

# Crossing the Bridge: High School Graduation Directly to Work

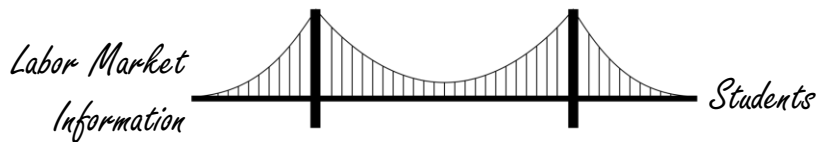
**Lorraine Faulds, GCDF**  
Workforce Intelligence Coordinator  
SC Department of Employment & Workforce

Education & Business Summit  
June 2016



## Goal for this workshop:

Make a BRIDGE between

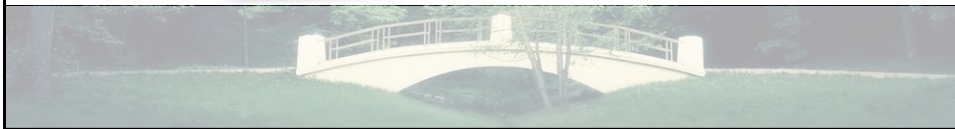


to help them make better education and career choices.



## Today's Agenda

- ❖ Educational data
- ❖ Population, Labor Force, Career Clusters
- ❖ The jobs
- ❖ Future occupations
- ❖ Wages
- ❖ WorkKeys
- ❖ Inspiration
- ❖ Resources and tools
- ❖ A little laughter...
- ❖ Q & A



IF I ONLY

KNEW THEN

WHAT I

KNOW NOW!

### What Students Would Have Done Differently To Be Successful in Today's Labor Market

**32%** Gotten more job-related experience

**28%** Learned more about career options

**23%** Sought more career advice

**22%** Started job search earlier

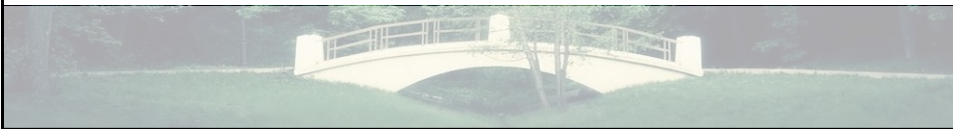
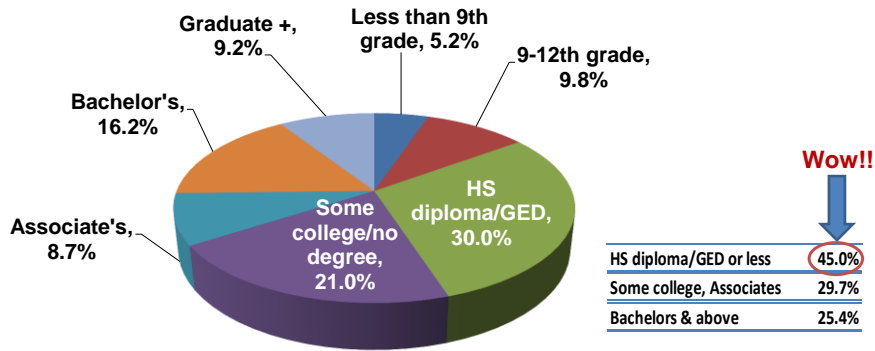
**14%** Used more or different job search techniques

Source: Virginia Tech, Division of Student Affairs.  
[www.career.vt.edu/postgraduationsurveyreport/postgrad.html#report](http://www.career.vt.edu/postgraduationsurveyreport/postgrad.html#report)



## Educational Attainment in SC, 2014

(population 25 and older)



## Educational Attainment, HS or less, Top Counties

Less than 9th grade		9th to 12th grade, no diploma	
Saluda	12.9%	Allendale	20.0%
Bamberg	10.7%	Dillon	17.9%
Dillon	10.4%	Marlboro	17.5%
Marlboro	10.0%	Hampton	16.0%
Williamsburg	10.0%	Lee	15.7%

*Saluda is the only county NOT designated as "rural."*

High school graduate/GED			
Lowest		Highest	
Charleston	21.3%	Marlboro	41.8%
Richland	22.3%	Williamsburg	40.7%
Beaufort	24.3%	Marion	40.5%
Bamberg	24.4%	Saluda	40.5%
Greenville	26.2%	Hampton	40.3%



## Graduation and drop out rates

### Counties with Highest Graduation Rates in 2015

Darlington	92.3
Calhoun	92.0
Fairfield	90.7
York*	89.6
Georgetown	88.9

### Counties with Lowest Graduation Rates in 2015

Union	73.9
Jasper	75.0
McCormick	75.9
Marlboro	77.2
Orangeburg*	78.3

### Counties with Lowest Dropout Rates in 2015

Fairfield	0.1
Calhoun	0.2
Darlington	0.3
Lee	0.5
Chesterfield	0.6

### Counties with Highest Dropout Rates in 2015

Jasper	6.8
Cherokee	4.9
Marlboro	4.2
Edgefield	3.8
Union	3.7

*\*Average of multiple districts within the county*



## Effect of Dropouts

According to *“In This Together: The Hidden Cost of Young Adult Unemployment”* (Jan. 2014):

- Each unemployed 25-34 year old will cost government **\$9,875 per year** in lost tax revenue and benefits paid.
- The average tuition and fees for an in-state public college is **\$8,093 per year**.
- We lose more money on youth unemployment than it would cost to send them to college!



Full report can be found at <http://wtb.wa.gov/Documents/3.YoungInvicibles.pdf>.

**So we need to know a little about our local area to serve our students better.**

**Population Characteristics  
Labor Force  
Career Clusters  
Industries  
Occupations  
Wages**



## **Population**

**Population Characteristics for SC and US, 2014**

	<b>SC</b>	<b>US</b>
<i>Total Population</i>	4,832,482	318,857,056
Under 5 years old	6.0%	6.2%
5-24 years old	26.4%	26.7%
25-64 years old	51.8%	52.6%
65 years old and older	15.8%	14.5%
Median Age (average)	38.8	37.2
White	68.3%	77.4%
African American	27.8%	13.2%
Other	3.9%	9.4%
Hispanic/Latino	5.2%	16.6%
Language other than English spoken at home, age 5+	6.8%	20.7%
Veterans	8.4%	6.8%
Disabled	13.6%	11.9%
Median household income (average)	\$44,779	\$53,046
Persons below poverty level (average)	18.1%	15.4%

Source: US Census Bureau, American Fact Finder



# Labor Force Information



First, a few definitions...

**Employed:** Persons 16 years old or older who worked for pay (at least one hour) any time during the week that included the 12<sup>th</sup> of the month.

**Unemployed:** Persons 16 years old or older who are not working but want a job, and are able and willing to work.

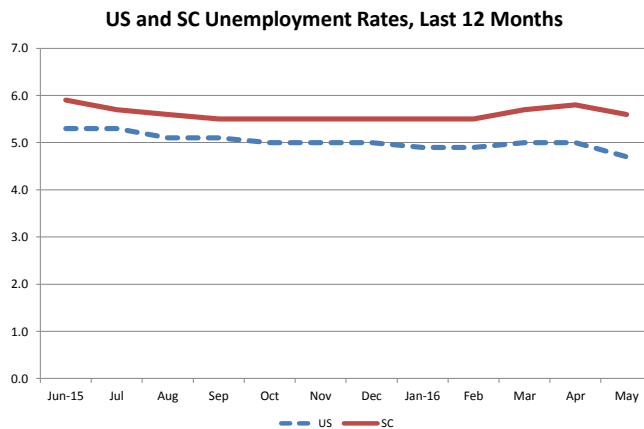
**Labor Force:** Employed plus unemployed.

**Unemployment Rate:** Unemployment divided by labor force.



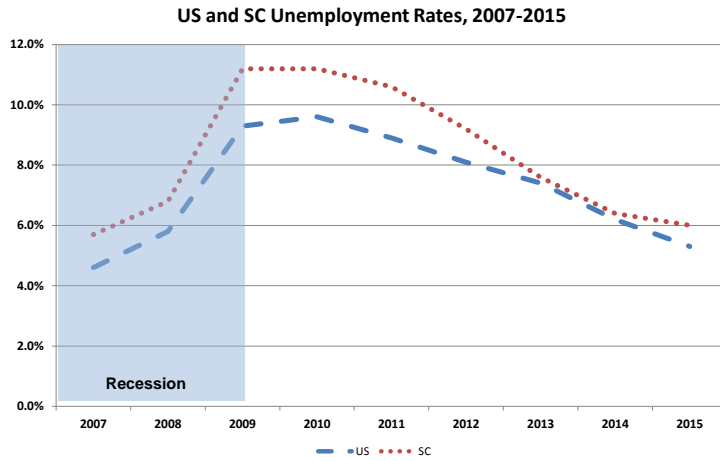
## US and SC Unemployment Rates

(Last 12 Months)



Source: SC DEW, Local Area Unemployment Statistics program

# Unemployment Rates with Recession



Source: SC DEW, Local Area Unemployment Statistics program



## Chosen Career Clusters in SC, 2015-16

Cluster	% of 12th graders	Top Pathway*
Health Science	24.1%	Therapeutic Services
Arts, Audio-Video Technology, and Communications	14.9%	Performing Arts
Science, Technology, Engineering, and Mathematics	12.2%	Engineering
Business Management and Administration	7.5%	General Management
Education and Training	6.8%	Teacher Education
Law, Public Safety, Corrections, and Security	6.3%	Military Science
Human Services	5.1%	Cosmetology
Government and Public Administration	4.6%	Military Science
Transportation, Distribution, and Logistics	3.1%	Automotive Technology
Information Technology	2.9%	Programming and Software Development
Agriculture, Food, and Natural Resources	2.9%	Environmental and Natural Resources Management
Architecture & Construction	2.8%	Building Construction
Manufacturing	2.3%	Welding
Hospitality and Tourism	2.3%	Culinary Arts
Marketing	1.3%	Marketing Communications
Finance	1.0%	Accounting
<b>TOTAL</b>	<b>100.0%</b>	

\*Greenville did not report pathways for students

Note: 247 students did not declare a specific cluster.

Declared clusters for students declaring a specific cluster on their primary e-IGP for 2015-16 year; Source: SC Dept. of Education  
 Note: Students may declare more than one cluster or pathway on an e-IGP; only the first cluster or pathway is used for reporting.



## Top Projected Occupations in Each Career Cluster for SC

Cluster	% change	Top Projected Occupation in SC (2012-22)
Health Science	18.9%	Registered Nurses
Business, Management and Administration	14.8%	Customer Service Representatives
Hospitality and Tourism	11.3%	Combined Food Prep./Serving Workers, Including Fast Food
Transportation, Distribution, and Logistics	8.6%	Laborers and Freight, Stock, and Material Movers, Hand
Marketing and Sales	8.2%	Retail Salespersons
Architecture and Construction	8.1%	Construction Laborers
Manufacturing	6.7%	Team Assemblers
Education and Training	6.1%	Elementary School Teachers, Except Special Education
Human Service	6.1%	Personal Care Aides
Information Technology	2.9%	Computer Systems Analysts
Finance	2.4%	Bookkeeping, Accounting, and Auditing Clerks
Law, Public Safety, Corrections and Security	2.3%	Security Guards
STEM	1.9%	Civil Engineers
Arts, Audio/Video Technology and Communications	0.9%	Public Relations Specialists
Agriculture, Food and Natural Resources	0.5%	Supervisors of Landscaping/Lawn Service/Groundskeepers
Government and Public Administration	0.1%	Court, Municipal, and License Clerks

*\*Upstate Local Workforce Area includes Cherokee, Spartanburg, and Union counties.*

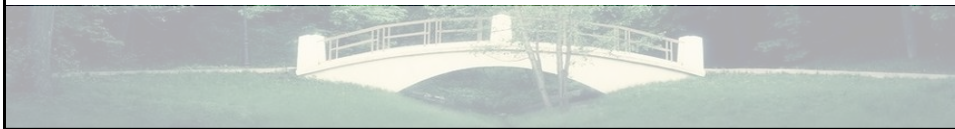
# Let's look at the

# JOB



## Industry Employment in SC, 2015

Industry	% of employment	Top Subsector
Health Care and Social Assistance	13.1%	Offices of Physicians (except Mental Health)
Retail Trade	12.5%	Discount Department Stores
Manufacturing	12.1%	Tire Manufacturing (except Retreading)
Accommodation and Food Services	10.8%	Full-Service Restaurants
Educational Services	8.6%	Elementary and Secondary Schools
Administrative/Support/Waste Management/Remediation	8.1%	Temporary Help Services
Public Administration	5.8%	Executive and Legislative Offices
Professional, Scientific, and Technical Services	4.6%	Engineering Services
Construction	4.5%	Nonres. electrical contractors
Wholesale Trade	3.6%	Wholesale Trade Agents and Brokers
Finance and Insurance	3.4%	Commercial Banking
Transportation and Warehousing	3.4%	General Warehousing and Storage
Other Services	2.6%	Commercial and Industrial Machinery and Equipment
Arts, Entertainment, and Recreation	1.6%	Golf Courses and Country Clubs
Information	1.5%	Wired Telecommunications Carriers
Real Estate and Rental and Leasing	1.5%	Residential Property Managers
Utilities	0.9%	Nuclear Electric Power Generation
Management of Companies and Enterprises	0.9%	Corporate, Subsidiary, and Regional Managing
Agriculture, Forestry, Fishing and Hunting	0.6%	Logging
Mining, Quarrying, and Oil and Gas Extraction	0.1%	Crushed and Broken Granite Mining and Quarrying



[First-Line Supervisors of Retail Sales Workers](#)  
[Retail Salespersons](#)  
[First-Line Supervisors of Food Prep./Serving Workers](#)  
[Customer Service Representatives](#)  
[Stock Clerks and Order Fillers](#)  
[Cashiers](#)  
[Combined Food Prep./Serving Workers, Including Fast Food](#)  
[Insurance Sales Agents](#)  
[Maintenance and Repair Workers, General](#)  
[First-Line Supervisors of Office/Admin. Support Workers](#)  
[Light Truck or Delivery Services Drivers](#)  
[Automotive Service Technicians and Mechanics](#)  
[Laborers and Freight, Stock, and Material Movers, Hand](#)  
[Sales Reps., Wholesale/Mfg., Except Technical and Scientific](#)  
[Maids and Housekeeping Cleaners](#)  
[First-Line Supervisors of Mechanics, Installers, and Repairers](#)  
[Merchandise Displayers and Window Trimmers](#)  
[Food Preparation Workers](#)  
[First-Line Supervisors of Transport./Material-Moving Operators](#)  
[Waiters and Waitresses](#)

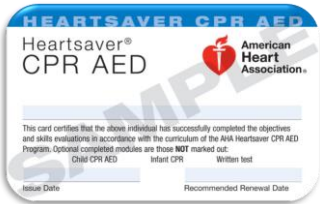
## Current Online Job Advertisements

(high school or less)

### Top 20 in South Carolina

(March-May 2016)





## Certificates in Online Job Ads

**Top 10 in South Carolina (high school or less)  
(March-May 2016)**

- Driver's License
- Commercial Driver's License
- Food safety programs
- Occupational Safety & Health Administration Certification
- HAZMAT
- Certification in Cardiopulmonary Resuscitation
- Certified in Nursing Administration
- Automotive Service Excellence
- Certified Registered Nurse
- Health Insurance Portability and Accountability Act - HIPPA

4 are healthcare related  
3 are safety related



## Jobs in the Future

**Top 20 jobs (requiring a HS diploma/GED or below) with the most openings in South Carolina (2012-2022)**



- Retail Salespersons
- Combined Food Prep./Serving Workers, Including Fast Food
- Laborers and Freight, Stock, and Material Movers, Hand
- Customer Service Representatives
- Home Health Aides
- Team Assemblers
- Personal Care Aides
- Heavy and Tractor-Trailer Truck Drivers
- Secretaries/Admin. Assistants, Except Legal/Medical/Executive
- Janitors and Cleaners, Except Maids and Housekeeping Cleaners
- Construction Laborers
- Bookkeeping, Accounting, and Auditing Clerks
- Office Clerks, General
- First-Line Supervisors of Office/Admin. Support Workers
- Carpenters
- Maids and Housekeeping Cleaners
- Landscaping and Groundskeeping Workers
- Cooks, Restaurant
- Medical Assistants
- Maintenance and Repair Workers, General



## Top 50 Jobs That Don't Require a College Degree with the Most Openings in South Carolina

Top 50 Projected Occupations in South Carolina That Do Not Require a College Degree, 2012-2022

Occupation	2012 Est.		Total 2012-2022 Employment Change	2014 Avg. Hourly Wage in SC (\$)	Career Cluster
	Employment	2022 Projected			
<b>ALL OCCUPATIONS</b>	<b>1,983,585</b>	<b>2,212,392</b>	<b>228,807</b>	<b>18.75</b>	
Retail Salespersons	68,462	75,148	6,686	11.50	Marketing
Combined Food Preparation and Serving Workers, Including Fast Food	43,643	50,183	6,540	8.47	Hospitality & Tourism
Laborers and Freight, Stock, and Material Movers, Hand	37,503	43,338	5,835	12.08	Transportation, Distribution & Logistics
Customer Service Representatives	38,724	44,165	5,441	14.31	Business Management & Administration
Home Health Aides	10,731	15,722	4,991	9.40	Health Science
Team Assemblers	40,282	45,142	4,860	15.06	Manufacturing
Personal Care Aides	11,489	16,298	4,809	9.47	Human Services
Heavy and Tractor-Trailer Truck Drivers	22,962	27,277	4,315	18.71	Transportation, Distribution & Logistics
Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	32,001	36,086	4,085	14.86	Business Management & Administration
Janitors and Cleaners, Except Maids and Housekeeping Cleaners	29,796	33,771	3,975	10.24	Business Management & Administration



## Declining Occupations in SC (high school or less, 2012-2022)

Textile Knitting & Weaving Machine Setters/Opers./and Tenders
Data Entry Keyers
Postal Service Mail Carriers
Textile Winding/Twisting/and Drawing Out Machine Setters/Opers./and Tenders
Sewing Machine Opers.
Extruding & Drawing Machine Setters/Opers./and Tenders/Metal & Plastic
Paper Goods Machine Setters/Opers./and Tenders
Switchboard Opers./Including Answering Service
Chemical Plant & System Opers.
Postal Service Mail Sorters/Processors/and Processing Machine Opers.
Extruding & Forming Machine Setters/Opers./and Tenders/Synthetic & Glass Fibers
Textile Bleaching & Dyeing Machine Opers. & Tenders
Cutting/Punching/and Press Machine Setters/Opers./and Tenders/Metal & Plastic
Postal Service Clerks
Fallers
Information & Record Clerks/All Other
Grinding/Lapping/Polishing/Buffering Tool Setters/Opers./and Tenders/Metal & Plastic
Lathe & Turning Machine Tool Setters/Opers./and Tenders/Metal & Plastic
Meter Readers
Mail Clerks & Mail Machine Opers./Except Postal Service



12 are in manufacturing;  
4 are postal-related



## Educational Requirements for Growing Jobs in SC

Education Level of Projected Growing Jobs in SC, 2012-22

Ed. Level	# Growth	% Growth
HS/GED	94,697	40.1%
Less than HS/GED	61,337	26.0%
Bachelor's	33,427	14.2%
Associate's	19,818	8.4%
Postsecondary degree	13,958	5.9%
Doctorate	6,846	2.9%
Masters	4,808	2.0%
Some college, no degree	1,244	0.5%
	236,135	100.0%

66.1% of all growing occupations in SC do NOT require formal classroom education beyond high school!



## Jobs that require less than HS/GED

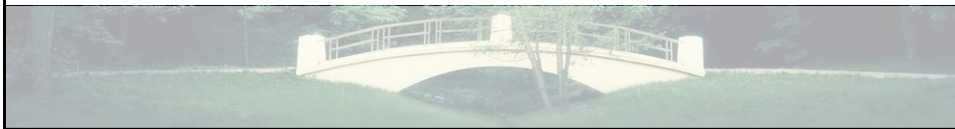
*(in South Carolina with 2015 wages)*

- Combined Food Prep./Serving Workers \$8.47
- Retail Salespersons \$11.50
- Freight/Material Movers \$12.08
- Construction Laborers \$13.77
- Security Guards \$12.81



## Jobs that require HS/GED

- Bookkeeping/Accounting Clerks \$16.18
- Pharmacy Technicians \$13.54
- Medical Assistants \$14.20
- Auto Service Technicians \$17.18
- Carpenters \$17.97
- Maintenance/Repair Workers \$17.12



## What about the military?

Pay for an entry level soldier with no college (includes pay plus housing and health services)

**\$26,094**

(After 5 years = \$45,882)



Entry level soldier with a 4-yr. college degree: **\$54,471**

(After 5 years = \$71,272)

from [www.todayismilitary.com](http://www.todayismilitary.com) (June 2016)

### Pros

- Everything is provided
- Promotions
- Great way to get skills
- Must stay in top physical shape

### Cons

- Possible danger
- Long commitment
- Must follow commands
- Must stay in top physical shape





## Future Jobs?

**Just look at the top news stories!**

- **IT and Manufacturing: Police cameras, self-driving cars, biofuel**
- **Geology and Construction: Earthquakes in Oklahoma (caused by fracking), global warming, droughts**
- **IT and Healthcare: Fitbit, virtual medical visits**



## Future (closer to home)

### **Transportation, Distribution & Logistics**

Widening of Panama Canal, deepening of Charleston Port, inland port in Greer, shortage of 74K truck drivers in US by end of 2016

### **Auto Manufacturing**

Volvo, Daimler-Mercedes Benz, BMW

### **Tire Manufacturing**

Giti, Bridgestone, Michelin, Firestone

### **Aerospace Manufacturing**

Boeing

### **Mining**

Haile Gold Mine

### **Also...**

Amazon, V. C. Summer Nuclear Station, IT security, Healthcare



# About the money...



# Reality Check!

1. [Go to www.scois.net](http://www.scois.net).
2. Log in.
3. Go to “Assessments.”
4. Click on “Reality Check.”
5. You are here →



## An example from Reality Check...

1. Select the area of the state you want to live.
2. Select how much you think you will spend →
3. Select how much education you want and in what career category you are interested.
4. You will get a list of occupations for the area you selected using the expenses, education, and cluster you picked.

Monthly Expenses	Florence, SC
Total Salary	\$22,804
Housing	\$535
Utilities	\$135
Communications	\$205
Food	\$495
Transportation	\$575
Clothes	\$75
Health Care	\$90
Entertainment	\$100
Personal Care	\$75
Miscellaneous	\$100
Student Loans	\$55
Savings	\$0
<b>Monthly Expenses</b>	<b>\$2,440</b>
Annual Expenses	\$29,280
Federal Taxes	\$4,537
State Taxes	\$1,838
<b>Total Salary Needed</b>	<b>\$35,655</b> or \$17.15/hour



## The results...

### Occupations Requiring 4 Months to 1 Year of Education Beyond HS, Florence Area

Transportation Inspectors	\$93,660
Insurance Adjusters and Examiners	\$58,990
Manufacturing Production Technicians	\$53,130
Executive Secretaries	\$45,910
Computer User Support Specialists	\$44,800
Brokerage Clerks	\$43,120
Agricultural Worker Supervisors	\$43,030
Licensed Practical Nurses	\$41,180
Quality Control Inspectors	\$40,430
Numerical Control Tool Programmers	\$40,320
Payroll and Timekeeping Clerks	\$40,090
Vehicle Painters	\$39,090
Insurance Agents	\$38,100
Construction and Well Drillers	\$37,210
Massage Therapists	\$37,170
Metal and Plastic Processing Workers	\$36,903
Auto Body Repairers	\$36,850
Building Maintenance Workers	\$36,170





# WorkKeys®



- WorkKeys is a job skills assessment.
- It helps employers select, hire, and train the most qualified candidates.
- Test questions are based on everyday work situations.
- WorkKeys can measure 10 workplace skills, but the ones 11<sup>th</sup> graders take are:

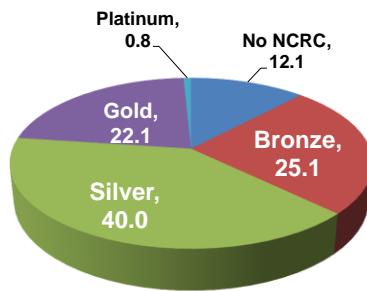
- *Applied Mathematics*
- *Locating for Information*
- *Reading for Information*

**Employers use WorkKeys scores to help with hiring!**  
**(3,340 employers in SC)**

Michelin, Boeing, Sloan Construction, Sizemore Security, Amazon, Firestone, Haile Gold Mine



## WorkKeys Scores in SC, 2015



Score	% of jobs qualified for	
Bronze	3	17
Silver	4	69
Gold	5	93
Platinum	6	99

NCRC=National Career Readiness Certificate



# Soft Skills Requested by Employers

Top 10 in South Carolina (high school or less)

(March-May 2016)

Oral and written communication skills

Integrity

Team-oriented, teamwork

Customer service oriented

Marketing

Detail oriented

Cash registers

Self-starting / Self-motivated

Basic computer skills

Organizational skills



## Success without a college degree



**Sir Richard Branson**

- Owns Virgin Records, Virgin Mobile, Virgin Airlines
- Worth about \$5 billion
- Struggled with dyslexia
- Dropped out of school when he was 16



**Chris Rock**

- One of the highest paid comedians
- Hosted the Oscars multiple times
- Suffered severe bullying at school
- Dropped out and worked in fast-food
- Got his GED years later
- Born in Andrews, SC (Georgetown County)



**Quinton Tarantino**

- Oscar winner for "Django Unchained" and "Pulp Fiction"
- Wrote scripts for "True Romance," "Natural Born Killers," and "Reservoir Dogs"
- Dropped out of high school at 15



**Drake**

- International fame as a rapper
- Dropped out of Toronto's Forest Hill Collegiate Institute at 15 yrs. old
- Played Jimmy Brooks on 'Degraassi: The Next Generation.'
- Earned his HS diploma at age 25 and said "*One of the greatest feelings in my entire life. As of tonight, I have graduated high school!*"



**Berry Gordy Jr.**

- Created Motown Records
- Managed The Jackson 5, The Supremes, Smokey Robinson, Lionel Richie, Stevie Wonder
- Sold Motown Records in 1988 for \$61 million
- Sold Jobete Music Corp. for more than \$300 million
- Dropped out of high school in 11th grade to be a professional boxer





## Where can we find more information?

[www.onetonline.org](http://www.onetonline.org)

O\*Net

[www.scWorkforceInfo.com](http://www.scWorkforceInfo.com)

SC Department of Employment and Workforce,  
Business Intelligence Department (BID)



## www.onetonline.org

o-net O\*NET OnLine

Occupation Quick Search:

Help Find Occupations Advanced Search Crosswalks Share O\*NET Sites

### Build your future with O\*NET OnLine.

Welcome to your tool for career exploration and job analysis!

O\*NET OnLine has detailed descriptions of the world of work for use by job seekers, workforce development and HR professionals, students, researchers, and more!

[What is O\\*NET?](#)

**What's New?**  
Search "Bright Outlook" occupations in OnLine.  
[Learn More](#)  
Get O\*NET news by [email](#) or [RSS](#).

**I want to be a...**  
Start the career you've dreamed about, or find one you never imagined.  
[Find It Now](#)  
at My Next Move

**ATTN: VETERANS**  
Put your military skills and experience to work in civilian life. Learn how at:  
[MY NEXT MOVE](#)  
[Get Started](#)

**Occupation Search** Keyword or O\*NET-SOC Code:

**Find Occupations** Browse groups of similar occupations to explore

**Advanced Search** Focus on occupations that use a specific tool or software.

**Crosswalks** Connect to a wealth of O\*NET data. Enter a code or title from



**O\*NET OnLine**

Help Find Occupations Advanced Search Crosswalks

### Find Occupations

Keyword or O\*NET-SOC Code: bookkeeping clerk

Relevance Score Table:

Relevance Score	Code	Occupation
100	43-3031.00	Bookkeeping, Accounting, and Auditing Clerks
87	43-3021.00	Billing and Posting Clerks
87	43-3021.01	Statement Clerks
45	43-9061.00	Office Clerks, General
33	43-1011.00	First-Line Supervisors of Office and Administrative Support Workers
33	43-3021.02	Billing, Cost, and Rate Clerks
21	25-1011.00	Business Teachers, Postsecondary
21	25-1194.00	Vocational Education Teachers, Postsecondary

### Summary Report for: 43-3031.00 - Bookkeeping, Accounting, and Auditing Clerks

Industry: Compute, classify, and record numerical data to keep financial records complete. Perform any combination of routine calculating, posting, and verifying duties to obtain primary financial data for use in maintaining accounting records. May also check the accuracy of figures, calculations, and postings pertaining to business transactions recorded by other workers.

Sample of reported job titles: Accounting Clerk, Accounting Assistant, Accounts Payables Clerk, Bookkeeper, Account Clerk, Accounts Payable Clerk, Accounts Receivable Clerk, Account Receivable Clerk, Accounts Payable Specialist, Accounting Associate

View report: Summary Details Custom

Tags: Tools & Technology | Knowledge | Skills | Abilities | Work Activities | Work Context | Job Zone | Education | Interests | Work Styles | Work Values | Related Occupations | Wages & Employment | Additional Information

## Community Profiles

Home Register/Sign in Services for Individuals Services for Employers Labor Market Analysis

SC WORKS ONLINE SERVICES

My Workspaces: My LMI Dashboard, Directory of Services

Quick Menu: Labor Market Facts, Job Search, Labor Market Analysis

Current Data Analysis: Area Profile, Occupation Profile, Industry Profile, Comparisons, Education and Training Data, Employers, Area Specific Data, Industry Specific Data, Occupation Specific Data

### Monthly Reports

Community Profile Report with economic, demographic, industry, occupation and education statistics for counties, metropolitan and workforce areas

Insights - monthly report on SC Department of Employment and Workforce with employment and unemployment analysis and review of unemployment insurance claims data for the state, counties and workforce areas. (Insights Archive Page 12 Months)

### SC Nonfarm Employment

Seasonally Adjusted (Thousands)

Line graph showing employment trends from April to April over a 12-month period.

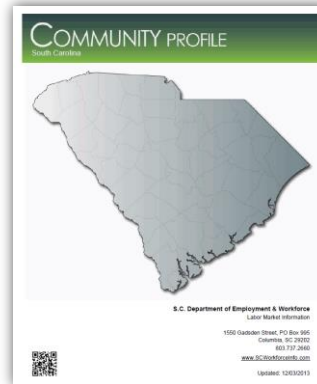
## Community Profiles (con't.)

**A profile of your area is only three clicks away!**

1. Click on "Community Profile Report."
2. Select your geographic area.
3. Click on "View Report."

Comprehensive 20+page report contains:

- ▶ Economic Data
- ▶ Demographic Data
- ▶ Industry Data
- ▶ Occupational Projections Data
- ▶ Educational Data



## Hands-on Tools



Download or print from  
[www.sccareers.com](http://www.sccareers.com)  
 (Under *Publications*,  
 click on *For Additional  
 Publications*)



Will be updated in  
July 2016



Will be updated in July 2016



# Tools for Career Counseling

### What are your chances of playing pro?

High School to College	High School Participants	NCAA Participants	Overall % HS to NCAA
<b>MEN</b>			
Baseball	486,567	34,198	7.0%
Basketball	541,479	18,697	3.5%
Football	1,083,617	72,788	6.7%
Soccer	432,569	24,477	5.7%
Track & Field	576,632	28,177	4.9%
<b>WOMEN</b>			
Basketball	429,504	16,589	3.9%
Soccer	375,681	26,995	7.2%
Softball	364,103	19,628	5.4%
Track & Field	478,726	28,797	6.0%
Volleyball	432,176	17,026	3.9%

College to Pro	NCAA Participants	# Drafted	% NCAA to Pro*	NCAA to Pro*
Football	72,788	16,175	256	1.6
Men's Basketball	18,697	4,155	60	46
Women's Basketball	16,589	3,686	36	33
Baseball	34,198	7,600	1,215	738
Men's Soccer	24,477	5,439	75	75

\*HS, HS to NCAA, NCAA to Pro and NCAA to Pro\*

Source: National Federation of State High School Associations and NCAA Sports Sponsorship and Participation Rates Report

Sport	Avg Length of Pro Career	So have a Plan B! Agent for Athletes
Football NFL	3.5 years	Athletic Trainer
Basketball NBA	4.8 years	Coach or Scout
Basketball MLB	5.6 years	Sports commentator (radio, tv, internet)
Soccer MLS	2.5 years	

Powered by SC Dept. of Employment & Workforce, Business Intelligence, www.scjobsouthcarolina.com

### Jobs for what you like to do!

#### If you like working with people:

Job	Starting Pay (per hour)	Training
Bar/Waitress	\$7.50	Less than 1 month on the job training
Counter Attendants	\$7.50	Less than 1 month on the job training
Home Health Aides	\$7.50	Less than 1 month on the job training
Hosts and Hostesses at a Restaurant	\$7.75	No on-the-job training needed
Preparer/Lines Aides	\$7.75	Less than 1 month on the job training
Shoppers and Cashiers	\$7.50	Less than 1 month on the job training

#### If you like working with food or in a restaurant:

Job	Starting Pay (per hour)	Training
Server	\$7.50	More than 1 month on the job training
Cooking Assistant	\$7.50	1-3 months on the job training
Scholarship	\$7.50	Less than 1 month on the job training
Fast Food Workers	\$7.50	Less than 1 month on the job training
Food Preparation Workers	\$7.50	Less than 1 month on the job training

#### If you like hard work that uses your body:

Job	Starting Pay (per hour)	Training
Construction Laborers	\$11.1	Less than 1 month on the job training
Helpers - Carpenters	\$7.00	Less than 1 month on the job training
Helpers	\$7.00	Less than 1 month on the job training
Laborers and Material Movers	\$8.50	Less than 1 month on the job training
Landscaping Workers	\$8.00	Less than 1 month on the job training
Laundry and Dry-Cleaning Workers	\$7.00	Less than 1 month on the job training
House	\$7.00	Less than 1 month on the job training
Painters (Construction and Maintenance)	\$10.24	4-6 months on the job training

#### If you like to make things:

Job	Starting Pay (per hour)	Training
Cleaning and Washing Machine Operators	\$9.00	1-3 months on the job training
Conveyor Operators	\$8.00	Less than 1 month on the job training
Machine Production Workers	\$8.00	Less than 1 month on the job training
Machine Tenders and Operators	\$8.00	Less than 1 month on the job training
Painters and Coaters	\$8.00	Less than 1 month on the job training
Shoeing Machine Operators	\$7.00	Less than 1 month on the job training
Stock Control and Order Fillers	\$7.00	Less than 1 month on the job training

Powered by the South Carolina Dept. of Employment and Workforce, jobs that do not require a high school diploma or GED, 2012-13 report

# Hands-on Tools for Jobseekers

### HOW MUCH SHOULD I BE PAID?

Are you...?

- Accountants
- Electricians
- Elementary School Teachers
- Industrial Mfg. Mechanics
- Insurance Agents
- Elementary School Management
- Medical Man
- Middle School Management
- Network and Administrator
- Pharmacists
- Registered Nurses
- Supervisors or Workers - Sci

Need more info? Go to [www.scjobsouthcarolina.com](#)

### HOW TO PICK A GOOD CAREER

BEWARE! Declining Jobs in SC

### HOT JOBS!!!

What are the best jobs to have in South Carolina?!

What skills do you need to succeed in these jobs?

Be the person people go to for finding answers. Use what you know to help others.

Need more info? Go to [www.scjobsouthcarolina.com](#)

### Do I need training?

The jobs with the most online advertisements in SC

- Registered Nurses
- Tractor-Trailer Truck Drivers
- Supervisors of Retail Workers
- Retail Salespersons
- Supervisors of Food Preparation and Serving Workers
- Customer Service Representatives
- General Maintenance and Repair Workers
- Insurance Sales Agents
- Industrial Engineers
- Sales Representatives in Wholesale and Manufacturing
- Physical Therapists
- Supervisors of Office and Administrative Workers

Need more information? Go to [www.scjobsouthcarolina.com](#)

### What does a \_\_\_\_ do?

Want to find out about a different job? Want to know what they do every day and if it's the right job for you?

ONNET (Occupational Network) will give you all you need to know about what a person does on the job. Here's how to find out:

- Go to [www.onnet.org](#)
- Find the "Browse" box and put in the job you are interested in.
- Look at the sections for "Tasks" and "Work Activities."

Here's an example for a **Janitor**:

**Tasks**

- Maintain building, grounds and safety
- Remove debris or empty receptacles
- Wash and mop floors
- Clean building floors by sweeping, mopping, waxing, or buffing
- Use chemical cleaners and grease repellents

**Work Activities**

- Inspecting Equipment, Resources, or Material
- Performing General Physical Activities
- Reading and Writing

Need more information? Go to [www.scjobsouthcarolina.com](#)

### Want to work this summer?

The summer is busy for many companies and lots of them are hiring temporary workers!

Which companies are hiring? Think of what happens in the summer - are weather or sports jobs on your mind, and how do you get paid?

A summer job can help you gain experience in a new area, learn money and get job experience.

Need more info? Go to [www.scjobsouthcarolina.com](#)

# More Tools...

**Jobs for what you like to do!**

**Starting Your First Entry-Level Job? Here Are 10 Things You Need to Know**

**Sample Resume - High School - No Work Experience**

**Chilton's Restaurant & Fine Catering Inc.**

Provided by the South Carolina Department of Employment and Workforce. Also find the career tools at [www.scedefw.com](http://www.scedefw.com)

Provided by the SC Department of Employment and Workforce. Also find the career tools at [www.scedefw.com](http://www.scedefw.com)



# So, today we learned...

- Almost half of SC's population has a HS diploma or GED
- We have a lower share of Hispanics but a higher share of veterans.
- Textile manufacturing and postal-related jobs are decreasing.
- Future jobs look good in manufacturing and transportation.
- Reality Check can help expose students to the REAL cost of living!
- The importance of WorkKeys and soft skills.
- Where to find more information and hands-on tools.
- Inspiration for students.

**HIGH SCHOOL GUIDANCE COUNSELOR - 1978**



**COMPUTERS? THERE'S NO FUTURE IN THAT.**





**I love asking kids  
what they want to  
be when they  
grow up because  
I'm still looking  
for ideas.**

WisdomChief.com.com more awesome pictures at [THEMETAPICTURE.COM](http://THEMETAPICTURE.COM)



© Randy Glasbergen  
[glasbergen.com](http://glasbergen.com)



**"I pruned a tree once, so technically I'm allowed  
to put 'branch manager' on my resumé."**



I am available for presentations to:

- Teachers
- Parents
- Administrators
- PTA or PTO groups
- Counselors



**Lorraine Faulds, GCDF**  
**lfaulds@dew.sc.gov**

Business Intelligence Department  
(803) 737-2714 or 737-2660



[www.scWorkforceInfo.com](http://www.scWorkforceInfo.com)



## Top 50 Projected Occupations in South Carolina That Do Not Require a College Degree, 2012-2022

Occupation	2012 Est. Employment	2022 Projected	Total 2012-2022 Employment Change	2015 Avg. Hourly Wage in SC (\$)	Career Cluster
<b>ALL OCCUPATIONS</b>	<b>1,983,585</b>	<b>2,212,392</b>	<b>228,807</b>	<b>19.51</b>	
Retail Salespersons	68,462	75,148	6,686	11.61	Marketing
Combined Food Preparation and Serving Workers, Including Fast Food	43,643	50,183	6,540	8.56	Hospitality & Tourism
Laborers and Freight, Stock, and Material Movers, Hand	37,503	43,338	5,835	12.68	Transportation, Distribution & Logistics
Customer Service Representatives	38,724	44,165	5,441	14.88	Business Management & Administration
Home Health Aides	10,731	15,722	4,991	9.75	Health Science
Team Assemblers	40,282	45,142	4,860	15.23	Manufacturing
Personal Care Aides	11,489	16,298	4,809	9.22	Human Services
Heavy and Tractor-Trailer Truck Drivers	22,962	27,277	4,315	19.51	Transportation, Distribution & Logistics
Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	32,001	36,086	4,085	15.11	Business Management & Administration
Janitors and Cleaners, Except Maids and Housekeeping Cleaners	29,796	33,771	3,975	10.29	Business Management & Administration
Construction Laborers	15,613	19,513	3,900	14.42	Architecture & Construction
Bookkeeping, Accounting, and Auditing Clerks	23,592	26,692	3,100	16.50	Business Management & Administration
Office Clerks, General	37,107	40,189	3,082	13.21	Business Management & Administration
First-Line Supervisors of Office and Administrative Support Workers	22,907	25,899	2,992	23.58	Business Management & Administration
Carpenters	11,697	14,653	2,956	18.46	Architecture & Construction
Maids and Housekeeping Cleaners	20,281	23,015	2,734	9.27	Hospitality & Tourism
Landscaping and Groundskeeping Workers	21,437	24,162	2,725	11.17	Architecture & Construction
Cooks, Restaurant	16,072	18,541	2,469	10.19	Hospitality & Tourism
Medical Assistants	8,141	10,394	2,253	14.10	Health Science
Maintenance and Repair Workers, General	23,634	25,819	2,185	17.37	Manufacturing
Waiters and Waitresses	36,597	38,736	2,139	9.49	Hospitality & Tourism
Cashiers	60,187	62,237	2,050	8.94	Marketing
Supervisors of Construction and Extraction Workers	7,627	9,554	1,927	27.07	Architecture & Construction
First-Line Supervisors of Food Preparation and Serving Workers	14,290	16,194	1,904	14.86	Hospitality & Tourism
Security Guards	14,354	16,104	1,750	13.32	Law
Sales Reps., Wholesale and Manufacturing, Except Technical and Scientific Product:	18,226	19,939	1,713	30.42	Marketing
Billing and Posting Clerks	7,259	8,753	1,494	15.47	Business Management & Administration
Light Truck or Delivery Services Drivers	12,901	14,304	1,403	15.14	Transportation, Distribution & Logistics
Bill and Account Collectors	7,056	8,361	1,305	16.18	Business Management & Administration
Pharmacy Technicians	6,195	7,481	1,286	14.45	Health Science
First-Line Supervisors of Retail Sales Workers	26,696	27,979	1,283	18.87	Marketing
Industrial Machinery Mechanics	6,047	7,299	1,252	24.35	Manufacturing
Teacher Assistants	13,754	14,994	1,240	11.00	Education & Training
Electricians	6,435	7,657	1,222	21.02	Architecture & Construction
Inspectors, Testers, Sorters, Samplers, and Weighers	10,039	11,192	1,153	17.55	Manufacturing

<b>Occupation</b>	<b>2012 Est. Employment</b>	<b>2022 Projected</b>	<b>Total 2012-2022 Employment Change</b>	<b>2015 Avg. Hourly Wage in SC (\$)</b>	<b>Career Cluster</b>
Cooks, Institution and Cafeteria	7,999	9,066	1,067	10.20	Hospitality & Tourism
Machinists	7,719	8,742	1,023	19.65	Manufacturing
Automotive Service Technicians and Mechanics	10,237	11,252	1,015	17.43	Transportation, Distribution & Logistics
Plumbers, Pipefitters, and Steamfitters	4,730	5,732	1,002	20.83	Architecture & Construction
Operating Engineers and Other Construction Equipment Operators	4,689	5,597	908	17.22	Manufacturing
Packers and Packagers, Hand	9,392	10,289	897	10.96	Manufacturing
Painters, Construction and Maintenance	3,840	4,699	859	14.91	Architecture & Construction
Sales Representatives, Services, All Other	5,105	5,944	839	21.11	Marketing
Computer-Controlled Machine Tool Operators, Metal and Plastic	4,000	4,804	804	18.02	Manufacturing
Bartenders	6,431	7,224	793	10.09	Hospitality & Tourism
Real Estate Sales Agents	6,972	7,763	791	20.87	Marketing
Insurance Sales Agents	7,373	8,136	763	22.52	Marketing
Driver/Sales Workers	7,009	7,749	740	12.71	Marketing
First-Line Supervisors of Mechanics, Installers, and Repairers	7,067	7,774	707	28.24	Manufacturing
Hotel, Motel, and Resort Desk Clerks	4,950	5,649	699	9.71	Hospitality & Tourism

<b>Top Career Clusters for These Occupations</b>	
Manufacturing	9
Business Management & Administration	8
Hospitality & Tourism	8
Marketing	8
Architecture & Construction	7
Transportation, Distribution & Logistics	4
Health Science	3
Education & Training	1
Human Services	1
Law	1

*Note: This list is ranked by number of openings, not percentage change*

*Sources--Projections and wages: SC DEW/LMI; Education/Training/OJT: Bureau of Labor Statistics; Clusters: Perkins Collaborative Resource Network*

**South Carolina Department of Employment and Workforce, Business Intelligence Department,  
www.scWorkforceInfo.com, 803-737-2660**