



State of Illinois
Illinois Department of Labor

2021
State Construction
Minority and Female
Building Trades
Annual Report



Table of Contents

Introduction3

Methodology4

Findings5

Table 1: Apprentices by Gender.....5

Table 2: Apprentices by Race and Ethnicity.....6

Table 3: Apprentices by National Origin.....7

Table 4: Apprenticeship Programs: Union or Non-Union.....8

Table 5: Apprentices: Union or Non-Union.....9

Table 6: Apprenticeship Programs by Trade.....10

Table 7: Apprenticeship Programs by Trade Chart.....11

Table 8: Apprentices by Trade.....12

Table 9: Apprentices by Trade Chart.....13

Table 10: Apprenticeship programs by Length of Programs.....14

Introduction

The State Construction Minority and Female building Trades Act (30 ILCS 577), created by Public Act 96-0037, 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 31st of each year.

The 2021 State Construction Minority and Female Building Trades Report is the Department's thirteenth annual report and provides a compilation and summary of data submitted to the Department by building trades apprenticeship programs in Illinois for calendar year 2021. For comparison purposes, 2020 data is included in the tables and charts that appear in some of the findings. In addition, the total number of apprentices reported as participating in programs are 9,903.

As reflected in the 2021 report, there were 83 construction apprenticeship programs in Illinois that prepared individuals for employment in the building trades. These programs vary in length from one to six years and encompass construction apprenticeship programs throughout Illinois.

Methodology

For the 2021 State Construction Minority and Female Building Trades annual report, the Department contacted many of the construction apprenticeship programs that have participated in the past. The Department confirmed which programs are no longer in existence and duplicate programs were removed from the survey population upon notification and discovery. In response to the Department's contact, 83 apprenticeship programs submitted reports with the requested demographic information. The total apprentices counted were 9,903.

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. The Department received 83 surveys, with 9,903 apprentices in total.

Findings

Table 1. Apprentices by Gender

	Year			Year			Difference		
	2020			2021			2020-2021		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Percentage of Apprentices by Gender (Based on yearly total)	96%	4%	100%	95%	5%	100%	-1%	1%	0%

2021 - Apprentices by Gender

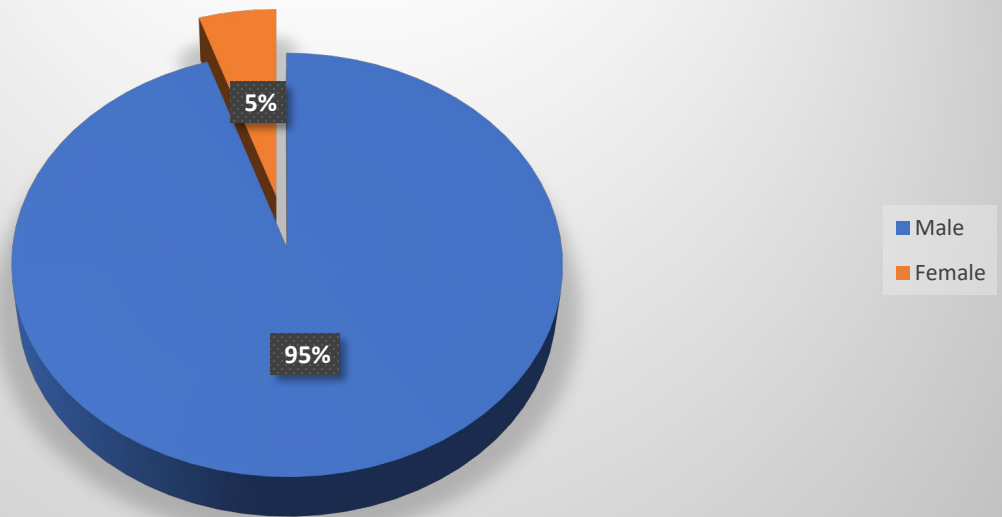


Table 2. Apprentices by Race and Ethnicity

Year		African American or Black	American Indian or Native Alaskan	Asian	Hispanic or Latino	Native Hawaiian	Unknown	White
2020	Total Percentage of Apprentices (Based on yearly total)	9%	<1%	1%	19%	<1%	2%	68%
2021	Total Percentage of Apprentices (Based on yearly total)	9%	<1%	1%	17%	<1%	2%	71%
Difference in Number of Apprentices		0%	-1%	0%	-2%	0%	0%	4%

2021 - Apprentices by Race

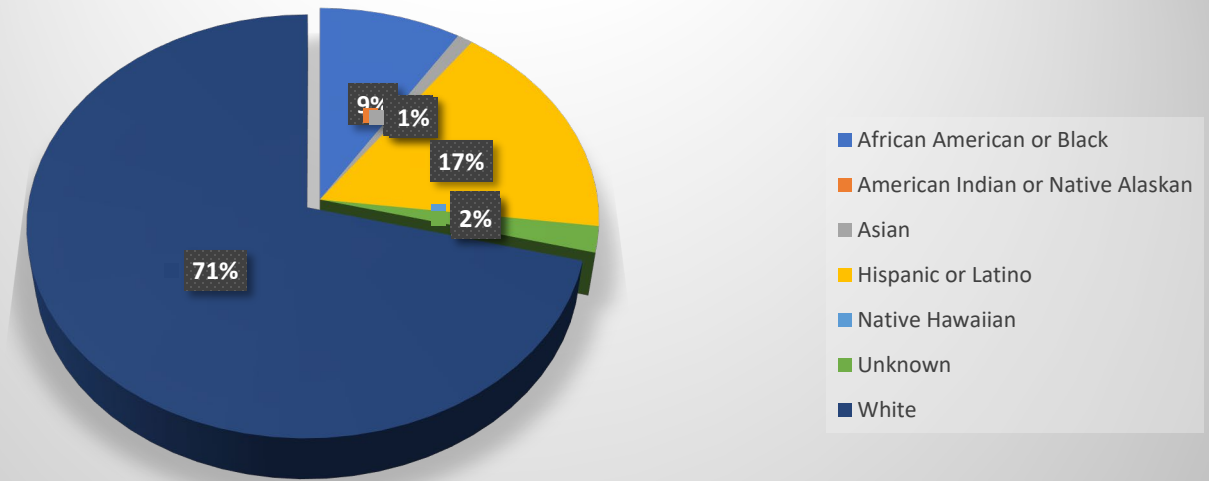


Table 3. Apprentices by National Origin

Year:		U.S. Born	Unknown	Other Origin	Total
2020	Percentage of Apprentices by National Origin (Based on yearly total)	80%	18%	2%	100%
2021	Percentage of Apprentices by National Origin (Based on yearly total)	84%	9%	6%	100%
Difference in Number of Apprentices		4%	-9%	4%	0%

2021 - Apprentices by National Origin

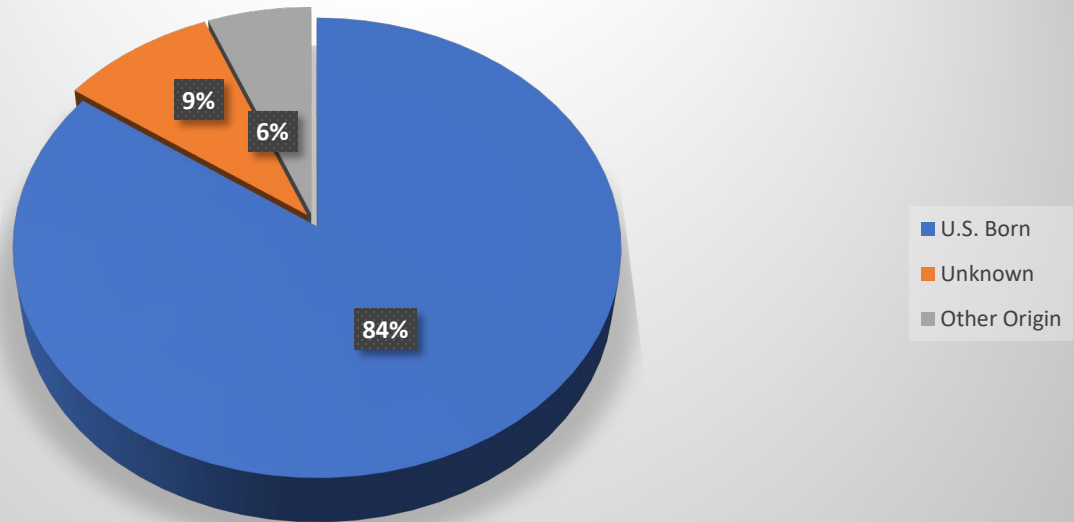


Table 4. Apprenticeship Programs by Union Affiliation

Year:		Union	Non-Union	Total
2020	Percentage of Apprenticeship Programs by Union Affiliation (Based on yearly total)	78%	22%	100%
2021	Percentage of Apprenticeship Programs by Union Affiliation (Based on yearly total)	78%	22%	100%
Difference in Number of Apprenticeship Programs		0%	0%	0%

2021 - Apprenticeship Programs by Union Affiliation

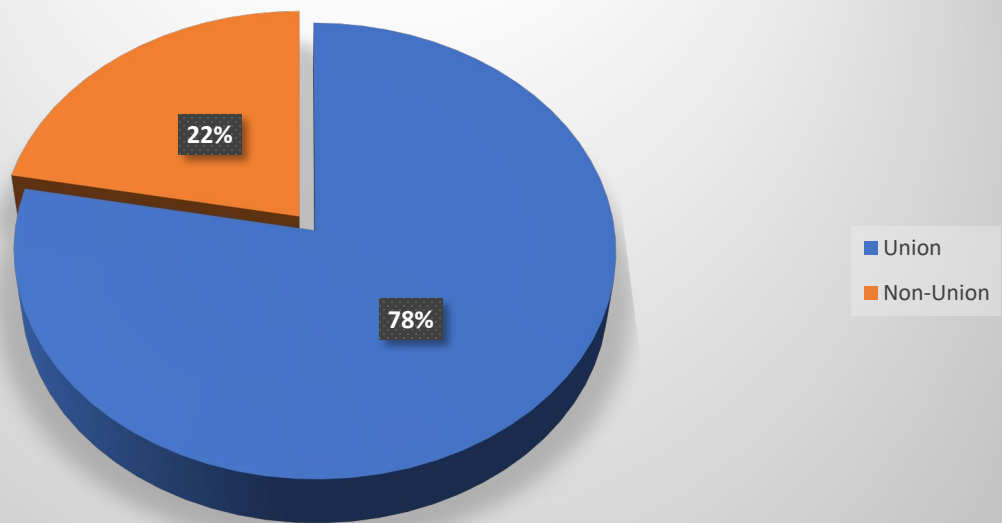


Table 5. Apprentices by Union Affiliation

Year:		Union	Non-Union	Total
2020	Percentages of Apprentices by Union Affiliation (Based on yearly total)	97%	3%	100%
2021	Percentages of Apprentices by Union Affiliation (Based on yearly total)	96%	4%	100%
Difference in Number of Apprentices		1%	-1%	0%

2021 - Apprentices by Union Affiliation

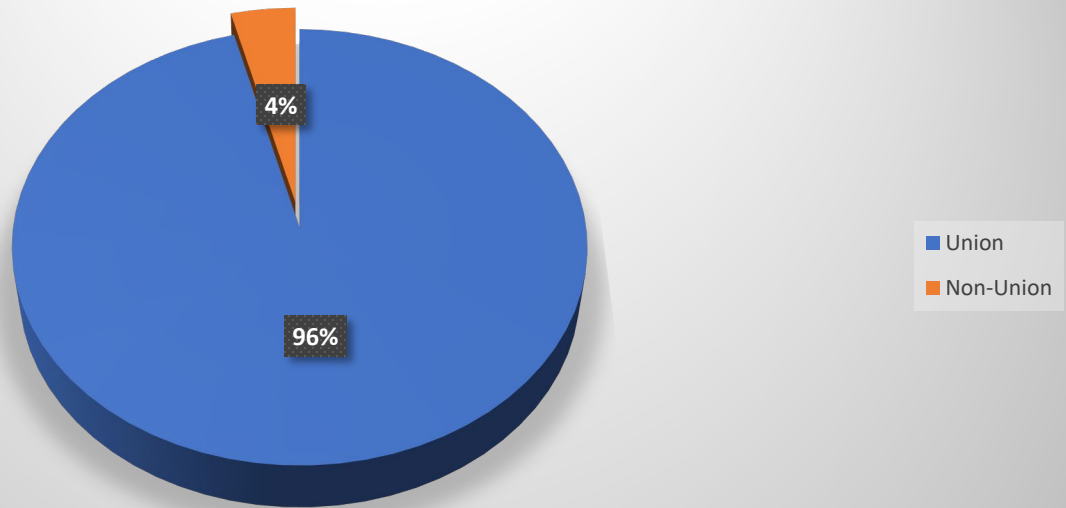


Table 6. Apprenticeship Programs by Trade

Programs by Trade (Based on yearly total)	Number of Programs	*Percentage of Programs
Boilermaker	4	5%
Bricklayer	2	2%
Carpenter	6	7%
Cement Mason	4	5%
Construction Surveyor	0	0%
Construction & Building Inspector	1	1%
Drywall Finisher/Taper	4	5%
Earth Drillers	1	1%
Electrical Power Lineman	1	1%
Electrician	15	18%
Elevator Constructor	1	1%
Glazier	3	4%
Heat & Frost Insulator	1	1%
HVAC	1	1%
Iron Worker	6	7%
Laborer	3	4%
Landscaper	0	0%
Mobile Heavy Equipment Mechanic	1	1%
Multiple	2	2%
Operating Engineer	5	6%
Painter	5	6%
Pavement Striper	1	1%
Plasterer	2	2%
Plumber/Pipefitter	6	7%
Riggers	0	0%
Roofer	1	1%
Sheet Metal	3	4%
Sprinkler fitter	0	0%
Traffic Safety Worker	0	0%
Truck Driver	0	0%
Tuck pointer	4	5%

* 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 (83). 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

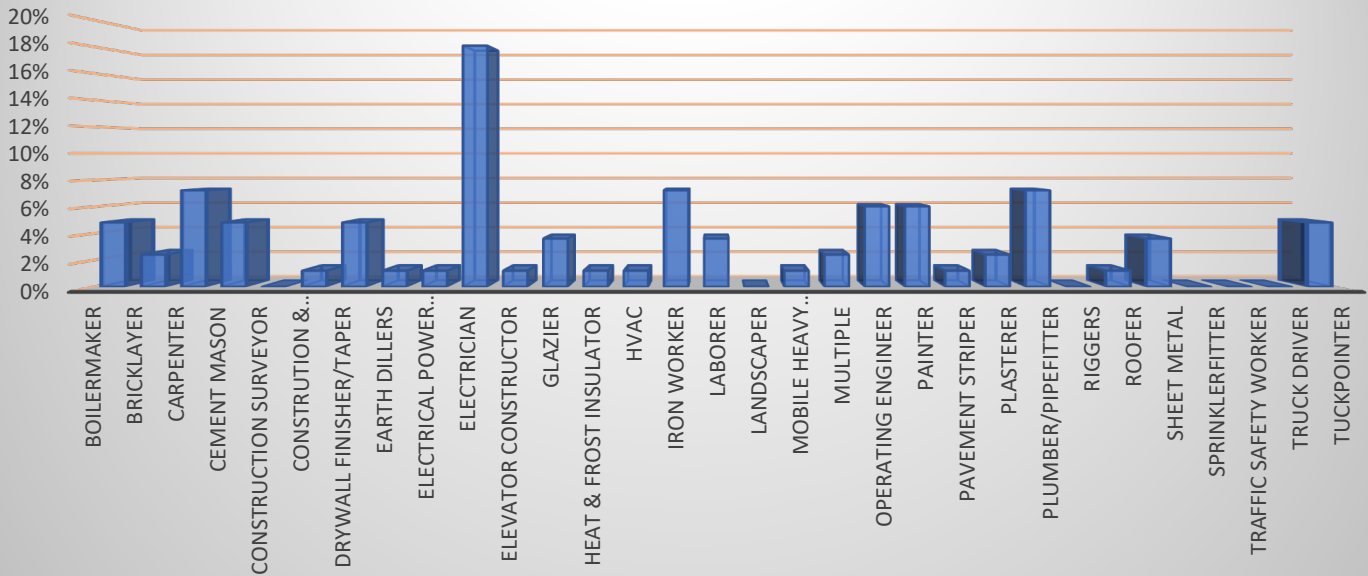


Table 8. Apprentices by Trade		
Apprentices by Trade (Based on yearly total)	Number of Apprentices	*Percentage of Apprentices
Boilermaker	331	3%
Bricklayer	10	0%
Carpenter	2458	25%
Cement Mason	89	1%
Construction & Building Inspector	36	0%
Construction Surveyor	0	0%
Drywall Finisher/Taper	96	1%
Earth Drillers	23	0%
Electrical Power Lineman	59	1%
Electrician	1944	20%
Elevator Constructor	17	0%
Glazier	93	1%
Heat & Frost Insulator	78	1%
HVAC	0	0%
Iron Worker	299	3%
Laborer	799	8%
Landscaper	0	0%
Mobile Heavy Equipment Mechanic	115	1%
Multiple	326	3%
Operating Engineer	822	8%
Painter	257	3%
Pavement Striper	0	0%
Plasterer	13	0%
Plumber/Pipefitter	1808	18%
Riggers	0	0%
Roofer	25	0%
Sheet Metal	195	2%
Sprinkler fitter	0	0%
Traffic Safety Worker	0	0%
Truck Driver	10	0%
Tuck pointer	0	0%

* 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 (9,903). 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 9: Apprentices by Trade Chart

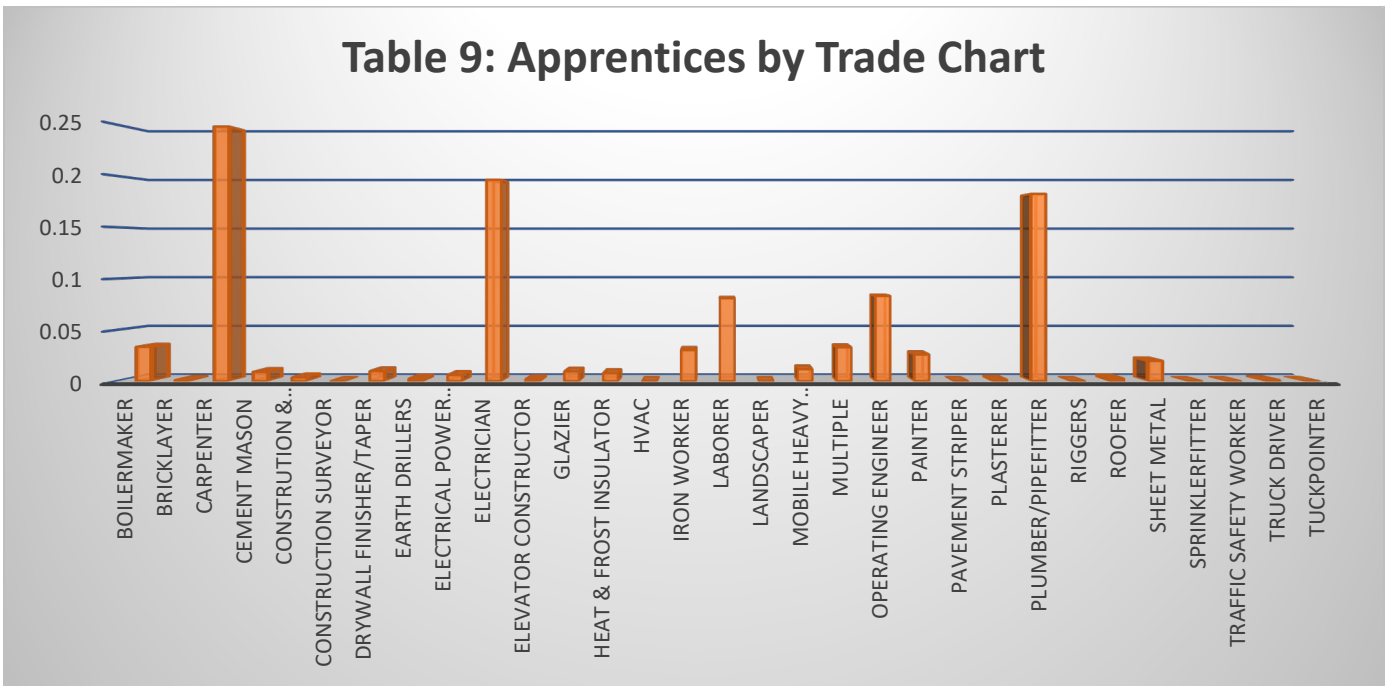


Table 10. Apprenticeship Programs - Length of Program

Table 10. Apprenticeship Programs - Length of Program		
(noted in number of months)	2020	2021
Average Program Length	48	44
Shortest Program Length	12	4
Longest Program Length	72	72