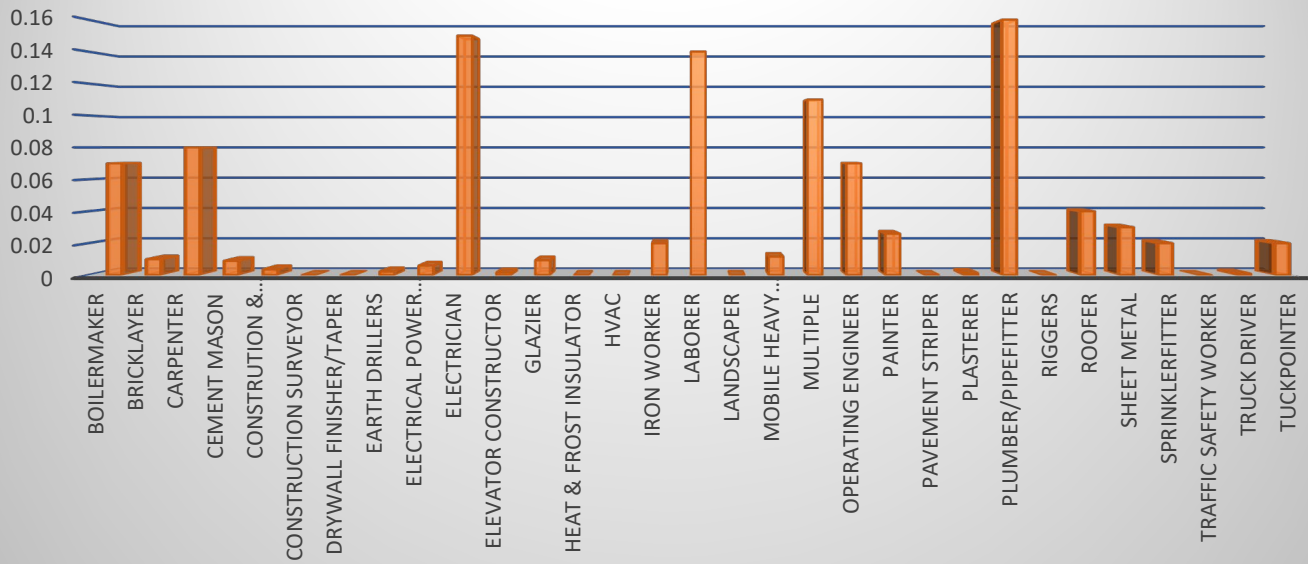
**Table 7: Programs by Trade Chart**



<b>Table 8. Apprentices by Trade</b>		
Apprentices by Trade (Based on yearly total)	Number of Apprentices	*Percentage of Apprentices
Boilermaker	866	7%
Bricklayer	64	1%
Carpenter	991	8%
Cement Mason	179	1%
Construction & Building Inspector	51	0%
Construction Surveyor	0	0%
Drywall Finisher/Taper	35	0%
Earth Drillers	31	0%
Electrical Power Lineman	72	1%
Electrician	1953	15%
Elevator Constructor	25	0%
Glazier	92	1%
Heat & Frost Insulator	0	0%
HVAC	0	0%
Iron Worker	260	2%
Laborer	1758	14%
Landscaper	0	0%
Mobile Heavy Equipment Mechanic	112	1%
Multiple	1391	11%
Operating Engineer	896	7%
Painter	320	3%
Pavement Stripper	0	0%
Plasterer	24	0%
Plumber/Pipefitter	2048	16%
Riggers	14	0%
Roofer	559	4%
Sheet Metal	363	3%
Sprinkler fitter	224	2%
Traffic Safety Worker	3	0%
Truck Driver	12	0%
Tuck pointer	268	2%

\* The percentage column was calculated by taking the number of apprentices that were reported by programs that responded in the trade classification and dividing it by the total number apprentices reported by all apprenticeship programs that responded to our survey (12,611). The percentage does not necessarily indicate compliance, as some trades may have larger programs, while others smaller. Our percentages are rounded up in some cases, but it adds up to approximately 100%.

**Table 8: Apprentices by Trade Chart**



<b>Table 9. Apprenticeship Programs - Length of Program</b>		
(noted in number of months)	2021	2022
Average Program Length	44	44
Shortest Program Length	4	5
Longest Program Length	72	72