

ALASKA APPRENTICESHIPS

| April 2024



Prepared for the Alaska Workforce Investment Board

**Alaska Department of Labor
and Workforce Development**

RESEARCH AND ANALYSIS SECTION

Introduction

About this report

Apprenticeships have a long history in the state. As of September 2023, Alaska ranked seventh in the nation for active apprentices at 0.59 percent of the labor force. It was 0.31 nationally, according to the U.S. Department of Labor.

Alaska was one of 15 states to receive federal grant funding in 2021 to expand apprenticeships into new occupations and make them more accessible to historically underrepresented races, ethnicities, genders, and people with disabilities.

This report is a look at the most recent apprenticeship numbers, including several years of baseline data from which progress can be measured. In addition to the 10 basic questions and answers that follow, significantly more detail about Alaska apprentices is available in the appendix.

How apprenticeships work

Apprentices work under the guidance of experts in a field, gradually accumulating knowledge and

competency and earning wages as they learn. This approach differs from the tuition model of colleges and universities, where students pay to learn a certain curriculum in mostly academic settings.

Apprenticeships require a significant investment by employers or unions that take on the role of sponsors. (See the appendix for a complete list of Alaska sponsors.) Apprenticeship program sponsors determine the minimum qualifications an apprentice must meet to perform the essential functions of the job. There are often additional requirements such as aptitude tests, interviews, and academic courses. Sponsors provide experienced mentors who oversee on-the-job learning until the required competencies are met.

From the first day, apprentices receive a paycheck with regular increases as their competency grows. Apprenticeships typically take from one to six years and include an educational component that sometimes qualifies as college credit.

An apprenticeship is registered when it meets the requirements of the U.S. Department of Labor, which has been overseeing apprenticeship programs for more than 75 years. Completion of a registered apprenticeship is a nationally recognized credential.

Are more people beginning and completing apprenticeships?

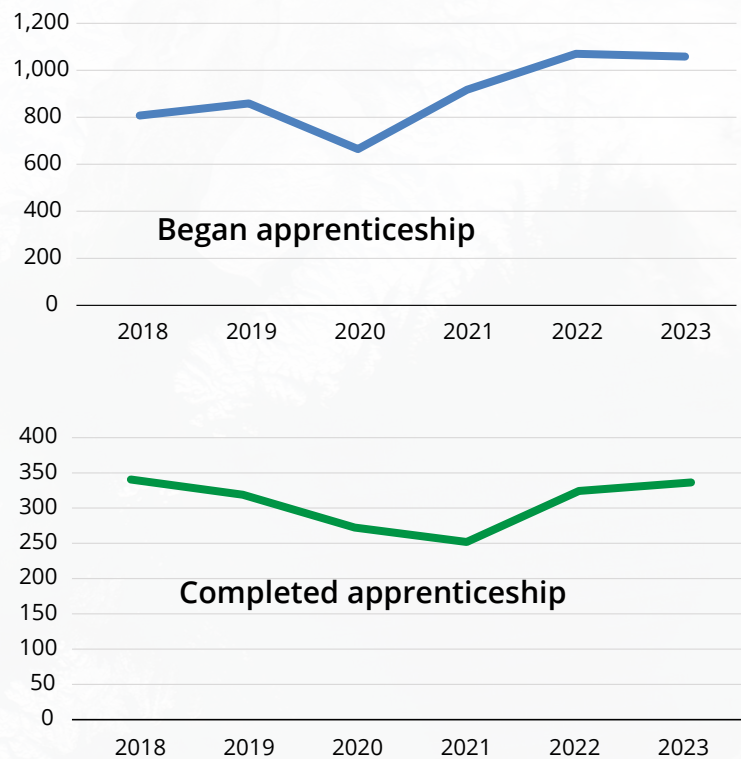
For the second consecutive year, more than 1,000 people registered to begin apprenticeships in Alaska.

While 2023 registrations were slightly below 2022 (1,056 versus 1,068), 2023 was higher than any other recorded year.

The number of people who completed an apprenticeship in 2023 jumped from the pandemic low of 249 in 2021 to 336, matching the 2018 count.

Completions will continue to rise as the large number of registrants over the last three years finish their apprenticeships.

Signups and completers, 2018-2023



What percentage of those who start an apprenticeship complete it?

About 30 percent of everyone who begins an apprenticeship in Alaska finishes it. The percentages vary by type of apprenticeship but have not changed much over the years this report includes, according to The Council of State Governments.

That percentage may seem low, but keep in mind that the 70 percent who didn't complete their apprenticeship still earned wages before they either quit or failed to meet the standards required to continue. In some ways, the people who didn't complete their apprenticeship are like the large number of people in the state and country who attended college but didn't earn a degree. An important distinction, though, is that the apprenticeship non-completers did not have to pay tuition or incur debt.

Whether in an apprenticeship program or as a college student, people often find value in discovering which types of work they *don't* want as a career.

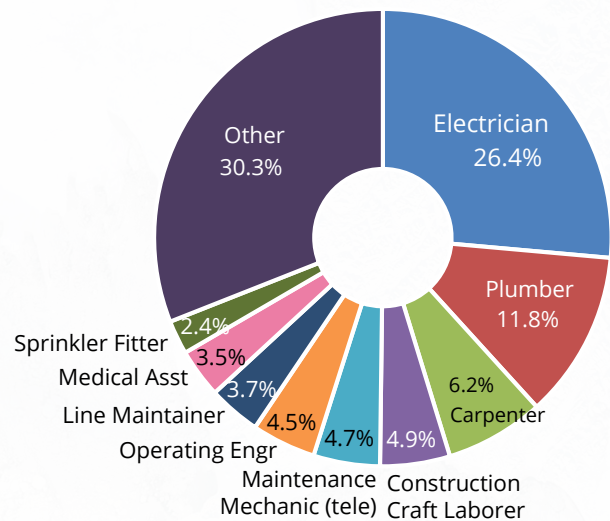
What types of work do apprentices train for?

The largest percentage of 2023 apprentices were working to become electricians, followed by plumbers and then carpenters.

The percentages shown in this chart for 2023 have not changed much since 2018, but a few rankings have. Sprinkler fitter was the fourth-most-popular program in 2018, for example, but is now ninth, which is a 40 percent decline. Several programs have grown quickly over the last six years, including medical assistant; maintenance mechanic; and heating, ventilation, and air conditioning.

Note: The main occupations making up the "other" category are Maintenance Mechanic (construction and petrol); Structural Steel Worker; Heating, Ventilation, and Air Conditioning; Painter; Sheet Metal Worker; and Residential Wireman.

Alaska apprentices' target occupations in 2023



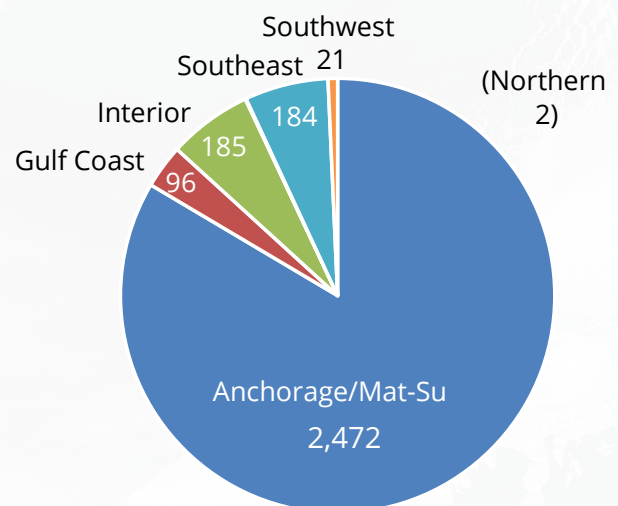
Where in Alaska do apprentices train?

Anchorage and the Matanuska-Susitna Borough had about 54 percent of the state's population in 2023 but a disproportionate 83.5 percent of its apprentices.

The Interior and Southeast regions had the next-largest shares at 6.3 and 6.2 percent, respectively. Southeast Region's apprenticeships have increased the most since 2018, growing 43 percent.

The remaining three regions (Gulf Coast, Southwest, and Northern) all have at least some apprentices, although the Northern Region had just two in 2023. Southwest's count has declined most since 2018, from 74 apprentices to 21.

2023 apprentices by area



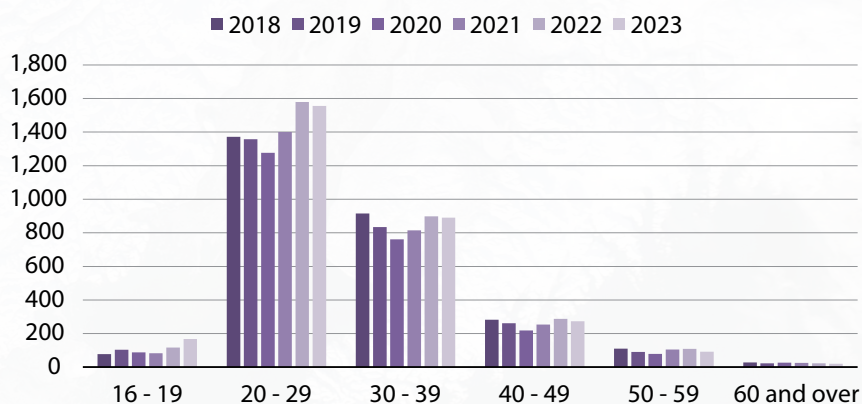
How old are Alaska's apprentices?

The largest share of apprentices are in their 20s and the next-largest are in their 30s.

A relatively small but growing number start earlier — about 5.6 percent of the 2023 apprentices were 16 to 19, the highest representation for teens over the last six years. It was also the only age group that increased from the year before, and 2023 was the first year with more than 100 new apprentices 19 or younger.

While people in their teens through 30s make up 87 percent of apprentices in

Number of apprentices by age group



Alaska, older students continue to register. Since 2018, apprentices who are 40-plus have composed between 10 and 15 percent of new apprentices every year.

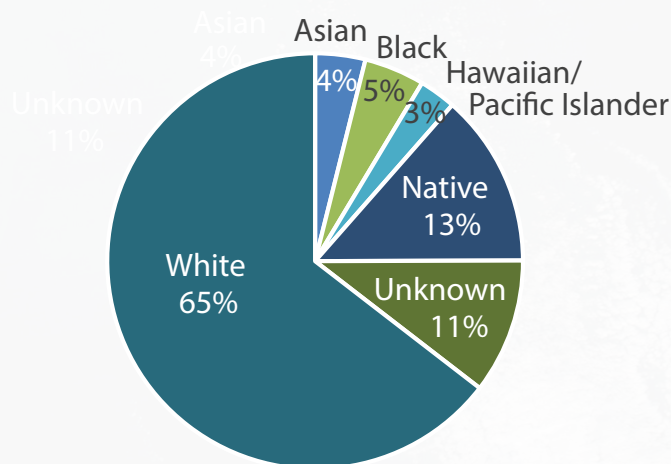
What is the racial makeup of Alaska apprentices?

In 2023, about 65 percent of apprentices were White, although no racial information was available for 11 percent of apprentices.

Alaska Natives made up 13 percent, a slight underrepresentation, as Natives make up about 19 percent of Alaskans.

Five percent were Black (similar to statewide population), 4 percent were Asian (underrepresented), and 3 percent were Hawaiian-Pacific Islander (slightly overrepresented).

2023 Alaska apprentices by race



Are the numbers of male and female apprentices similar?

Far more men than women register for apprenticeships. In 2023, 83 percent were men, a percentage that hasn't changed much since 2018.

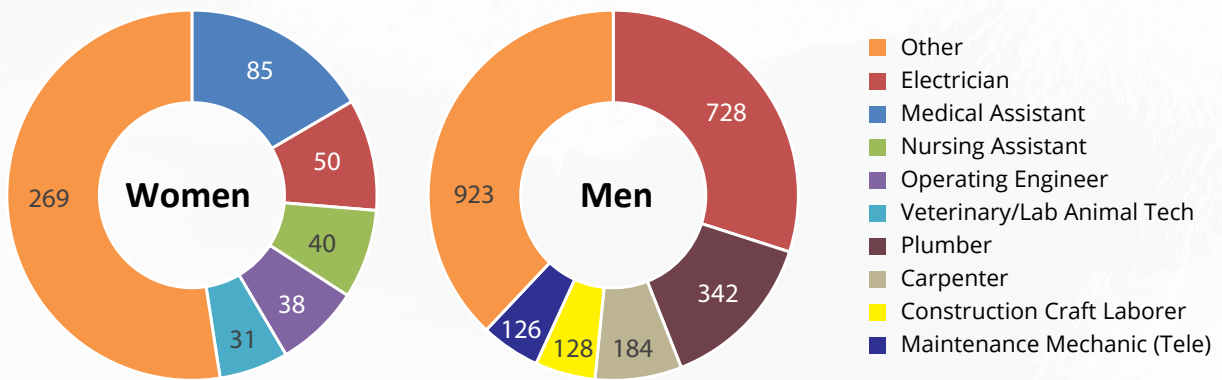
The number of women in apprenticeships hasn't quite caught up with their 2018 count, but 2023 was the second consecutive year with more than 220 women registering. Women's cancellations fell by 27 percent from 2022.

Do men and women choose different types of apprenticeships?

Yes, distinctly. As shown here, the top three apprenticeships for men are Electrician, Plumber, and Carpenter. For women, the top three are Medical Assistant, Electrician, and Nurse Assistant.

In the top five lists for men and women, only Electrician overlaps. Many other occupations are grouped into the "other" slice shown below. See the footnotes for the biggest occupations in that category and the appendix for more detail about the types of apprenticeships men and women choose.

2023 apprenticeship types by gender



Note: For women, the "other" category is primarily Carpenter, Construction Craft Laborer, Dental Assistant, Medical Coder, Maintenance Tech (tele), and Pharmacist Technician. See the appendix for a full list.

Note: For men, the "other" category is primarily Construction Craft Laborer, Sprinkle Fitter, Operating Engineer, Maintenance Mechanic (construction or petrol), Structural Steel Worker, and Residential Wireman. See the appendix for a full list.

Do people with disabilities sign up for apprenticeships?

Yes, but data collection for disability began in 2021. In 2021, 14 apprentices signed up with a disability. That increased to 24 in 2022 and 39 in 2023.

The total number of apprentices with a disability in 2023 was 68, with five completions.

Do those who complete an apprenticeship go to work in Alaska?

Yes, a high percentage of people who complete an apprenticeship then go to work in Alaska.

Among those who completed in 2022, 97 percent worked for Alaska employers in the next year with an average wage of \$80,000. The preliminary average annual wage for all Alaska jobs was \$67,000.

Note that apprentice wages come from unemployment insurance tax records, so they exclude self-employed and federal workers. They are subject to revision.



Apprenticeships

APPENDIX

Apprenticeship program sponsors and target occupations, 2023

Program sponsor	Target occupation	Number of apprentices*
Associated Builders and Contractors of Alaska, Inc.	Electrician (Alternate Title: Interior Electrician)	308
Alaska Joint Electrical Apprenticeship and Training Trust	Electrician (Alternate Title: Interior Electrician)	244
Alaska Carpenters Training Trust	Carpenter	182
Alaska Laborers Joint Apprenticeship Training Committee	Construction Craft Laborer	145
Alaska Joint Electrical Apprenticeship and Training Trust	Maintenance Mechanic, Tele	140
Alaska Operating Engineers/Employers Training Trust	Operating Engineer (Alternate Title: Heavy Const Equip Mechanic)	135
Alaska Joint Electrical Apprenticeship and Training Trust	Line Maintainer (Alternate Title: High Voltage Electrician)	87
Alaska Primary Care Association	Medical Assistant	84
Associated Builders and Contractors of Alaska, Inc.	Plumber	76
Alaska Ironworkers Joint Apprenticeship Training Committee	Structural Steel Worker (Alt Titles: Ironworker/Structural Ironworker)	62
Alaska Operating Engineers/Employers Training Trust	Maint Mechanic (Const; Petrol) (Alt Title: Heavy-Wheel Vehicle Mechanic)	50
Fairbanks Area Plumbers & Pipefitters JATC	Sprinkler Fitter (Existing Title: Pipe Fitter)	48
State of Alaska Division of Alaska Pioneer Homes	Nurse Assistant	42
Alaska Trowel Trades JATC	Cement Mason	41
Anchorage Alaska Area Pipe Trades Local 367 JATC	Plumber	37
Vannoy Electric	Electrician (Alternate Title: Interior Electrician)	34
Alaska Carpenters Training Trust	Carpenter, Piledriver	32
Alaska Southcentral/Southeastern Sheet Metal Workers JATC	Heating, Ventilation, Air Conditioning (Existing: Heat/Air Cond Inst/Ser)	31
International Union of Painters & Allied Trades Local 1959 JATC	Painter (Const)	31
Anchorage Alaska Area Pipe Trades Local 367 JATC	Heating, Ventilation, Air Conditioning (Existing: Heat/Air Cond Inst/Ser)	25
Teck Alaska, Incorporated	Plant Operator	24
Alaska Southcentral / Southeastern Sheet Metal Workers JATC	Sheet Metal Worker	23
Legacy Builders Painters Academy	Painter (Const)	20
Juneau Plumbers Joint Apprenticeship Training Committee	Plumber	19
Alaska Joint Electrical Apprenticeship and Training Trust	Unknown/Unavailable	18
Anchorage Alaska Area Pipe Trades Local 367 JATC	Sprinkler Fitter (Existing Title: Pipe Fitter)	17
Alaska Primary Care Association	Pharmacy Tech	16
Inland NW Assoc Gen Contractors Apprenticeship and Journeyman Training Trust	Carpenter	15
Alaska Primary Care Association	Medical Secretary	14
Alaska Teamster – Employer Service Training Trust	Construction Driver	14
Associated Builders and Contractors of Alaska, Inc.	Sheet Metal Worker	14
Premier Electric, LLC	Electrician (Alternate Title: Interior Electrician)	14
Alaska Clearwater Mechanical, LLC	Plumber	13
Alaska Primary Care Association	Community Health Worker	13
Alaska Primary Care Association	Dental Assistant (Alternate Title: Dental Specialist)	13
Signet Ring Vocational Center	Peer Specialist	13
907 Electric Inc.	Electrician (Alternate Title: Interior Electrician)	12
Alaska Operating Engineers/Employers Training Trust	Lubrication Ser Material Disposal Tech	12
International Union of Painters & Allied Trades Local 1959 JATC	Glazier	12
Tesla Electric, LLC.	Electrician (Alternate Title: Interior Electrician)	12
Alaska Primary Care Association	Medical Coder (Alternate Title: Patient Administration Specialist)	11
Alaska Department of Corrections	Material Coordinator (Alt Titles: Automated Logistical /Unit Supply Specs)	10
Associated Builders and Contractors of Alaska, Inc.	Carpenter	10
Foundation Health Partners	Central Sterile Processing Technician	10
Moore Heating & Air Conditioning	Plumber	10
Alaska Ironworkers Joint Apprenticeship Training Committee	Structural Metal Fabricator And Fitter	9
Alaska Native Tribal Health Consortium	Counselor	9
Alaska Primary Care Association	Health Information Technology Specialist	9
HD Medical and Fire Services	Emergency Medical Technician (Alternate Title: Health Care Specialist)	9
Alaska Power & Telephone	Line Maintainer (Alternate Title: High Voltage Electrician)	8
Associated Builders and Contractors of Alaska, Inc.	Unknown/Unavailable	8
Fairbanks Area Plumbers & Pipefitters JATC	Plumber	8
Fairbanks Area Sheet Metal Workers JATC	Sheet Metal Worker	8
Valley Mechanical Contracting, Inc.	Plumber	8
Warbelow's Air Ventures, Inc.	Airframe & Power Plant Mechanic	8
Alaska Department of Corrections	Maintenance Repairer, Build	7
Alaska Joint Electrical Apprenticeship and Training Trust	Tree Trimmer (Line Clear)	7
Alaska Power & Telephone	Telecommunications Technician (Alternate Title: Broadband Technician)	7
Alaska Village Electric Cooperative, Inc.	Line Maintainer (Alternate Title: High Voltage Electrician)	7
All-Star Plumbing & Heating, LLC	Plumber	7
Associated Builders and Contractors of Alaska, Inc.	Sprinkler Fitter (Existing Title: Pipe Fitter)	7
Hard Rok Plumbing and Heating, LLC	Plumber	7
Pet Emergency Treatment	Veterinary/Lab Animal Tech (Alternate Title: Animal Care Specialist)	7
Pitcher Electric, Inc.	Electrician (Alternate Title: Interior Electrician)	7
Teck Alaska, Incorporated	Maint Mechanic (Const; Petrol) (Alt Title: Heavy-Wheel Vehicle Mechanic)	7

Apprenticeship program sponsors and target occs, 2023 (cont.)

Program sponsor	Target occupation	Number of apprentices*
Akiak School	Teacher Aide I	6
Alaska Heat & Frost Insulators & Allied Workers JATC	Insulator (Thermal) (Existing Title: Insulation Worker)	6
Always On Call Mountain Mechanical	Plumber	6
Beckley Mechanical Company	Plumber	6
Boiler Man Plumbing & Heating, Inc.	Plumber	6
CCI Industrial Services - Bristol Bay Industrial	Electrician (Alternate Title: Interior Electrician)	6
Circle Plumbing and Heating	Plumber	6
Encore Electric, LLC	Electrician (Alternate Title: Interior Electrician)	6
Extreme Heating & Air, Inc.	Plumber	6
Foundation Health Partners	Surgical Technologist	6
Prism Design & Construction	Electrician (Alternate Title: Interior Electrician)	6
TEC PRO LTD	Electrician (Alternate Title: Interior Electrician)	6
Teck Alaska, Incorporated	Millwright	6
Ameresco, Incorporated	Plumber	5
Anchorage Plumbing & Heating, Inc.	Plumber	5
Daleco Plumbing	Plumber	5
Eayrs Plumbing & Heating, LLC	Plumber	5
Integrity Electric, Inc.	Electrician (Alternate Title: Interior Electrician)	5
Knikatnu Inc. dba Last Frontier Electric, LLC	Residential Wireman	5
Mat-Su Mechanical, Inc.	Plumber	5
North Lit Electric, LLC	Residential Wireman	5
Paragon Mechanical	Plumber	5
Partusch Plumbing & Heating	Plumber	5
Sitka Electric Company	Electrician (Alternate Title: Interior Electrician)	5
Trident Seafoods Corporation	Electrician (Alternate Title: Interior Electrician)	5
Vannoy Electric	Residential Wireman	5
Alaska Department of Corrections	Baker (Bake Produce)	4
Alaska Primary Care Association	Direct Support Specialist	4
Alaska Vocational Technical Center	Network Support Technician	4
Amped Electric, Inc.	Electrician (Alternate Title: Interior Electrician)	4
College Village Animal Clinic, Inc.	Veterinary/Lab Animal Tech (Alternate Title: Animal Care Specialist)	4
Hunter Mechanical International Corporation	Plumber	4
Intel Electric	Electrician (Alternate Title: Interior Electrician)	4
JH Electric, Inc.	Residential Wireman	4
Premier Mechanical, Inc.	Plumber	4
Raven Electric, Inc.	Electrician (Alternate Title: Interior Electrician)	4
RenCo Construction and Electric	Electrician (Alternate Title: Interior Electrician)	4
Renewable Energy Systems	Electrician (Alternate Title: Interior Electrician)	4
Safe-T-Way Electric, Incorporated	Electrician (Alternate Title: Interior Electrician)	4
State of Alaska Division of Alaska Pioneer Homes	Home Health Aide (Alternate Title: Health Support Specialist)	4
University of Alaska Anchorage - Ctr for Strategic Partnerships and Research	Laboratory Assistant	4

*An apprentice in 2023 includes anyone who engaged in apprenticeship activity that year, whether they started, finished, canceled, or were ongoing.

Note: Includes only sponsors with at least four apprenticeships in 2023

Target occupations for all apprentices enrolled in 2023

Target occupation	Number of apprentices*
Electrician (Alternate Title: Interior Electrician)	792
Plumber	355
Carpenter	210
Construction Craft Laborer	148
Maintenance Mechanic, Tele	141
Operating Engineer (Alternate Title: Heavy Construction Equipment Mechanic)	136
Line Maintainer (Alternate Title: High Voltage Electrician)	111
Medical Assistant	104
Sprinkler Fitter (Existing Title: Pipe Fitter)	72
Structural Steel Worker (Alternate Titles: Ironworker Or Structural Ironworker)	63
Heating, Ventilation, Air Conditioning	59
Maint Mechanic (Const; Petrol) (Alternate Title: Heavy-Wheel Vehicle Mechanic)	59
Unknown/Unavailable	57
Painter (Const)	54
Sheet Metal Worker	48
Residential Wireman	45
Nurse Assistant	42
Cement Mason	41
Veterinary/Lab Animal Tech (Alternate Title: Animal Care Specialist)	34
Carpenter, Piledriver	32
Application Developer	31
Plant Operator	27
Dental Assistant (Alternate Title: Dental Specialist)	23
Medical Coder (Alternate Title: Patient Administration Specialist)	18
Pharmacy Tech	16
Peer Specialist	15
Construction Driver	14
Counselor	14
Medical Secretary	14
Community Health Worker	13
Glazier	12
Lubrication Ser Material Disposal Tech	12
Surgical Technologist	12
Material Coordinator (Alt Titles: Automated Logistical /Unit Supply Specialists)	11
Millwright	11
Central Sterile Processing Technician	10
Emergency Medical Technician (Alternate Title: Health Care Specialist)	9
Health Information Technology Specialist	9
Structural Metal Fabricator And Fitter	9
Airframe & Power Plant Mechanic	8
Insulator (Thermal) (Existing Title: Insulation Worker)	8
Maintenance Repairer, Build	7
Telecommunications Technician (Alternate Title: Broadband Technician)	7
Tree Trimmer (Line Clear)	7
Diesel Mechanic (Alternate Title: Power-Generation Equipment Repairer)	6
IT Generalist	6
Optician Dispensing	6
Teacher Aide I	6
Machinist (Alternate Title: Precision Machinist)	5
Baker (Bake Produce)	4
Direct Support Specialist	4
Electrician, Maintenance	4
Home Health Aide (Alternate Title: Health Support Specialist)	4
Laboratory Assistant	4
Network Support Technician	4
Cook (Any Industry) (Alternate Title: Nutrition Care Specialist)	3
Surveyor Assistant Instrument	3
Tile Finisher	3
Hair Stylist (Existing Title: Cosmetologist)	2
Line Erector (Power-Line Distribution Erector)	2
Pharmacy Technician, Retail Store (Revised)	2
Welder-Fitter	2

Note: Includes only occupations with at least two apprentices in 2023

Apprentices and target occupations by gender, 2023

WOMEN

Target occupation	2023 apprentices*
Medical Assistant	85
Electrician (Alt Title: Interior Electrician)	50
Nurse Assistant	40
Operating Egr (Alt: Heavy Const Equip Mech)	38
Vet/Lab Animal Tech (Alt: Animal Care Spec)	31
Carpenter	25
Construction Craft Laborer	20
Dental Assistant (Alt Title: Dental Specialist)	19
Medical Coder (Alt Title: Patient Admin Spec)	17
Maintenance Mechanic, Tele	14
Pharmacy Tech	13
Community Health Worker	12
Medical Secretary	12
Application Developer	10
Counselor	10
Surgical Technologist	9
Health Information Technology Specialist	8
Painter (Const)	7
Central Sterile Processing Technician	6
Peer Specialist	6
Plumber	6
Optician Dispensing	5
Plant Operator	5
Teacher Aide I	5
Heating, Ventilation, Air Conditioning	4
Laboratory Assistant	4
Sprinkler Fitter (Existing Title: Pipe Fitter)	4
Carpenter, Piledriver	3
Direct Support Specialist	3
IT Generalist	3
Line Maintainer (Alt Title: High Voltage Elec)	3
Material Coordinator	3
Sheet Metal Worker	3
Unknown/Unavailable	2
Construction Driver	2
Electrician, Maintenance	2
Hair Stylist (Existing Title: Cosmetologist)	2
Home Health Aide (Alt Title: Health Spt Spec)	2
Insulator (Thermal) (Existing: Insulation Wkr)	2
Maint Mechanic (Const; Petrol)	2
Network Support Technician	2
Residential Wireman	2
Structural Steel Wkr (Alt: Ironworker/Structural)	2
Airframe & Power Plant Mechanic	1
Baker (Bake Produce)	1
Cement Mason	1
Lubrication Ser Material Disposal Tech	1
Maintenance Repairer, Build	1
Office Manager/Admin Services	1
Structural Metal Fabricator And Fitter	1
Surveyor Assistant Instrument	1
Tree Trimmer (Line Clear)	1
Welder-Fitter	1

*An apprentice in 2023 includes anyone who engaged in apprenticeship activity that year, whether they started, finished, canceled, or were ongoing.

MEN

Target occupation	2023 apprentices*
Electrician (Alternate Title: Interior Electrician)	728
Plumber	342
Carpenter	184
Construction Craft Laborer	128
Maintenance Mechanic, Tele	126
Line Maintainer (Alt Title: High Voltage Electrician)	108
Operating Engineer (Alt Title: Heavy Const Equip Mech)	97
Sprinkler Fitter (Existing Title: Pipe Fitter)	68
Structural Steel Worker (Alt: Ironworker/Structural)	59
Maintenance Mechanic (Const; Petrol)	57
Heating, Ventilation, Air Conditioning	55
Unknown/Unavailable	51
Painter (Const)	47
Residential Wireman	43
Sheet Metal Worker	43
Cement Mason	40
Carpenter, Piledriver	29
Plant Operator	20
Medical Assistant	17
Application Developer	13
Construction Driver	12
Glazier	12
Lubrication Ser Material Disposal Tech	11
Millwright	11
Peer Specialist	9
Emergency Medical Tech (Alt Title: Health Care Spec)	8
Material Coordinator	8
Structural Metal Fabricator And Fitter	8
Airframe and Power Plant Mechanic	7
Telecomms Technician (Alt Title: Broadband Tech)	7
Diesel Mechanic (Alt: Power-Generation Equip Repair)	6
Insulator (Thermal) (Existing Title: Insulation Worker)	6
Tree Trimmer (Line Clear)	6
Machinist (Alternate Title: Precision Machinist)	5
Maintenance Repairer, Build	5
Central Sterile Processing Technician	4
Baker (Bake Produce)	3
Cook (Any Ind) (Alt Title: Nutrition Care Specialist)	3
Dental Assistant (Alternate Title: Dental Specialist)	3
Pharmacy Tech	3
Surgical Technologist	3
Tile Finisher	3
Counselor	2
Electrician, Maintenance	2
Home Health Aide (Alt Title: Health Support Specialist)	2
IT Generalist	2
Line Erector (Power-Line Distribution Erector)	2
Network Support Technician	2
Nurse Assistant	2
Pharmacy Technician, Retail Store (Revised)	2
Surveyor Assistant Instrument	2
Vet/Lab Animal Tech (Alt Title: Animal Care Spec)	2
Direct Support Specialist	1
Floor Layer	1
Health Information Technology Specialist	1
Medical Coder (Alt Title: Patient Admin Specialist)	1
Medical Secretary	1
Optician Dispensing	1
Paramedic (Alternate Title: Health Care Specialist)	1
Phlebotomist	1
Power-Plant Operator	1
Scaffold Erector (Existing Title: Carpenter, Rough)	1
Teacher Aide I	1
Truck Driver, Heavy	1
Welder-Fitter	1

Apprentices and target occupations by race, 2023

Target occupation	Asian	Black	Hawaiian/ Pac Island	Alaska Native	White
Airframe & Power Plant Mechanic	0	0	0	0	8
Application Developer	0	12	0	0	7
Baker (Bake Produce)	1	1	0	0	2
Carpenter	19	14	5	20	141
Carpenter, Piledriver	1	2	0	0	28
Cement Mason	0	2	14	6	15
Central Sterile Processing Technician	1	2	0	0	6
Community Health Worker	2	1	3	0	7
Construction Craft Laborer	3	19	12	41	73
Construction Driver	0	1	0	2	11
Cook (Any Ind) (Alternate Title: Nutrition Care Specialist)	0	2	0	0	0
Counselor	0	1	0	6	5
Cyber Security Support Technician	0	0	0	0	0
Dental Assistant (Alternate Title: Dental Specialist)	2	1	0	8	8
Diesel Mechanic (Alt Title: Power-Generation Equip Repairer)	1	0	0	1	4
Direct Support Specialist	0	1	0	0	3
Electrician (Alternate Title: Interior Electrician)	20	28	7	74	598
Electrician, Maintenance	0	0	0	4	0
Emergency Medical Technician (Alt Title: Health Care Specialist)	0	0	0	0	9
Floor Layer	0	0	0	0	1
Glazier	0	0	1	2	8
Hair Stylist (Existing Title: Cosmetologist)	0	0	0	0	2
Health Information Technology Specialist	1	0	0	1	6
Heating, Ventilation, Air Conditioning	0	2	1	2	51
Home Health Aide (Alternate Title: Health Support Specialist)	3	0	1	0	0
Insulator (Thermal) (Existing Title: Insulation Worker)	0	0	3	1	3
IT Generalist	0	2	0	0	0
Laboratory Assistant	0	0	0	0	4
Line Erector (Power-Line Distribution Erector)	0	0	1	0	1
Line Maintainer (Alternate Title: High Voltage Electrician)	2	0	3	17	87
Lubrication Ser Material Disposal Tech	0	1	1	3	7
Machinist (Alternate Title: Precision Machinist)	0	0	0	1	3
Maint Mechanic (Const; Petrol) (Alt Title: Heavy-Wheel Vehicle Mech)	0	1	1	12	43
Maintenance Mechanic, Tele	5	0	3	20	109
Maintenance Repairer, Build	0	0	0	1	6
Material Coordinator	0	2	1	3	4
Medical Assistant	9	7	11	18	46
Medical Coder (Alternate Title: Patient Administration Specialist)	1	3	1	1	10
Medical Secretary	2	0	0	6	5
Millwright	0	0	0	9	2
Network Support Technician	0	0	0	3	1
Nurse Assistant	25	1	0	0	16
Office Manager/Admin Services	0	0	0	1	0
Operating Engineer (Alt Title: Heavy Const Equipment Mechanic)	1	3	3	30	93
Optician Dispensing	2	0	0	0	3
Painter (Const)	0	12	1	2	27
Paramedic (Alternate Title: Health Care Specialist)	0	0	0	0	1
Peer Specialist	1	5	2	1	1
Pharmacy Tech	2	0	0	8	6
Pharmacy Technician, Retail Store (Revised)	0	0	0	0	2
Phlebotomist	0	0	0	0	1
Plant Operator	0	0	0	25	1
Plumber	6	7	6	34	245
Power-Plant Operator	0	0	0	1	0
Residential Wireman	0	0	0	1	37
Scaffold Erector (Existing Title: Carpenter, Rough)	0	0	0	0	1
Sheet Metal Worker	1	2	0	6	34
Sprinkler Fitter (Existing Title: Pipe Fitter)	0	0	1	12	58
Structural Metal Fabricator And Fitter	0	0	0	0	8
Structural Steel Worker (Alt Titles: Ironworker/Structural Ironworker)	4	5	3	10	26
Surgical Technologist	1	0	0	0	9
Surveyor Assistant Instrument	0	0	0	0	3
Teacher Aide I	0	0	0	6	0
Telecomms Technician (Alternate Title: Broadband Technician)	0	0	0	2	5
Tile Finisher	0	0	0	0	1
Tree Trimmer (Line Clear)	0	1	0	1	5
Truck Driver, Heavy	0	0	0	0	1
Veterinary/Lab Animal Tech (Alternate Title: Animal Care Specialist)	1	0	0	1	27
Welder-Fitter	0	0	1	1	0

Apprenticeship outcomes by race for those who completed in 2022

WHITE

Target occupation	Completers	Employed within 1 year	Avg wage within 1 yr
Electrician (Alternate Title: Interior Electrician)	25	96%	\$99,980
Construction Craft Laborer	17	82.4%	\$77,953
Plumber	16	81.3%	\$69,579
Medical Assistant	15	73.3%	\$42,319
Carpenter	13	76.9%	\$71,612
Operating Engineer (Alt Title: Heavy Construction Equipment Mechanic)	13	100%	\$91,348
Maint Mechanic (Const; Petrol)	12	100%	\$127,504
Sprinkler Fitter (Existing Title: Pipe Fitter)	12	91.7%	\$94,256
Line Maintainer (Alternate Title: High Voltage Electrician)	11	81.8%	\$165,594
Community Health Worker	10	70%	\$50,908
Maintenance Mechanic, Tele	8	87.5%	\$94,214
Pharmacist Assistant (Alternate Title: Pharmacy Technician)	7	71.4%	Suppressed
Residential Wireman	5	100%	Suppressed
Nurse Assistant	4	50%	Suppressed
Central Sterile Processing Technician	3	100%	Suppressed
Heating, Ventilation, Air Conditioning	3	100%	Suppressed
Medical Coder (Alternate Title: Patient Administration Specialist)	3	33.3%	Suppressed
Sheet Metal Worker	3	100%	Suppressed
Surgical Technologist	3	33.3%	Suppressed
Tree Trimmer (Line Clear)	3	100%	Suppressed
Carpenter, Piledriver	2	100%	Suppressed
Construction Driver	2	100%	Suppressed
Dental Assistant (Alternate Title: Dental Specialist)	2	100%	Suppressed
Health Information Technology Specialist	2	0%	\$0
Medical Secretary	2	100%	Suppressed
Scaffold Erector (Existing Title: Carpenter, Rough)	2	100%	Suppressed
Direct Support Specialist	1	100%	Suppressed
Hair Stylist (Existing Title: Cosmetologist)	1	100%	Suppressed
Information Assurance Specialist	1	0%	Suppressed
Insulator (Thermal) (Existing Title: Insulation Worker)	1	100%	Suppressed
Optician Dispensing	1	100%	Suppressed

ALASKA NATIVE

Target occupation	Completers	Employed within 1 year	Avg wage within 1 yr
Construction Craft Laborer	6	100%	\$69,415
Pharmacist Assistant (Alternate Title: Pharmacy Technician)	5	20%	Suppressed
Electrician (Alternate Title: Interior Electrician)	4	75%	Suppressed
Maint Mechanic (Const; Petrol) (Alternate Title: Heavy-Wheel Vehicle Mech)	3	100%	Suppressed
Medical Assistant	3	33.3%	Suppressed
Plumber	3	66.7%	Suppressed
Carpenter	2	100%	Suppressed
Plant Operator	2	50%	Suppressed
Maintenance Repairer, Build	1	0%	\$0
Medical Secretary	1	100%	Suppressed
Millwright	1	100%	Suppressed
Scaffold Erector (Existing Title: Carpenter, Rough)	1	0%	\$0
Sprinkler Fitter (Existing Title: Pipe Fitter)	1	100%	Suppressed
Tree Trimmer (Line Clear)	1	100%	Suppressed

Apprenticeship outcomes by race for those who completed in 2022

ASIAN

Target occupation	Completers	Employed within 1 year	Avg wage within 1 yr
Nurse Assistant	10	100%	\$53,363
Medical Secretary	3	100%	Suppressed
Dental Assistant (Alternate Title: Dental Specialist)	2	0%	\$0
Medical Assistant	2	50%	Suppressed
Medical Coder (Alternate Title: Patient Administration Specialist)	2	100%	Suppressed
Sheet Metal Worker	2	0%	\$0
Central Sterile Processing Technician	1	0%	\$0
Community Health Worker	1	100%	Suppressed
Construction Craft Laborer	1	50%	Suppressed
Direct Support Specialist	1	66.7%	Suppressed
Electrician (Alternate Title: Interior Electrician)	1	60%	Suppressed
Health Information Technology Specialist	1	100%	Suppressed
Pharmacist Assistant (Alternate Title: Pharmacy Technician)	1	100%	Suppressed

HAWAIIAN OR PACIFIC ISLANDER

Target occupation	Completers	Employed within 1 year	Avg wage within 1 yr
Community Health Worker	1	100%	Suppressed
Line Maintainer (Alternate Title: High Voltage Electrician)	1	100%	Suppressed
Maint Mechanic (Const; Petrol)	1	100%	Suppressed
Maintenance Mechanic, Tele	1	100%	Suppressed
Scaffold Erector (Existing Title: Carpenter, Rough)	1	100%	Suppressed

BLACK

Target occupation	Completers	Employed within 1 year	Avg wage within 1 yr
Community Health Worker	5	80%	Suppressed
Construction Craft Laborer	1	100%	Suppressed
Electrician (Alternate Title: Interior Electrician)	1	100%	Suppressed
Medical Coder (Alternate Title: Patient Administration Specialist)	1	100%	Suppressed
Medical Secretary	1	0%	\$0
Peer Specialist	1	0%	\$0
Plumber	1	0%	\$0
Surgical Technologist	1	100%	Suppressed

Note: Very small numbers must be suppressed to protect confidentiality.