

For information on becoming a **Network Systems & Data Communications Analyst** see **Sources of additional information** within this brochure.

**For information on youth employment opportunities**, contact a career counselor at your high school or employment counselor or job and information center coordinator at your local NH Employment Security Office.

Berlin (752-5500)

151 Pleasant Street, P.O. Box 159, 03570-0159

Claremont (543-3111)

404 Washington Street, P.O. Box 180, 03743-0180

Concord (228-4100)

10 West Street, P.O. Box 1140, 03302-1140

Conway (447-5924)

518 White Mountain Highway, 03818-4205

Keene (352-1904)

109 Key Road, 03431-3926

Laconia (524-3960)

426 Union Avenue, Suite 3, 03246-2894

Lebanon (448-6340)

85 Mechanic Street, 03766-1506

Littleton (444-2971)

646 Union Street, Suite 100, 03561-5314

Manchester (627-7841)

300 Hanover Street, 03104-4957

Nashua (882-5177)

6 Townsend West, 03063-1217

Portsmouth (436-3702)

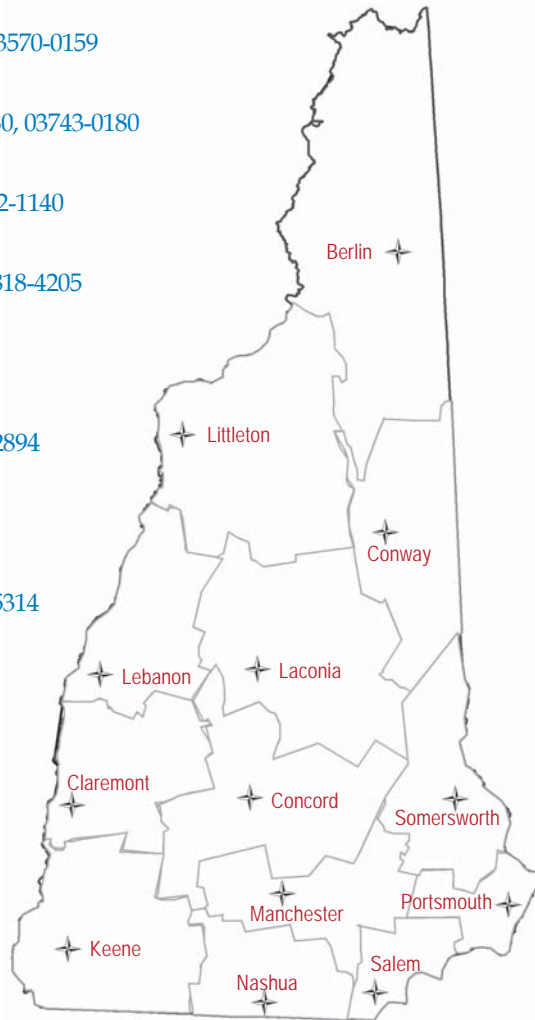
2000 Lafayette Road, 03801-5673

Salem (893-9185)

29 South Broadway, 03079-3026

Somersworth (742-3600)

6 Marsh Brook Drive, 03878-1595



For more information on this series of brochures, or to find out about our other products, contact us at:

New Hampshire Employment Security  
Economic and Labor Market Information Bureau  
32 South Main Street, Concord, NH 03301-4857

Phone: (603) 228-4124, E-mail: [elmi@nhes.nh.gov](mailto:elmi@nhes.nh.gov), Web site: [www.nh.gov/nhes/elmi](http://www.nh.gov/nhes/elmi)

SOC 15-1081  
NHCRN 03/09

# So, you want to be a ...



## Network System & Data Communications Analyst

### Information Technology

Projected to be among the fastest growing occupations  
(New Hampshire Occupational Projections, 2006-2016)

Here are a few things  
you should know.



Your gateway to New Hampshire workforce and career information



**You'll want to know a few things about this career**

**Average Hourly Wage**  
\$30.71

**Expected 10 year Growth**  
53%

**Average Annual Openings**  
71  
(Total Employment 964)

### Training/Education Needed

Associate's Degree, Apprenticeship, or Military Training  
Continuing education needed to stay abreast of technological advances.  
See Computer Engineer Programs available in NH at <http://nhetwork.nhes.state.nh.us/nhetwork/> (NHetwork)

### Basic Skills

Reading, listening, writing, speaking, math, science

### Job Skills

Problem-solving, analytical, communication, project management.  
(Also Active learning, operations analysis, technology design, instructing, critical thinking, system evaluation, quality control analysis, troubleshooting, complex problem solving)

**So, you want to be a ...**



## Network Systems & Data Communication Analyst

**Projected to be among the fastest growing occupation** (New Hampshire Occupational Projections, 2006-2016)

### Tasks

Source: O\*Net Online

1. Maintain needed files by adding and deleting files on the network server and backing up files to guarantee their safety in the event of problems with the network.
2. Monitor system performance and provide security measures, troubleshooting and maintenance as needed.
3. Assist users to diagnose and solve data communication problems.
4. Set up user accounts, regulating and monitoring file access to ensure confidentiality and proper use.
5. Design and implement systems, network configurations, and network architecture, including hardware and software technology, site locations, and integration of technologies.
6. Maintain the peripherals, such as printers, that are connected to the network.
7. Identify areas of operation that need upgraded equipment such as modems, fiber optic cables, and telephone wires.
8. Train users in use of equipment.
9. Develop and write procedures for installation, use, and troubleshooting of communications hardware and software.
10. Adapt and modify existing software to meet specific needs.

### Interests (Holland Code)

IRC

(Investigative, Realistic, Conventional)

### Interest Area

Information Technology

### Working Conditions

Generally comfortable well-lit office or computer lab

### Average Work Week

40 hours  
(Could require nights and weekends to meet deadlines or solve unexpected technical problems)

### Sources of Additional Information

NH Employment Security  
(Contact office nearest you or go online to [www.nh.gov/nhes](http://www.nh.gov/nhes))

Association for Computing Machinery  
2 Penn Plaza Suite 701  
New York, NY 10121  
[www.acm.org](http://www.acm.org)

IEEE Computer Society  
1730 Massachusetts Ave NW  
Washington, DC 20036  
[www.computer.org](http://www.computer.org)

National Workforce Center for Emerging Technologies  
Bellevue Community College  
3000 Landerholm Circle SE  
Bellevue, WA 98007  
[www.nwcet.org](http://www.nwcet.org)