

# NORTH DAKOTA IN-DEMAND OCCUPATIONS



## ARCHITECTURE AND ENGINEERING

- **Architects, Except Landscape and Naval**
- **Architectural and Civil Drafters \***
- **Civil Engineering Technologists and Technicians \***
- **Engineers**
  - Chemical Engineers
  - Civil Engineers
  - Engineers, All Other
  - Environmental Engineers
  - Electrical Engineers
  - Electronics Engineers, Except Computer
- Industrial Engineers
- Mechanical Engineers
- Petroleum Engineers
- **Electrical and Electronic Engineering Technologists and Technicians \***
- **Electro-Mechanical and Mechatronics Technologists and Technicians \***
- **Mechanical Engineering Technologists and Technicians \***
- **Surveyors \***

## ARTS, DESIGN, AND MEDIA

- **Commercial and Industrial Designers**
- **Public Relations Specialists**

## BUSINESS AND FINANCE

- **Accountants and Auditors**
- **Budget Analysts**
- **Buyers and Purchasing Agents**
- **Business Operations Specialists, All Other**
- **Compensation, Benefits, and Job Analysis Specialists**
- **Compliance Officers**
- **Cost Estimators**
- **Credit Analysts**
- **Financial and Investment Analysts**
- **Financial Examiners**
- **Financial Risk Specialists**
- **Financial Specialists, All Other**
- **Human Resources Specialists**
- **Labor Relations Specialists**
- **Loan Officers**
- **Logisticians**
- **Management Analysts**
- **Market Research Analysts and Marketing Specialists**
- **Personal Financial Advisors**
- **Project Management Specialists**
- **Property Appraisers and Assessors**
- **Tax Preparers**
- **Training and Development Specialists**

## COMMUNITY AND SOCIAL SERVICE

- **Child, Family, and School Social Workers**
- **Health Education Specialists**
- **Probation Officers and Correctional Treatment Specialists**
- **Social Workers, All Other**

## COMPUTER AND MATHEMATICAL

- **Computer Network Architects \***
- **Computer Network Support Specialists \***
- **Computer Occupations, All Other \***
- **Computer Programmers**
- **Computer Systems Analysts**
- **Data Scientists**
- **Database Administrators**
- **Information Security Analysts**
- **Network and Computer Systems Administrators**
- **Operations Research Analysts**
- **Software Developers**
- **Software Quality Assurance Analysts and Testers**
- **Web Developers \***
- **Web and Digital Interface Designers \***

## EDUCATION

- **Instructional Coordinators**
- **Teachers**
  - Adult Basic and Secondary Edu. and English as a Second Language Instructors
  - Career/Technical Education Teachers, Middle School
  - Career/Technical Education Teachers, Secondary School
  - Education and Childcare Administrators, Preschool and Daycare
  - Elementary School Teachers, Except Special Education
  - Kindergarten Teachers, Except Special Education
  - Middle School Teachers, Except Special and Career/Technical
  - Preschool Teachers, Except Special Education
  - Secondary School Teachers, Except Special and Career/Technical Education
  - Special Education Teachers, All Other
  - Special Education Teachers, Kindergarten and Elementary School
  - Special Education Teachers, Middle School
  - Special Education Teachers, Preschool
  - Special Education Teachers, Secondary School

## HEALTHCARE

- **Athletic Trainers**
- **Dental Assistants \***
- **Dental Hygienists \***
- **Diagnostic Medical Sonographers \***
- **Dietitians and Nutritionists**
- **Healthcare Practitioners and Technical Workers, All Other**
- **Health Technologists and Technicians**
  - Clinical Laboratory Technologists and Technicians \*
  - Emergency Medical Technicians \*
  - Health Technologists and Technicians, All Other \*
  - Magnetic Resonance Imaging Technologists \*
  - Nuclear Medicine Technologists \*
  - Ophthalmic Medical Technicians \*
  - Radiologic Technologists and Technicians \*
  - Surgical Technologists \*
  - Veterinary Technologists and Technicians \*
- **Medical Assistants \***
- **Nursing Assistants \***
- **Nurse**
  - Licensed Practical and Licensed Vocational Nurses \*
  - Registered Nurses \*
- **Occupational Therapy Assistants \***
- **Paramedics \***
- **Physical Therapist Assistants \***
- **Respiratory Therapists \***

## INSTALLATION, MAINTENANCE AND REPAIR

- **Aircraft Mechanics and Service Technicians \***
- **Automotive Service Technicians and Mechanics \***
- **Diesel Technician**
  - Bus and Truck Mechanics and Diesel Engine Specialists \*
  - Farm Equipment Mechanics and Service Technicians \*
  - Industrial Machinery Mechanics \*
- **Electrical and Electronics Repairers, Commercial and Industrial Equipment \***
- **Electrical and Electronics Repairers, Powerhouse, Substation, and Relay \***
- **Electrical Power-Line Installers and Repairers \***
- **Heating, Air Conditioning, and Refrigeration Mechanics and Installers \***
- **Medical Equipment Repairers \***
- **Millwrights \***
- **Mobile Heavy Equipment Mechanics, Except Engines \***
- **Recreational Vehicle Service Technicians \***
- **Telecommunications Equip. Installers and Repairers, Except Line Installers \***

## LEGAL

- **Paralegals and Legal Assistants \***

## LIFE, PHYSICAL, AND SOCIAL SCIENCE

- Agricultural Technicians \*
- Chemists
- Environmental Scientists and Specialists, Including Health
- Occupational Health and Safety Specialists
- Social Scientists and Related Workers, All Other
- Soil and Plant Scientists
- Urban and Regional Planners

## MANAGEMENT

- Administrative Services Managers
- Architectural and Engineering Managers
- Computer and Information Systems Managers
- Facilities Managers
- Financial Managers
- General and Operations Managers
- Human Resources Managers
- Industrial Production Managers
- Marketing Managers
- Medical and Health Services Managers
- Natural Sciences Managers
- Public Relations Managers
- Sales Managers
- Social and Community Service Managers
- Training and Development Managers

## PERSONAL CARE AND SERVICE

- Childcare Workers \*

## PROTECTIVE SERVICE

- Firefighters \*
- First-Line Supervisors of Firefighting and Prevention Workers \*
- Police and Sheriff's Patrol Officers \*

## SALES

- Sales Rep., Wholesale and Mfg., Technical and Scientific Products

## SKILLED TRADES

- Brick Masons and Block Masons \*
- Carpenters \*
- Construction Managers
- Electricians \*
- Gas Plant Operators \*
- Insulation Workers, Mechanical \*
- Machinists \*
- Plumbers, Pipefitters, and Steamfitters \*
- Power Distributors and Dispatchers \*
- Power Plant Operators \*
- Stationary Engineers and Boiler Operators \*
- Structural Iron and Steel Workers \*
- Welders, Cutters, Solderers, and Brazers \*
- Wind Turbine Service Technicians \*

## TRANSPORTATION

- Airfield Operations Specialists
- Air Traffic Controllers
- Commercial Pilots \*
- Heavy and Tractor-Trailer Truck Drivers \*

Emerging occupations may not have strong enough projections yet to make the list, but industry experts could attest to the demand. Registered Apprenticeship Programs are considered high demand. For a complete list of Registered Apprenticeships in North Dakota go to:

[jobsnd.com/jobseeker/apprenticeships](https://jobsnd.com/jobseeker/apprenticeships)

\* Represents WIOA Approved Program

The in-demand occupations list was created using long-term employment projections from the North Dakota Labor Market Information Center supplemented by data from the U.S. Bureau of Labor Statistics. The list is updated annually by the Workforce Development Council with assistance from Job Service North Dakota. The list is comprised of occupations that require some postsecondary education up to and including a bachelors degree. The factors used in creating the list are below:

*10-year % growth (CAGR) (2024-2034)*  
*10-year numeric growth (2024-2034)*  
*Annual openings (2024-2034)*  
*Current employment (2024)*  
*Median annual wage (2025)*  
*25th-percentile annual wage (2025)*  
*Wage competitiveness index (2025)*