

# New Hampshire Job Outlook and Locator by Industry and Occupation

base year 2014 to  
projected year 2024



State of New Hampshire  
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**June 2016**



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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 760 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 2014, as each occupation lists the top six industries in descending order of employment based on the share of total jobs in 2014.

- 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 2014-2024 projections of industries and occupations developed by New Hampshire Employment Security’s Economic and Labor Market Information Bureau for the base year of 2014 and projected to 2024.

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.

# Education, Work Experience, and Training

## Educational Requirements

Similar to the previous method of identifying education and training requirements, this category describes the typical level of education most workers need for an entry-level position in the occupation. The eight educational levels are:

- 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 related work experience as an entry-level qualification. Frequently, these occupations are first-line 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 and industrial truck and tractor operators. The work experience requirement levels are less than five years, five years or more, or none.

## Job Training

This category identifies any 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 internships or residencies, apprenticeship, long-term (more than 12 months) on-the-job training, moderate-term (between one and 12 months) on-the-job training, short-term (one month or less) on-the-job training, or none.

## Occupational Descriptors

*Job Outlook & Locator* includes **Occupational Descriptors**, a concept that uses four categories (very favorable, favorable, less favorable, and not favorable) to summarize the expected prospects for an occupation. The descriptors are based on two factors: the projected growth rate and the projected number of openings.

### Growth Rate

Occupations are assigned one of five categories based on the projected growth rate (annualized percentage change over ten years) in employment between 2014 and 2024.

- ▶ **Very Low:** Growth rate of 0.0 percent or less
- ▶ **Low:** Growth rate of 0.1 percent to 4.0 percent
- ▶ **Average:** Growth rate of 4.1 percent to 7.0 percent
- ▶ **High:** Growth rate of 7.1 percent to 12.0 percent
- ▶ **Very High:** Growth rate greater than 12.0

### Openings

Occupations are assigned to one of five categories based on the number of projected average annual openings from both growth and replacement needs.

- ▶ **Very Low:** Zero openings
- ▶ **Low:** One to five openings
- ▶ **Average:** Six to 10 openings
- ▶ **High:** 11 to 49 openings
- ▶ **Very High:** 50 or more openings

### Descriptor Categories

The five growth rate categories are combined with the five categories representing the number of projected openings to produce 25 possible results. These results are assigned one of four descriptive labels:

- ↑ **Very Favorable:** Those occupations that combine high growth and a large number of openings are described as very favorable and are expected to provide the best opportunities through 2024
- ↗ **Favorable:** Favorable occupations may have a low growth rate, but only if the projected openings are high or very high. An occupation may be designated as favorable if the growth rate is better than average but the number of openings is below average. Occupations with an average growth rate and average or better openings are also considered to be favorable.
- ↘ **Less Favorable:** These occupations have better expected opportunities than the least favorable category, either because of a higher growth rate or more projected openings.
- ↓ **Not Favorable:** Occupations in this category have a negative growth rate and fewer than four annual openings per year. These occupations are not expected to be significant sources of jobs through 2024

# 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.

**15-1141 Database Administrators**

Administer, test, and implement computer databases, applying knowledge of database management systems. Coordinate changes to computer databases. May plan, coordinate, and implement security measures to safeguard computer databases. *Examples: Database Management Systems Specialist; Database Security Administrator*

Training Category: Bachelor | < 5 yrs | none

2015 Average Wage:	\$ 40.45
2014 Estimated Employment:	507
2024 Projected Employment:	572
Growth Rate, 2014-2024:	12.8%
Annual Openings:	17

Industry	2014 Share	2024 Share
524 Insurance Carriers & Related Activities	16.0%	15.6%
State Government, ex. Education and Hospitals	10.5%	9.8%
5416 Management & Technical Consulting Svc	10.1%	11.9%
6113 Colleges and Universities	6.9%	6.5%
523 Financial Investment and Related Activities	n	n
5415 Computer Systems Design and Rel Services	n	n

- SOC code and Occupational Title:** For each occupation there is a six-digit numeric code designed to logically organize occupational data.
- Occupational Descriptor:** A designation that summarizes the projected growth prospects for this occupation. See page iv for a detailed explanation of descriptors.
- Occupational Description:** A brief description of the occupation and its duties, along with examples of possible job titles.
- 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.
- 2015 Mean (Average) Wage in New Hampshire:** Hourly wage based on the May 2015 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.  
**2014 Estimated Employment:** Number of workers estimated to be employed in an occupation in 2014.  
**2024 Projected Employment:** Number of workers projected to be employed in an occupation in 2024.  
**Growth Rate, 2014-2024:** Percent change in employment from 2014 to 2024.  
**Annual Openings:** Number of projected openings from growth and replacement needs, on an annual average basis, during the ten-year projections period.
- Industry and NAICS code:** A list of industries employing workers in this occupation, listed in decreasing order of 2014 share of employment. Up to six industries can be listed, identified by the corresponding North American Industrial Classification System (NAICS) code.
- An 'n' indicates that the data do not meet disclosure standards.