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# Introduction

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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 1st of each year.

The 2017 State Construction Minority and Female Building Trades Report, the Department's ninth annual report, provides a compilation and summary of data submitted to the Department by building trades apprenticeship programs in Illinois for calendar year 2017.

As reflected in the 2017 report, there were responses from 123 construction apprenticeship programs in Illinois that prepared individuals for employment in the building trades. These programs vary in length from one month to 5 years.

The Department's administrative rules outlining the procedures for submission of demographic information can be found at the following link:

<http://www.ilga.gov/commission/jcar/admincode/056/05600270sections.html>

# Methodology

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For the 2017 State Construction Minority and Female Building Trades annual report, the Department mailed a reminder to all of the construction apprenticeship programs that participated in the survey in 2016. Programs confirmed as no longer in existence and duplicate programs were removed from the survey population upon notification from program coordinators.

This year, the Department collected the following demographic information:

1. Race and Ethnicity: American Indian or Alaska Native, Asian, Black or African American, Hispanic or Latino, White, Native Hawaiian or other Pacific Islander, or Unknown
2. Gender: Male or Female
3. 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

Table 1 Surveys Received and Total Apprentices

RESPONSES	2011	2012	2013	2014	2015	2016	2017
Surveys Received	153	137	132	138	188	188	123
Total Number of Apprentices Reported in Surveys	11,021	9,899	8,642	10,983	11,679	13,902	10,554

Table 2 Apprentices by Gender

GENDER	Percentage	Totals
Female	4.0%	459
Male	96%	10,095

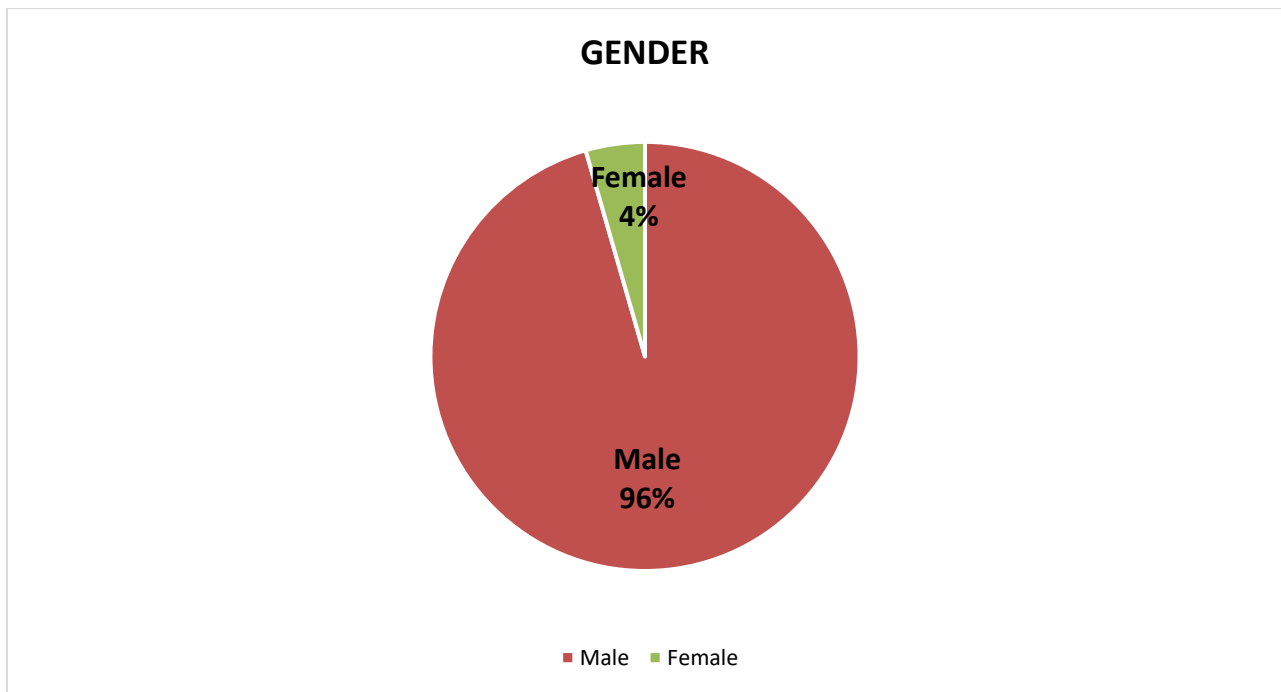
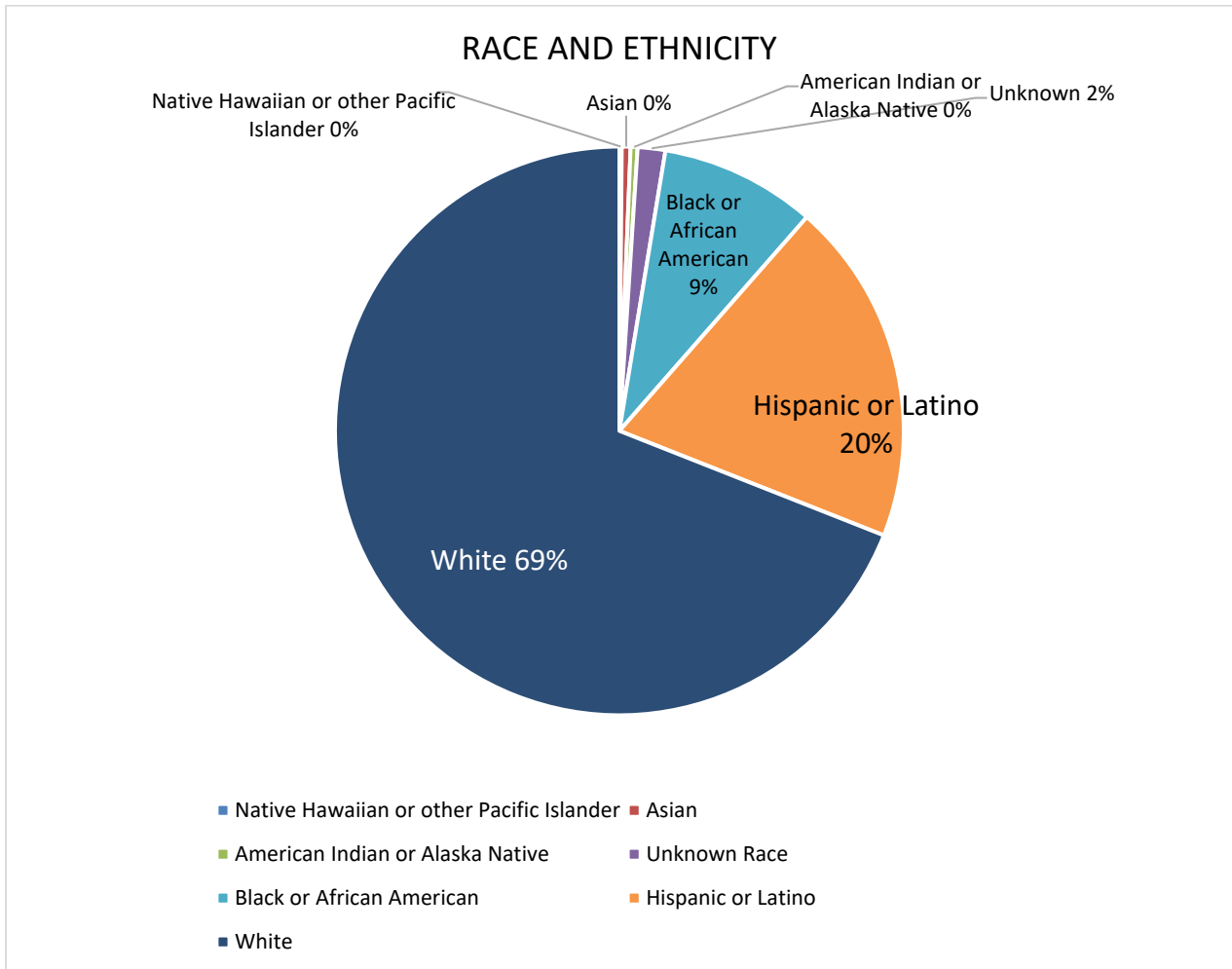


Table 3 Apprentices by Race and Ethnicity<sup>1</sup>

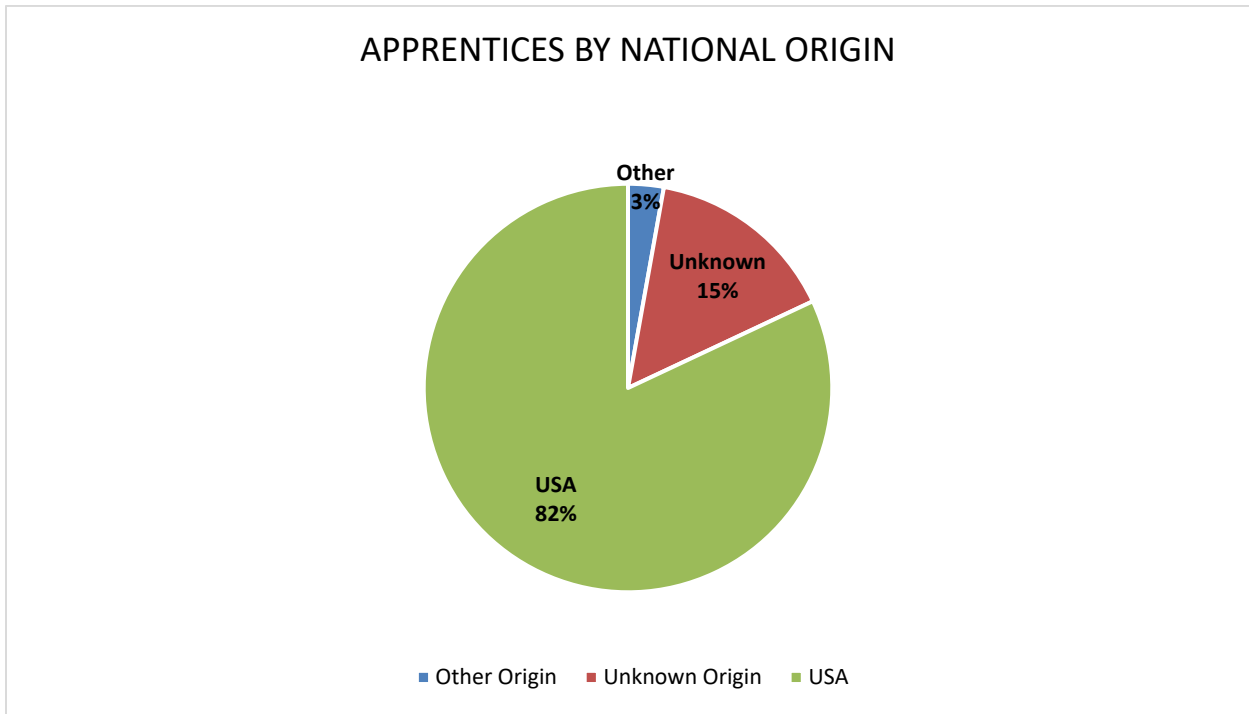
RACE AND ETHNICITY	Percentage	Totals
<b>Native Hawaiian or other Pacific Islander</b>	<1%	14
<b>Asian</b>	<1%	53
<b>American Indian or Alaska Native</b>	<1%	42
<b>Unknown Race</b>	2%	167
<b>Black or African American</b>	9%	943
<b>Hispanic or Latino</b>	20%	2,078
<b>White</b>	69%	7,342



<sup>1</sup> The sum of number of apprentices by race and ethnicity is greater than the total number of apprentices because individuals may identify as more than one race and/or ethnicity. Percentages in the table reflect the number of apprentices as a function of the total number of apprentices.

Table 4 Apprentices by National Origin<sup>2</sup>

NATIONAL ORIGIN	Percentage	Totals
Other Origin	3%	261
Unknown Origin	15%	1,406
USA	82%	7,587



<sup>2</sup> The sum of number of apprentices by national origin is less than the total number of apprentices because this information is not collected by all employers. Percentages in the table reflect the number of apprentices as reported for this category.

Table 5 Apprenticeship Programs: Union or Nonunion

<b>PROGRAMS BY UNION STATUS</b>	<b>Percentage</b>	<b>Totals</b>
<b>Union</b>	80%	98
<b>Nonunion</b>	20%	25

Table 6 Apprentices: Union or Nonunion

<b>APPRENTICES BY UNION STATUS</b>	<b>Percentage</b>	<b>Totals</b>
<b>Union</b>	96%	10,154
<b>Nonunion</b>	4%	400

Table 7 Apprenticeship Programs by Trade

PROGRAMS BY TRADES	
BOILERMAKER	4
BRICKLAYER	2
CARPENTER	5
CEMENT MASON	8
CONSTRUCTION AND BUILDING INSPECTORS	1
DRYWALL FINISHER/TAPER	3
EARTH DRILLERS (Except Oil and Gas)	1
ELECTRICAL POWER LINEMAN	3
ELECTRICIAN	22
ELEVATOR CONSTRUCTOR	2
GLAZIER	3
IRON WORKER	11
LABORER	6
LANDSCAPER	1
MOBILE HEAVY EQUIPMENT MECHANIC	1
MULTIPLE	4
OPERATING ENGINEER	8
PAINTER	5
PLASTERER	4
PLUMBER/PIPEFITTER	12
RIGGERS	1
ROOFER	4
SHEET METAL	5
TRAFFIC SAFETY WORKER	2
TRUCK DRIVER	5
TUCK POINTER	1



Table 8 Apprentices by Trade

APPRENTICES BY TRADE	
BOILERMAKER	195
BRICKLAYER	91
CARPENTER	2034
CEMENT MASON	165
CONSTRUCTION AND BUILDING INSPECTORS	30
DRYWALL FINISHER/TAPER	65
EARTH DRILLERS (Except Oil and Gas)	17
ELECTRICAL POWER LINEMAN	429
ELECTRICIAN	554
ELEVATOR CONSTRUCTOR	347
GLAZIER	97
HEAT AND FROST INSULATOR	163
HVAC	9
IRON WORKER	539
LABORER	718
LANDSCAPER	0
MOBILE HEAVY EQUIPMENT MECHANIC	84
MULTIPLE	1151
OPERATING ENGINEER	661
PAINTER	345
PAVEMENT STRIPER	0
PLASTERER	37
PLUMBER/PIPEFITTER	1904
RIGGERS	18
ROOFER	575
SHEET METAL	344
SPRINKLERFITTER	0
TRAFFIC SAFETY WORKER	2
TRUCK DRIVER	15
TUCK POINTER	137

Table 9 Apprenticeship Programs by Length

<b>LENGTH (MONTHS)</b>	
<b>Shortest Program</b>	1
<b>Average Program Length</b>	42.46
<b>Longest Program</b>	60