



# Advanced Transportation and Logistics

Far North  
Subregional Sector Profile



2023



## FIVE-YEAR OUTLOOK

**6%**  
sector job growth  
over next five years

**4,000+**  
annual job openings  
over next five years

**5%**  
of Far North's  
jobs

This project is supported by Strong Workforce Program (SWP) funding.



# Introduction

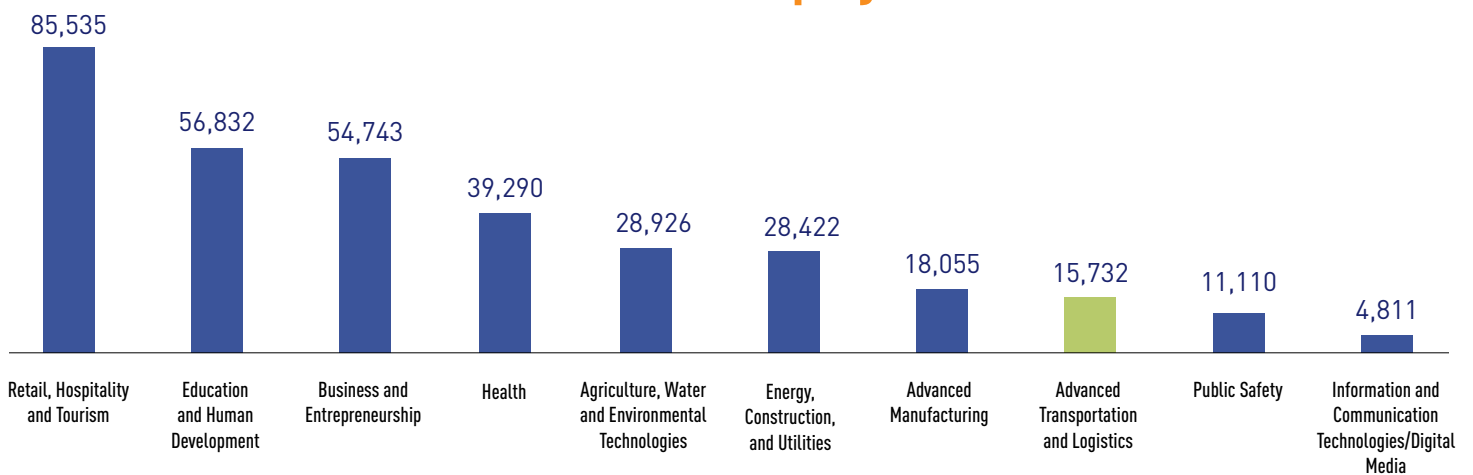
This sector profile highlights in-demand, middle-skill jobs that pay above a living wage. Middle-skill jobs, those which require education or training beyond a high school diploma but less than a bachelor's degree, are a critical component of the overall workforce and support the economic vitality of the region and the state.

This sector profile summarizes key data about current and projected workforce demand, hourly wages, job postings, and community college programs to support the goals of California's Strong Workforce Program (SWP).

SWP is an initiative designed to expand career education (CE) programs offered by the California Community Colleges to supply a skilled workforce to California's employers. The North Far North Regional Consortium (NFNRC) is charged with coordinating the planning and implementation of CE programs among community colleges within the 22-county North/Far North region, which includes the North (Greater Sacramento) and Far North subregions.

The Far North subregion encompasses 15 counties (Butte, Colusa, Del Norte, Glenn, Humboldt, Lake, Lassen, Mendocino, Modoc, Plumas, Shasta, Sierra, Siskiyou, Tehama, and Trinity) and seven community colleges (Butte, College of the Redwoods, College of the Siskiyou, Feather River, Lassen, Mendocino, and Shasta).

## Far North 2021 Sector Employment



# SECTOR Highlights



15,732  
Jobs in 2021

16,698  
Projected Jobs in 2026

6%  
Projected Job Growth,  
2021-2026

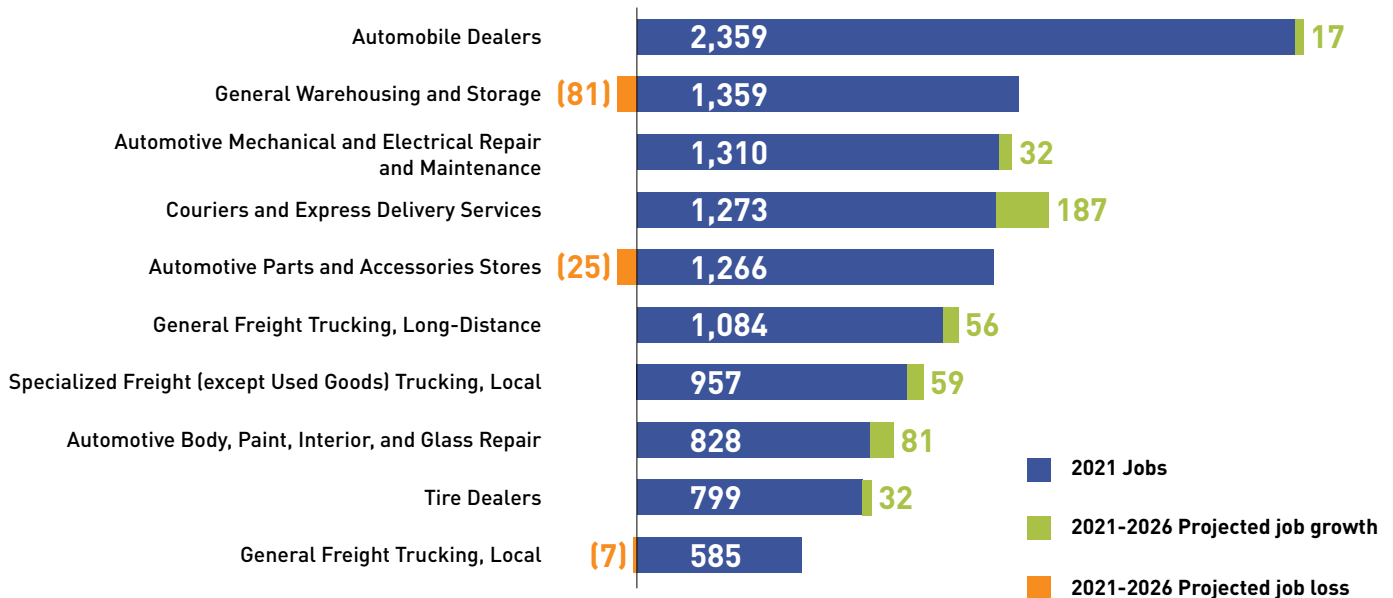
966  
New Jobs by 2026

1,549  
Businesses

4.6%  
% of Far North  
Employment, 2021

Note: The Advanced Transportation and Logistics sector includes 71 distinct 6-digit NAICS codes. Contact the NFN COE for a complete listing of NAICS codes by sector.

## Employment by Industry Subsector

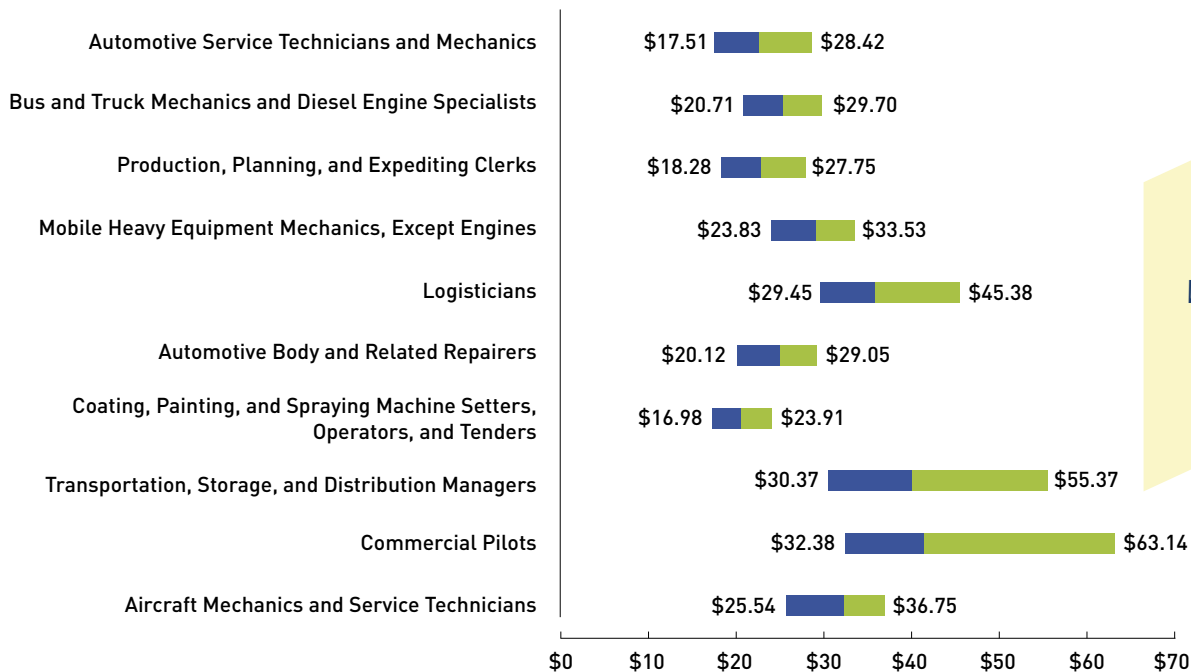


# Priority Middle-Skill Occupations

Occupation	2021 Jobs	2021-2026 Projected % Change	2021-2026 Average Annual Openings	Typical Entry-Level Education
Automotive Service Technicians and Mechanics	1,593	1%	165	Postsecondary nondegree award
Bus and Truck Mechanics and Diesel Engine Specialists	572	8%	63	High school diploma or equivalent
Production, Planning, and Expediting Clerks	511	6%	60	High school diploma or equivalent
Mobile Heavy Equipment Mechanics, Except Engines	452	7%	52	High school diploma or equivalent
Logisticians	431	14%	52	Bachelor's degree
Automotive Body and Related Repairers	286	11%	34	High school diploma or equivalent
Transportation, Storage, and Distribution Managers	308	4%	26	High school diploma or equivalent
Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	207	10%	26	High school diploma or equivalent
Commercial Pilots	144	22%	24	High school diploma or equivalent
Aircraft Mechanics and Service Technicians	161	12%	18	Postsecondary nondegree award

Note: Jobs for the above occupations may not solely exist in this sector and may be found in other sectors that require related services. Projected change includes new job growth and replacements.

## Middle-Skill Hourly Wage Ranges



*These occupations pay a starting wage at or above the subregion's living wage.*

Note: The hourly wage ranges include the 25th percentile (entry-level), median, and 75th percentile (experienced) hourly earnings for workers employed in these occupations across the Far North subregion where the minimum wage in 2021 was \$15.

# Priority Middle-Skill Job Postings



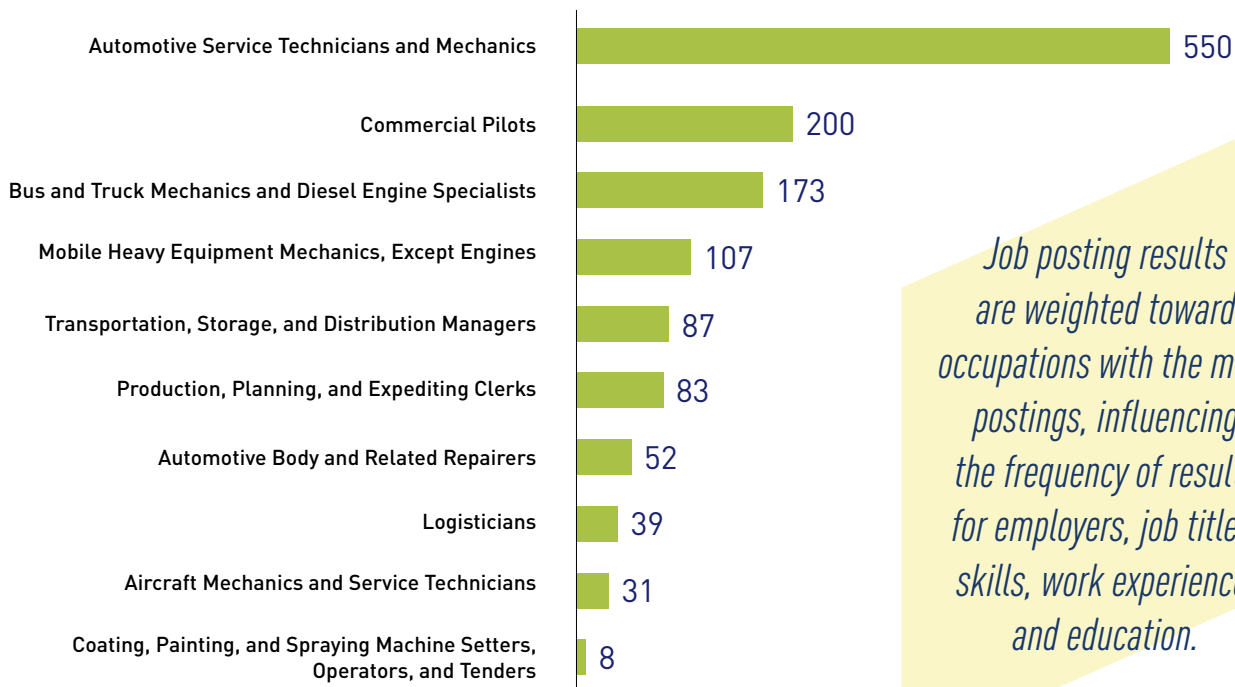
*Posting intensity is the ratio of duplicated to unique job postings. A higher-than-average posting intensity can mean employers are putting more effort into hiring.*

1,330  
Online Job Postings

3:1  
Posting Intensity  
(Regional Average 3:1)

Note: Job postings count the number of online job postings advertised in the 15-county Far North subregion between January 1, 2022 - March 31, 2023. Postings are limited to in-state employers and exclude staffing companies. Job posting results represent the top 10 priority middle-skill occupations.

## Job Postings by Occupation



*Job posting results are weighted toward occupations with the most postings, influencing the frequency of results for employers, job titles, skills, work experience, and education.*



## Top Employers & Job Titles

### Employers with the Most Postings

Reach Air Medical Services  
 Les Schwab Tire Center  
 Walmart  
 TravelCenters of America  
 Med-Trans Corporation

### Job Titles with the Most Postings

Service Technicians  
 Fixed Wing/Helicopter/Rotor Wing Pilots  
 Diesel Mechanics  
 Automotive Technicians/Mechanics  
 Heavy Equipment Mechanics

## Most In-Demand Skills

### Specialized Skills

- Diesel Engines
- Tires
- Batteries
- Mechanics
- Federal Aviation Administration Regulations

### Soft Skills

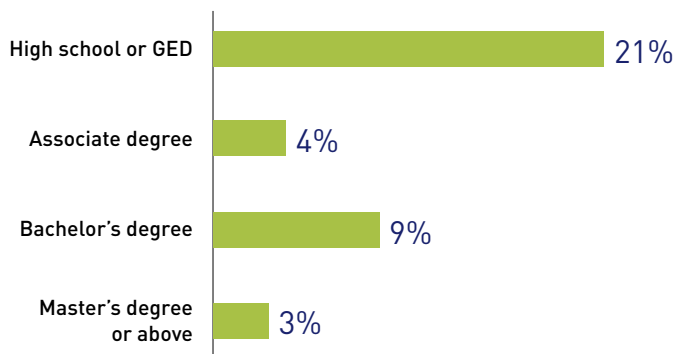
- Customer Service
- Communications
- Troubleshooting (Problem-Solving)
- Operations
- Sales

### Software and Technical Skills

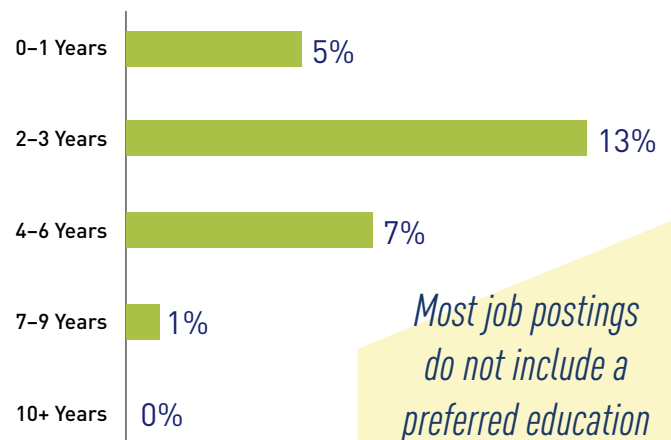
- Microsoft Office (Access, Excel, Outlook, PowerPoint, Word)
- Fleet Maintenance Software
- SAP Applications
- Business Software
- Inventory Control Systems

## Education & Experience in Postings

### Employer-Preferred Education



### Employer-Preferred Work Experience



*Most job postings do not include a preferred education or experience level.*

# Community College Programs



Butte College	College of the Redwoods	College of the Siskiyou	Feather River College	Lassen College	Mendocino College	Shasta College
Automotive Technology	Automotive Technology	None	None	Advanced Mechanics	Advanced Automotive Hybrid and Electric Vehicles	Automotive Technology
Auto Technology – Honda Certification	Automotive Maintenance & Light Repair			Automotive Chassis and Maintenance	Advanced Automotive Chassis Specialist	Diesel Technology
Diesel Technology	Diesel Technology			Automotive Technology	Automotive Technician	Heavy Equipment Logging Operations and Maintenance
Heavy Equipment Operator Technician				Engine Repair	Automotive Technology	Smog Inspection and Repair Technician
					Automotive Tune-Up and Electronics Specialist	





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## Sources

- Lightcast 2022.4 - QCEW Employees, Non-QCEW Employees, and Self-Employed
- Centers of Excellence for Labor Market Research Occupation Crosswalk
- California Community Colleges Chancellor's Office LaunchBoard
- California Community Colleges Chancellor's Office DataMart
- Integrated Postsecondary Education Data System (IPEDS)
- California Community Colleges Curriculum Inventory (COCI)

## Disclaimers:

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