

# *LEADing Career Resources*



NCWorks Partnership Conference

October 7, 2016

Labor & Economic Analysis Division (LEAD)  
North Carolina Department of Commerce



# *Questions, questions, questions...*

- How much will I need to make to live a certain lifestyle?
- What are the best career options for making that salary, and which jobs will have the most openings?
- Where can I find more information about this occupation?
- Do you need a license for this job?
- Which industries are most likely to have the greatest number of these jobs?

# *A few questions for you – Where do you stand?*

*Who do you serve?*

- Youth? Adults? Both?
- Job seekers? Career planners? Both?

*Where do you work?*

- NCWorks Career Center? Community College? Vocational Rehabilitation? Public Safety? State agency? Other?
- Urban area? Rural area? Both?

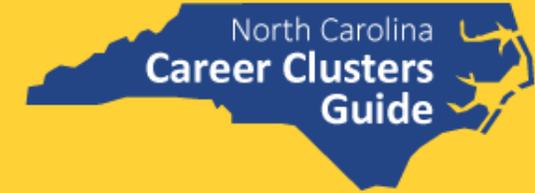
# Some answers



REALITY CHECK



STAR JOBS



CAREER CLUSTERS



OCCUPATIONAL PROFILES



OCCUPATIONS REQUIRING A LICENSE



STAFFING PATTERNS



NC TOWER



EMPLOYMENT PROJECTIONS

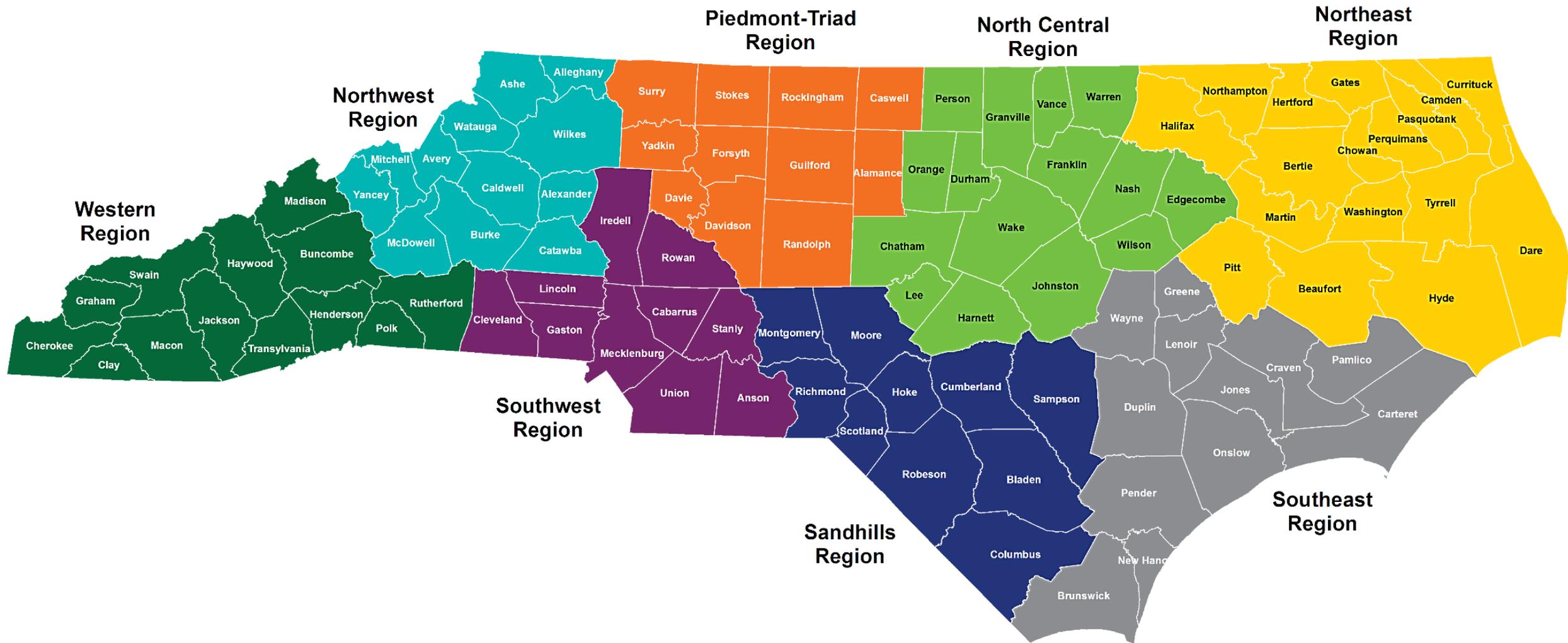


# *What are the best career options for making that salary, and which jobs will have the most openings?*



- Replaces “Hot Jobs”
- Rated ~550 NC Occupations
  - Projected Openings
  - Growth Rate
  - Wage
- Rating Between 1 and 5 Stars
  - More Stars, Better Career Prospects
  - Star Jobs by Career Clusters
  - Statewide & Prosperity Zones

# Prosperity Zones



Area: Statewide ⓘ Stars: All Ratings Annual Wage: No Minimum No Maximum Education: All Education Level

Career Cluster: All Career Clusters Interest ⓘ: 1st: None Selected 2nd: None Selected 3rd: None Selected

Classification of Instructional Programs (CIP): Any CIP Program

[Search](#) [Start Over](#)

Search Occupation:

[Excel](#) [Print](#)

Stars	SOC	Occupation Title	2012	2022	Change (10 year)	Annual % Growth	Annual Openings	Median Annual <a href="#">Switch to Hourly</a>	Interest ⓘ	Education	Job Posting
Not Rated	17-3021	Aerospace Engineering and Operations Technicians +	24	27	3	1.18%	0	\$58,310	RIC	Associate's degree	<a href="#">View Jobs</a>
★★★★	17-2011	Aerospace Engineers +	713	767	54	0.73%	22	\$89,560	IR	Bachelor's degree	<a href="#">View Jobs</a>
Not Rated	17-2021	Agricultural Engineers +	37	35	-2	-0.55%	1	\$85,580	IRE	Bachelor's degree	<a href="#">View Jobs</a>
★★★★	11-9041	Architectural and Engineering Managers +	4,642	4,887	245	0.52%	138	\$120,740	ERI	Bachelor's degree	<a href="#">View Jobs</a>
★★★★★	17-2031	Biomedical Engineers +	367	541	174	3.96%	26	\$84,570	IR	Bachelor's degree	<a href="#">View Jobs</a>
★★★★★	17-2041	Chemical Engineers +	779	847	68	0.84%	25	\$85,600	IR	Bachelor's degree	<a href="#">View Jobs</a>

Area: Statewide ⓘ Stars: All Ratings Annual Wage: No Minimum No Maximum Education: All Education Level  
 Career Cluster: All Career Clusters Interest ⓘ: 1st: None Selected 2nd: None Selected 3rd: None Selected  
 Classification of Instructional Programs (CIP): Any CIP Program

Search Start Over

Search Occupation: chemical engineer

Excel Print

Stars	SOC	Occupation Title	2012	2022	Change (10 year)	Annual % Growth	Annual Openings	Median Annual	Interest ⓘ	Education	Job Posting
★★★★	17-2041	Chemical Engineers <span>⊖</span>	779	847	68	0.84%	25	\$85,600	IR	Bachelor's degree	View Jobs

**17-2041: Chemical Engineers**

View Top 5 Similar Occupations

- 17-2111: Health and Safety Engineers, Except Mining Safety Engineers and Inspectors
- 17-2021: Agricultural Engineers
- 17-2151: Mining and Geological Engineers, Including Mining Safety Engineers
- 17-2199: Engineers, All Other
- 13-1001: Logisticians

Occupations Requiring a License in North Carolina:

- Professional Engineer

### Occupational Profile

**Career Cluster & Pathway**

- Science, Technology, Engineering and Mathematics
  - Engineering and Technology

**Classification of Instructional Programs (CIP)**

- Chemical Engineering
- Chemical and Biomolecular Engineering
- Chemical Engineering, Other
- Paper Science and Engineering
- Biochemical Engineering
- Engineering Chemistry

Area: Statewide

2015 Wages:

	Entry	Median	Experienced
Hourly	\$29.12	\$41.15	\$55.93
Annual	\$60,580	\$85,600	\$116,330

Individual Ratings:

Wage	Openings	Growth Rate
★★★★★	★★	★★★

Showing 1 to 1 of 1 entries (filtered from 746 total entries)

Show 25 entries

Previous 1 Next

# *Where can I find more information about this occupation?*



- Occupation's Duties
- Work Environment
- Typical Interests
- Top Knowledge, Skills, Abilities
- Education, Training, Experience
- Industries for Employment
- NC Job Outlook
- Median NC Wage
- Similar Jobs
- Job Search

# *Do you need a license for this job?*



- Brief description of each license
- Information about related occupations and links to O\*NET
- Licensing authority links and other contact information to check for:
  - Fees
  - License requirements
  - Updated information

## *How much will I need to make to live a certain lifestyle?*

- Provide data about costs of necessary and preferred items
- Determine *amount of money* needed to support desired lifestyle
- Help choose *occupations* with salaries that match those life choices
- Review ways to reduce spending



## Where do you want to live?

Enter a zip code or select a county below:

GO

Alamance  
Beaufort  
Cabarrus  
Chatham  
Craven  
Duplin  
Gates  
Harnett  
Iredell  
Lincoln  
Mitchell  
Onslow  
Person  
Rockingham  
Stokes  
Vance  
Wilkes

Alexander  
Bertie  
Caldwell  
Cherokee  
Cumberland  
Durham  
Graham  
Haywood  
Jackson  
McDowell  
Montgomery  
Orange  
Pitt  
Rowan  
Surry  
Wake  
Wilson

Alleghany  
Bladen  
Camden  
Chowan  
Currituck  
Edgecombe  
Granville  
Henderson  
Johnston  
Macon  
Moore  
Pamlico  
Polk  
Rutherford  
Swain  
Warren  
Yadkin

Anson  
Brunswick  
Carteret  
Clay  
Dare  
Forsyth  
Greene  
Hertford  
Jones  
Madison  
Nash  
Pasquotank  
Randolph  
Sampson  
Transylvania  
Washington  
Yancey

Ashe  
Buncombe  
Caswell  
Cleveland  
Davidson  
Franklin  
Guilford  
Hoke  
Lee  
Martin  
New Hanover  
Pender  
Richmond  
Scotland  
Tyrrell  
Watauga

Avery  
Burke  
Catawba  
Columbus  
Davie  
Gaston  
Halifax  
Hyde  
Lenoir  
Mecklenburg  
Northampton  
Perquimans  
Robeson  
Stanly  
Union  
Wayne

 +	 +	 +	 +	 +	 +	 +	 +	 +	 +	 +	 =	Monthly Total
Housing	Utilities	Transportation	Food	Clothes	Entertainment	Personal	Healthcare	Education	Miscellaneous	Savings	Taxes	\$0.00
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

## Housing

What kind of place will you live in? Click on the statement below that best describes you or, if you know how much your housing will cost each month, enter that amount in the Monthly Cost box below.

Monthly cost:

\$ 0

NEXT >



Utilities

### Own my own home (house, townhouse, condo)

*Costs include monthly mortgage, insurance, tax, maintenance, and repair expenses.*

- Own affordable home
- Own average home
- Own upscale home

### Rent (apartment, townhome, house)

*Costs include rent & insurance.*

- Rent affordable home
- Rent average home
- Rent upscale home

### Live with parents or friends

- Live with parents or friends

 +	 +	 +	 +	 +	 +	 +	 +	 +	 +	 +	 =	Monthly Total \$1,080.00
Housing \$530.00	Utilities \$390.00	Transportation \$0.00	Food \$0.00	Clothes \$0.00	Entertainment \$0.00	Personal \$0.00	Healthcare \$0.00	Education \$0.00	Miscellaneous \$0.00	Savings \$0.00	Taxes \$160.00	

## Utilities

What home services will you need? Click on the statement below that best describes you or, if you know how much your utilities will cost each month, enter that amount in the Monthly Cost box below.

Monthly cost:

\$ 390

Water & Electricity

\$ 210

*Costs include water, garbage/sewer/septic, gas, electricity..*

Cell phone service

\$ 70

*Average phone expenses (including phone cost and plan)..*

House phone

Internet

\$ 50

*Monthly access costs only, excluding website subscription services.*

Cable/Satellite TV

\$ 60

*Average total costs for cable/satellite service, including pay-per-view..*

NEXT »



Transportation

 +	 +	 +	 +	 +	 +	 +	 +	 +	 +	 +	 =	Monthly Total
Housing \$530.00	Utilities \$390.00	Transportation \$620.00	Food \$0.00	Clothes \$0.00	Entertainment \$0.00	Personal \$0.00	Healthcare \$0.00	Education \$0.00	Miscellaneous \$0.00	Savings \$0.00	Taxes \$340.00	\$1,880.00

## Transportation

How will you get around? Click on the statement below that best describes you or, if you know how much your transportation will cost each month, enter that amount in the Monthly Cost box below.

Monthly cost:

\$ 620

NEXT »



### Buy a new or used car with a car loan

- Low cost car with payment
- Economy car with payment
- Average car with payment

*Average midsize new car, basic truck/van/SUV, or moderately used standard truck/van/SUV.*

- Premium car with payment
- Luxury car with payment

### Use a car that's already paid for

- Use a car that's already paid for

### Walk, bike, public transportation

- Walk, bike, public transportation

 +	 +	 +	 +	 +	 +	 +	 +	 +	 +	 +	 =	Monthly Total
Housing	Utilities	Transportation	Food	Clothes	Entertainment	Personal	Healthcare	Education	Miscellaneous	Savings	Taxes	\$2,240.00
\$530.00	\$390.00	\$620.00	\$200.00	\$30.00	\$40.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$430.00	

## Food

How expensive are your tastes? Click on the statement below that best describes you or, if you know how much your food will cost each month, enter that amount in the Monthly Cost box below.

- I eat cheaply
- I eat like the average person

*Average costs - includes a mix of moderate-priced groceries, fast food, and sit-down restaurants..*

- I eat well

Monthly cost:

\$ 200

NEXT »



 +	 +	 +	 +	 +	 +	 +	 +	 +	 +	 +	 =	Monthly Total
Housing \$530.00	Utilities \$390.00	Transportation \$620.00	Food \$200.00	Clothes \$30.00	Entertainment \$40.00	Personal \$0.00	Healthcare \$0.00	Education \$0.00	Miscellaneous \$0.00	Savings \$0.00	Taxes \$430.00	\$2,240.00

## Clothes

How much do you value what you wear? Click on the statement below that best describes you or, if you know how much your clothes will cost each month, enter that amount in the Monthly Cost box below.

- I'm thrifty
- I have average tastes and expenses

*Average costs - purchase at least some new clothes and jewelry each season, have some mix of designer and off/brand clothing, shop at department stores and mall retailers. .*

- I like really nice clothes

Monthly cost:

\$ 30

NEXT »



Entertainment

 +	 +	 +	 +	 +	 +	 +	 +	 +	 +	 +	 =	Monthly Total
Housing \$530.00	Utilities \$390.00	Transportation \$620.00	Food \$200.00	Clothes \$30.00	Entertainment \$40.00	Personal \$0.00	Healthcare \$0.00	Education \$0.00	Miscellaneous \$0.00	Savings \$0.00	Taxes \$430.00	\$2,240.00

## Entertainment

How much do you want to have to spend on gadgets and entertainment? Click on the statement below that best describes you or, if you know how much your gadgets and entertainment will cost each month, enter that amount in the Monthly Cost box below.

Monthly cost:

\$ 40

NEXT »



- Fun money. Spending on movies, sports, clubs, concerts, gym memberships, hobbies, gadgets, and other entertainment activities and luxuries.
- I don't need much to be entertained.
  - I spend about the same as most people.
- Spend just as much as the average person on gadgets, entertainment, and hobbies..*
- I like to go out a lot and have lots of stuff,

 +	 +	 +	 +	 +	 +	 +	 +	 +	 +	 +	 =	Monthly Total
Housing \$530.00	Utilities \$390.00	Transportation \$620.00	Food \$200.00	Clothes \$30.00	Entertainment \$40.00	Personal \$80.00	Healthcare \$0.00	Education \$0.00	Miscellaneous \$0.00	Savings \$0.00	Taxes \$450.00	\$2,340.00

## Personal

How much do you want to have to spend on personal items and household goods? Click on the statement below that best describes you or, if you know how much your personal items will cost each month, enter that amount in the Monthly Cost box below.

Spending on products and services to make you and your home look and feel good - such as makeup, haircuts, furniture, soap, cleaning services, etc.

- I'm thrifty
- I spend about average

*Spend just as much as the average person on personal and household goods and services..*

- I only buy the best

Monthly cost:

\$ 80

NEXT »



Healthcare

 +	 +	 +	 +	 +	 +	 +	 +	 +	 +	 +	 =	Monthly Total
Housing	Utilities	Transportation	Food	Clothes	Entertainment	Personal	Healthcare	Education	Miscellaneous	Savings	Taxes	\$2,510.00
\$530.00	\$390.00	\$620.00	\$200.00	\$30.00	\$40.00	\$80.00	\$120.00	\$0.00	\$0.00	\$0.00	\$500.00	

## Healthcare

How much will you have to pay for health and medical expenses? Click on the statement below that best describes you or, if you know how much your health care will cost each month, enter that amount in the Monthly Cost box below.

Health insurance

\$ 70

*Includes the average monthly insurance expenses for individuals (not counting employer contributions).*

Medical expenses

\$ 50

*Includes costs for doctor visits, drugs, and other medical supplies including co-pays and deductibles.*

Monthly cost:

\$ 120

NEXT »



 +	 +	 +	 +	 +	 +	 +	 +	 +	 +	 +	 =	Monthly Total
Housing	Utilities	Transportation	Food	Clothes	Entertainment	Personal	Healthcare	Education	Miscellaneous	Savings	Taxes	\$2,510.00
\$530.00	\$390.00	\$620.00	\$200.00	\$30.00	\$40.00	\$80.00	\$120.00	\$0.00	\$0.00	\$0.00	\$500.00	

## Education

Do you expect to have student loans to repay? Click on the statement below that best describes you or, if you know how much your student loans will cost each month, enter that amount in the Monthly Cost box below.

- I do not plan on having any student loan debt.
- I will have student loan debt.

Monthly cost:

\$ 0

NEXT »



Miscellaneous

 +	 +	 +	 +	 +	 +	 +	 +	 +	 +	 +	 =	Monthly Total
Housing	Utilities	Transportation	Food	Clothes	Entertainment	Personal	Healthcare	Education	Miscellaneous	Savings	Taxes	\$2,700.00
\$530.00	\$390.00	\$620.00	\$200.00	\$30.00	\$40.00	\$80.00	\$120.00	\$0.00	\$150.00	\$0.00	\$540.00	

## Miscellaneous

Do you plan to have pets or children? Select and if your amount is different from the amount shown, enter it in the Monthly Cost box below

<input type="checkbox"/> Child care	
<input type="checkbox"/> Travel	
<input type="checkbox"/> Pets	
<input checked="" type="checkbox"/> Other expenses	\$ 100

*Do you expect to have any other costs not captured so far? Enter any monthly expenses you'd like to account for that haven't been included thus far..*

Monthly cost:

\$ 150

NEXT »

\$  
Savings

 +	 +	 +	 +	 +	 +	 +	 +	 +	 +	 +	 =	Monthly Total
Housing \$530.00	Utilities \$390.00	Transportation \$620.00	Food \$200.00	Clothes \$30.00	Entertainment \$40.00	Personal \$80.00	Healthcare \$120.00	Education \$0.00	Miscellaneous \$150.00	Savings \$140.00	Taxes \$580.00	\$2,880.00

## Savings

What percent of your paycheck do you plan on saving each month for big purchases, emergencies, and retirement? Click on the statement below that best describes you or, if you know how much your savings will be each month, enter that amount in the Monthly Cost box below.

I am not interested in saving right now.

5%

*You realize that the habit of savings is not as hard as you'd thought. You may have already arranged a direct deposit of 5% of your salary into your savings account..*

10%

15%

Monthly cost:

\$ 140

NEXT »



 +	 +	 +	 +	 +	 +	 +	 +	 +	 +	 +	 =	Monthly Total
Housing \$530.00	Utilities \$390.00	Transportation \$620.00	Food \$200.00	Clothes \$30.00	Entertainment \$40.00	Personal \$80.00	Healthcare \$120.00	Education \$0.00	Miscellaneous \$150.00	Savings \$140.00	Taxes \$580.00	\$2,880.00

## Taxes

Enjoy traveling on interstates and state highways? Appreciate police officers or EMTs showing up when you have an emergency? What about those water and sewer pipes? Most of us groan about taxes, but they do pay for essential resources and services in our communities. This item estimates your income-based tax payments and shows why your take-home pay looks different from your gross income.

Monthly cost:

\$ 580

[GO TO SUMMARY PAGE](#)

### Federal income tax

\$ 250

*This tax pays for national defense, public health services and research, national debt, veterans' benefits and other resources for the public good..*

### Social security

\$ 180

*Your contribution provides income and health insurance for people who have retired, have disabilities or are poor..*

### Medicare

\$ 40

*You provide support for the federal government's health insurance program for people who are 65 years old and older..*

### State income tax

\$ 110

*Your state income tax helps pay for North Carolina's systems of education, health care, highways, and other shared resources..*

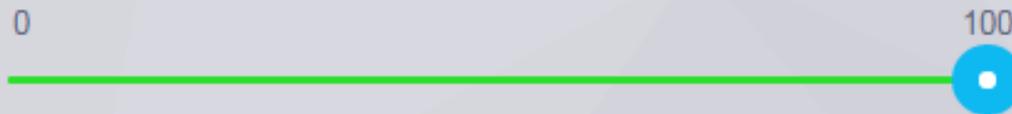
## Your Monthly Budget Report

Monthly spending **\$2,880.00**

 <b>Housing</b>	Rent average home	\$530.00
 <b>Utilities</b>	Water & Electricity Cell phone service Internet Cable/Satellite TV	\$390.00
 <b>Transportation</b>	Average car with payment	\$620.00
 <b>Food</b>	I eat like the average person	\$200.00
 <b>Clothes</b>	I have average tastes and expenses	\$30.00
 <b>Entertainment</b>	I spend about the same as most people.	\$40.00
 <b>Personal</b>	I spend about average	\$80.00
 <b>Healthcare</b>	Health insurance Medical expenses	\$120.00
 <b>Education</b>	I do not plan on having any student loan debt.	\$0.00
 <b>Miscellaneous</b>	Custom	\$150.00
 <b>Savings</b>	5%	\$140.00
 <b>Taxes</b>		\$580.00

Minimum household income **\$34,560.00**

### My household expense contribution (%)



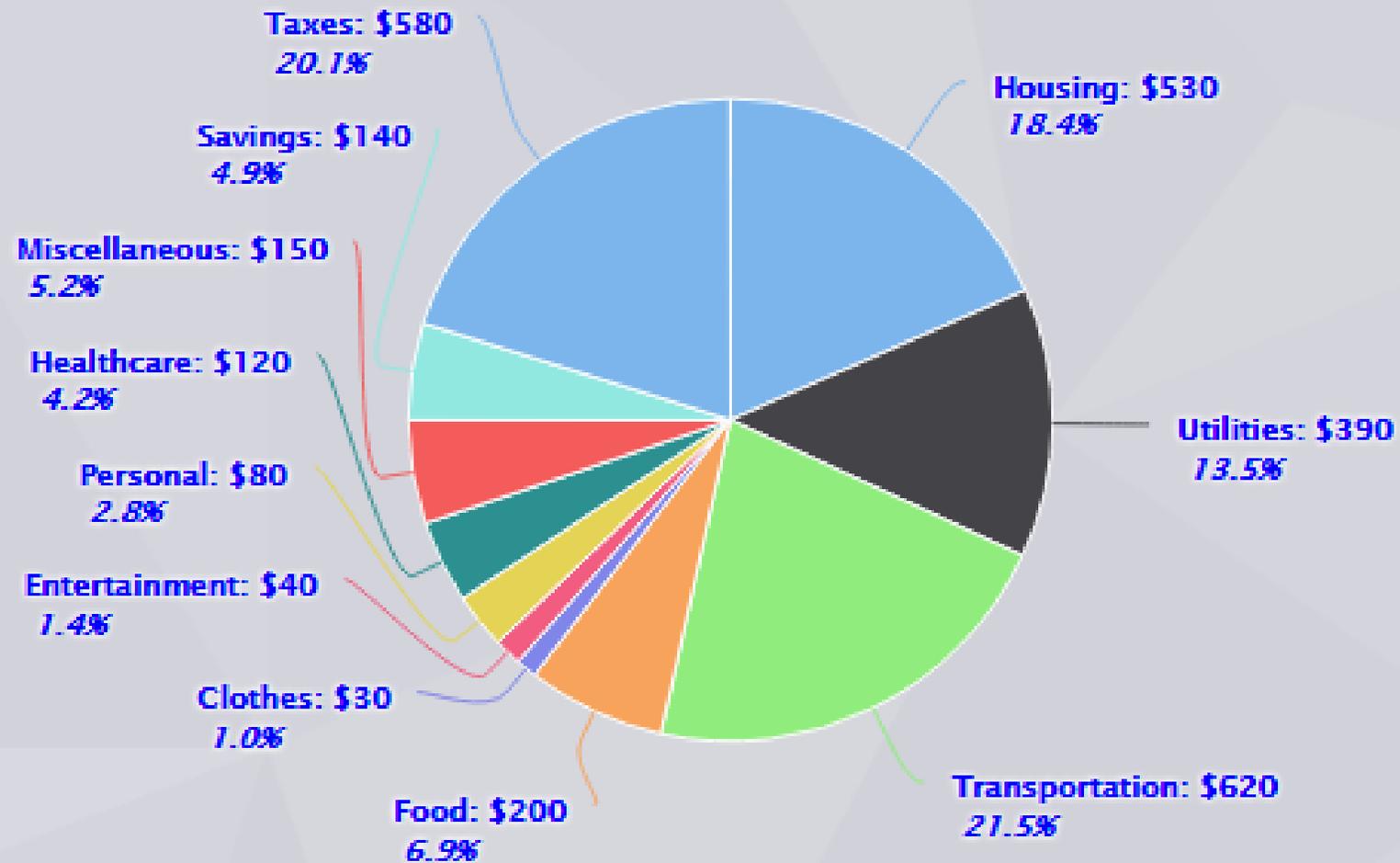
My minimum annual salary **\$34,560.00**

Money from others **\$0.00**

**FIND OCCUPATIONS**

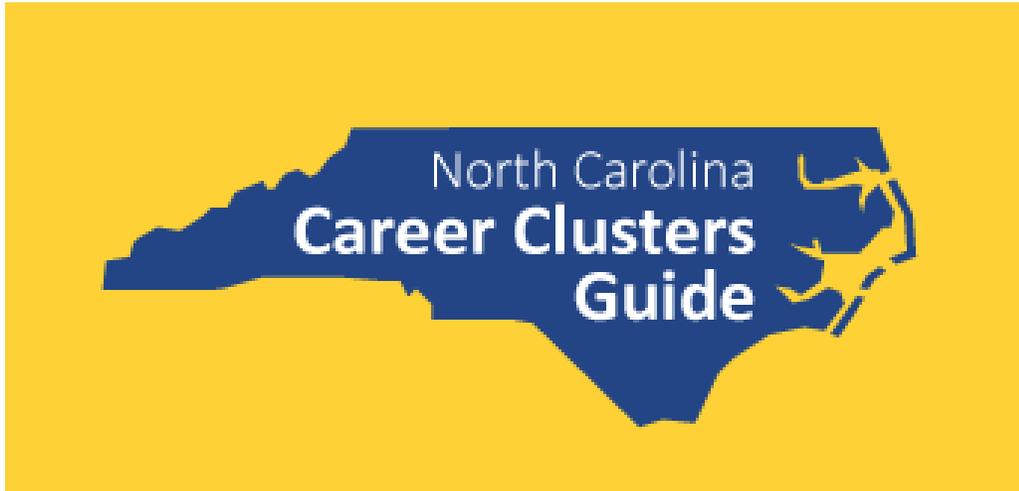


## Monthly Spending by Category



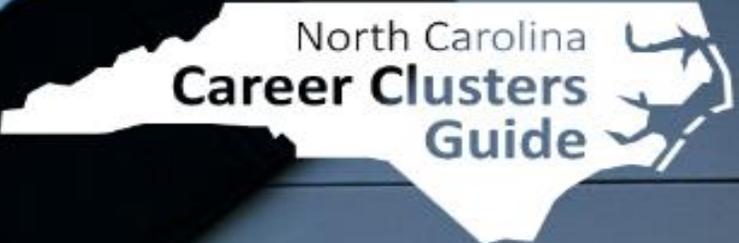
*New*

## *Interactive Career Clusters Guide*



- Based on 2015 NC Career Clusters Guide
- Online Interest Assessment
- Accessible via Mobile Devices
- Link to Star Jobs
  - Jobs by Career Cluster
  - Jobs by Interest Area

More Info [nccareers.org/careerguide/](https://nccareers.org/careerguide/)



North Carolina  
**Career Clusters**  
Guide

## **USING THIS GUIDE FOR CAREER PLANNING**

**Are you planning for high school, college, the workforce, or a career change? You will find the North Carolina Career Clusters Guide a valuable resource as you make these important decisions. This guide is designed to be a tool for planning and preparing for a career. It provides you a structure for selecting careers based on linking what you know about yourself with information about occupations and typical training requirements.**

**The career-planning process is the cycle you follow when seeking employment in occupations that match your interests. You can repeat this process as needed to help you find your place in the world of work. Follow these steps to learn about Career Clusters, their multiple pathways, and to find career options that best fit you.**

**START**

# *What is the future demand for workers?*



- Forecasts of Future Jobs
  - by Industries
  - by Occupations
  
- Long-term vs. Short-term
  - 2 years (statewide only)
  - 10 years
  
- Geography
  - Statewide
  - Sub-State (Prosperity Zones)

# *Projections Can Answer*



- Fast growing/declining industries
- Occupations in demand
- Projected number of job openings
  - from new growth
  - from replacement needs
- Typical level of education, training, and work experience



*New  
Release*

2014-2024  
Statewide  
Industry  
Projections

*Industries Projected to Add the Most Jobs  
in North Carolina*

- # 6 – Construction
- # 5 – Professional, Scientific, and Technical Services
- # 4 – Administrative and Support and Waste Management  
Remediation Services
- # 3 – Retail Trade
- # 2 – Accommodation and Food Services
- # 1 – **Health Care and Social Assistance**

More info is available at NC Commerce LEAD/Data & Tools [2014-2024 NC Industry Projections](#)



# *Occupations Projected to Add the Most Jobs in North Carolina*



*New  
Release*

2014-2024  
Statewide  
Occupational  
Projections

- # 6 – Customer Service Representatives
- # 5 – Registered Nurses
- # 4 – Waiters and Waitresses
- # 3 – Cashiers
- # 2 – Retail Salespersons
- # 1 – Food Preparation & Serving Workers**

More info is available at NC Commerce LEAD/Data & Tools [2014-2024 NC Occupational Projections](#)



# NC TOWER

*~ An Online Tool of NC Common Follow-Up System ~*

NC TOWER

Home

About

Data Search

## WELCOME TO NC TOWER

Welcome to NC TOWER (North Carolina's Tool for Online Workforce and Education Reporting), a product of the Common Follow-up System. Select "Community Colleges" or "Public Universities" from the right and click "Go" to view information about the workforce and educational outcomes of programs at those institutions. Or, scroll down on this page to see selected statistics about North Carolina's State-funded education programs.

<http://nctower.com/>



## *What is Common Follow-Up System*



Provides information on the educational and employment outcomes of participants in publicly supported educational, employment and training programs for use in planning, policy-making, program evaluation, resource allocation and career planning.

<http://nctower.com/aboutcfs/>



## *What is NC TOWER*



Provides graphs and tables of in-depth information on employment rates, wages, and ongoing higher education enrollment of graduates from the North Carolina Community College System and University of North Carolina system schools.

<http://nctower.com/aboutnctower/>

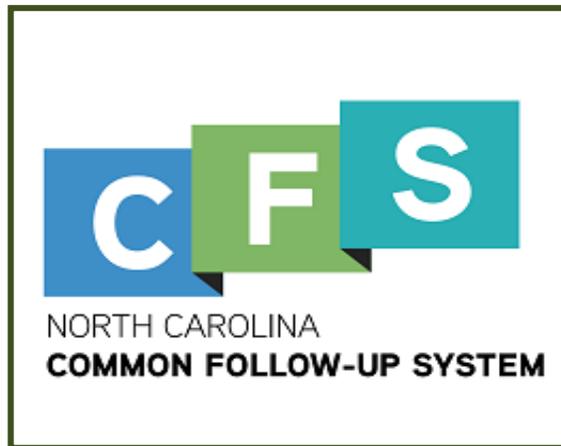


# *NC TOWER Can Answer*



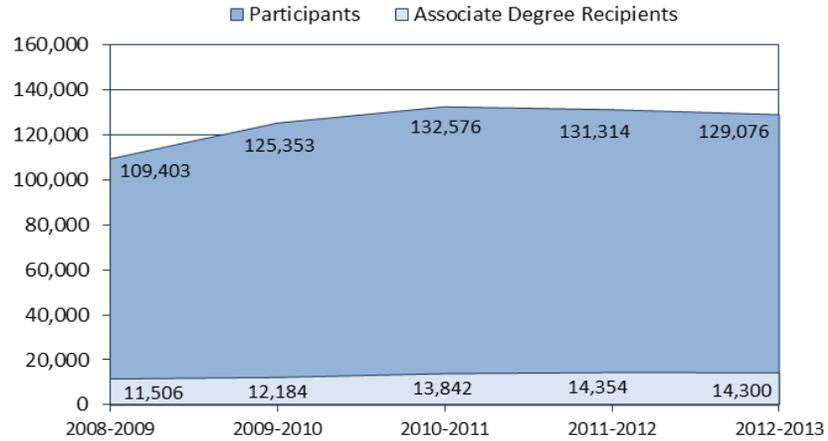
- Top-Paying Degree Programs at UNC & NCCCS
- Most Popular Degree Programs at UNC & NCCCS
- Post-Graduation Enrollment or Employment
- Employment by Industry (1 – 10 years)
- Average Wage by Industry (1 – 10 years)
- Program Comparison

# *Who Can Benefit from NC TOWER*

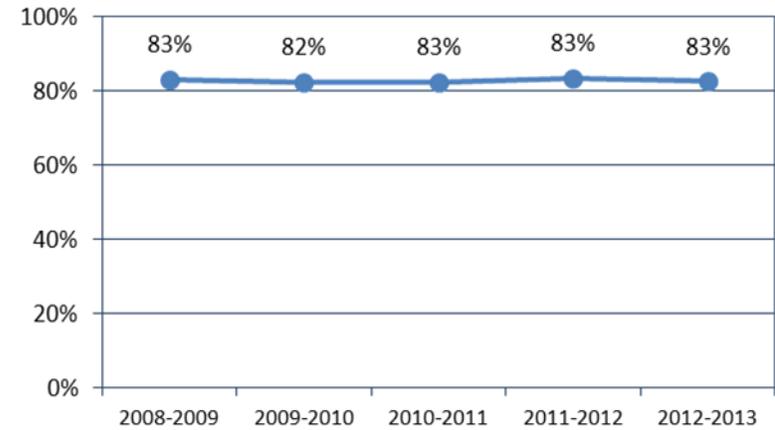


- Students and parents looking at college options
- College and university staff evaluating their programs
- Legislators setting workforce development and education policy
- Economic developers looking at how local schools impact the workforce

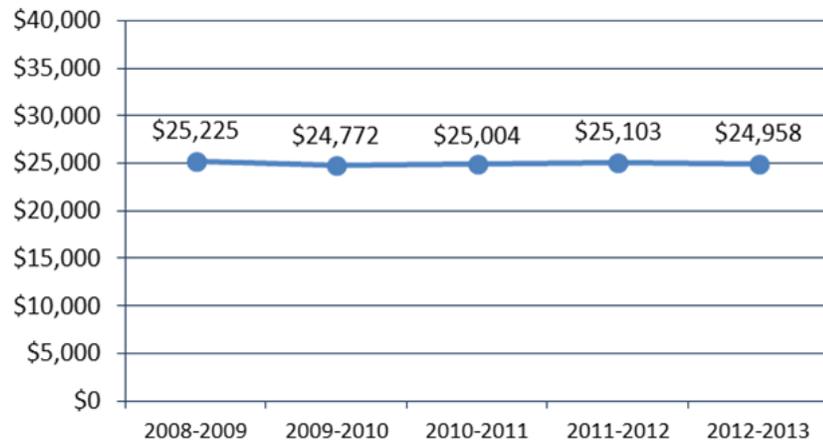
#### PARTICIPANTS AND RECIPIENTS 2008-2009 TO 2012-2013



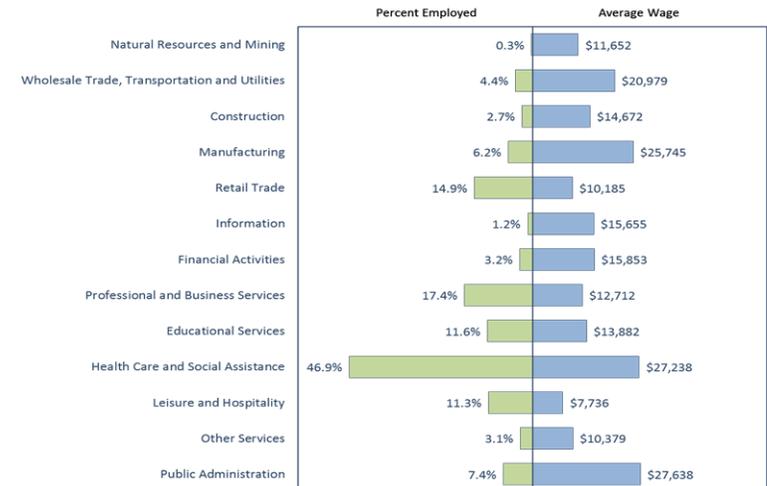
#### 1 YEAR POST EMPLOYMENT IN NORTH CAROLINA



#### AVERAGE 1 YEAR POST WAGE IN NORTH CAROLINA



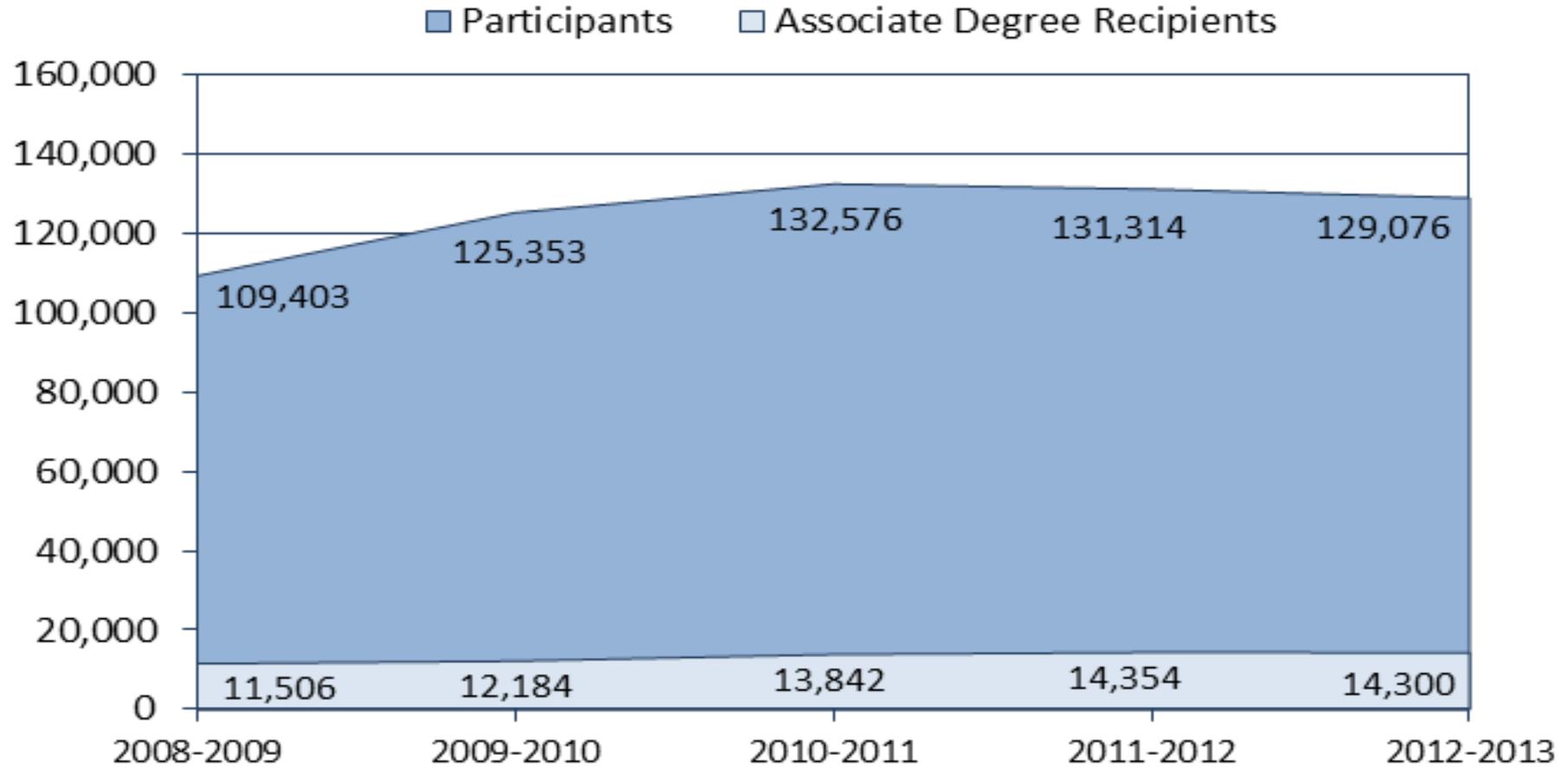
#### 1 YEAR POST EMPLOYMENT AND WAGE BY INDUSTRY, 2008-2009





# NC TOWER ASSOCIATE DEGREE RECIPIENTS 1 YEAR POST COMPLETION

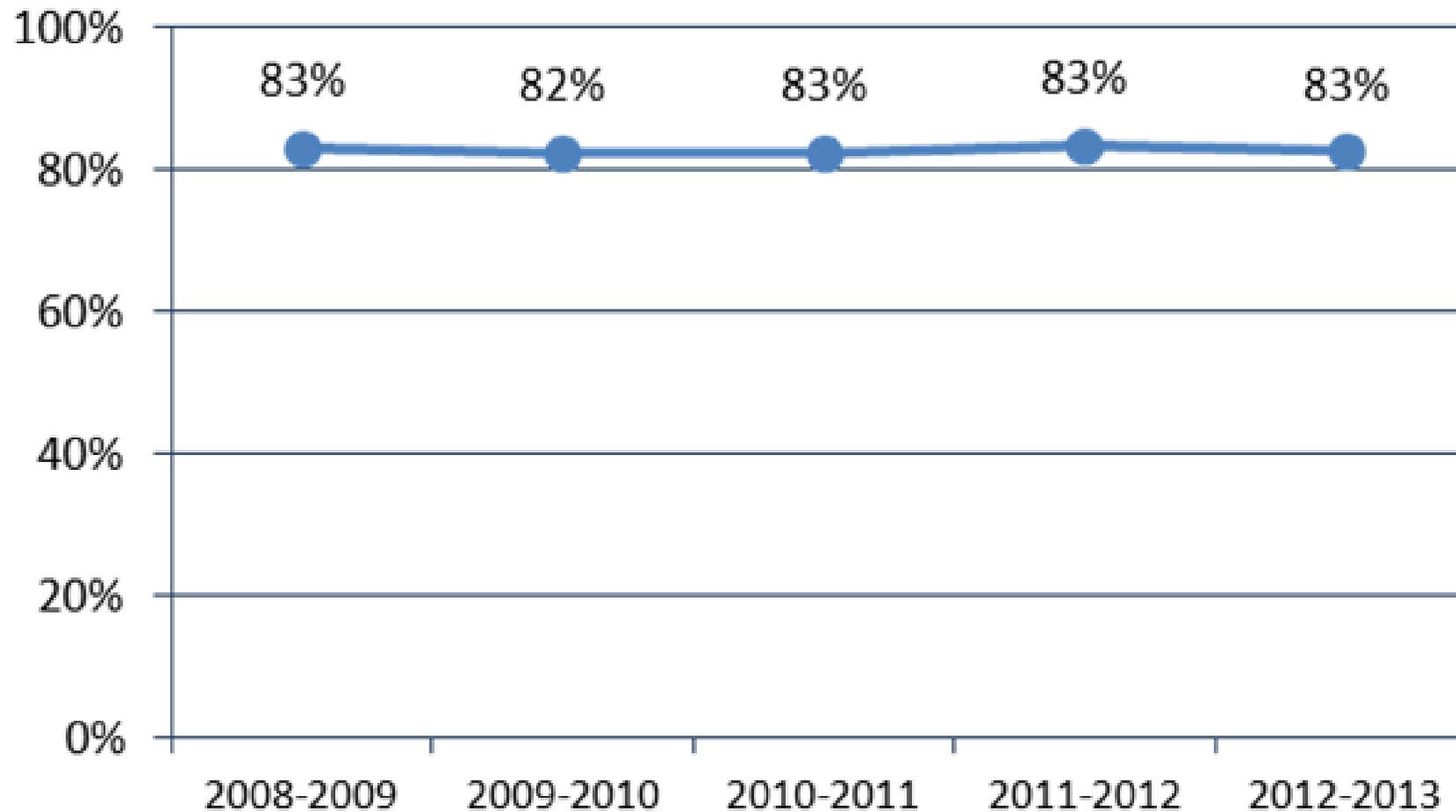
## PARTICIPANTS AND RECIPIENTS 2008-2009 TO 2012-2013





*NC TOWER*  
*ASSOCIATE DEGREE RECIPIENTS*  
*1 YEAR POST COMPLETION*

**1 Year Post Employment in North Carolina**



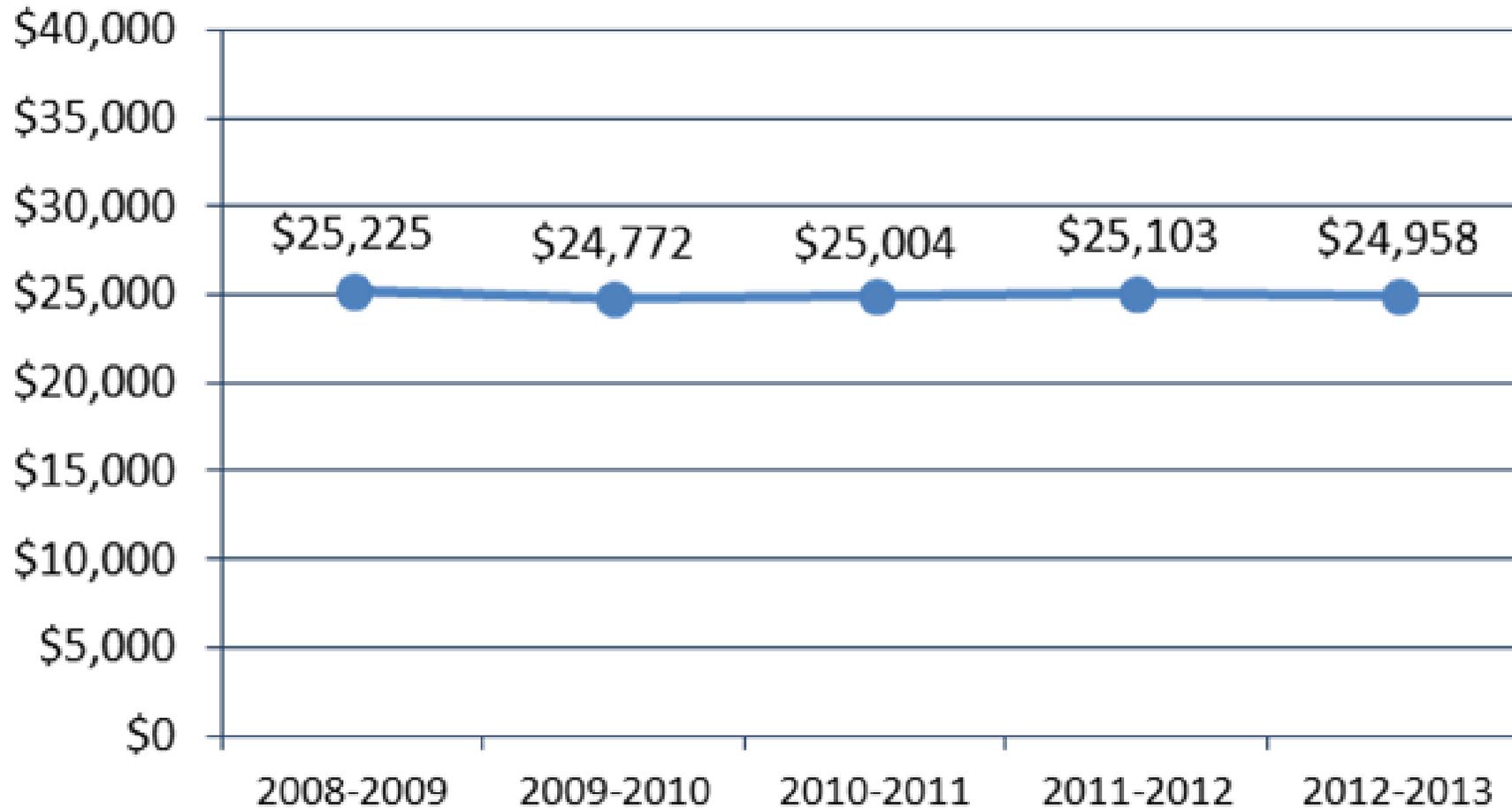


# *NC TOWER*

## *ASSOCIATE DEGREE RECIPIENTS*

### *1 YEAR POST COMPLETION*

### AVERAGE 1 YEAR POST WAGE IN NORTH CAROLINA



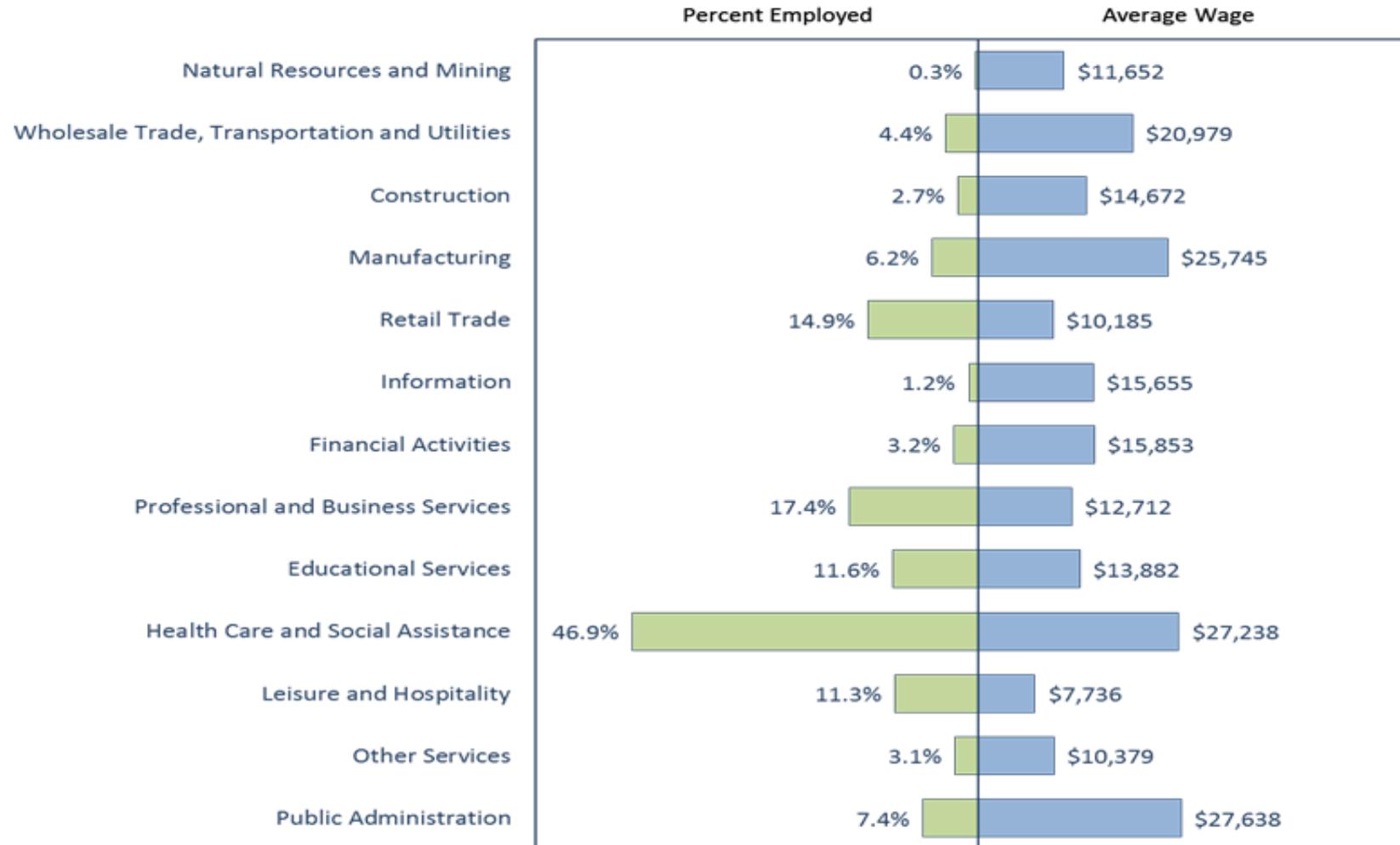


# NC TOWER

## ASSOCIATE DEGREE RECIPIENTS

### 1 YEAR POST COMPLETION

## 1 YEAR POST EMPLOYMENT AND WAGE BY INDUSTRY, 2008-2009

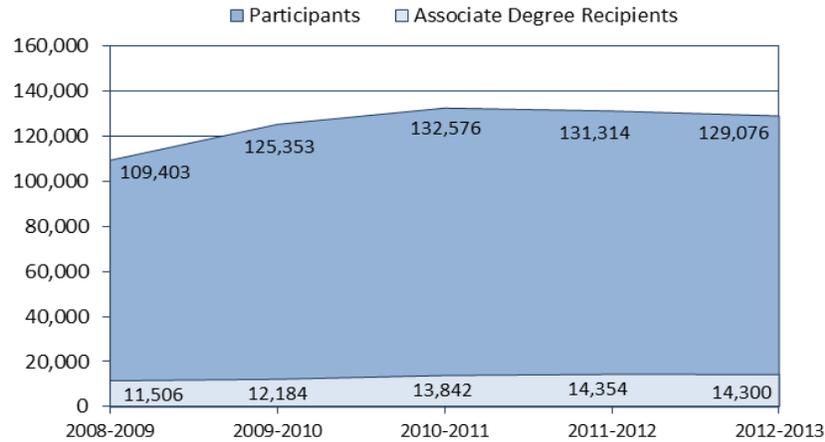


# NC TOWER

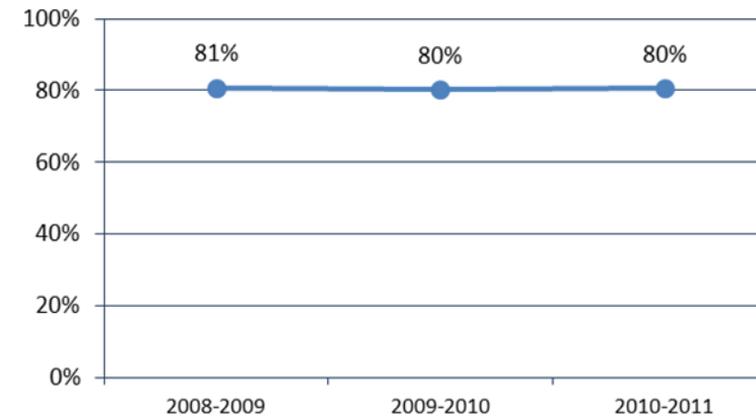
## ASSOCIATE DEGREE RECIPIENTS

### 3 YEARS POST COMPLETION

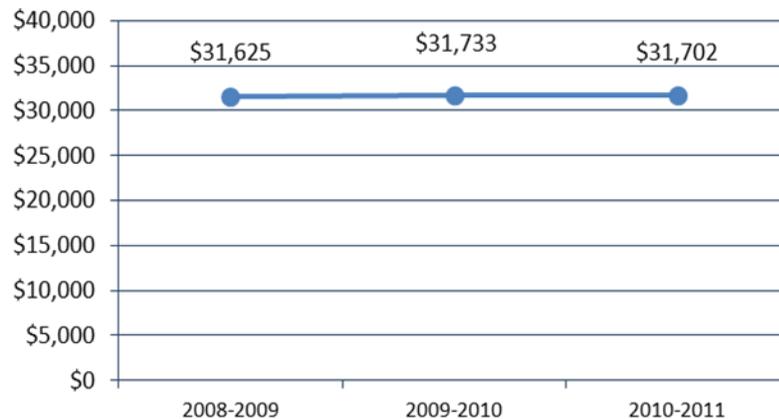
**PARTICIPANTS AND RECIPIENTS 2008-2009 - 2012-2013**



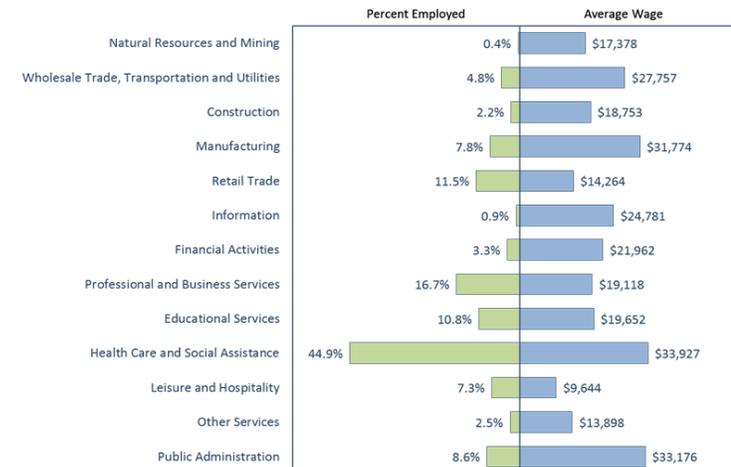
**3 YEARS POST EMPLOYMENT IN NORTH CAROLINA**



**AVERAGE 3 YEAR POST WAGE IN NORTH CAROLINA**



**3 YEARS POST EMPLOYMENT AND WAGE BY INDUSTRY, 2008-2009**





# NC TOWER

## 2011-2012 AND 2012-2013

### ASSOCIATE DEGREE RECIPIENTS BY PROGRAM AREA

2011-2012

Program Area	Participants	Associate Degree Recipients	Employment and Wages in North Carolina							
			1 Year After Completion				2 Years After Completion			
			Number	%	Average Wage	Median Wage	Number	%	Average Wage	Median Wage
Agricultural and Natural Resources Technologies	1,988	290	211	73%	\$16,343	\$14,414	195	67%	\$20,004	\$19,437
Biological and Chemical Technologies	1,160	161	137	85%	\$23,123	\$21,663	135	84%	\$26,223	\$24,800
Business Technologies	50,148	4,293	3,435	80%	\$21,740	\$19,514	3,399	79%	\$25,331	\$23,657
Commercial & Artistic Production Technologies	3,580	337	249	74%	\$14,293	\$12,168	235	70%	\$18,733	\$17,099
Construction Technologies	3,852	393	319	81%	\$28,100	\$27,247	325	83%	\$33,630	\$33,750
Engineering Technologies	6,716	708	574	81%	\$24,681	\$21,597	571	81%	\$29,776	\$28,179
Health Sciences	24,840	4,760	4,309	91%	\$30,948	\$31,763	4,227	89%	\$36,723	\$38,693
Industrial Technologies	3,947	464	385	83%	\$32,913	\$32,709	383	83%	\$38,800	\$38,880
Public Service Technologies	32,623	2,553	2,017	79%	\$19,109	\$17,194	2,018	79%	\$21,440	\$19,317
Transport Systems Technologies	5,069	440	362	82%	\$23,807	\$21,655	351	80%	\$27,164	\$26,482

2012-2013

Program Area	Participants	Associate Degree Recipients	Employment and Wages in North Carolina							
			1 Year After Completion				2 Years After Completion			
			Number	%	Average Wage	Median Wage	Number	%	Average Wage	Median Wage
Agricultural and Natural Resources Technologies	1,958	269	206	77%	\$17,516	\$16,306				
Biological and Chemical Technologies	930	119	92	77%	\$18,650	\$17,899				
Business Technologies	49,410	4,322	3,382	78%	\$21,505	\$19,340				
Commercial & Artistic Production Technologies	3,543	362	259	72%	\$14,232	\$11,579				
Construction Technologies	3,704	360	296	82%	\$29,012	\$26,800				
Engineering Technologies	6,447	670	540	81%	\$26,820	\$23,889				
Health Sciences	24,380	4,649	4,149	89%	\$31,247	\$33,230				
Industrial Technologies	4,238	391	334	85%	\$30,197	\$29,996				
Public Service Technologies	31,575	2,751	2,216	81%	\$19,128	\$16,681				
Transport Systems Technologies	5,248	448	376	84%	\$23,207	\$22,826				





## EMPLOYMENT AND WAGE OUTCOMES

- ASSOCIATE DEGREE RECIPIENTS - ALL

- 1 YEAR POST EMPLOYMENT RATES 82% – 83% AVERAGE WAGE \$24,772 - \$25,225
- 3 YEAR POST EMPLOYMENT RATES 80% – 81% AVERAGE WAGE \$31,625 - \$31,733
- 5 YEAR POST EMPLOYMENT RATE 78% AVERAGE WAGE \$34,903

- DIPLOMA RECIPIENTS - ALL

- 1 YEAR POST EMPLOYMENT RATES 76% – 82% AVERAGE WAGE \$21,155 - \$22,481
- 3 YEAR POST EMPLOYMENT RATES 75% – 79% AVERAGE WAGE \$26,427 - \$28,176
- 5 YEAR POST EMPLOYMENT RATE 74% AVERAGE WAGE \$29,393

- CERTIFICATE RECIPIENTS - ALL

- 1 YEAR POST EMPLOYMENT RATES 62% – 74% AVERAGE WAGE \$18,698 - \$20,087
- 3 YEAR POST EMPLOYMENT RATES 63% – 70% AVERAGE WAGE \$24,171 - \$26,014
- 5 YEAR POST EMPLOYMENT RATE 63% AVERAGE WAGE \$26,950



## EMPLOYMENT AND WAGE OUTCOMES BY PROGRAM AREA

- ASSOCIATE DEGREE RECIPIENTS

- HEALTH SCIENCES

- 1 YEAR POST EMPLOYMENT RATES 89% - 91%
- 1 YEAR POST AVERAGE WAGE \$30,948 - \$32,453
- 3 YEAR POST EMPLOYMENT RATES 86% - 88%
- 3 YEAR POST AVERAGE WAGE \$39,704 - \$40,340

- TRANSPORT SYSTEMS TECHNOLOGIES

- 1 YEAR POST EMPLOYMENT RATES 79% - 84%
- 1 YEAR POST AVERAGE WAGE \$19,970 - \$23,807
- 3 YEAR POST EMPLOYMENT RATES 74% - 79%
- 3 YEAR POST AVERAGE WAGE \$27,278 - \$29,106

- INDUSTRIAL TECHNOLOGIES

- 1 YEAR POST EMPLOYMENT RATES 79% - 85%
- 1 YEAR POST AVERAGE WAGE \$27,993 - \$32,913
- 3 YEAR POST EMPLOYMENT RATES 81% - 83%
- 3 YEAR POST AVERAGE WAGE \$37,052 - \$42,484

## *Some more answers*

### **Comprehensive Career Resources from the Federal Government**

- O\*NET Online: <http://www.onetonline.org/>
- O\*NET Interest Profiler: <https://www.mynextmove.org/explore/ip>
- Occupational Outlook Handbook: <http://www.bls.gov/ooh/>
- Careeronestop: <http://www.careeronestop.org/>
- GetMyFuture: <https://www.careeronestop.org/GetMyFuture/index.aspx>
- My Next Move: <http://www.mynextmove.org/>
- mySkills myFuture: <http://www.myskillsmyfuture.org/>

# *Still More Questions?*



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*Happy Fall to You All!*

