

ALASKA APPRENTICESHIPS

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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, and in 2021, Alaska was one of 15 states to receive federal grant funding 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 first look at the numbers so far, including several years of baseline data from which progress can be measured. In addition to the nine 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 cer-

tain 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?

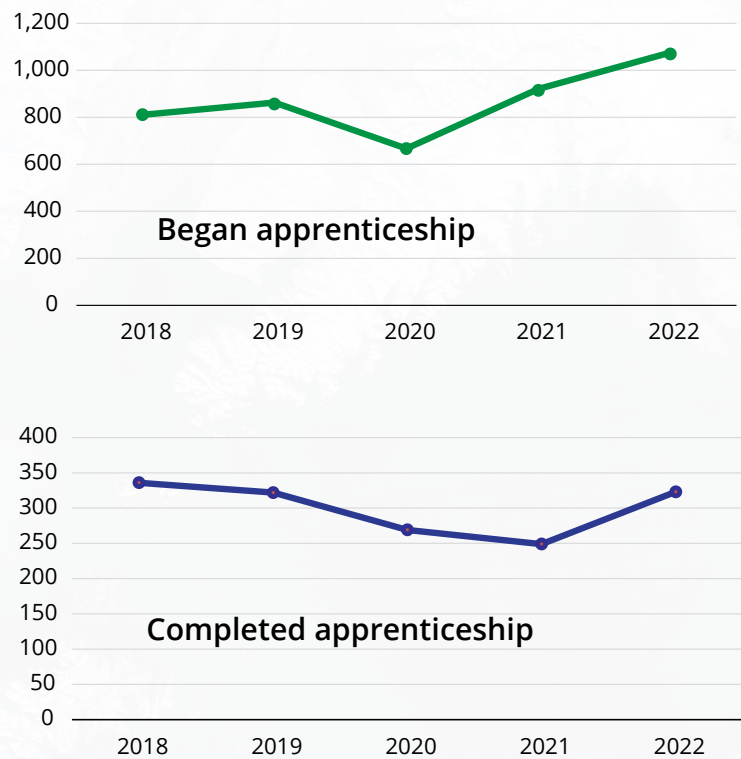
Yes, the number of people who began an apprenticeship rose from 804 in 2018 to 1,069 in 2022.

The number of new apprentices dipped noticeably in 2020 with the pandemic, to 660, but the 2022 count was up 12 percent from 2021 and 8 percent from 2018.

The number of people who completed an apprenticeship jumped from 249 in 2021 to 323 in 2022, although that number is below the 336 who completed in 2018.

The pandemic likely affected 2022 completions and it will take a few years for the growth in new apprentices to show up in increased completions.

Signups and completers, 2018-22



What percentage of those who start an apprenticeship complete it?

About 30 percent of all the people who begin an apprenticeship in Alaska finish it. The percentages vary by type of apprenticeship but have not changed much over the years this report includes.

That percentage may seem low, but keep in mind that the 70 percent who didn't complete their apprenticeship still earned wages before they 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 noncompleters 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 the types of work they *don't* want as a career.

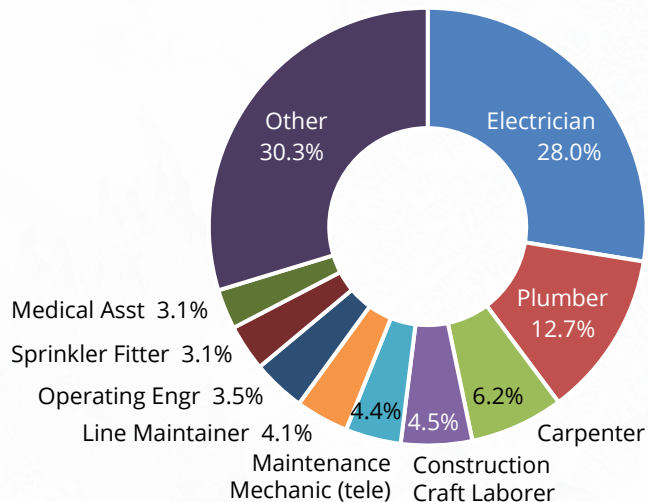
What types of work do apprentices train for?

The 2022 count of apprentices shows the largest percentage working to become electricians, followed by plumbers and then carpenters.

The percentages shown in this chart for 2022 have not changed much over the 2018 to 2022 period.

NOTE: The main occupations making up the "other" category are Maintenance Mechanic (construction; petrol), Structural Steel Worker, Residential Wireman, Sheet Metal Worker, Cement Mason, Medical Coder, and Painter

Alaska apprentices' target occupations in 2022



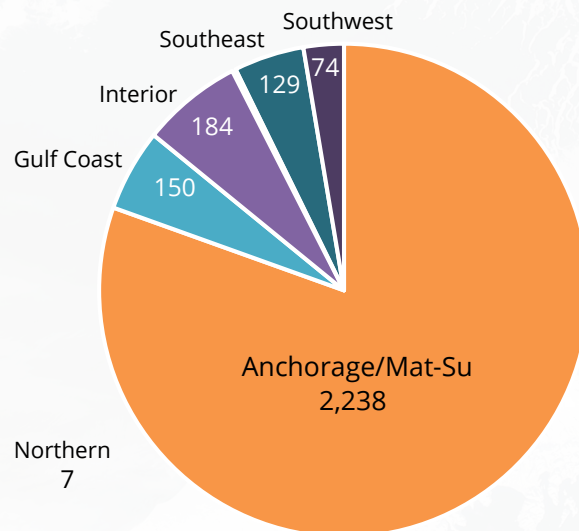
Where in Alaska do apprentices train?

In 2022, 85 percent of apprentices were in Anchorage or the Matanuska-Susitna Borough. That part of the state has about 54 percent of Alaska's population, so a noticeably disproportionate percentage of the apprenticeships are there.

The Interior and Southeast regions have the next-largest shares of apprentices at 5.4 and 5.3 percent, respectively.

The remaining three regions (Gulf Coast, Southwest, and Northern) all have at least some apprentices, although the Northern region had just two in 2022.

2022 apprentices by area

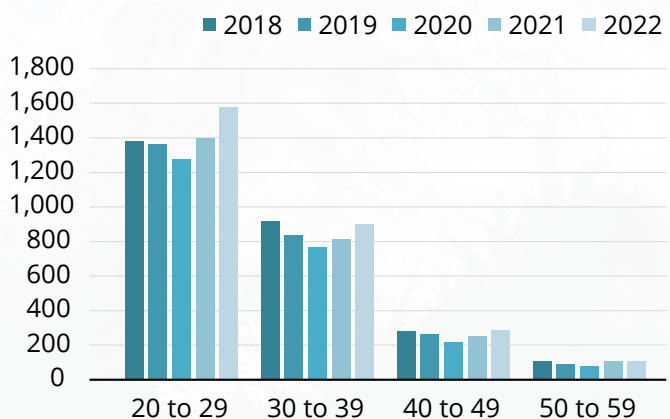


How old are Alaska's apprentices?

The largest percentage of apprentices are in their 20s and the next-largest are in their 30s. A relatively small number start earlier — about 2 percent are aged 16 to 19.

About 6 percent of apprentices are in their 40s and 2 percent are in their 50s. About half a percent are 60 or older.

Number of apprentices by age group



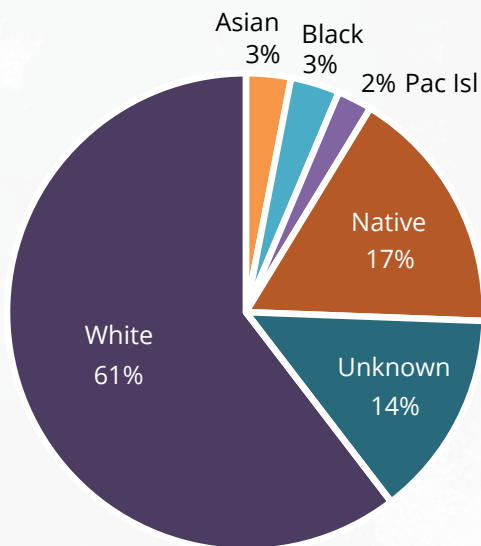
What is the racial makeup of Alaska apprentices?

In 2022, about 61 percent of apprentices were White, although no racial information was available for 14 percent of apprentices.

Alaska Natives made up 17 percent of apprentices, a slight underrepresentation (about 19 percent of the state's population is Alaska Native).

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

2022 Alaska apprentices by race and ethnicity



Note: Hispanics can be of any race.

Are the numbers of male and female apprentices similar?

Disability is a new category. In 2021, 14 apprentices signed up with a disability. That jumped to 24 in 2022.

Far more men than women register for apprenticeships. In 2022, 82 percent of all apprentices were men, a percentage that hadn't changed much over the 2018-2022 period.

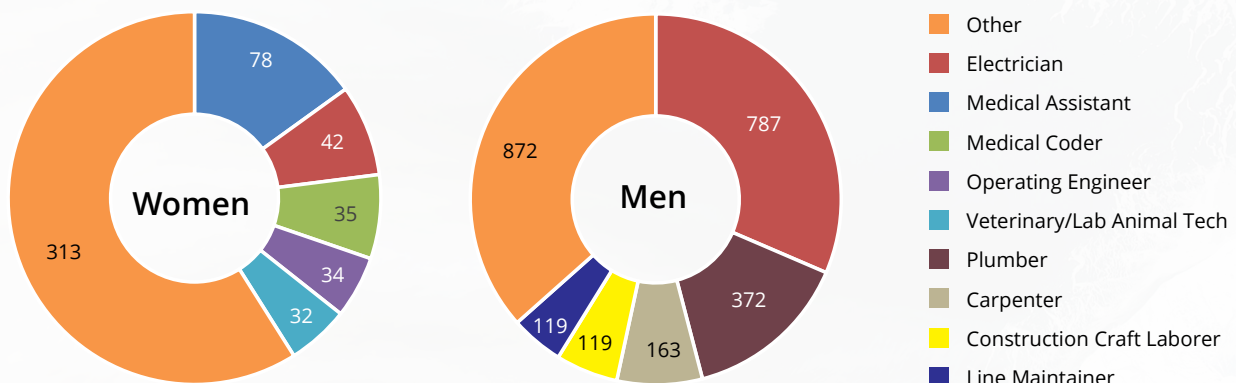
Do men and women choose different types of apprenticeships?

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 medical coder.

en, only electrician overlaps. Many other occupations are grouped into the "other" slice shown below. See the footnote for the biggest occupations in that category and the appendix for more detail about the types of apprenticeships men and women choose.

In the top five lists for men and wom-

2022 apprenticeship types by gender



Note: For women, the "other" category is primarily Nurse Assistant, Carpenter, Community Health Worker, Construction Craft Laborer, Medical Secretary, Dental Assistant, and Pharmacist Technician. See the appendix for a full list.

Note: For men, the "other" category is primarily Maintenance Mechanic (both tele and construction/petrol), Sprinkler Fitter, Operating Engineer, Structural Steel Worker, Residential Wireman, and Cement Mason. See the appendix for a full list.

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 an apprenticeship in 2021, 96 percent worked for Alaska employers in the next year with an average wage of \$79,000 — well above the overall average wage of \$62,000.



Apprenticeships

APPENDIX

Apprenticeship program sponsors and target occupations, 2022

Program sponsor	Target occupation	Number of apprentices*
Associated Builders and Contractors of Alaska, Inc.	Electrician (Alternate Title: Interior Electrician)	295
Alaska Joint Electrical Apprenticeship and Training Trust	Electrician (Alternate Title: Interior Electrician)	228
Alaska Carpenters Training Trust	Carpenter	178
Alaska Joint Electrical Apprenticeship and Training Trust	Maintenance Mechanic, Tele	134
Alaska Laborers Joint Apprenticeship Training Committee	Construction Craft Laborer	132
Alaska Operating Engineers/Employers Training Trust	Operating Engineer	103
Alaska Joint Electrical Apprenticeship and Training Trust	Line Maintainer (Alternate Title: High Voltage Electrician)	99
Associated Builders and Contractors of Alaska, Inc.	Plumber	87
Alaska Primary Care Association	Medical Assistant	70
Alaska Operating Engineers/Employers Training Trust	Maint Mechanic (Const; Petrol))	57
Fairbanks Area Plumbers & Pipefitters JATC	Sprinkler Fitter (Existing Title: Pipe Fitter)	56
Alaska Ironworkers Joint Apprenticeship Training Committee	Structural Steel Worker	53
Anchorage Alaska Area Pipe Trades Local 367 JATC	Plumber	44
Alaska Trowel Trades JATC	Cement Mason	40
Vannoy Electric	Electrician (Alternate Title: Interior Electrician)	38
State of Alaska Division of Alaska Pioneer Homes	Nurse Assistant	34
Alaska Carpenters Training Trust	Carpenter, Piledriver	32
Alaska Primary Care Association	Community Health Worker	32
New Hope Apprenticeship Training	Electrician (Alternate Title: Interior Electrician)	32
Alaska Southcentral / Southeastern Sheet Metal Workers JATC	Heating, Ventilation, Air Conditioning	31
Anchorage Alaska Area Pipe Trades Local 367 JATC	Sprinkler Fitter (Existing Title: Pipe Fitter)	30
Alaska Primary Care Association	Medical Secretary	27
International Union of Painters & Allied Trades Local 1959 JATC	Painter (Const)	26
Teck Alaska, Incorporated	Plant Operator	23
Alaska Primary Care Association	Medical Coder (Alternate Title: Patient Administration Specialist)	22
Alaska Primary Care Association	Pharmacist Assistant (Alternate Title: Pharmacy Technician)	22
Alaska Clearwater Mechanical, LLC	Plumber	20
Alaska Southcentral / Southeastern Sheet Metal Workers JATC	Sheet Metal Worker	20
Signet Ring Vocational Center	Truck Driver, Heavy	19
Juneau Plumbers Joint Apprenticeship Training Committee	Plumber	17
Premier Electric, LLC	Electrician (Alternate Title: Interior Electrician)	16
Alaska Joint Electrical Apprenticeship and Training Trust	Unknown or unavailable	15
Anchorage Plumbing & Heating, Inc.	Plumber	15
Associated Builders and Contractors of Alaska, Inc.	Sheet Metal Worker	15
Alaska Primary Care Association	Health Information Technology Specialist	13
Alaska Village Electric Cooperative, Inc.	Line Maintainer (Alternate Title: High Voltage Electrician)	13
Happy Tails, Inc. dba Midnight Sun Animal Hospital & Emergency Care	Veterinary/Lab Animal Tech (Alternate Title: Animal Care Specialist)	13
Teck Alaska, Incorporated	Millwright	13
Akiak School	Teacher Aide I	12
Alaska Primary Care Association	Dental Assistant (Alternate Title: Dental Specialist)	12
International Union of Painters & Allied Trades Local 1959 JATC	Glazier	12
Alaska Joint Electrical Apprenticeship and Training Trust	Tree Trimmer (Line Clear)	11
Legacy Builders Painters Academy	Painter (Const)	11
Signet Ring Vocational Center	Peer Specialist	11
Alaska Teamster - Employer Service Training Trust	Construction Driver	10
Foundation Health Partners	Central Sterile Processing Technician	10
New Hope Apprenticeship Training	Residential Wireman	10
Supreme Electric LLC	Electrician (Alternate Title: Interior Electrician)	10
907 Electric Inc.	Electrician (Alternate Title: Interior Electrician)	9
Alaska Department of Corrections	Cook (Any Ind) (Alternate Title: Nutrition Care Specialist)	9
Circle Plumbing and Heating	Plumber	9
Extreme Heating & Air, Inc.	Plumber	9
Fairbanks Area Plumbers & Pipefitters JATC	Plumber	9
Foundation Health Partners	Surgical Technologist	9
Teck Alaska, Incorporated	Maint Mechanic (Const; Petrol)	9
Tesla Electric, LLC.	Electrician (Alternate Title: Interior Electrician)	9
Alaska Department of Corrections	Maintenance Repairer, Build	8
Alaska Department of Corrections	Material Coordinator	8
Alaska Operating Engineers/Employers Training Trust	Lubrication Svc Material Disposal Tech	8
Alaska Primary Care Association	Direct Support Specialist	8
Valley Mechanical Contracting, Inc.	Plumber	8
Western Power Engineering	Electrician (Alternate Title: Interior Electrician)	8
Associated Builders and Contractors of Alaska, Inc.	Carpenter	7
Beckley Mechanical Company	Plumber	7
Fairbanks Area Sheet Metal Workers JATC	Sheet Metal Worker	7
Tier 1 Veterinary Medical Center	Veterinary/Lab Animal Tech (Alternate Title: Animal Care Specialist)	7
Trident Seafoods Corporation	Electrician (Alternate Title: Interior Electrician)	7

Apprenticeship program sponsors and target occs, 2022 (cont.)

Program sponsor	Target occupation	Number of apprentices*
Alaska Power & Telephone	Line Maintainer (Alternate Title: High Voltage Electrician)	6
Anchorage Alaska Area Pipe Trades Local 367 JATC	Heating, Ventilation, Air Conditioning	6
Associated Builders and Contractors of Alaska, Inc.	Sprinkler Fitter (Existing Title: Pipe Fitter)	6
DRS Electric, LLC	Electrician (Alternate Title: Interior Electrician)	6
G2 Construction, Inc.	Electrician (Alternate Title: Interior Electrician)	6
Intel Electric	Electrician (Alternate Title: Interior Electrician)	6
M & J Plumbing & Heating, Inc.	Plumber	6
Moore Heating & Air Conditioning	Plumber	6
Pitcher Electric, Inc.	Electrician (Alternate Title: Interior Electrician)	6
Renewable Energy Systems	Electrician (Alternate Title: Interior Electrician)	6
TEC PRO LTD	Electrician (Alternate Title: Interior Electrician)	6
University of Alaska Anc, Center for Strategic Partnerships and Research	Diesel Mechanic	6
Alaska Carpenters Training Trust	Scaffold Erector (Existing Title: Carpenter, Rough)	5
Alaska Department of Corrections	Baker (Bake Produce)	5
Alaska Heat & Frost Insulators & Allied Workers JATC	Insulator (Thermal) (Existing Title: Insulation Worker)	5
Alaska Ironworkers Joint Apprenticeship Training Committee	Structural Metal Fabricator And Fitter	5
Alaska Native Tribal Health Consortium	Counselor	5
All-Star Plumbing & Heating, LLC	Plumber	5
Alpine Electric	Electrician (Alternate Title: Interior Electrician)	5
Always On Call Mountain Mechanical	Plumber	5
Capstone Electric, LLC	Electrician (Alternate Title: Interior Electrician)	5
Daleco Plumbing	Plumber	5
Ayers Plumbing & Heating, LLC	Plumber	5
Encore Electric, LLC	Electrician (Alternate Title: Interior Electrician)	5
Integrity Electric, Inc.	Electrician (Alternate Title: Interior Electrician)	5
Mat-Su Mechanical, Inc.	Plumber	5
Partusch Plumbing & Heating	Plumber	5
Prism Design & Construction	Electrician (Alternate Title: Interior Electrician)	5
Raven Electric, Inc.	Electrician (Alternate Title: Interior Electrician)	5
Sitka Electric Company	Electrician (Alternate Title: Interior Electrician)	5
SouthEast Regional Health Consortium	Medical Assistant	5
Warbelow's Air Ventures, Inc.	Airframe & Power Plant Mechanic	5
Alaska Vocational Technical Center	Network Support Technician	4
Associated Builders and Contractors of Alaska, Inc.	Unknown or unavailable	4
Boiler Man Plumbing & Heating, Inc.	Plumber	4
CCI Industrial Services - Bristol Bay Industrial	Electrician (Alternate Title: Interior Electrician)	4
Central Mechanical, Incorporated	Plumber	4
Ear Nose & Throat Clinic, Inc.	Medical Coder (Alternate Title: Patient Administration Specialist)	4
Elec-Tek	Electrician (Alternate Title: Interior Electrician)	4
Frontier Electrical Services, LLC	Electrician (Alternate Title: Interior Electrician)	4
Hard Rock Plumbing and Heating, LLC	Plumber	4
Hecla Greens Creek Mining Company	Electrician (Alternate Title: Interior Electrician)	4
Holland America Princess Alaska - Yukon	Diesel Mechanic	4
Hunter Mechanical International Corporation	Plumber	4
Knikatu Inc. dba Last Frontier Electric, LLC	Residential Wireman	4
Miranda Electric, Incorporated	Electrician (Alternate Title: Interior Electrician)	4
North Lit Electric, LLC	Residential Wireman	4
Northern Solutions LLC	Machinist (Alternate Title: Precision Machinist)	4
Safe-T-Way Electric, Incorporated	Electrician (Alternate Title: Interior Electrician)	4
Scott's Heating & Plumbing Services, Inc.	Plumber	4
Solid Ground Electric, LLC	Residential Wireman	4
Teck Alaska, Incorporated	Electrician, Maintenance	4
Yukon Kuskokwim Health Corporation	Electrician (Alternate Title: Interior Electrician)	4

*An apprentice in 2022 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 2022

Target occupations for all apprentices enrolled in 2022

Target occupation	Number of apprentices*
Electrician (Alternate Title: Interior Electrician)	845
Plumber	384
Carpenter	188
Construction Craft Laborer	136
Maintenance Mechanic, Tele	134
Line Maintainer (Alternate Title: High Voltage Electrician)	123
Operating Engineer	104
Medical Assistant	93
Sprinkler Fitter (Existing Title: Pipe Fitter)	92
Maint Mechanic (Const; Petrol)	66
Structural Steel Worker	53
Sheet Metal Worker	44
Residential Wireman	43
Cement Mason	40
Heating, Ventilation, Air Conditioning	40
Painter (Const)	40
Unknown/Unavailable	39
Medical Coder (Alternate Title: Patient Administration Specialist)	39
Veterinary/Lab Animal Tech (Alternate Title: Animal Care Specialist)	38
Nurse Assistant	34
Carpenter, Piledriver	32
Community Health Worker	32
Medical Secretary	30
Dental Assistant (Alternate Title: Dental Specialist)	24
Pharmacist Assistant (Alternate Title: Pharmacy Technician)	24
Plant Operator	23
Truck Driver, Heavy	21
Millwright	17
Surgical Technologist	15
Teacher Aide I	14
Health Information Technology Specialist	13
Peer Specialist	13
Glazier	12
Construction Driver	11
Optician Dispensing	11
Tree Trimmer (Line Clear)	11
Central Sterile Processing Technician	10
Diesel Mechanic	10
Cook (Any Ind) (Alternate Title: Nutrition Care Specialist)	9
Direct Support Specialist	8
Insulator (Thermal) (Existing Title: Insulation Worker)	8
Lubrication Svc Material Disposal Tech	8
Maintenance Repairer, Build	8
Material Coordinator	8
Machinist (Alternate Title: Precision Machinist)	7
Airframe & Power Plant Mechanic	6
Baker (Bake Produce)	5
Counselor	5
Laboratory Assistant	5
Scaffold Erector (Existing Title: Carpenter, Rough)	5
Structural Metal Fabricator And Fitter	5
Cosmetologist/Hair Stylist	4
Electrician, Maintenance	4
Network Support Technician	4
Barber	3
Line Erector (Power Line Distribution Erector)	3
Orthotics Technician	2
Welder-Fitter	2
Automotive Mechanic (Existing Title: Automobile Mechanic)	1
Electric Meter Repairer	1
Floor Layer	1
Information Assurance Specialist	1
Power Plant Operator	1
Tile Finisher	1

Apprentices and target occupations by gender, 2022

WOMEN

Target occupation	2022 apprentices*
Medical Assistant	78
Electrician	42
Medical Coder	35
Veterinary/Lab Animal Tech	34
Nurse Assistant	32
Community Health Worker	28
Operating Engineer	28
Carpenter	24
Medical Secretary	24
Construction Craft Laborer	22
Dental Assistant	20
Pharmacist Assistant	20
Maintenance Mechanic, Tele	15
Teacher Aide I	12
Surgical Technologist	11
Health Info Technology Specialist	10
Optician Dispensing	8
Peer Specialist	7
Sprinkler Fitter (Existing Title: Pipe Fitter)	7
Truck Driver, Heavy	7
Central Sterile Processing Technician	6
Direct Support Specialist	6
Plumber	5
Carpenter, Piledriver	4
Counselor	4
Line Maintainer	4
Plant Operator	4
Cosmetologist/Hair Stylist	3
Electrician, Maintenance	3
Laboratory Assistant	3
Material Coordinator	3
Painter (Const)	3
Sheet Metal Worker	3
Structural Steel Worker	3
Construction Driver	2
Maintenance Repairer, Build	2
Millwright	2
Baker (Bake Produce)	1
Barber	1
Cement Mason	1
Cook (Any Ind)	1
Insulator (Thermal)	1
Lubrication Svc Material Disposal Tech	1
Maint Mechanic (Const; Petrol)	1
Network Support Technician	1
Residential Wireman	1
Structural Metal Fabricator And Fitter	1

MEN

Target occupation	2022 apprentices*
Electrician	787
Plumber	372
Carpenter	163
Line Maintainer	119
Maintenance Mechanic, Tele	119
Construction Craft Laborer	113
Sprinkler Fitter (Existing Title: Pipe Fitter)	85
Operating Engineer	76
Maint Mechanic (Const; Petrol)	65
Structural Steel Worker	49
Residential Wireman	42
Cement Mason	39
Heating, Ventilation, Air Conditioning	39
Sheet Metal Worker	39
Painter (Const)	37
Unknown/Unavailable	35
Carpenter, Piledriver	28
Plant Operator	19
Millwright	15
Medical Assistant	13
Truck Driver, Heavy	13
Glazier	12
Tree Trimmer (Line Clear)	11
Diesel Mechanic	10
Construction Driver	8
Cook (Any Ind)	8
Insulator (Thermal)	7
Lubrication Svc Material Disposal Tech	7
Machinist	7
Airframe & Power Plant Mechanic	6
Peer Specialist	6
Maintenance Repairer, Build	5
Material Coordinator	5
Scaffold Erector	5
Baker (Bake Produce)	4
Central Sterile Processing Technician	4
Medical Secretary	4
Pharmacist Assistant	4
Structural Metal Fabricator And Fitter	4
Surgical Technologist	4
Community Health Worker	3
Dental Assistant	3
Health Info Technology Specialist	3
Line Erector	3
Medical Coder	3
Network Support Technician	3
Optician Dispensing	3
Veterinary/Lab Animal Tech	3
Direct Support Specialist	2
Laboratory Assistant	2
Nurse Assistant	2
Orthotics Technician	2
Teacher Aide I	2
Welder-Fitter	2
Automotive Mechanic	1
Electric Meter Repairer	1
Electrician, Maintenance	1
Floor Layer	1
Hair Stylist (Cosmetologist)	1
Information Assurance Specialist	1
Power Plant Operator	1
Tile Finisher	1

*An apprentice in 2022 includes anyone who engaged in apprenticeship activity that year, whether they started, finished, canceled, or were ongoing.

Apprentices and target occupations by race, 2022

Target occupation	APPRENTICES* BY RACE			
	Asian/Pac Islander	Black	Alaska Native	White
Airframe & Power Plant Mechanic	0	0	0	6
Automotive Mechanic (Existing Title: Automobile Mechanic)	0	0	0	1
Baker (Bake Produce)	1	1	0	3
Barber	1	0	0	0
Carpenter	16	11	27	122
Carpenter, Piledriver	0	2	1	29
Cement Mason	14	1	5	20
Central Sterile Processing Technician	2	1	0	7
Community Health Worker	7	9	0	13
Construction Craft Laborer	9	16	31	75
Construction Driver	0	1	0	9
Cook (Any Ind) (Alternate Title: Nutrition Care Specialist)	0	7	0	1
Cosmetologist/Hair Stylist	2	0	0	2
Counselor	0	0	2	2
Dental Assistant (Alternate Title: Dental Specialist)	4	0	8	10
Diesel Mechanic	0	0	1	5
Direct Support Specialist	2	1	0	5
Electrician (Alternate Title: Interior Electrician)	28	31	86	618
Electrician, Maintenance	0	0	4	0
Floor Layer	0	0	0	1
Glazier	0	0	2	9
Health Information Technology Specialist	2	0	1	9
Heating, Ventilation, Air Conditioning	1	0	1	32
Information Assurance Specialist	0	0	0	1
Insulator (Thermal) (Existing Title: Insulation Worker)	2	0	1	5
Laboratory Assistant	1	0	1	0
Line Erector (Power Line Distribution Erector)	1	0	0	2
Line Maintainer (Alternate Title: High Voltage Electrician)	6	0	15	100
Lubrication Svc Material Disposal Tech	0	0	3	5
Machinist (Alternate Title: Precision Machinist)	0	0	1	5
Maint Mechanic (Const; Petrol)	1	1	16	47
Maintenance Mechanic, Tele	8	2	15	104
Maintenance Repairer, Build	0	0	2	5
Material Coordinator	1	2	2	2
Medical Assistant	11	5	14	53
Medical Coder (Alternate Title: Patient Admin Specialist)	6	2	6	19
Medical Secretary	7	2	6	14
Millwright	0	0	14	2
Network Support Technician	0	0	4	0
Nurse Assistant	20	0	0	14
Operating Engineer	4	2	22	75
Optician Dispensing	2	0	1	6
Orthotics Technician	0	0	0	2
Painter (Const)	0	10	2	23
Peer Specialist	3	4	1	0
Pharmacist Assistant (Alternate Title: Pharmacy Technician)	2	0	12	9
Plant Operator	0	0	21	1
Plumber	7	11	38	257
Power Plant Operator	0	0	1	0
Residential Wireman	0	0	6	33
Scaffold Erector (Existing Title: Carpenter, Rough)	1	0	1	3
Sheet Metal Worker	3	3	4	29
Sprinkler Fitter (Existing Title: Pipe Fitter)	1	0	12	74
Structural Metal Fabricator And Fitter	0	0	0	5
Structural Steel Worker	7	5	5	18
Surgical Technologist	0	1	0	11
Teacher Aide I	0	0	13	1
Tile Finisher	0	0	0	1
Tree Trimmer (Line Clear)	0	1	2	8
Truck Driver, Heavy	4	7	0	6
Veterinary/Lab Animal Tech	0	0	2	26
Welder-Fitter	1	0	1	0

*An apprentice in 2022 includes anyone who engaged in apprenticeship activity that year, whether they started, finished, canceled, or were ongoing.

Apprenticeship outcomes by race for those who completed in 2021

WHITE

Target occupation	Completers	Employed within 1 year	Avg wage within 1 yr
Electrician (Alternate Title: Interior Electrician)	212	85.8%	\$87,475
Plumber	54	96.3%	\$81,924
Sprinkler Fitter (Existing Title: Pipe Fitter)	52	92.3%	\$74,525
Operating Engineer	51	96.1%	\$86,130
Construction Craft Laborer	47	93.6%	\$74,924
Line Maintainer (Alternate Title: High Voltage Electrician)	43	88.4%	\$145,955
Carpenter	39	92.3%	\$79,985
Maintenance Mechanic, Tele	38	94.7%	\$99,140
Medical Assistant	24	91.7%	\$42,969
Counselor	19	73.7%	\$52,702
Dental Assistant (Alternate Title: Dental Specialist)	16	68.8%	\$39,563
Carpenter, Piledriver	14	100%	\$102,950
Sheet Metal Worker	13	92.3%	\$82,892
Nurse Assistant	12	75.0%	\$52,904
Structural Steel Worker	12	91.7%	\$74,832
Tree Trimmer (Line Clear)	12	91.7%	\$85,482
Medical Coder (Alternate Title: Patient Administration Specialist)	11	100%	\$48,174
Central Sterile Processing Technician	10	100.0%	\$49,362
Medical Secretary	8	87.5%	\$40,133
Maint Mechanic	7	85.7%	\$101,437
Construction Driver	6	100%	\$97,643
Maintenance Repairer, Build	6	83.3%	\$24,338
Phlebotomist	6	66.7%	Suppressed
Veterinary/Lab Animal Tech (Alternate Title: Animal Care Specialist)	6	100%	\$44,744
Cement Mason	5	100%	\$71,575
Glazier	5	100%	\$68,402
Residential Wireman	5	80.0%	Suppressed
Surgical Technologist	5	60.0%	Suppressed
Cook (Any Ind) (Alternate Title: Nutrition Care Specialist)	4	50.0%	Suppressed
Health Information Technology Specialist	4	50.0%	Suppressed
Heating, Ventilation, Air Conditioning	4	75.0%	Suppressed
Scaffold Erector (Existing Title: Carpenter, Rough)	4	100%	Suppressed
Baker (Bake Produce)	3	0%	\$0
Community Health Worker	3	66.7%	Suppressed
Pharmacist Assistant (Alternate Title: Pharmacy Technician)	3	100%	Suppressed
Surveyor Assistant Instrument	3	100%	Suppressed
Airframe & Power Plant Mechanic	2	100%	Suppressed
Insulator (Thermal) (Existing Title: Insulation Worker)	2	50.0%	Suppressed
Laboratory Assistant	2	100%	Suppressed
Material Coordinator	2	0%	\$0
Able Seaman	1	100%	Suppressed
Cosmetologist	1	100%	Suppressed
Line Erector (Power Line Distribution Erector)	1	100%	Suppressed
Magnetic Resonance Imaging Tech	1	100%	Suppressed
Plant Operator	1	100%	Suppressed

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

Apprenticeship outcomes by race for those who completed in 2021

ALASKA NATIVE

Target occupation	Completers	Employed within 1 year	Avg wage within 1 yr
Electrician (Alternate Title: Interior Electrician)	24	79.2%	\$74,273
Medical Secretary	17	94.1%	\$46,086
Construction Craft Laborer	15	100%	\$79,496
Operating Engineer (Alternate Title: Heavy Construction Equipment Mechanic)	14	92.9%	\$97,081
Medical Coder (Alternate Title: Patient Administration Specialist)	11	100%	\$61,264
Sprinkler Fitter (Existing Title: Pipe Fitter)	9	100%	\$97,224
Medical Assistant	8	75.0%	\$43,279
Carpenter	7	100%	\$74,430
Millwright	6	100%	\$156,072
Community Health Worker	4	100%	Suppressed
Line Maintainer (Alternate Title: High Voltage Electrician)	4	50.0%	Suppressed
Maint Mechanic (Const; Petrol) (Alternate Title: Heavy-Wheel Vehicle Mechanic)	4	100%	Suppressed
Maintenance Mechanic, Tele	3	100%	Suppressed
Nurse Assistant	3	66.7%	Suppressed
Plumber	3	100%	Suppressed
Carpenter, Piledriver	2	100%	Suppressed
Insulator (Thermal) (Existing Title: Insulation Worker)	2	100%	Suppressed
Plant Operator	2	100%	Suppressed
Construction Driver	1	100%	Suppressed
Cook (Any Ind) (Alternate Title: Nutrition Care Specialist)	1	100%	Suppressed
Cosmetologist	1	100%	Suppressed
Counselor	1	100%	Suppressed
Dental Assistant (Alternate Title: Dental Specialist)	1	100%	Suppressed
Electrician, Maintenance	1	100%	Suppressed
Health Information Technology Specialist	1	100%	Suppressed
Information Assurance Specialist	1	100%	Suppressed
Maintenance Repairer, Build	1	100%	Suppressed
Phlebotomist	1	0%	\$0
Power Plant Operator	1	100%	Suppressed
Scaffold Erector (Existing Title: Carpenter, Rough)	1	100%	Suppressed
Sheet Metal Worker	1	100%	Suppressed
Structural Steel Worker (Alternate Titles: Ironworker Or Structural Ironworker)	1	100%	Suppressed
Surgical Technologist	1	100%	Suppressed
Welder, Combination	1	100%	Suppressed

ASIAN/PACIFIC ISLANDER

Target occupation	Completers	Employed within 1 year	Avg wage within 1 yr
Nurse Assistant	30	76.7%	\$60,837
Medical Secretary	9	77.8%	\$48,651
Electrician (Alternate Title: Interior Electrician)	8	87.5%	\$98,374
Carpenter	6	83.3%	\$71,721
Medical Coder (Alternate Title: Patient Administration Specialist)	6	83.3%	\$75,573
Construction Craft Laborer	3	100%	Suppressed
Operating Engineer	3	100%	Suppressed
Sprinkler Fitter (Existing Title: Pipe Fitter)	3	100%	Suppressed
Central Sterile Processing Technician	2	100%	Suppressed
Counselor	2	50.0%	Suppressed
Dental Assistant (Alternate Title: Dental Specialist)	2	100%	Suppressed
Medical Assistant	2	100%	Suppressed
Plumber	2	50.0%	Suppressed
Structural Steel Worker	2	100%	Suppressed
Community Health Worker	1	100%	Suppressed
Construction Driver	1	100%	Suppressed
Glazier	1	100%	Suppressed
Health Information Technology Specialist	1	100%	Suppressed
Line Maintainer (Alternate Title: High Voltage Electrician)	1	100%	Suppressed
Optician Dispensing	1	0%	\$0
Surveyor Assistant Instrument	1	100%	Suppressed
Truck Driver, Heavy	1	100%	Suppressed

Apprenticeship outcomes by race for those who completed in 2021

BLACK

Target occupation	Completers	Employed within 1 year	Avg wage within 1 yr
Construction Craft Laborer	7	100%	\$55,896
Electrician (Alternate Title: Interior Electrician)	5	80%	Suppressed
Material Coordinator	5	20%	Suppressed
Carpenter	3	100%	Suppressed
Operating Engineer	3	100%	Suppressed
Medical Assistant	2	100%	Suppressed
Sprinkler Fitter (Existing Title: Pipe Fitter)	2	100%	Suppressed
Baker (Bake Produce)	1	0%	\$0
Carpenter, Piledriver	1	100%	Suppressed
Community Health Worker	1	100%	Suppressed
Cook (Any Ind) (Alternate Title: Nutrition Care Specialist)	1	0%	\$0
Counselor	1	100%	Suppressed
Heating, Ventilation, Air Conditioning	1	100%	Suppressed
Nurse Assistant	1	100%	Suppressed
Scaffold Erector (Existing Title: Carpenter, Rough)	1	100%	Suppressed
Community Health Worker	1	100%	Suppressed
Construction Driver	1	100%	Suppressed
Glazier	1	100%	Suppressed
Health Information Technology Specialist	1	100%	Suppressed
Line Maintainer (Alternate Title: High Voltage Electrician)	1	100%	Suppressed
Optician Dispensing	1	0%	\$0
Surveyor Assistant Instrument	1	100%	Suppressed
Truck Driver, Heavy	1	100%	Suppressed

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