

New Hampshire Job Outlook and Locator by Industry and Occupation

base year 201**6** to
projected year 202**6**



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Introduction

New Hampshire Job Outlook and Locator is a resource for job seekers, students, program planners, and career changers. More than 770 occupations are included, with detailed descriptions, estimated and projected employment, projected growth rate and openings, wages, training requirements, and more.

Job Outlook and Locator can help users “locate” the top industries that employed a particular occupation in 2016, as each occupation lists the top six industries in descending order of employment based on the share of total jobs in 2016.

- Job seekers may focus a job search by seeking opportunities in the industries most likely to employ workers in their occupation.
- Employment counselors may use this information to help clients explore new employment possibilities.
- Students may refer to training requirements and projections to plan for a future career.
- Businesses may determine which industries are competing for workers in the occupations they are looking to employ.

About the Data

Employment data in the *Job Locator* are based on the 2016-2026 projections of industries and occupations developed by New Hampshire Employment Security’s Economic and Labor Market Information Bureau for the base year of 2016 and projected to 2026.

Projections are based on historical trends and current knowledge. No assumptions are made about business cycle fluctuations, natural disasters, or other catastrophic events. It is assumed that there will be no major change in technology, productivity, or state or federal government policy.

Employment by industry data, known as staffing patterns, and wage data are obtained from the Bureau’s Occupational Employment Statistics (OES) Program. This program gathers data through a semi-annual mail and telephone survey of employers in cooperation with the US Department of Labor. The average (mean) wage for the occupation is provided as an hourly rate for most occupations. For occupations that do not have a standard work week, such as teachers or airline pilots, an annual average wage is provided.

Entry-Level Education, Work Experience, and Post-Hire Training

For each occupation, the typical education, related work experience, and post-hire training expected of entry-level workers have been identified. The first two categories show the educational attainment and work experience in a related occupation expected before an individual is employed. The last category refers to on-the-job training, apprenticeship, internship, or residency typically conducted after employment.

Educational Attainment

These categories indicate the typical level of education most workers need for an entry-level position in the occupation:

- Doctoral (PhD) or professional degree (i.e., MD, DD, JD, DC)
- Master's degree (i.e., MA, MS, MEd)
- Bachelor's degree (i.e., BS, BA, BFA)
- Associate's degree (i.e., AS, AA)
- Postsecondary non-degree award (program completion, i.e., CNA, cosmetologist)
- Some college, no degree
- High school diploma or equivalent (GED)
- No formal educational credential

Work Experience

Some occupations require work experience in a related occupation as an entry-level qualification. Frequently, these occupations are managerial or supervisory positions, where the worker performs the same job tasks as the workers under their supervision, such as *Retail supervisors*, *Marketing managers*, or *Construction managers*. Non-supervisory workers may also have an experience requirement, such as *Restaurant cooks* or *Industrial truck and tractor operators*. The work experience categories are: *less than five years*, *five years or more*, or *none*.

Post-Hire Training

This category identifies additional training or preparation typically needed to gain competency in the occupation once the worker is employed. This type of training is occupation-specific, not job-specific, meaning skills can be transferred to another job in the same occupation. The job training categories are:

- Internship or residency
- Apprenticeship
- Long-term on-the-job training (over 12 months)
- Moderate-term on-the-job training (one to 12 months)
- Short-term on-the-job training (one month or less of informal training)
- None

Occupational Outlook Indicators

Each occupation in the *Job Locator* includes a symbol that indicates the expected employment prospects for an occupation. The outlook is based on two factors: the projected growth rate and the projected number of openings for the occupation from 2016 to 2026.

- ↑ **Very Favorable.** Occupations that combine a high rate of growth and a large number of annual job openings are described as *very favorable*. These occupations are expected to provide the best employment opportunities through 2026.
- ↗ **Favorable.** Occupations that have a low rate of growth combined with a very high or high number of job openings are considered *favorable*. An occupation may also be *favorable* if the growth rate is better than average but the number of job openings is below average; or the growth rate is average and the number of job openings is average or better.
- ↘ **Less Favorable.** Occupations considered *less favorable* have better expected opportunities than the least favorable category, either because of a higher growth rate or a larger number of projected job openings.
- ↓ **Not Favorable.** Occupations identified as *not favorable* have a negative rate of growth and few annual openings per year. These occupations are not expected to be significant sources of jobs through 2026.

How to Use the Job Outlook & Locator

Occupations are listed numerically by six-digit Standard Occupational Code (SOC) or refer to the alphabetical index in the back of the book to select an occupation. Use the example below as a guide.

The diagram illustrates the layout of an occupation entry. Callout 1 points to the SOC code and title. Callout 2 points to the occupational descriptor. Callout 3 points to the occupational description. Callout 4 points to the training category. Callout 5 points to the wage and employment statistics. Callout 6 points to the industry list. Callout 7 points to the 'n' values in the industry list.

15-1122 Information Security Analysts ↑

Plan, implement, upgrade, or monitor security measures for the protection of computer networks and information. May ensure appropriate security controls are in place that will safeguard digital files and vital electronic infrastructure. May respond to computer security breaches and viruses.
Examples: Computer Security Specialist, Internet Security Specialist, Network Security Analyst

Training Category: Bachelor's | < 5 yrs | none

2017 Average Wage:	\$48.27
2016 Estimated Employment:	367
2026 Projected Employment:	469
Growth Rate, 2016-2026:	27.8%
Annual Openings:	37

Industry	2016 Share	2026 Share
524 Insurance Carriers and Related Activities	37.1%	36.0%
518 Data Processing, Hosting, and Related Services	15.8%	19.0%
5415 Computer Systems Design and Related Services	11.7%	14.5%
334 Computer and Electronic Product Manufacturing	n	n
522 Credit Intermediation and Related Activities	n	n
523 Financial Investment and Related Activities	n	n

- 1 **SOC code and Occupational Title:** For each occupation there is a six-digit numeric code designed to logically organize occupational data.
- 2 **Occupational Descriptor:** A designation that summarizes the projected growth prospects for this occupation. See page v for a detailed explanation of descriptors.
- 3 **Occupational Description:** A brief description of the occupation and its duties, along with examples of possible job titles.
- 4 **Education, Experience and Training:** Three categories that identify the education, work experience, and job training required for a worker to gain competency in a specific occupation. See page iv for a complete description and examples of education categories.
- 5 **2017 Mean (Average) Wage in New Hampshire:** Hourly wage based on the May 2016 Occupational Employment and Wages survey. For most occupations, this will be an hourly wage. For occupations with a non-standard workweek (teaching occupations, for example), an annual wage is given. An "n/a" indicates that wage is not available.
2016 Estimated Employment: Number of workers estimated to be employed in an occupation in 2016.
2026 Projected Employment: Number of workers projected to be employed in an occupation in 2026.
Growth Rate, 2016-2026: Percent change in employment from 2016 to 2026.
Annual Openings: Number of projected openings from growth and replacement needs, on an annual average basis, during the ten-year projections period.
- 6 **Industry and NAICS code:** A list of industries employing workers in this occupation, listed in decreasing order of 2016 share of employment. Up to six industries can be listed, identified by the corresponding North American Industrial Classification System (NAICS) code.
- 7 An 'n' indicates that the data do not meet disclosure standards.