

# Wisconsin Registered Apprenticeship Report

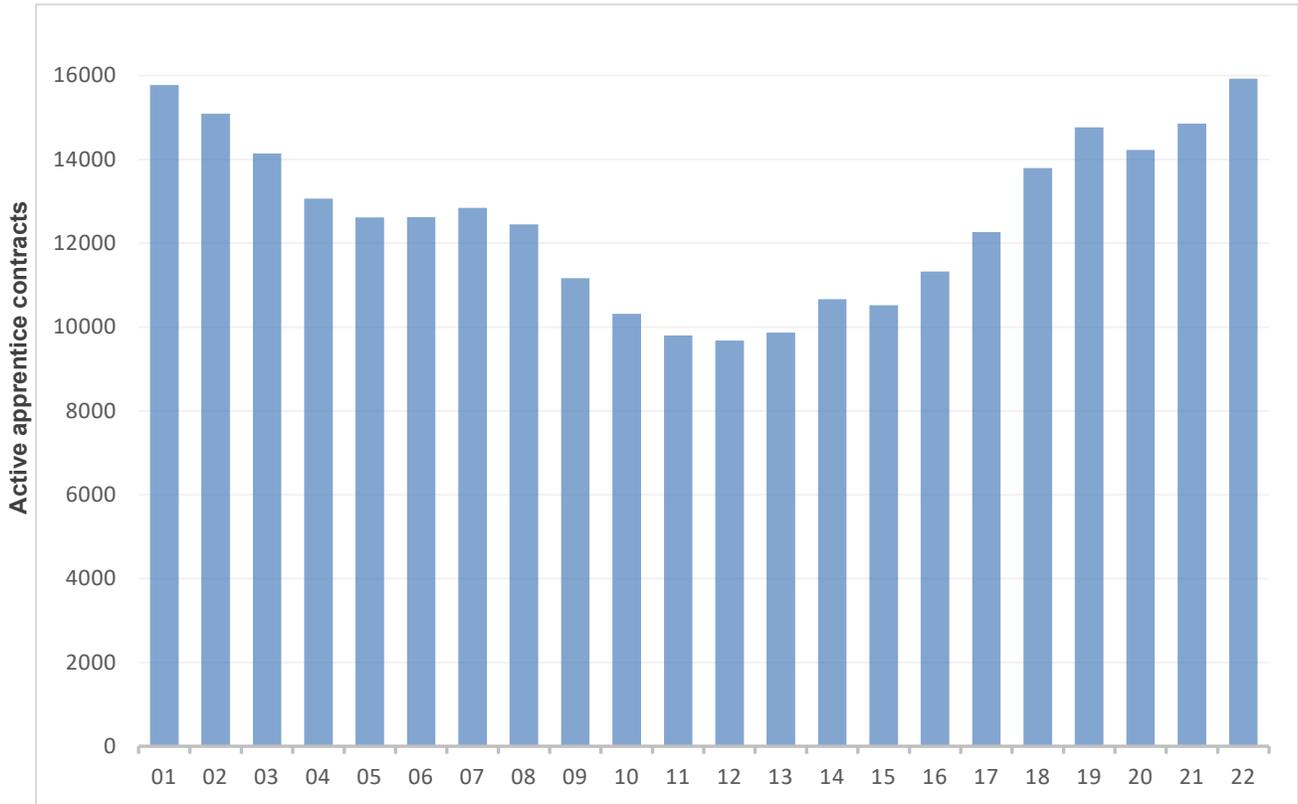
\*\*\*

*Jan. 1 – Dec. 31, 2022*

<b><u>Table of Contents</u></b>	<b><u>Page</u></b>
Apprenticeship Overview	2
Sector Trends	4
Emerging Sectors	5
Top Occupations	6
Minority and Female Participation	7

## State Apprenticeship Participation

In 2022, active registered apprenticeship contracts rose to an all-time high, surpassing 15,900 apprentices and eclipsing the previous high-water mark set in 2001. Save for 2015 and 2020 (coronavirus pandemic), apprenticeship contracts in Wisconsin have increased each year since 2012.



### Active Contracts

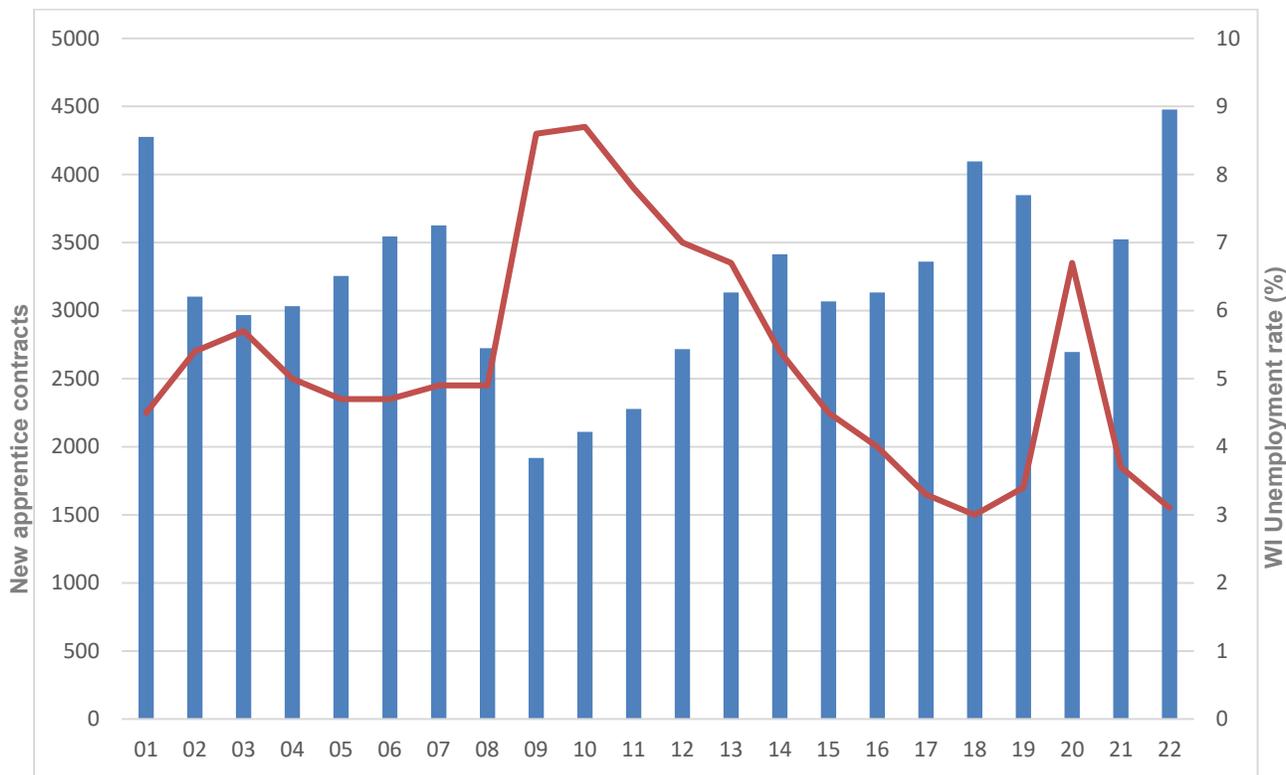
2022 .....	<b>15,925</b>
2021 .....	<b>14,856</b>
2001 .....	<b>15,777</b>
21-year low (2012) .....	<b>9,681</b>
21-year high (2022) .....	<b>15,925</b>

### 2022 Benchmarks

Change from 2021 .....	<b>7.2%</b>
Change from 2020 .....	<b>11.9%</b>
Change from 2012 .....	<b>64.5%</b>
Change from 2001 .....	<b>.9%</b>

## New Apprentice Contracts vs. Unemployment

As evidenced by the graph below, there is an inverse relationship between the state unemployment rate and new apprentice contracts. There were nearly 4,500 new apprentice contracts in 2022, the highest since 2000. Meanwhile, the state unemployment rate dropped further in 2022, to an annual average of 3.1 percent, after reaching nearly 7 percent in 2020, during the coronavirus pandemic. In 2022, the state registered almost 1,000 more apprentice contracts than in 2021 and 1,800 more than 2020. (Note: the Wisconsin 2022 unemployment rate is a preliminary estimate.)



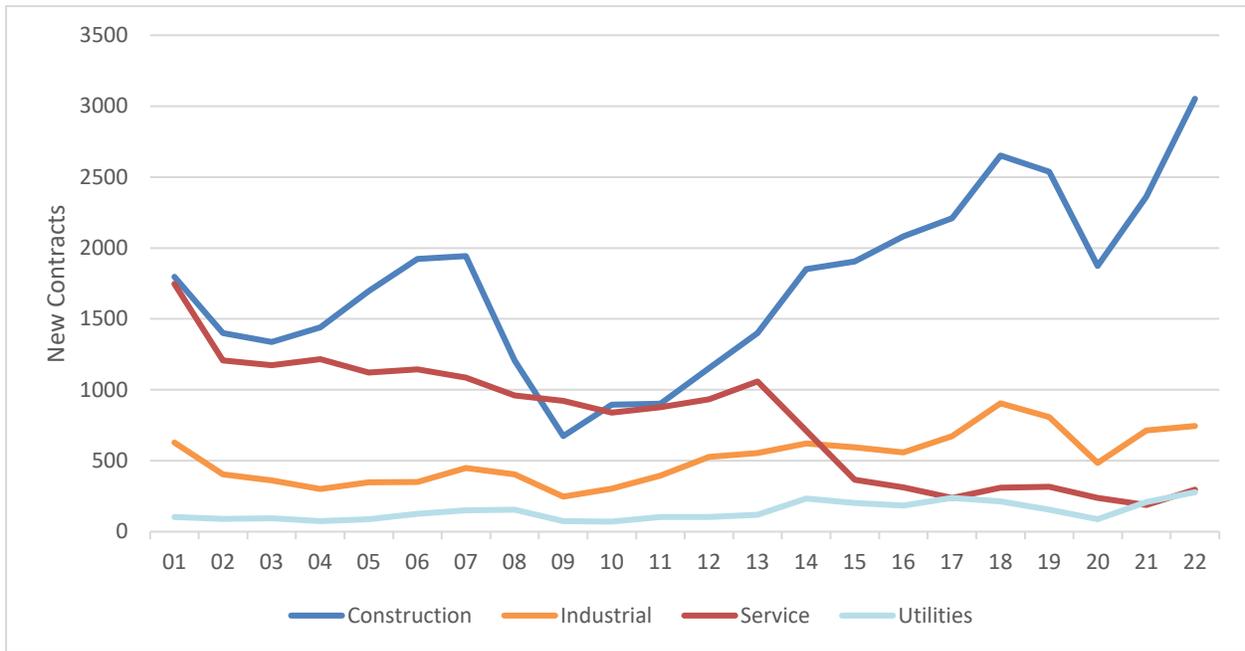
**This table** provides a snapshot of state unemployment rates in recent years and the corresponding number of new apprentice contracts. The Wisconsin annual unemployment rate averaged nearly 7 percent in 2020 and then fell for two consecutive years, corresponding with a sharp uptick in new apprentice registration.

	2001	...	2009	...	2020	...	2022
<b>New Apprentice Contracts</b>	4,276	-	1,919	-	2,696	-	4,480
<b>Wisconsin Unemployment</b>	4.5%	-	8.6%	-	6.7%	-	3.1%

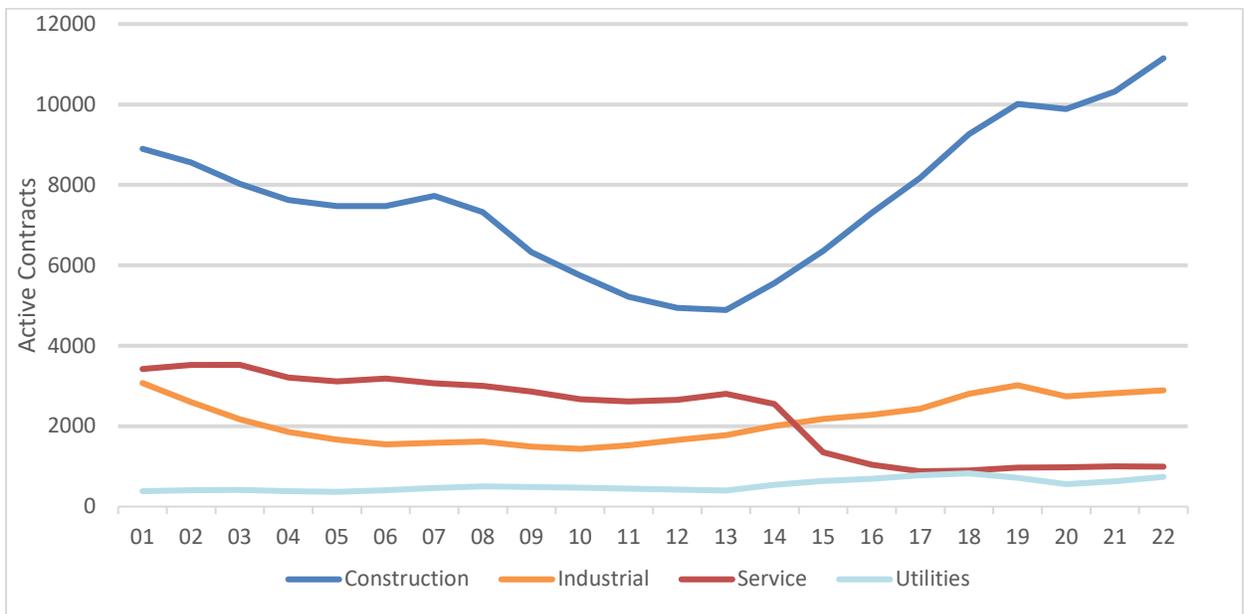
## Sector Changes

All major sectors added more apprentice contracts in 2022 than in 2021. The construction and utilities sectors added more apprentice contracts in 2022 than in any past year. As for active contracts, construction continued its record-breaking streak and the industrial sector reached levels in 2022 only surpassed by 2019 and 2001.

**New Apprentices by Sector**



**Active Apprentices by Sector**



## 2022 Emerging Sector Activity

	Active Contracts	New Contracts	Completed Contracts	Cancelled Contracts	Active Employers	Change from 2021 (contracts)	
Healthcare	86	74	5	7	13	+47	+121%
IT	37	15	6	8	11	+10	+37%
Agriculture	16	11	4	2	11	+9	+129%
Transportation	7	5	0	4	6	+5	+250%

## Top Occupations by Sector (3-Year Comparison)

2020		2021		2022	
<b>Healthcare</b>					
Medical Assistant	37	Pharmacy Technician	23	Medical Assistant	39
Pharmacy Technician	9	Medical Assistant	9	Pharmacy Technician	27
Direct Support Professional	2	Direct Support Professional	7	Caregiver	15
				Direct Support Professional	3
				Medical & Clinical Lab Technologist	2
<b>Agriculture</b>					
Organic Vegetable Farm Manager	3	Organic Vegetable Farm Manager	7	Organic Vegetable Farm Manager	16
<b>Transportation</b>					
		Freight Forwarding	2	Diesel Technician	3
				Freight Forwarding	2
				Heavy Truck Driver	2
<b>Information Technology</b>					
IT Service Desk Technician	5	Software Analyst	19	Software Analyst	31
Data Analyst	3	Broadband Service Technician	4	Broadband Service Technician	4
Software Developer	2	Data Analyst	3	Data Analyst	1
Broadband Service Technician	1	Software Developer	1	IT Service Desk Technician	1

## Top Apprenticeship Occupations (3-Year Comparison)

Construction continues to dominate the top occupations in Wisconsin apprenticeship, with construction electrician and plumber steadily growing over the past few years. Cosmetologist re-entered the top 15 occupations after two years of depressed participation beginning around 2020.

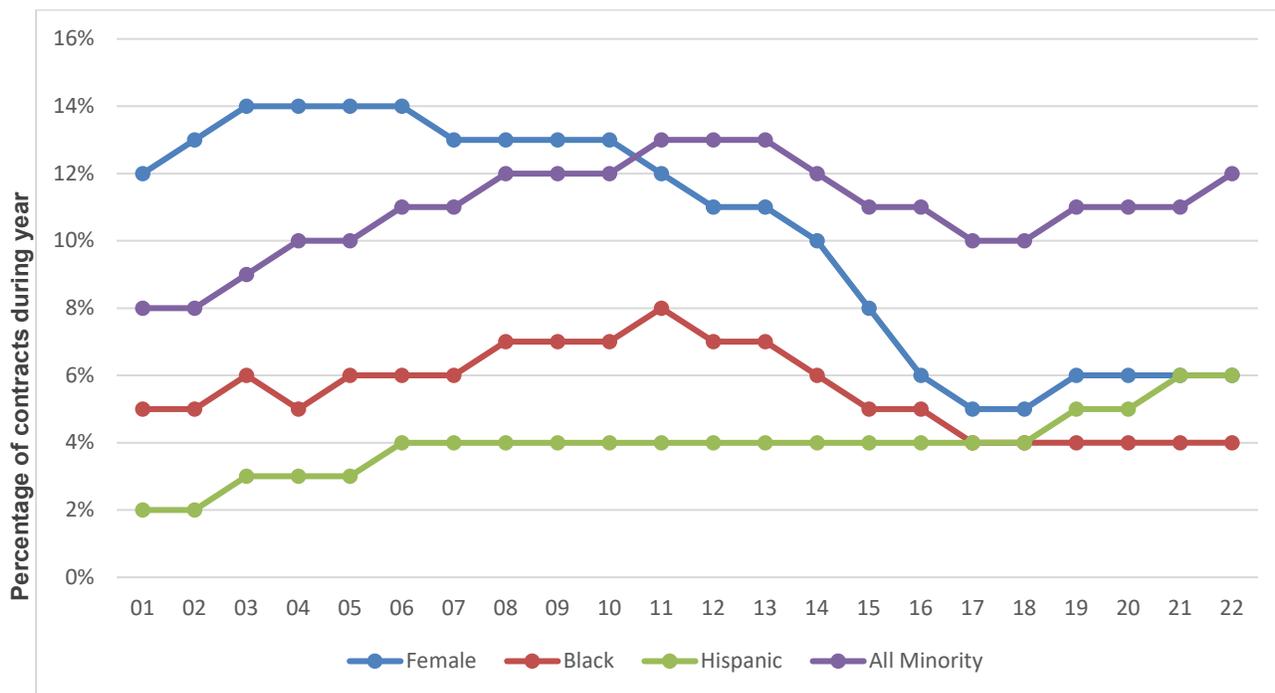
Jan. 1, 2021		Jan. 1, 2022		Jan. 1, 2023	
Construction Electrician	2,009	Construction Electrician	2,111	Construction Electrician	2,256
Plumber	1,457	Plumber	1,558	Plumber	1,669
Carpenter (Construction)	973	Carpenter (Construction)	889	Carpenter (Construction)	891
Operating Engineer	637	Operating Engineer	663	Operating Engineer	860
Sheet Metal Worker	516	Sheet Metal Worker	522	Sheet Metal Worker	513
Steamfitter (Construction)	451	Steamfitter (Construction)	422	Steamfitter (Construction)	445
Construction Craft Laborer	331	Industrial Electrician	346	Construction Craft Laborer	395
Industrial Electrician	305	Construction Craft Laborer	311	Industrial Electrician	340
Maintenance Mechanic	265	Tool and Die Maker	268	Iron Worker	296
Maintenance Technician	256	Maintenance Technician	265	Steamfitter (Service/Refrigeration)	280
Steamfitter (Service/Refrigeration)	249	Maintenance Mechanic	262	Electric Line Worker	275
Tool and Die Maker	246	Electric Line Worker	260	Maintenance Mechanic	272
Electric Line Worker	244	Steamfitter (Service/Refrigeration)	258	Maintenance Technician	262
Iron Worker	243	Iron Worker	229	Tool And Die Maker	258
Firefighter	210	Funeral Director	215	Cosmetologist	210



## Minority and Female Participation in Apprenticeship

Female, Black and Hispanic apprentice participation remained relatively steady in from 2021 to 2022, with overall minority participation increasing by about one percentage point.

### WI Apprentice Demographics



#### 2022 Apprentice Data

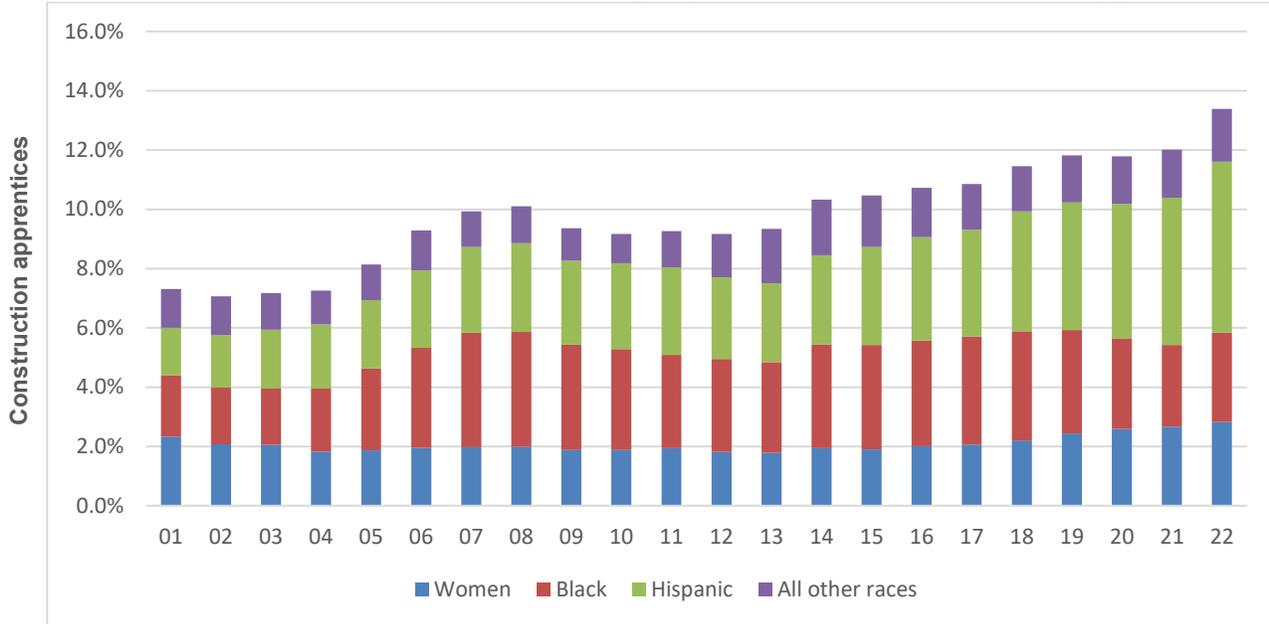
2022 Apprentice Data		WI Labor Force
Female	6.5%	48.1%
Black	3.8%	4.9%
Hispanic	6.3%	6.2%
Native Hawaiian/ Pacific Islander	.2%	.04%
Asian	1.2%	2.8%
American Indian/ Alaska Native	1.1%	.7%
Individuals with Disabilities	1.7%	5.2%

*Statewide, female and certain minority demographics lag in registered apprenticeship participation when compared to their representation in the state's civilian labor force.*

## Minorities and Women in Construction

There were 45 more women in construction in 2022 than in 2021. Similarly, there 58 more black apprentices, 143 Hispanic apprentices, and 36 apprentices from other minority races in 2022. This translates to higher levels of participation for female and minority apprentices in 2022 than any prior year. Women and minority apprentices comprised higher levels of new construction contracts in 2022 than seen in over two decades.

**Demographics of Construction Apprentices**



**New Construction Contracts**

