

Let's go exploring, Career Exploring!

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NC Department of Commerce, LEAD



What does the Labor and Economic Analysis Division Do?



Career Exploring and Planning

... a series of steps to help clarify and determine short- and long-term career goals.



Reasons to Explore & Plan

- Provides flexibility, motivation and accountability.
- Prepare to take advantage of an opportunity.
- Understand Options.
- Something to refer to when a setback occurs.

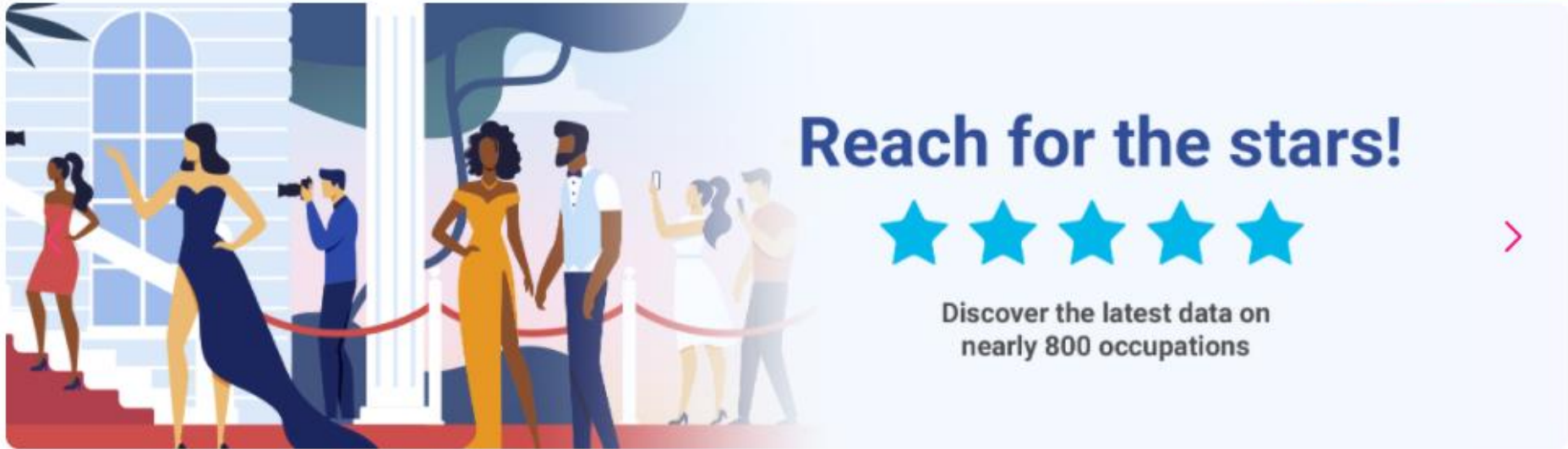
Excuses not to Explore & Plan

- I don't have time.
- I know what I want to do.
- That's for students? I am in the workforce!
- I want to be able to take advantage of any opportunities that arise.
- I don't know how.

Why create NCcareers?

- Multiple sources for Career Information
 - Much time spend bouncing between sources
 - Expense
- Alignment of education and occupations
- Capture information for future use
 - For educators
 - For students/job seekers
- Unequal access





Governance Committee



Advisory Board





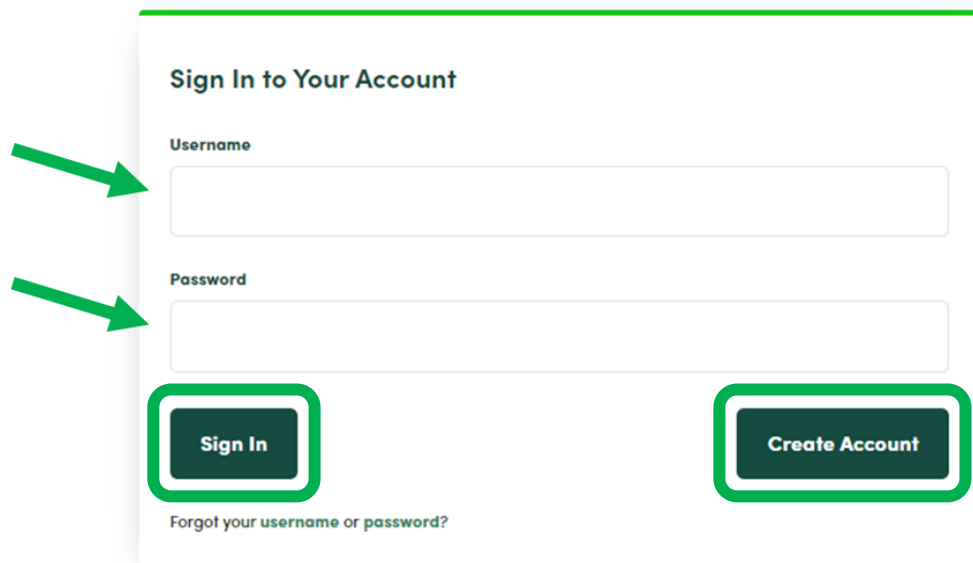
Sign In

Create a free account

Not required for access!

CFNC

College
Foundation
of North Carolina



The screenshot shows a login form titled "Sign In to Your Account". It features two input fields: "Username" and "Password". Two green arrows point to these fields from the left. Below the fields are two buttons: "Sign In" and "Create Account", both highlighted with green rounded rectangles. A link "Forgot your username or password?" is located below the "Sign In" button.

Your CFNC login will give you access to our full family of resources to plan, apply, pay, and save for college.



Account Creation

- Powered by CFNC
- Use current CFNC credentials
- Not required for access!
- Free for all users
- Save
 - Assessment Results
 - Favorite Occupations and more!

CFNC Professional Tools



Features vary depending on permissions, but include:

- Identify students connected to your school.
- Career Reports for reviewing NCcareers and CFNC career assessment results
- Custom Reports
- Administration for creating bulk accounts and managing permissions

<http://Protoolshelp.CFNC.org>

Log in with NC Works

Two ways to sign in. Use your CFNC account or NCWorks account to sign into NCcareers.org



Choose this to sign in using your CFNC account or to create a new account. You will be redirected to CFNC to sign in.



Choose this to sign in using your NCWorks account.



**Find My
Interests**



**Explore
Occupations**



**Plan My
Career**



**Education &
Training**



Job Search



Match lifestyle with
income needs

CHECK

What skills are your
strongest

Identify Holland
Codes



Which Career Clusters
match activities,
interests and
academic



Are you ready to "Be
Your Own Boss" **KEY**

What do you truly
value in a job



**Find My
Interests**



**Explore
Occupations**



**Plan My
Career**



**Education &
Training**



Job Search



Occupations

Search for an occupation from nearly 800 job titles or browse the fastest growing jobs in North Carolina. Filter and sort results by: location, career cluster, star rating (a composite rating of occupations computed by LEAD), salary range, education level, interests and/or abilities.

- Map
- Location
- Career Cluster
- Star Rating
- Salary Range
- Education Level
- Interests
- Abilities

793 matching occupations found

SORT BY

		Median Annual Wage	Annual Growth Rate	Avg. Annual Openings
	Statisticians Star Rating: ★★★★★ Education: Master's degree	\$96,290 (\$46.29/hr)	 Very Strong Growth 3.1%	 Average Opportunity 199
	Information Security Analysts Star Rating: ★★★★★ Education: Bachelor's degree	\$103,470 (\$49.74/hr)	 Very Strong Growth 3.1%	 Strong Opportunity 438
	Solar Photovoltaic Installers Star Rating: ★★★☆☆ Education: High school diploma or equivalent	\$33,040 (\$15.89/hr)	 Very Strong Growth 3.0%	 Average Opportunity 95
	Physician Assistants Star Rating: ★★★★★ Education: Master's degree	\$102,180 (\$49.13/hr)	 Very Strong Growth 2.9%	 Strong Opportunity 498
	Nurse Practitioners Star Rating: ★★★★★ Education: Master's degree	\$101,540 (\$48.82/hr)	 Very Strong Growth 2.7%	 Strong Opportunity 441
	Genetic Counselors Star Rating: ★★★★☆ Education: Master's degree	\$72,030 (\$34.63/hr)	 Very Strong Growth 2.7%	 Rare Opportunity 13

Explore Occupations Table

793 Occupations

Occupation Profile Page

- All data in one place
- Links to additional information
- Can mark as a favorite or print
- Can change geography

Paralegals and Legal Assistants ★★★★★
History

Low, Public Safety, Corrections and Security

Annual Salary (Wages)

Lower End Wage (10th Percentile)	\$24,627 (\$12.72/hr)
Middle Wage (50th Percentile)	\$29,040 (\$14.77/hr)
Higher End Wage (90th Percentile)	\$ 27,224 (\$13.82/hr)

Paralegals and legal assistants do a variety of tasks to support lawyers, including maintaining and organizing files, conducting legal research, and drafting documents.

What do they typically do

- Investigate the facts of a case
- Conduct research on relevant laws, regulations, and legal articles
- Organize and maintain documents in paper or electronic filing systems
- Gather and arrange evidence and other legal documents for the attorney's review and case preparation
- Write reports to help lawyers prepare for trials
- Draft correspondence and legal documents, such as contracts and mortgages
- Get affidavits and other formal statements that may be used as evidence in court
- Help lawyers during trials by handling exhibits, taking notes, or reviewing trial transcripts

Work Place

Paralegals do most of their work in offices and law libraries. Occasionally, they travel to gather information and do other tasks. Most paralegals and legal assistants work full time.

Ratings

Wage (5/5) Job Openings (3/5) Job Growth Rate (4/5) Experience Level (5/5)

Common Job Titles

- Certified Paralegal
- Contract Preparer

[More](#)

Similar Occupations

- Human Resources Assistants
- Claims Adjusters, Examiners, and Investigators

[More](#)

Number of Jobs

Average Annual Job Growth +1.9%
 Job Opening 28

[Job Listings](#)

Select a region/location in North Carolina to begin your search.

[View available jobs](#)

Education & Training

Education
 Most occupations require training in vocational schools, related on-the-job experience, or an associated degree.

Associated Programs or Majors
[Paralegal Technology](#)

License
[Certified Paralegal](#)

Private Training Programs

First Step

Find out where to start your new journey.
[Get started](#)

Next Step

Find out what's next in line on your career journey.
[Get started](#)

Occupation Code

22011 - Paralegals and Legal Assistants

Pathway

Legal Services

NCDEI Career Pathways

Identify the High School Classes that can help start preparing you for a chosen career.
[Find classes](#)

Work Place

Paralegals do most of their work in offices and law libraries. Occasionally, they travel to gather information and do other tasks. Most paralegals and legal assistants work full time.

Top Skills & Abilities

Writing things for co-workers or customers
 Listening to others, not interrupting, and asking good questions
 Reading work-related information

[More](#)

Knowledge/Specialties

- Clerical
- Computers and Electronics
- Customer and Personal Service
- English Language
- Law and Government

Experience

Previous work-related skill, knowledge, or experience is required.

Training

Usually one or two years of training involving both on-the-job experience and informal training with experienced workers - an apprenticeship may be available.

Interests

- Conventional
- Enterprising
- Investigative

Video: Paralegals and Legal Assistants

Video provided CareerOneStop. CareerOneStop is sponsored by the U.S. Department of Labor, Employment and Training Administration and the Minnesota Department of Employment & Economic Development.

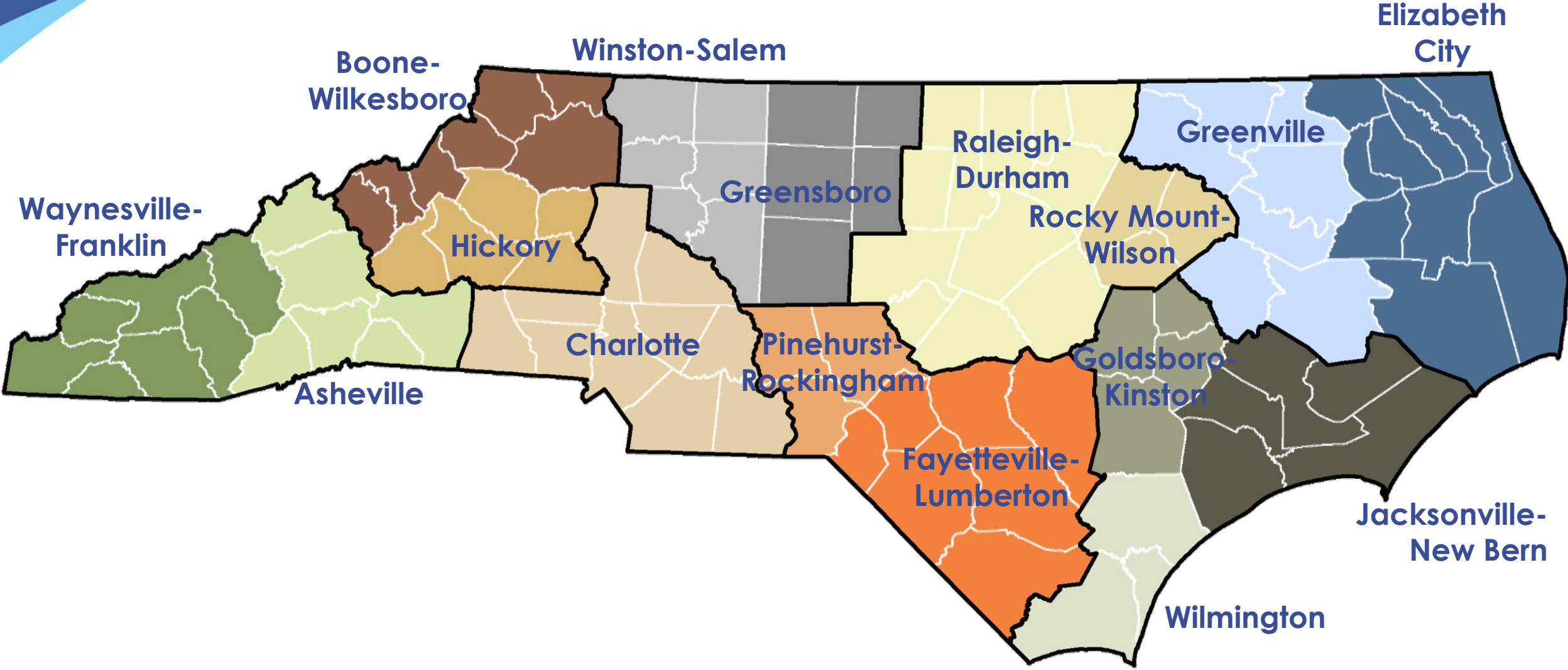
Why is Geography important?

Understand what is going on in your area!

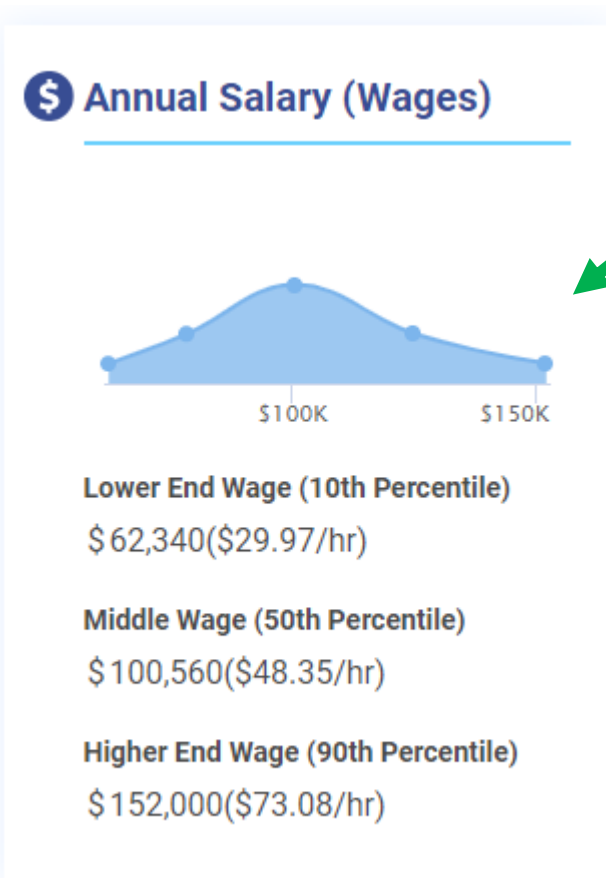
Economies are regional:

- Wages
- Demand
- Growth





How much does it pay?



Applications Software Developers ★★★★★

Information Technology

Annual Salary (Wages)

Annual Median Wage: **\$100,560**
 Annual NC Wage Range: \$62,340 - \$152,000

Growth Rate: **Very Fast Growing**

Software developers are the creative minds behind computer programs. They develop applications that allow people to do specific tasks when using technology tools.

What do they typically do?

- Consult with customers about software system design and maintenance
- Analyze users' needs and then design, test, and develop software to meet those needs
- Research and evaluate factors like required reporting formats, costs, and security needs to decide how to configure hardware
- Change existing software to correct errors, adapt it to new hardware, or improve performance
- Determine system performance standards
- Design each part of the application and plan how the pieces will work together
- Document every aspect of the application as background for future maintenance and upgrades
- Collaborate with other computer specialists to create the best possible software

Ratings

- Wage (5/5)
- Job Openings (5/5)
- Job Growth Rate (5/5)
- Experience Level (5/5)

Common Job Titles

- NET Developer
- Android Developer

Similar Occupations

- Legislators
- Computer Hardware Engineers

Occupation Code

15-122 - Applications Software Developers

Pathway

Programming and Software Development

NC DPI Career Pathways

Identify the High School Classes that can help start preparing you for a chosen career. [Find classes](#)

Number of Jobs

2018: 31,839 | 2022: 41,268

Average Annual Job Growth: +2.6%
 Job Opening: 4,268

Education & Training

Education: Most require a four-year bachelor's degree, but some do not.

Associated Programs or Majors: [Computing & Information Systems](#), [Data Science](#), [Software Engineering](#)

Licensure: None

Private Training Programs: [\(A\) Certification Exam Prep Class - Scrum Master Certification Training](#), [\(A\) Certification Exam Prep Class - Scrum Master Training](#), [\(CIS\) ISACA Certified Information Systems Auditor](#)

Top Skills & Abilities

- Writing computer programs
- Making equipment and technology useful for customers
- Installing equipment, machines

Knowledge/Specialties

- Administration and Management
- Computers and Electronics
- Design
- Engineering and Technology
- English Language
- Mathematics
- Telecommunications

Experience

A considerable amount of work-related skill, knowledge, or experience is needed.

Training

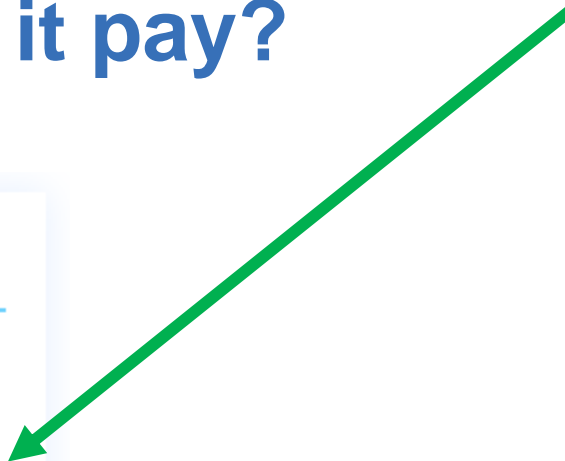
Usually several years of work-related experience, on-the-job training, and/or vocational training.

First Step

Find out where to start your new journey. [Get started](#)

Next Step

Find out what's next in line on your career journey. [Get started](#)



What does this occupation do?

Software developers are the creative minds behind computer programs. They develop applications that allow people to do specific tasks when using technology tools.

What do they typically do

- ✔ Consult with customers about software system design and maintenance
- ✔ Analyze users' needs and then design, test, and develop software to meet those needs
- ✔ Research and evaluate factors like required reporting formats, costs, and security needs to decide how to configure hardware
- ✔ Change existing software to correct errors, adapt it to new hardware , or improve performance.
- ✔ Determine system performance standards
- ✔ Design each part of the application and plan how the pieces will work together
- ✔ Document every aspect of the application as background for future maintenance and upgrades
- ✔ Collaborate with other computer specialists to create the best possible software

Applications Software Developers ★★★★★ North Carolina

Annual Salary (Wages)
 Annual Median Wage: **\$100,560**
 Annual NC Wage Range: \$42,840 - \$152,000

Growth Rate
 Very Fast Growing

What do they typically do

- ✔ Consult with customers about software system design and maintenance
- ✔ Analyze users' needs and then design, test, and develop software to meet those needs
- ✔ Research and evaluate factors like required reporting formats, costs, and security needs to decide how to configure hardware
- ✔ Change existing software to correct errors, adapt it to new hardware , or improve performance.
- ✔ Determine system performance standards
- ✔ Design each part of the application and plan how the pieces will work together
- ✔ Document every aspect of the application as background for future maintenance and upgrades
- ✔ Collaborate with other computer specialists to create the best possible software

Common Job Titles

- .NET Developer
- Android Developer

Similar Occupations

- Logisticians
- Computer Hardware Engineers

Occupation Code
 15-125 - Applications Software Developers

Pathway
 Programming and Software Development

NC DPI Career Pathways
 Identify the High School Classes that can help start preparing you for a chosen career.
[Find classes](#)

Education
 Most require a four-year bachelor's degree, but some do not.

Associated Programs or Majors

- Computing & Information Systems
- Data Science
- Software Engineering

Job Listings
 Select a region/location in North Carolina to begin your search.
[View available jobs](#)

First Step
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[Get started](#)

Is this a good long-term prospect?



Applications Software Developer ★★★★★ North Carolina

Information Technology

Annual Salary (Wages)
 Annual Median Wage: **\$100,560**
 Annual NC Wage Range: \$42,840 - \$152,000
 Growth Rate: **Very Fast Growing**

Software developers are the creative minds behind computer programs. They develop applications that allow people to do specific tasks when using technology tools.

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- Collaborate with other computer specialists to create the best possible software

Ratings

- Wage (5/5)
- Job Opening (5/5)
- Job Growth Rate (5/5)
- Job Growth Rate (5/5)
- Experience Level (4/5)

Common Job Titles

- .NET Developer
- Android Developer

Similar Occupations

- Logisticians
- Computer Hardware Engineers

Occupation Code

15-125 - Applications Software Developers

Pathway

Programming and Software Development

NC DPI Career Pathways

Identify the High School Classes that can help start preparing you for a chosen career.
[Find classes](#)

Number of Jobs

2012: 11,859 | 2022: 41,246
 Average Annual Job Growth: +3.6%
 Job Opening: 8,508

Education & Training

Education: Most require a four-year bachelor's degree, but some do not.

Associated Programs or Majors:
[Computing & Information Systems](#)
[Data Science](#)
[Software Engineering](#)

Licenses: None

Postsecondary Training Programs:
[\(A\) Certification Exam Prep Class - Scrum Master Certification Training](#)
[\(A\) Certification Exam Prep Class - Scrum Master Training](#)
[\(CIS\) ISACA Certified Information Systems Auditor](#)

Top Skills & Abilities

- Writing computer programs
- Making equipment and technology useful for customers
- Installing equipment, machines, or systems

Knowledge/Specialties

- Administration and Management
- Computers and Electronics
- Design
- Engineering and Technology
- English Language
- Mathematics
- Telecommunications

Experience

A considerable amount of work-related skill, knowledge, or experience is needed.

Training

Usually several years of work-related experience, on-the-job training, and/or vocational training.

First Step

Find out where to start your new journey.
[Get started](#)

Next Step

Find out where's next in line on your career journey.
[Get started](#)



Average Wage



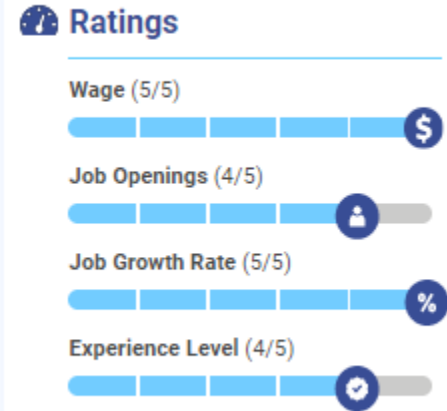
Growth Rate



of Job Openings



Is this a good long-term prospect?



Applications Software Developer

North Carolina

Information Technology

Annual Salary (Wages)

Annual Median Wage: **\$100,560**

Annual NC Wage Range: \$42,940 - \$122,000

Growth Rate: **Very Fast Growing**

Software developers are the creative minds behind computer programs. They develop applications that allow people to do specific tasks when using technology tools.

What do they typically do?

- Consult with customers about software system design and maintenance
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- Determine system performance standards
- Design each part of the application and plan how the pieces will work together
- Document every aspect of the application as background for future maintenance and upgrades
- Collaborate with other computer specialists to create the best possible software

Ratings

- Wage (5/5)
- Job Openings (5/5)
- Job Growth Rate (5/5)
- Experience Level (4/5)

Number of Jobs

Year	Number of Jobs
2016	11,819
2026	13,246

Average Annual Job Growth +2.6%
 Job Opening 8,508

Common Job Titles

- .NET Developer
- Android Developer

Similar Occupations

- Logisticians
- Computer Hardware Engineers

Occupation Code: 15-125 - Applications Software Developers

Pathway: Programming and Software Development

NC DPI Career Pathways: Identify the High School Classes that can help start preparing you for a chosen career. Find classes

Education & Training: Most require a four-year bachelor's degree, but some do not. Associated Programs or Majors: Computing & Information Systems, Data Science, Software Engineering

Top Skills & Abilities: Writing computer programs, Making equipment and technology useful for customers, Installing equipment, machines, systems

Knowledge/Specialties: Administration and Management, Computers and Electronics Design, Engineering and Technology, English Language, Mathematics, Telecommunications

Experience: A considerable amount of work-related skill, knowledge, or experience is needed.

Training: Usually several years of work-related experience, on-the-job training, and/or vocational training.

First Step: Find out where to start your new journey. Get started

Next Step: Find out where's next in line on your career journey. Get started

What education do I need?

Where can I go for it?

Education & Training

Education

Most require a four-year bachelor's degree, but some do not.

Associated Programs or Majors

[Cyber Crime Technology](#)

[Information Technology](#)

[Project Management](#)

[Information Systems](#)

[Security](#)

[More](#)

License

NA

Private Training Programs

[\(A Certification Exam Prep Class\)- Scrum Master Training](#)

[\(CISA\) ISACA Certified Information Systems Auditor](#)

[A+ Bootcamp, Certification, and Mentorship \(CompTIA A+\)](#)

[More](#)

Information Technology

Annual Salary (Wages)



Lower End Wage (10th Percentile)
\$61,450(\$29.55/hr)

Middle Wage (50th Percentile)
\$103,470(\$49.74/hr)

Higher End Wage (90th Percentile)
\$151,500(\$72.84/hr)

Ratings



Common Job Titles

All Source-Collection Manager

All Source-Collection Requirements Manager

All-Source Analyst

Similar Occupations

Health and Safety Engineers

Industrial Engineering Technicians

Claims Adjusters, Examiners, and

Occupation Code

151122 - Information Security Analysts

Pathway

Network Systems

NCDPI Career Pathways

Identify the High School Classes that can help start preparing you for a chosen career.

[Find classes](#)

Annual Median Wage
\$103,470
 \$61,450 Annual NC Wage Range \$151,500

Growth Rate

 Very Fast Growing

Information security analysts plan and carry out security measures to protect an organization's computer networks and systems. Their responsibilities are continually expanding as the number of cyberattacks increase.

What do they typically do

- Research the latest information technology (IT) security trends
- Monitor organizational networks for security breaches and investigate a violation when one occurs
- Recommend security enhancements to management or senior IT staff
- Conduct penetration testing, which is when analysts simulate attacks to look for vulnerabilities in their systems before they can be exploited
- Develop security standards and best practices for their organization
- Prepare reports that document security breaches and the extent of the damage caused by the breaches
- Help plan and carry out an organization's way of handling security
- Install and use software, such as firewalls and data encryption programs, to protect sensitive information

Number of Jobs



2018: 3,662
 2028: 4,670

Job Listings

Select a region/location in North Carolina to begin your search.

[View available jobs](#)

Education & Training

Education
 Most require a four-year bachelor's degree, but some do not.

Associated Programs or Majors

[Cyber Crime Technology](#)

[Information Technology](#)

[Project Management](#)

[Information Systems Security](#)

[More](#)

License

NA

Private Training Programs

[\(A Certification Exam Prep Class\)- Scrum Master Training](#)

[\(CISA\) ISACA Certified Information Systems Auditor](#)

[A+ Bootcamp, Certification, and Mentorship \(CompTIA A+\)](#)

[More](#)



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Interests

Conventional Investigative Realistic

Work Place

Many information security analysts work with other members of an information technology department, such as network administrators or computer systems analysts. Very few information security analysts are self-employed. Most work full time and sometimes have to be on call outside of normal business hours in case of an emergency at their work place.

Top Skills & Abilities

Writing computer programs
 Making equipment and technology useful for customers
 Figuring out what a product or

[More](#)

Knowledge/Specialties

Administration and Management
 Computers and Electronics
 Customer and Personal Service
 Education and Training
 Engineering and Technology
 English Language
 Public Safety and Security
 Telecommunications

Experience

A considerable amount of work-related skill, knowledge, or experience is needed.

Training

Usually several years of work-related experience, on-the-job training, and/or vocational training.

First Step

Find out where to start your new journey.
[Get started](#)

Next Step

Find out what's next in line on your career journey.
[Get started](#)

How can I prepare to work in this occupation?

Top Skills & Abilities

Writing computer programs

Making equipment and technology useful for customers

Installing equipment, machines, wiring, or computer programs

Figuring out what a product or service needs to be able to do

Figuring out what is causing equipment, machines, wiring, or computer programs to not work

Measuring how well a system is working and how to improve it

Figuring out how a system should work and how changes in the future will affect it

Using scientific rules and strategies to solve problems

Using math to solve problems

Testing how well a product or service works

Knowledge/Specialties

Administration and Management

Computers and Electronics

Design

Engineering and Technology

English Language

Mathematics

Telecommunications

Applications Software Developers ★★★★★

North Carolina

Information Technology

Annual Salary (Wages)

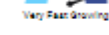


Lower End Wage (10th Percentile)
\$62,560 (\$29.7/hr)
Middle Wage (50th Percentile)
\$100,560 (\$48.32/hr)
Higher End Wage (90th Percentile)
\$152,000 (\$72.94/hr)

Annual Median Wage
\$100,560

\$42,560 Annual NC Wage Range

Growth Rate
Very Fast Growing



Software developers are the creative minds behind computer programs. They develop applications that allow people to do specific tasks when using technology tools.

What do they typically do

- Consult with customers about software system design and maintenance
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- Collaborate with other computer specialists to create the best possible software

Ratings



Common Job Titles

- .NET Developer
- Android Developer

Similar Occupations

- Legislators
- Computer Hardware Engineers

Occupation Code

15-125 - Applications Software Developers

Pathway

Programming and Software Development

NC DPI Career Pathways

Identify the High School Classes that can help start preparing you for a chosen career.

[Find classes](#)

Number of Jobs



Average Annual Job Growth +2.6%
Job Opening 3,508

Job Listings

Select a region/location in North Carolina to begin your search.
[View available jobs](#)

Education & Training

Education
Most require a four-year bachelor's degree, but some do not

- Computer Science
- Computer Science
- Computer Science

Computing & Information Systems

[Data Science](#)

[Software Engineering](#)

[More](#)

Licenses

None

Postsecondary Programs

[\(A\) Certification Exam Prep Class - Scrum Master Certification Training](#)

[\(A\) Certification Exam Prep Class - Scrum Master Certification Training](#)

[\(C\) \(S\) \(S\) \(S\) Certified Information Systems Auditor](#)

[More](#)

First Step

Find out where to start your new journey.

[Get started](#)

Next Step

Find out where's next in line on your career journey.

[Get started](#)



Video showing a person working at a computer.

Interests

Investigative Realistic Conventional

Work Place

Many applications software developers work in office environments for employers such as insurance carriers or corporate headquarters. In general, software development is a collaborative process and developers work on teams with others who contribute to designing, developing, and programming successful software. Some developers telecommute (work away from the office). Most software developers work full time, and long hours are common.

Top Skills & Abilities

Writing computer programs
Making equipment and technology useful for customers

Installing equipment, machines, wiring, or computer programs

[More](#)

Knowledge/Specialties

Administration and Management
Computers and Electronics

Design
Engineering and Technology
English Language

Mathematics
Telecommunications

Experience

A considerable amount of work-related skill, knowledge, or experience is needed.

Training

Usually several years of work-related experience, on-the-job training, and/or vocational training.



**Find My
Interests**



**Explore
Occupations**



**Plan My
Career**



**Education &
Training**



Job Search



**NEXT
STEP**

Identify occupations
that will help to
advance your career



**FIRST
STEP**

What Can I do with My Education?

What occupations did
your education
prepare you for?





**Find My
Interests**



**Explore
Occupations**



**Plan My
Career**



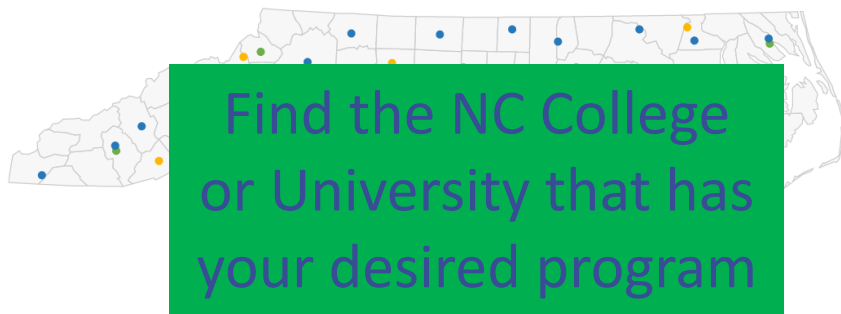
**Education &
Training**



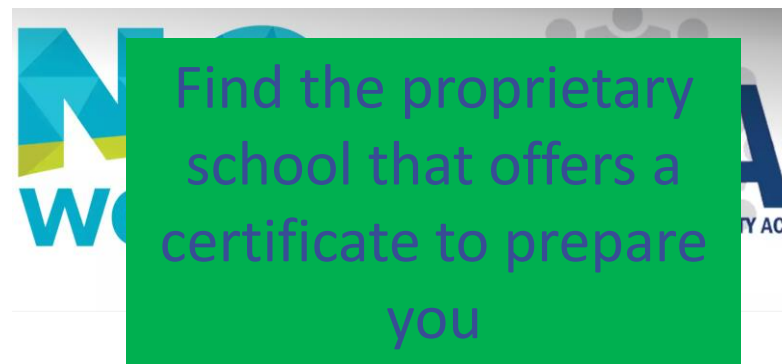
Job Search

Find additional training opportunities

Program Locator



Find Private Training





**Find My
Interests**



**Explore
Occupations**



**Plan My
Career**



**Education &
Training**



Job Search



Find current job listings in your area!

NC works

**How can an adult use
NCcareers to identify a
potential career path?**

Age: 28

John

Situation: John has been working as a pharmacy technician for the last seven years. Through radio advertisements and flyers, he has been informed that commercial truck drivers can make upwards of \$100,000 shortly after hire, if not immediately. He is interested in changing careers as soon as possible.

How can he use [NCcareers.org](https://www.nccareers.org) to help plan for his future?



“What does it take to be a truck driver?”



Find My
Interests



Explore
Occupations



Plan My
Career



Education &
Training



Job
Search

Occupations

Search for an occupation from nearly 800 job titles or browse the fastest growing jobs in North Carolina. Filter and sort results by: location, career cluster, star rating ([a composite rating of occupations computed by LEAD](#)), salary range, education level, interests and/or abilities.

- Map ▾
- Location ▾
- Career Cluster ▾
- Star Rating ▾
- Salary Range ▾
- Education Level ▾
- Interests ▾
- Abilities ▾

[Clear Filter\(s\)](#)





1 matching occupation found

SORT BY

Median Annual Wage

Annual Growth Rate

Avg. Annual Openings

	 <p>Heavy and Tractor-Trailer Truck Drivers Star Rating: ★★★★★ Education: Postsecondary nondegree award</p>	<p>\$44,760 (\$21.52/hr)</p>	 <p>Slow Growth 0.6%</p>	 <p>Very Strong Opportunity 7,792</p>
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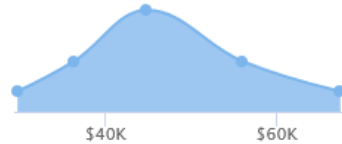
Heavy and tractor-trailer truck drivers transport goods from one location to another. Most of them are long-haul drivers whose trucks can carry more than 26,000 pounds. These drivers deliver goods between cities and sometimes between states.

What do they typically do

- ✔ Keep a log of their activities
- ✔ Drive long distances
- ✔ Secure cargo for transport, using ropes, blocks, chain, binders, or covers
- ✔ Inspect their trailer before and after the trip, and record any defects they find
- ✔ Keep their truck and associated equipment clean and in good working order
- ✔ Follow all applicable traffic laws
- ✔ Report serious mechanical problems to the appropriate personnel
- ✔ Report to a dispatcher any incidents encountered on the road

Learn about the Occupation

Annual Salary (Wages)



Lower End Wage (10th Percentile)

\$29,710(\$14.28/hr)

Middle Wage (50th Percentile)

\$44,760(\$21.52/hr)

Higher End Wage (90th Percentile)

\$67,460(\$32.43/hr)

Work Place

Working as a long-haul truck driver is a major lifestyle choice because these drivers can be away from home for days or weeks at a time. They spend much of this time alone. Truck driving can be a physically demanding job too. Driving for many hours in a row can be tiring, and some drivers must load and unload cargo. Drivers may not work more than 14 straight hours with no more than 11 hours of that time spent driving. Between working periods, drivers must have at least 10 hours off duty. Truck drivers often work nights, weekends, and holidays.

Heavy and Tractor-Trailer Truck Drivers North Carolina

★★★★★

Transportation, Distribution, and Logistics

Annual Salary (Wages)

Lower End Wage (10th Percentile)
\$29,710(\$14.28/hr)

Middle Wage (50th Percentile)
\$44,760(\$21.52/hr)

Higher End Wage (90th Percentile)
\$67,660(\$32.62/hr)

Annual Median Wage
\$44,760

\$29,710 ————— \$67,660
Annual NC Wage Range

Growth Rate
Moderately Growing

Heavy and tractor-trailer truck drivers transport goods from one location to another. Most of them are long-haul drivers whose trucks can carry more than 26,000 pounds. These drivers deliver goods between cities and sometimes between states.

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Work Place

Working as a long-haul truck driver is a major lifestyle choice because these drivers can be away from home for days or weeks at a time. They spend much of this time alone. Truck driving can be a physically demanding job too. Driving for many hours in a row can be tiring, and some drivers must load and unload cargo. Drivers may not work more than 14 straight hours with no more than 11 hours of that time spent driving. Between working periods, drivers must have at least 10 hours off duty. Truck drivers often work nights, weekends, and holidays.

Number of Jobs

2018: 48,488 | 2028: 67,108

Average Annual Job Growth: 3.5% (Increasing 7,792)

Education & Training

Education: These occupations usually require a high school diploma or GED.

Associated Programs or Majors: Truck Driver Training (Certificate)

Licenses: Motor Carrier's Of Exemption To Transport Household Goods, Commercial Driver License (Class A, B or C), House Movers

Private Training Programs: CDL Class A Truck Driver Training, CDL Class B Truck Driver Training

Top Skills & Abilities

Repairing machines or systems using the right tools

Planning and doing the basic maintenance on equipment

Using equipment or systems

Knowledge/Specialties

Customer and Personal Service

Mechanical

Public Safety and Security

Transportation

Experience

Some previous work-related skill, knowledge, or experience is usually needed.

Training

Anywhere from a few months to one year of working with experienced employees - an apprenticeship may be available.

First Step

Find out where to start your new journey.
[Get started](#)

Next Step

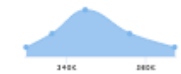
Find out what's next in line on your career journey.
[Get started](#)

Heavy and Tractor-Trailer Truck Drivers ★★★★★

Heavy and Tractor-Trailer Truck Drivers

Transportation, Distribution, and Logistics

Annual Salary (Wages)



Lower End Wage (10th Percentile)
\$29,710 (\$14.28/hr)
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Annual Median Wage
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 \$29,710 - \$67,660
 Annual NC Wage Range

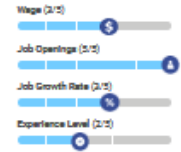


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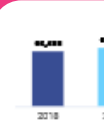
What do they typically do

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- Report to a dispatcher any incidents encountered on the road

Ratings



Number of Jobs



Average Annual Job Growth +0.6%
 Job Opening 7,792

Education & Training

Education
 These occupations usually require a high school diploma.

Associated Programs or Majors
 Truck Driver Training (Certificate)

Licenses
 Motor Carrier's Of Exemption To Transport Household Goods

Commercial Driver License (Class A, B or C)

House Movers

Private Training Programs
 CDL Class A Truck Driver Training

CDL Class B Truck Driver Training

CDL Training Class A Tractor Trailer

First Step

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Next Step

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Photo provided by CareerOneStop. CareerOneStop is supported by the U.S. Department of Labor, Department of Training, Employment and Education, and the U.S. Department of Economic and Development. Additional photos are provided by other partners.

Interests

Realistic Conventional

Work Place

Working as a longhaul truck driver is a major lifestyle choice because these drivers can be away from home for days or weeks at a time. They spend much of this time alone. Truck driving can be a physically demanding job too. Driving for many hours in a row can be tiring, and some drivers must load and unload cargo. Drivers may not work more than 14 straight hours with no more than 11 hours of that time spent driving. Between working periods, drivers must have at least 10 hours off duty. Truck drivers often work nights, weekends, and holidays.

Top Skills & Abilities

Repairing machines or systems using the right tools
 Planning and doing the basic maintenance on equipment
 Using equipment or systems

Knowledge/Specialties

Customer and Personal Service
 Mechanical
 Public Safety and Security
 Transportation

Experience

Some previous work-related skill, knowledge, or experience is usually needed.

Training

Anywhere from a few months to one year of working with experienced employees - an apprenticeship may be available.

Ratings

Wage (3/5)

Job Openings (5/5)

Job Growth Rate (3/5)

Experience Level (2/5)

Number of Jobs

Average Annual Job Growth +0.6%
 Job Opening 7,792

Good opportunity?

Education & Training

Education

These occupations usually require a high school diploma.

Associated Programs or Majors

[Truck Driver Training \(Certificate\)](#)

License

[Motor Carrier's- Of Exemption To Transport Household Goods](#)

[Commercial Driver License \(Class A, B or C\)](#)

[House Movers](#)

[More](#)

Private Training Programs

[CDL Class A Truck Driver Training](#)

[CDL Class B Truck Driver Training](#)

[CDL Training, Class A Tractor Trailer](#)

[More](#)

Heavy and Tractor-Trailer Truck Drivers

North Carolina

★★★★★

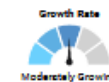
Transportation, Distribution, and Logistics

Annual Salary (Wages)



Annual Median Wage
\$44,760

\$29,710 Annual NC Wage Range \$67,460



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- Report serious mechanical problems to the appropriate personnel
- Report to a dispatcher any incidents encountered on the road

Ratings



Number of Jobs



Common Job Titles

- Aircraft Refueler
 - Auto Carrier Driver
- [More](#)

Similar Occupations

- Fellers
 - Harvester and Dringline Operators
 - Roll Car Repairers
- [More](#)

Occupation Code

532022 - Heavy and Tractor-Trailer Truck Drivers

Pathway

Transportation Operations

NCDPI Career Pathways

Identify the High School Classes that can help start preparing you for a chosen career.
[Find classes](#)

Education & Training

Education
These occupations usually require a high school diploma.

Associated Programs or Majors
[Truck Driver Training \(Certificate\)](#)

License
[Motor Carrier's- Of Exemption To Transport Household Goods](#)
[Commercial Driver License \(Class A, B or C\)](#)

[House Movers](#)

Private Training Programs

[CDL Class A Truck Driver Training](#)

[CDL Class B Truck Driver Training](#)

[CDL Training, Class A Tractor Trailer](#)

[More](#)

First Step

Find out where to start your new journey.
[Get started](#)

Next Step

Find out what's next in line on your career journey.
[Get started](#)



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Interests

Realistic Conventional

Work Place

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Top Skills & Abilities

Repairing machines or systems using the right tools
Planning and doing the basic maintenance on equipment
Using equipment or systems
[More](#)

Knowledge/Specialties

Customer and Personal Service
Mechanical
Public Safety and Security
Transportation

Experience

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Training

Anywhere from a few months to one year of working with experienced employees - an apprenticeship may be available.

Where to get training?

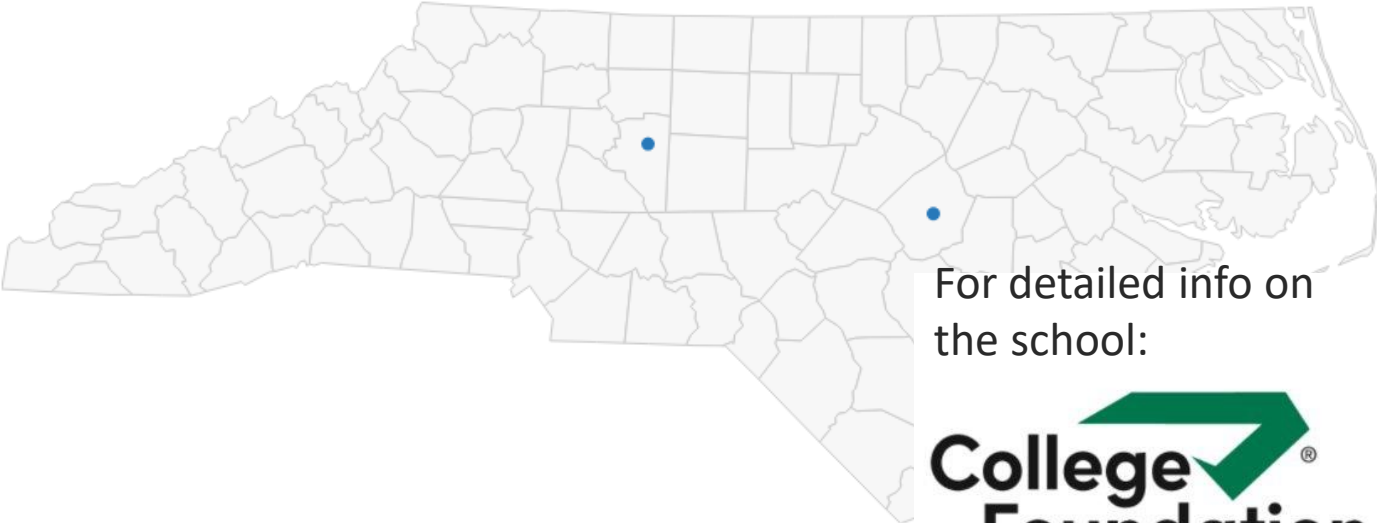
Truck and Bus Driver/Commercial Vehicle Operator and Instructor

3 out of 110 Colleges/Universities offer this program/degree



- Cape Fear Community College
- Davidson County Community College
- Johnston Community College

- Public Universities 16
- Independent Colleges/Universities 36
- NC Community College System 58



For detailed info on the school:



Click on a College or University to view more inf

Who is hiring?

Job Listings

Select a region/location in North Carolina to begin your search.

[View available jobs](#)

Heavy and Tractor-Trailer Truck Drivers

North Carolina

★★★★★

Transportation, Distribution, and Logistics

Annual Salary (Wages)



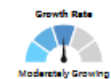
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Annual Median Wage
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\$29,710 - \$67,680
 Annual NC Wage Range



Moderately Growing

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Ratings



Common Job Titles

- Alcohol Refuser
- Auto Carrier Driver

Similar Occupations

- Fellers
- Construction and Equipment and Machine Operators
- Rail Car Repairs

Occupation Code

532022 - Heavy and Tractor-Trailer Truck Drivers

Pathway

Transportation Operations

NCDPI Career Pathways

Identify the High School Courses that can help start preparing you for a chosen career.
[Find classes](#)

Number of Jobs



Average Annual Job Growth +0.6%
 Job Opening 7,792

Education & Training

Education
 These occupations usually require a high school diploma.

Associated Programs or Majors
[Truck Driver Training \(Certificate\)](#)

Licenses
[Motor Carrier's Of Exemption To Transport Household Goods](#)

[Commercial Driver License \(Class A, B or C\)](#)

[House Movers](#)

Private Training Programs
[CDL Class A Truck Driver Training](#)

[CDL Class B Truck Driver Training](#)

[Self Training: Class A Tractor Trailer](#)

First Step

Find out where to start your new journey.
[Get started](#)

Next Step

Find out what's next in line on your career journey.
[Get started](#)

Job Listings

Select a region/location in North Carolina to begin your search.

[View available jobs](#)

[View available jobs on Indeed](#)



Photo courtesy of the U.S. Department of Labor, Bureau of Labor Statistics, Occupational Outlook Handbook, 2018-2028 Edition, Transportation, Distribution, and Logistics, Heavy and Tractor-Trailer Truck Drivers.

Interests

[Realistic](#) [Conventional](#)

Work Place

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Top Skills & Abilities

[Repairing machines or systems using the right tools](#)

[Planning and doing the basic maintenance on equipment](#)

[Using equipment or systems](#)

Knowledge/Specialties

[Customer and Personal Service](#)

[Mechanical](#)

[Public Safety and Security](#)

[Transportation](#)

Experience

Some previous work-related skill, knowledge, or experience is usually needed.

Training

Anywhere from a few months to one year of working with experienced employees - an apprenticeship may be available.

Heavy and Tractor-Trailer Truck Drivers

North Carolina

★★★★★

Transportation, Distribution, and Logistics

Annual Salary (Wages)



Lower End Wage (10th Percentile)

\$29,710 (\$14.28/hr)

Middle Wage (50th Percentile)

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Higher End Wage (90th Percentile)

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Annual Median Wage

\$44,760

\$29,710 Annual NC Wage Range \$67,660

Growth Rate



Moderately Growing



Photo image provided by CareerCollege. Downloaded by permission from the U.S. Department of Labor, Employment and Training Administration and the U.S. Bureau of Labor Statistics. License: Public Domain. License: Public Domain. License: Public Domain. License: Public Domain.

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Ratings

Wage (3/5)



Job Openings (5/5)



Job Growth Rate (2/5)



Experience Level (2/5)



Common Job Titles

Aircraft Refueler

Auto Carrier Driver

More

Similar Occupations

Fellers

Construction and Logging Machine and Dredge Operators

Rail Car Repairers

More

Occupation Code

532022 - Heavy and Tractor-Trailer Truck Drivers



Pathway

Transportation Operations

NCDPI Career Pathways

Identify the High School Courses that can help start preparing you for a chosen career.

[Find classes](#)

Number of Jobs



Average Annual Job Growth 40.6%

Job Opening 7,792

Job Listings

Select a region/location in North Carolina to begin your search.

[View available jobs](#)

[View available jobs on Indeed](#)

Education & Training

Education

These occupations usually require a high school diploma.

Associated Programs or Majors

[Truck Driver Training \(Certificate\)](#)

Licenses

[Motor Carrier's Of Exemption To Transport Household Goods](#)

[Commercial Driver License \(Class A, B or C\)](#)

House Movers

More

Private Training Programs

[CDL Class A Truck Driver Training](#)

[CDL Class B Truck Driver Training](#)

[Auto Training, School A, Tractor Trailer](#)

More

First Step

Find out where to start your new journey.

[Get started](#)

Next Step

Find out what's next in line on your career journey.

[Get started](#)

Interests

Realistic Conventional

Work Place

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Top Skills & Abilities

Repairing machines or systems using the right tools

Planning and doing the best

Using equipment or systems

More

Knowledge/Specialties

Customer and Personal Service

Mechanical

Public Safety and Security

Transportation

Experience

Some previous workrelated skill, knowledge, or experience is usually needed.

Training

Anywhere from a few months to one year of working with experienced employees - an apprenticeship may be available.

“What else could I consider?”



Find My
Interests



Explore
Occupations



Plan My
Career



Education &
Training



Job
Search

Start Planning

Next Step

First Step

What Can I Do With My Education?



**NEXT
STEP**

Pharmacy Technician



Pharmacy Technicians

Find out what's next in line on your career journey, or find out where to start your new journey.

This tool can help you understand a next step in your career journey. The circle at the bottom left represents your current job. The circles on the right of the chart are jobs that have similar job skills and job duties but typically pay more. They may also require you to gain additional education or skills.

Click on a bubble to learn more about an occupation or to compare it to others. Additional information including comparison data are displayed in a table below.



Pharmacy Technicians
 Star Rating: ★★★★★



SALARY

\$32,800 (\$15.77/hr)
 Median NC Wage

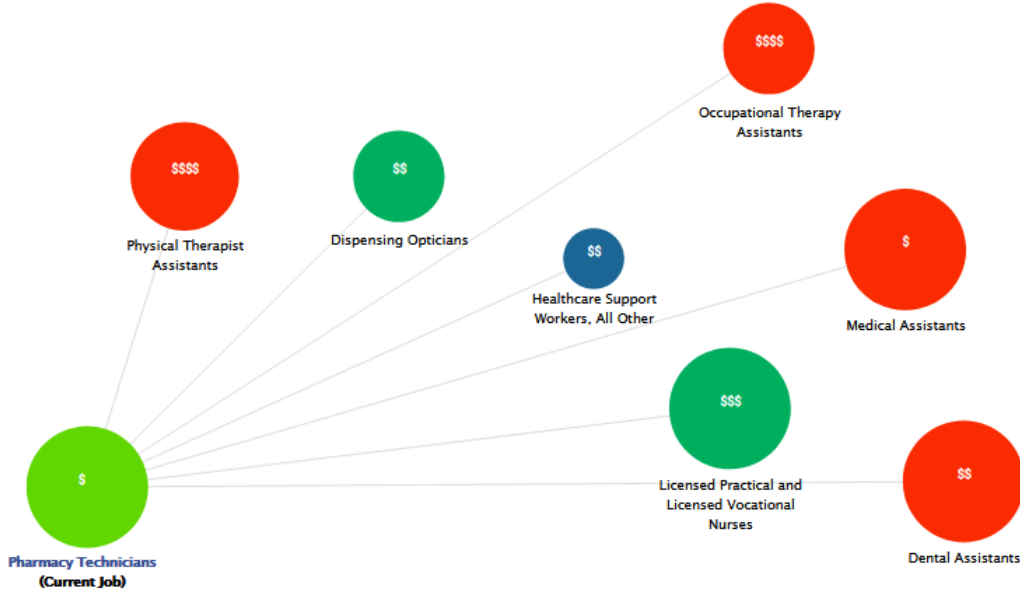
NC JOB PROJECTION

13,623
 Total Jobs in 2017

1,258
 Average Job Openings

+0.8%
 Average Growth

? How to use Next Step



SALARY RANGE

- \$ \$0 - \$34,999
- \$\$ \$35,000 - \$44,999
- \$\$\$ \$45,000 - \$54,999
- \$\$\$\$ \$55,000 - \$74,999
- \$\$\$\$\$ \$75,000+

GROWTH RATE

- None or Negative Growth
- Slow Growth
- Average Growth
- Strong Growth
- Very Strong Growth

JOB OPENINGS

- 1 - 24
- 25 - 74
- 75 - 249
- 250 - 749
- 750+

Compare Occupations

Click on a bubble to learn more about an occupation or to compare it to others. Additional information including comparison data are displayed in a table below.



Pharmacy Technicians
 Star Rating: ★★★★★

SALARY

\$32,800 (\$15.77/hr)
 Median NC Wage

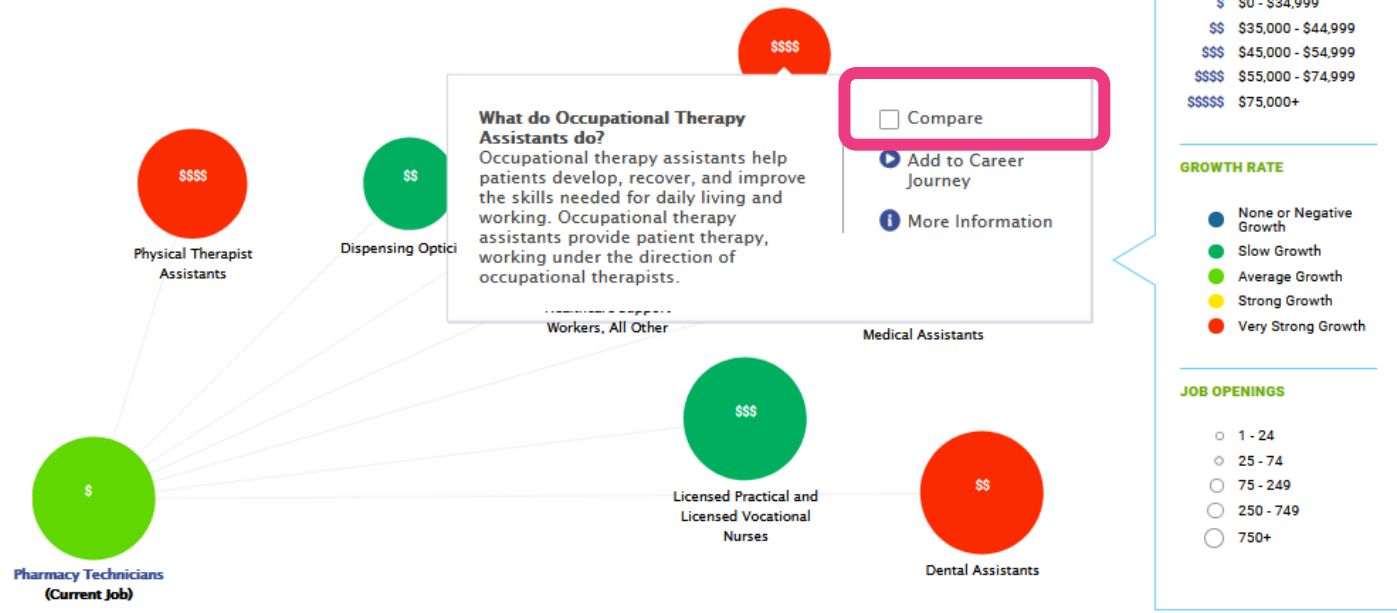
NC JOB PROJECTION

13,623
 Total Jobs in 2017

1,258
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+0.8%
 Average Growth

? How to use Next Step



Compare Occupations

To view
 Occupation Profile

Compare Occupations

Occupation	Pharmacy Technicians Star Rating: ★★★★★	Dispensing Opticians Star Rating: ★★★★★	Occupational Therapy Assistants Star Rating: ★★★★★
Median Annual Wage	\$32,800 (\$15.77/hr)	\$42,250 (\$20.31/hr)	\$66,490 (\$31.97/hr)
Education	High school diploma or equivalent	High school diploma or equivalent	Associate's degree
Experience Needed	--	Same experience level	Same experience level
Knowledge Needed	--	Sales and Marketing , Mechanical , Economics and Accounting	Psychology , Therapy and Counseling , Education and Training
Skill Needed	--	Negotiation , Persuasion , Speaking	Negotiation , Social Perceptiveness , Writing

Occupational Therapy Assistants ★★★★★

North Carolina

Health Science

Annual Salary (Wages)



Annual Median Wage
\$ 66,490
 Annual NC Wage Range
 \$44,500 - \$82,680

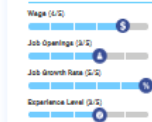
Growth Rate
Very Fast Growing

Occupational therapy assistants help patients develop, recover and improve the skills needed for daily living and working. Occupational therapy assistants provide patient therapy, working under the direction of occupational therapists.

What do they typically do

- Monitor patients' performance in therapy activities, providing encouragement.
- Help patients do therapeutic activities like stretches and other exercises.
- Evaluate patients' daily living skills or the capacities of clients who have physical, developmental, or emotional disabilities.
- Record patients' progress, report to occupational therapists, and do other administrative tasks.
- Implement or assist occupational therapists in carrying out treatment plans designed to help clients function independently.
- Teach patients how to use special equipment.
- Aid patients in dressing and grooming themselves.
- Lead children who have developmental disabilities in play activities that promote coordination and socialization.

Ratings



Common Job Titles

- Able Care Occupational Therapy Assistant
 - Behavior Specialist
 - Certified Occupational Therapist Assistant (COTA)
- [More](#)

Similar Occupations

- Medical Assistants
 - Secondary School Career and Technical Education Teachers
- [More](#)

Occupation Code

31-2011 - Occupational Therapy Assistants

Pathway

Therapeutic Services

NCDPI Career Pathways

Identify the High School Classes that can help start preparing you for a chosen career.
[Find classes](#)

Number of Jobs



Job Listings

- Select a region/location in North Carolina to begin your search.
- [View available jobs](#)
- [View available jobs on Indeed](#)

First Step

Find out where to start your new journey.
[Get started](#)

Next Step

Find out what's next in line on your career journey.
[Get started](#)

Education & Training

Education
 Most occupations require training in vocational schools, related on-the-job experience, or an associate's degree.

Associated Programs or Majors

- [Occupational Therapy Assistant](#)
- [License](#)
- [Occupational Therapy Assistant](#)
- [Private Training Programs](#)
- [Occupational Therapy Assistant - Associate of Science](#)



Video description: Occupational therapy assistants help patients develop, recover and improve the skills needed for daily living and working.

Interests

Auto Related

Work Place

Occupational therapy assistants work indoors in a comfortable environment. They spend much of their time on their feet setting up equipment and working with patients. Their work involves a great deal of contact with other people, including face-to-face discussions and working in close proximity to patients. They team with other staff members, sometimes coordinating activities or leading others. Occupational therapy assistants tasks require them to kneel, stoop, and bend to help their patients, and they may sometimes need to lift patients. Most occupational therapy assistants work full time. They may work during evenings or on weekends to accommodate patients' schedules.

Top Skills & Abilities

Understanding people's reactions
 Looking for ways to help people
 Bringing people together to solve differences
[More](#)

Knowledge/Specialties

- Customer and Personal Service
- Education and Training
- English Language
- Medicine and Dentistry
- Psychology
- Therapy and Counseling

Experience

Previous work-related skill, knowledge, or experience is required.

Training

Usually one or two years of training involving both on-the-job experience and informal training with experienced workers - an apprenticeship may be available.

Click on a bubble to learn more about an occupation or to compare it to others. Additional information including comparison data are displayed in a table below.



Pharmacy Technicians
 Star Rating: ★★★★★

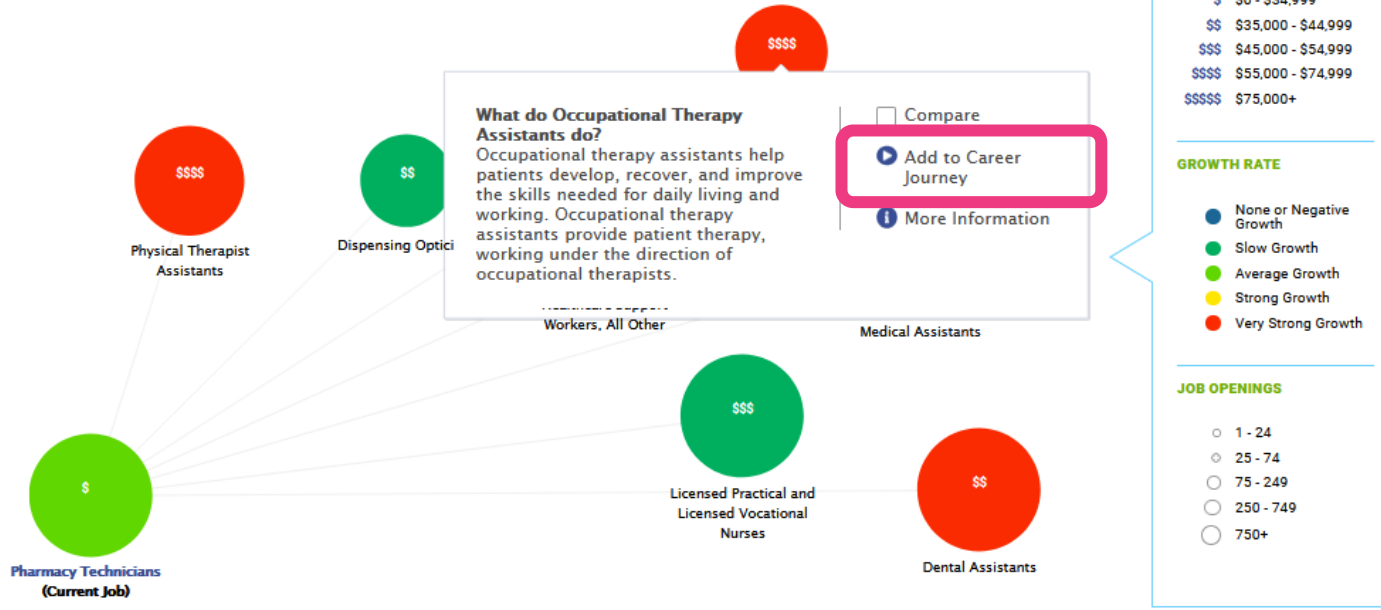
\$32,800 (\$15.77/hr)
 Median NC Wage

13,623
 Total Jobs in 2017

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? How to use Next Step



Compare Occupations

Click on a bubble to learn more about an occupation or to compare it to others. Additional information including comparison data are displayed in a table below.



Occupational Therapy Assistants
 Star Rating: ★★★★★



SALARY

\$66,490 (\$31.97/hr)
 Median NC Wage

NC JOB PROJECTION

1,502
 Total Jobs in 2017

226
 Average Job Openings

+2.4%
 Very Strong Growth

? How to use Next Step

Occupational Therapy Assistants
 Assistants
 (Current Job)

Registered Nurses

SALARY RANGE

- \$ \$0 - \$34,999
- \$\$ \$35,000 - \$44,999
- \$\$\$ \$45,000 - \$54,999
- \$\$\$\$ \$55,000 - \$74,999
- \$\$\$\$\$ \$75,000+

GROWTH RATE

- None or Negative Growth
- Slow Growth
- Average Growth
- Strong Growth
- Very Strong Growth

JOB OPENINGS

- 1 - 24
- 25 - 74
- 75 - 249
- 250 - 749
- 750+

Compare Occupations

“What else could I consider?”



**Find My
Interests**



**Explore
Occupations**



**Plan My
Career**



**Education &
Training**



**Job
Search**



GET STARTED

Uncover which Career Clusters match your combination of work, skill, and academic interests.

Estimated completion time: 10 - 20 minutes.

About Career Cluster Match

The National Career Clusters Framework identifies 16 career clusters and related career pathways that are designed to grow career awareness and exploration. Career Clusters are groups of occupations in the same field of work that require similar skills. Each cluster contains several smaller groups called career Pathways that connect to educational programs, industries, and jobs. While a Career Cluster paints a broad picture of a group of occupations, a Pathway helps you focus on and develop a clear, more informed, educational plan over time.

The Career Cluster Match was adapted and produced with permission from the Career Academic Connections Division of the Oklahoma Department of Career Tech. This survey does not make any claims of statistical reliability and has not been normed. It is intended for use as a guidance tool to generate discussion regarding careers and is valid for that purpose.

Identify favorite Career Clusters



Agriculture, Food & Natural Resources



Architecture & Construction



Arts, A/V Technology & Communications



Business Management & Administration



Education & Training



Finance



Government & Public Administration



Health Science



Hospitality & Tourism



Human Services



Information Technology



Law, Public Safety, Corrections & Security



Manufacturing



Marketing



Science, Technology, Engineering & Mathematics



Transportation, Distribution & Logistics

What activities do you like to do?

Adapt to change or perform a variety of duties that may change

Attend health & science classes or workshops

Be involved in politics

Budget & handle money & records with accuracy & reliability

Communicate easily, tactfully, and courteously

Create reports & communicate ideas

Design efficient processes

Do routine, organized, & accurate work

Which personal qualities describe you?

Adventurous

Community-minded

Competitive

Coordinated

Creative problem-solver

Curious about new technology

Decisive

Caring

What are your favorite subjects?

Accounting

Art / Graphic Design

Banking / Finances

Business Computer Applications

Chemistry

Computer Networking / Electronics

Construction Trades

Earth Sciences

Agriculture

Audiovisual Technologies

Biology / Life Sciences

Business Law

Communications

Computer Technology & Software Development

Drafting / Computer-Aided Drafting (CAD)

























Economics

Cluster Match Results

 **Reflection Survey**

Select a Career Cluster below to learn more about that cluster. Select a pathway to view the occupations in that field, their wages, growth potential, and job requirements.

SCORE	CAREER CLUSTER	CAREER PATHWAY
14	 Health Science	<ul style="list-style-type: none"> • Support Services • Diagnostics Services • Biotechnology Research and Development • Therapeutic Services • Health Informatics
7	 Government and Public Administration	<ul style="list-style-type: none"> • Governance • Planning • Regulation • National Security • Public Management and Administration • Revenue and Taxation
7	 Human Services	<ul style="list-style-type: none"> • Early Childhood Development and Services • Counseling and Mental Health Services • Personal Care Services • Consumer Services • Family and Community Services
7	 Law, Public Safety, Corrections and Security	<ul style="list-style-type: none"> • Security and Protective Services • Emergency and Fire Management Services • Legal Services • Correction Services • Law Enforcement Services
7	 Transportation, Distribution, and Logistics	<ul style="list-style-type: none"> • Transportation Operations • Logistics Planning and Management Services • Transportation Systems/Infrastructure Planning • Facility and Mobile Equipment Maintenance • Sales and Service
6	 Information Technology	<ul style="list-style-type: none"> • Network Systems • Programming and Software Development • Information Support Services • Web and Digital Communications

	 Orthotists and Prosthetists Star Rating: ★★★★★ Education: Master's degree	\$66,660 (\$32.05/hr)	 Very Strong Growth 2.1%	 Few Opportunities 29
	 Medical Assistants Star Rating: ★★★★★ Education: Postsecondary nondegree award	\$34,740 (\$16.70/hr)	 Very Strong Growth 2.1%	 Very Strong Opportunity 2,684
	 Dental Hygienists Star Rating: ★★★★★ Education: Associate's degree	\$72,020 (\$34.63/hr)	 Very Strong Growth 1.9%	 Strong Opportunity 650
	 Dental Assistants Star Rating: ★★★★★ Education: Postsecondary nondegree award	\$44,920 (\$21.59/hr)	 Very Strong Growth 1.9%	 Very Strong Opportunity 1,380
	 Athletic Trainers Star Rating: ★★★★★ Education: Bachelor's degree	\$46,350	 Very Strong Growth 1.9%	 Average Opportunity 77
	 Physical Therapist Assistants Star Rating: ★★★★★ Education: Associate's degree	\$61,090 (\$29.37/hr)	 Very Strong Growth 1.9%	 Strong Opportunity 459

**How can I help my faculty/staff
bring NCcareers into the
curriculum?**

Career Development Lesson Plans

- 66 Unique lesson plans and activities
- Download and edit for your needs
- Written for grade levels:
 - Late Elementary/Middle School
 - High School
 - Post Secondary



Career Development Lesson Plans

- Click on Educator Resources link in Footer



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Advisory Board



Lesson Plan Topics include:

- Overview
- Reality Check
- Interest Finder
- Career Cluster Match
- Be Your Own Boss
- Skills Matcher
- Work Values Sorter
- I didn't know this existed
- What Can I do with that Education?
- Common Job Titles
- Similar Occupations
- What's the Future of my Occupation?
- Career Planning Resources
- Getting a Job

By Topic By Grade About the Lesson Plans

Click on a link to download the Microsoft PowerPoint (.pptx) or PDF file.

Overview of Site

Lesson Plan	Activity # 1	Activity # 2
Conversation Starter (4-12 Grade)		
Overview (4-5 Grade)	WebQuest Fillable Worksheet	WebQuest Printable Worksheet
Overview (6-8 Grade)	WebQuest Fillable Worksheet	WebQuest Printable Worksheet
Overview (9-12 Grade)	WebQuest Fillable Worksheet	WebQuest Printable Worksheet
Overview Post Secondary	Exploratory Questions Post Secondary Worksheet	

Reality Check

Lesson Plan	Activity # 1	Activity # 2
Reality Check (4-5)	Reality Check Worksheet	
Reality Check (6-8)		
Reality Check (9-12)	Venn Diagram Worksheet	
Reality Check Post Secondary		
Reality Check Results (4-8)	Reality Check Results Percentage Worksheet	

Interest Finder

Lesson Plan	Activity # 1	Activity # 2
Interest Finder (4-5)	The Holland Codes Worksheet	
Interest Finder (6-8)		
Interest Finder (9-12)		
Interest Finder Post Secondary		

Overview

LEARNING OUTCOMES

Provide a broad overview of the NCcareers.org site so students understand and are able to apply:

- The information that is housed on the site
- The ways that the information can be used in their career search

INTRODUCTION

Instructor allows time (10 minutes) for students to explore the NCcareers site. After, students should only note what stands out and what they question. Instructor leads a whole class discussion about the importance of utilizing career sites as part of the planning process.

ACTIVITY

Unpack NCcareers Overview. Create a discussion forum (Moodle, Canvas, or other Learning Management System) discuss each section with review questions.

Sample questions

WRAP UP/DISCUSSION/REFLECTION

Instructor will have students reflect on the activity. The notes that students took will be used throughout the semester in career planning and other related projects.

DIRECTIONS

Explore how targeted career planning can assist in planning future endeavors (academic, internships, and job search)?

How to Access NCcareers

Step 1: Go to [NCcareers.org](https://nccareers.org)

Step 2: Go through links to see what information is housed on the site

Step 3: Makes notes of interesting information and outstanding questions

**What if my students have
limited/no internet access?**

North Carolina Career Exploration Guide



Your Resource for Career Clusters, Pathways
and Occupations to help grow your future. >

How to Use This Guide

Congratulations, you are taking the first step on a career exploration journey. This is a process for defining the next step in your work life.

Where you start a career journey varies depending on several factors like past work experience, knowledge of careers, and more. You can also go through the process several times throughout your working life as the job market changes or you develop new skills.



If you don't know a lot about jobs or are unsure of what you want to do, start by **Finding Your Interests**. During this self-assessment phase, use tools to understand your interests, values, salary needs and more. The results from these assessments can narrow potential occupations to a manageable number.



The **Explore Occupations** phase requires you to review information about individual occupations. This information addresses the long-term job outlook, salary, typical duties, minimum educational requirements, and more.



The third phase of your career journey is to **Plan Your Career**. This requires you to think about what job you want and how to get there. Within these pages you will find important resources to map out a career plan, discover information necessary for understanding the knowledge, experience, and skill requirements to get hired and build upon those to advance your career.



The next step is to act on that plan. This almost always means assessing your **Education & Training** options to meet job requirements or give you an advantage over other candidates. Here you will learn about higher education degrees and credentials offered at NC colleges and universities and options offered by private training providers.



The final step is to put this knowledge to use and start a **Job Search**. The job search section of this guide will tell you how to prepare for work. If you need help writing a resume, preparing for an interview, or tips to help you stand out as a candidate, you can find it in this section.



CAREER PATHWAYS



CORE SKILLS

- Science
- Service Orientation
- Social Perceptiveness
- Instructing
- Active Learning
- Reading Comprehension
- Learning Strategies
- Active Listening
- Writing
- Judgment and Decision Making

Health Science

Where do medical technologies and human touch intersect? They meet within the Health Science career cluster, which is a North Carolina and national growth industry. As the number of Americans over age 65 has grown and as more people survive serious injuries and other health issues, the need for healthcare has increased. If you want to work in a cluster that has strong job growth, this cluster may be for you. It is expected to include the greatest number of new jobs in North Carolina over the next 10 years and about one-third of the state's "hot jobs."

Hospitals or doctors' offices usually come to mind first when we think about healthcare workplaces, but home health care organizations and nursing homes also employ workers in this cluster. Some employees in this industry have 8-to-5 schedules, while others work less traditional shifts.

If you're thinking about a healthcare career, many jobs require good math and science skills. Jobs in this industry include a wide variety of educational backgrounds, ranging from medical degrees to many jobs that require less than four years of college.

CAREER RESEARCH

- Council on Education ceah.org
- Academy of Nutrition and Dietetics eatright.org
- Johnson & Johnson Nursing discovernursing.com
- Association of University Health Administrators auha.org/resources/futurestudents
- HOSA - Future Health Professionals hosa.org

Find more Health Science Occupations:

ES



Seham Alimusleh

Alamance Community College
Dental Assistant

Q: How did you decide to pursue your occupation?

A: I have always loved going to the dentist as a kid and everyone was so nice. I have been a patient at the orthodontist for 3 years wearing braces. I have seen a lot and it was something I enjoyed.

Q: Why is the work you do important?

A: Most people have insecurities about their smile and I think helping them with these insecurities is important.

Q: What would interest others about your career choice?

A: Seeing the smile on your patients face after their appointment or after a big change they made to their smile.

Q: What kind of training and education do you need for this job?

A: Hands-on training and practice at private practices.

ng some patient. As

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Setting Goals?

Now that you have found your interests and explored occupations in the first two sections, the next step is to set some career goals.

Goals should not only be about identifying the job you want, but about how you plan to achieve it. Ultimately, this requires an understanding about how to grow your career. Growing in your career can be defined in several ways, including taking on additional responsibility, gaining more experience and, of course, earning a higher salary.

This is important because having goals keeps you focused on where you want to go. Setting goals has several benefits including: constantly giving guidance and direction, facilitation planning, motivation and inspiration as well as allowing for evaluation.



Where to get help with Goal Setting

No matter where you are in your career journey, there's someone here to help you.

Middle School or High School Students

Talk to your School Counselor or Career Development Coordinator (CDC).



SCHOOL COUNSELOR



CAREER DEVELOPMENT COORDINATOR (CDC)

Community College or University Students

Visit your school's career center.



COMMUNITY COLLEGE CAREER CENTER



UNIVERSITY CAREER CENTER

Not Enrolled in School

Visit your local NCWorks Career Center.



Education and Training

North Carolina has a strong education and training system, which is important given how employers often seek to hire individuals with a certain level or type of education or training.

After high school, there are a variety of education and training options:

- North Carolina community colleges (58 public postsecondary institutions that offer education and training that generally takes two years or less to complete).
- Public UNC System colleges or universities (16 colleges/universities offering four-year bachelor's degrees and a variety of advanced and professional degrees).
- Independent colleges or universities (private postsecondary institutions that offer two-year degrees, four-year degrees, and/or advanced or professional degrees).
- Other training providers.

It is important to have in mind what kind of careers you may want to pursue as you consider the postsecondary education or training path that is right for you.

Note that there are pathways between types of postsecondary education. For example, certain associate's degrees at community colleges are designed for students to transfer easily to a four-year college or university for their junior and senior years to earn a bachelor's degree. Also, some people who earn an academic degree (such as a bachelor's degree) may later obtain more specialized training or credentials for their chosen career in another postsecondary education or training program, at the same or another type of institution.

Community Colleges

Community colleges offer many different kinds of education and training options.

Here are some examples:

- Academic programs leading to an academic credential (Certificate, Diploma, or Degree).
 - Some are designed to lead a student directly into the workforce after completion, such as Career and Technical Education programs.
 - Some associate's degree programs are designed for "College Transfer" – to be able to transfer to another college or university, often to be able to complete a bachelor's degree.
- Short-term workforce training (weeks or months of job training) to prepare for specific jobs, usually not for college credit, but often students earn an industry-recognized credential.
- Programs for those who have not yet earned their high school diploma to earn their high school diploma as an adult or take tests to earn their high school equivalency.
- Programs for English Language Learners to learn English in order to pursue further education or training, or to have the language skills for the workplace.
- Entrepreneurship courses and business counseling.
- Apprenticeship programs, work-based learning courses, and other work-based or simulated work opportunities to understand what it is like to work in a specific field.
- Dual enrollment programs (such as Career and College Promise) that enable high school students to take community college courses while still in high school.

On the following pages, several types of community college program areas are highlighted.

HOW LONG WILL IT TAKE TO EARN A CREDENTIAL?

Typical time to earn an academic credential from a Community College, if you're studying as a full-time student:

- **Certificate**
One semester
- **Diploma**
Two semesters plus summer session
- **Degree**
Two years
 - Associate in Applied Arts/Science to prepare for employment
OR
 - Associate in Arts/Science to transfer to a four-year college/university.

Career Exploration Guide

- Click on Educator Resources link in Footer



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By Topic

By Grade

About the Lesson Plans

Printables & Tools



Printables

[Mini-Career Cluster Handbook](#)

[Career Cluster Re-Entry Guide](#)

[Career Cluster Military Guide](#)

[2018 NC Career Clusters Guide](#)

[NCcareers At-A-Glance](#)

[2021 Star Jobs Brochures by Region](#)

[2021 Star Jobs Posters by Region \(Small\)](#)

[2021 Star Jobs Posters by Region \(Large\)](#)

Educators can access student accounts with a [ProTools account](#) through CFNC.

Why should I use NCcareers with clients and students?

- Access to reliable & NC specific information, all in one place.
- Ability to save information for later access.
 - For Students and Counselors
- Better alignment of education and occupational goals.
- Ability to be proactive, but also reactive.
- Access to online and offline resources.

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@LEADNC



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