

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

Been more careful about selecting a major in college

Done more internships or worked part time

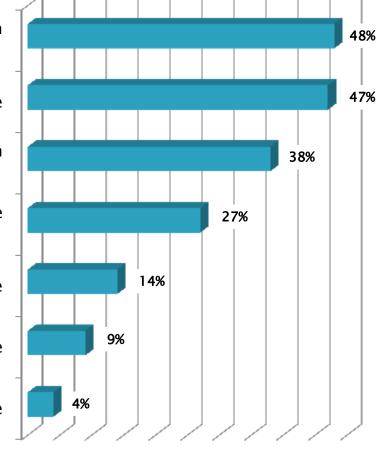
Would have started looking for work much sooner (while still in college)

Would have taken more classes to prepare for a career

Would have gone to a different college

Something else

Would not have gone to college





Source: *Unfulfilled Expectations: Recent College Graduates Struggle in a Troubled Economy*, John J. Heldrich Center for Workforce Development, Rutgers University, May 2011

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



Population

Population Characteristics for SC and US, 2013

	SC	US
Total Population	4,723,923	313,861,723
		_
Under 5 years old	6.2%	6.4%
5-24 years old	26.9%	27.1%
25-64 years old	52.2%	52.8%
65 years old and older	14.7%	13.7%
Median Age	38.4	37.4
		_
White	67.1%	73.9%
African American	27.6%	12.6%
Other	5.3%	13.5%
	•	
Hispanic/Latino	5.3%	16.9%
	•	
Language other than English spoken at home, age 5+	6.9%	20.9%
Veterans	10.7%	8.7%
Disabled	14.1%	12.3%
Median household income	\$43,973	\$52,176
Persons below poverty level	18.6%	15.9%
•		_



Source: US Census Bureau, American Fact Finder

Labor Force Information



First, a few definitions...

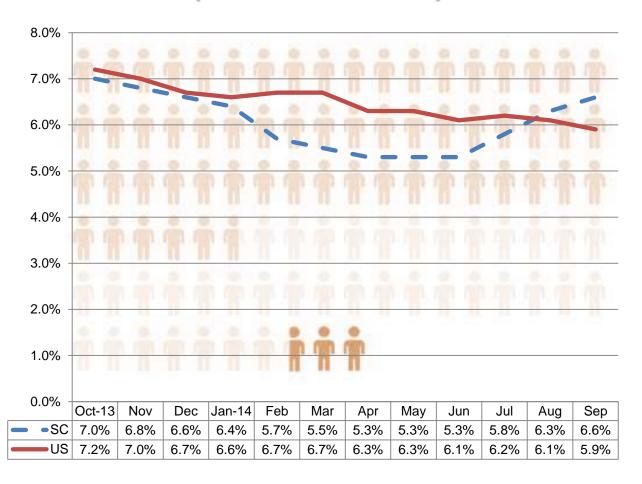
Employed: Persons 16 years old or older who worked for pay (at least one hour) any time during the week that included the 12th of the month.

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

<u>Labor Force</u>: Employed plus unemployed.

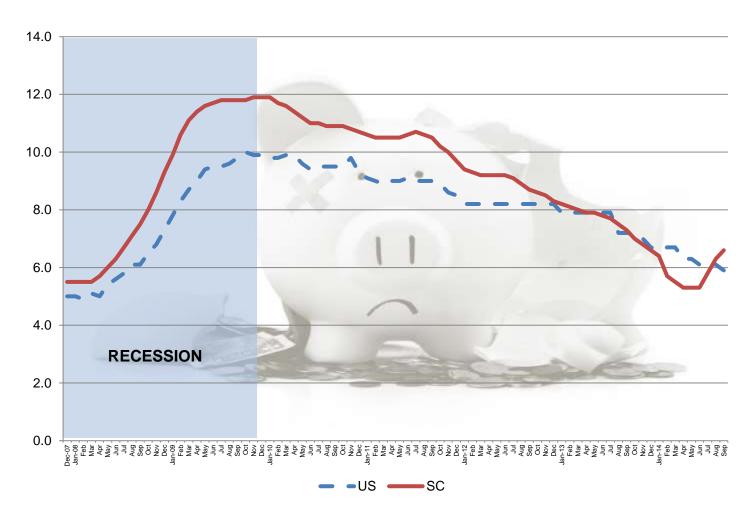
<u>Unemployment Rate</u>: Unemployment divided by labor force.

SC and US Unemployment Rates (Last 12 Months)

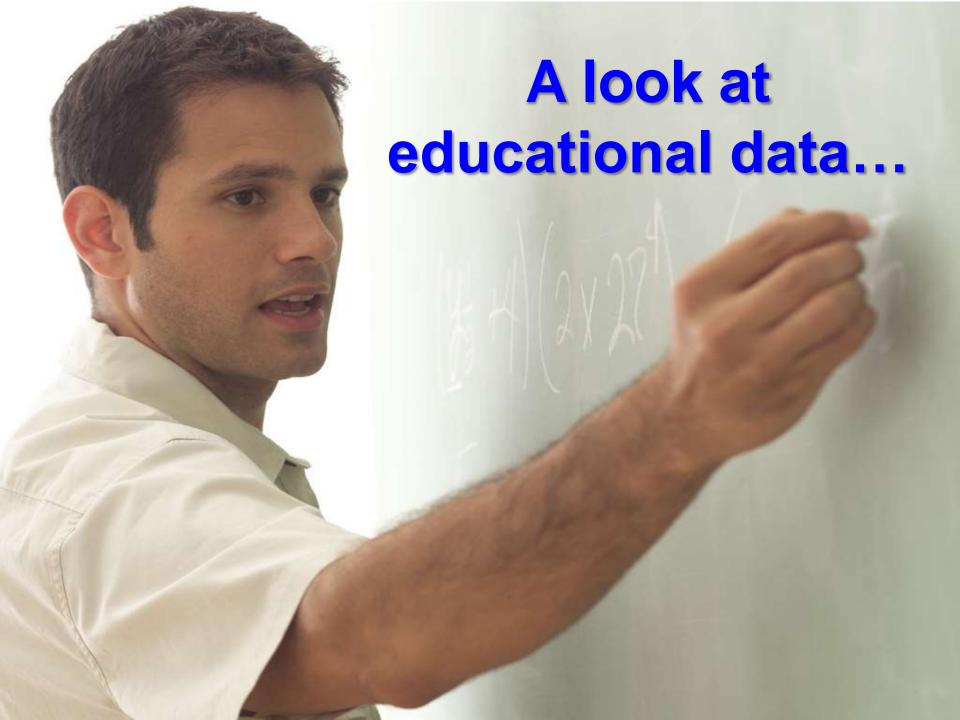


Source: SC DEW, Local Area Unemployment Statistics program

Unemployment Rates with Recession



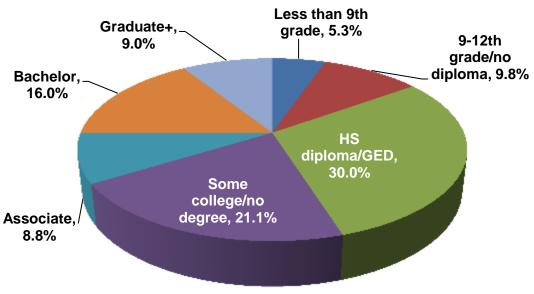
Source: SC DEW, Local Area Unemployment Statistics program



Educational Attainment

Population 25 years old and older, SC, 2013







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.

Chosen Career Clusters in SC, 2012

Cluster	% of Students
Health Science	23.0%
Arts, Audio/Video Technology and Communications	14.7%
Science, Technology, Engineering and Mathematics	11.8%
Law, Public Safety, Corrections and Security	7.5%
Human Service	6.4%
Business, Management and Administration	6.4%
Education and Training	6.0%
Architecture and Construction	4.4%
Transportation, Distribution, and Logistics	3.8%
Agriculture, Food and Natural Resource	3.3%
Government and Public Administration	3.2%
Information Technology	3.1%
Hospitality and Tourism	2.6%
Manufacturing	2.0%
Marketing, Sales and Service	1.1%
Finance	0.9%

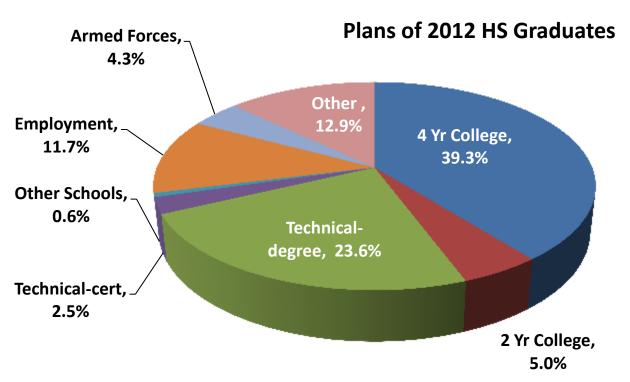
Note: Students may declare more than one cluster or major on an e-IGP; only the first cluster or major chosen is used for reporting.



^{*}Declared clusters for students declaring a specific cluster on their primary e-IGP for 2011-2012 year; source: SC Dept of Education



After High School...



Source: http://ed.sc.gov/agency/rda/documents/2011-12CollegeFreshmanReport.pdf

What about college graduates?

The top 15 college majors in SC, 2013

Business, Management, Marketing, and Related

Health Professions

Education

Liberal Arts/General Studies/Humanities

Engineering/Engineering technologies

Biology

Social Science

Psychology

Visual/Performing Arts

Mechanic/Repair Technology

Computer and IT

Security and Protective Services

Communication, Journalism

Public Administration/Social Services

Parks, Recreation, Leisure, Fitness



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Jobs by Industry

Industry Employment in SC, 1st Quarter 2014		
	#	%
Health Care and Social Assistance	243,145	13.1%
Retail Trade	232,202	12.5%
Manufacturing	226,615	12.2%
Accommodation and Food Services	190,204	10.3%
Educational Services	170,021	9.2%
Administrative and Waste Services	144,522	7.8%
Public Administration	110,465	6.0%
Professional and Technical Services	86,210	4.7%
Construction	80,376	4.3%
Wholesale Trade	67,343	3.6%
Finance and Insurance	67,090	3.6%
Transportation and Warehousing	59,010	3.2%
Other Services, Ex. Public Admin	48,590	2.6%
Information	27,839	1.5%
Arts, Entertainment, and Recreation	26,616	1.4%
Real Estate and Rental and Leasing	26,362	1.4%
Utilities	17,260	0.9%
Management of Companies and Enterprises	16,954	0.9%
Agriculture, Forestry, Fishing & Hunting	10,066	0.5%
Mining	1,130	0.1%



Top 4 Industries

Nursing Care Facilities

Retail Trade

Supermarkets and Other Grocery Stores Gasoline Stations w/ Convenience Stores New Car Dealers

Manufacturing

Poultry Processing Broadwoven Fabric Mills Ball and Roller Bearing Manufacturing

Accommodation and Food Services

Full-Service Restaurants
Limited-Service Restaurants
Hotels (except Casino Hotels) and Motels





Certificates for Online Jobs

Top 10 in SC (July, August, and September 2014)

Certified Registered Nurse

Commercial Driver's License

Certification in Cardiopulmonary Resuscitation

Basic Life Support

Occupational Safety & Health Administration Certification

Licensed Practical Nurse

Top Secret Sensitive Compartmented Information

Advanced Cardiac Life Support

Basic Cardiac Life Support

Certified in Nursing Administration

7 of the top 10 requested certificates are healthcare-related

We can also get soft skills requested by employers...more on that later!

Jobs in the Future

Top 20 jobs with the most openings in SC (2012-2022)



Registered Nurses

Retail Salespersons

Combined Food Preparation and 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

Nursing Assistants

Secretaries and Administrative Assistants, Except Legal, Medical, and Executive

Janitors and Cleaners, Except Maids and Housekeeping Cleaners

Construction Laborers

General and Operations Managers

Bookkeeping, Accounting, and Auditing Clerks

Office Clerks, General

First-Line Supervisors of Office and Administrative Support Workers

Carpenters

Elementary School Teachers, Except Special Education

Maids and Housekeeping Cleaners

Top 50 Jobs with the Most Openings in SC

Top 50 Projected Occupations in South Carolina, 2012-2022						
	2012 Est.	2022	Total 2012-2022	2013 Avg. Hourly Wage		
Occupation	Employment	Projected	Employment Change	in SC (\$)	Education/Experience/OJT*	Career Cluster
Registered Nurses	43,687	51,936	8,249	28.69	Associate's	Health Science
Retail Salespersons	68,462	75,148	6,686	11.50	< HS/GED+short OJT	Marketing
Combined Food Prep. & Serving Workers, Inc. Fast Food	43,643	50,183	6,540	8.47	< HS/GED+short OJT	Hospitality & Tourism
Laborers & Freight, Stock, & Material Movers, Hand	37,503	43,338	5,835	12.08	< HS/GED+short OJT	Transportation, Distribution & Logistics
Customer Service Representatives	38,724	44,165	5,441	14.31	HS/GED+short OJT	Business Management & Administration
Home Health Aides	10,731	15,722	4,991	9.40	< HS/GED+short OJT	Health Science
Team Assemblers	40 282	45 142	4 860	15.06	HS/GFD+moderate OIT	Manufacturing



See handout for complete list.

Declining Occupations

Top 20 Declining Occupations in SC, 2012-22

Textile Knitting and Weaving Machine Setters, Operators, and Tenders

Data Entry Keyers

Postal Service Mail Carriers

Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders

Sewing Machine Operators

Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic

Paper Goods Machine Setters, Operators, and Tenders

Switchboard Operators, Including Answering Service

Chemical Plant and System Operators

Postal Service Mail Sorters, Processors, and Processing Machine Operators

Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers

Textile Bleaching and Dyeing Machine Operators and Tenders

Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic

Postal Service Clerks

Fallers

Information and Record Clerks, All Other

Grinding/Lapping/Polishing/Buffing Machine Tool Setters/Operators/Tenders, Metal & Plastic

Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic

Meter Readers, Utilities

Mail Clerks and Mail Machine Operators, Except Postal Service



Educational Requirements for the Top 50 Jobs in SC

Education	#	%
High school diploma or GED	201	37.2%
Bachelor's	129	23.9%
Less than High School	61	11.3%
Doctorate and above	54	10.0%
Associate's	39	7.2%
Postsecondary	29	5.4%
Master's	23	4.3%
Some college, no degree	4	0.7%
All growing occupations	540	100.0%

48.8% of all growing occupations do <u>not</u> require classroom training beyond high school!



But remember, many of these occupations do not pay well because they do not require much education.

Jobs that require OJT

(from the top 50 occupations in SC)

- Bookkeeping/Accounting Clerks (\$16.18)
- Customer Services Reps (\$14.31)
- Retail Salespersons (\$11.50)
- Security Guards (\$12.81)





OJT jobs where a certificate will help...

Pharmacy Technicians (\$13.54)

Truck Drivers, Heavy/Tractor Trailer (\$18.71)

Medical Assistants (\$14.20)

Jobs that require
Postsecondary/
Career Training or
an Associate's
Degree



Registered Nurses (\$28.69)

Nursing Assistants (\$10.69)

HVAC Mechanics/Installers (\$18.86)

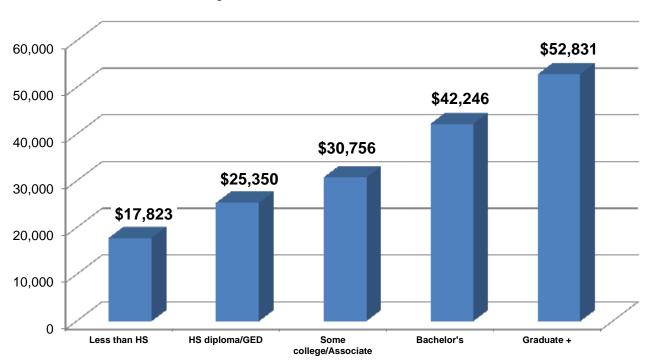
Licensed Practical Nurses (LPN) (\$18.59)

BUT...

The more you learn, the more you earn!!

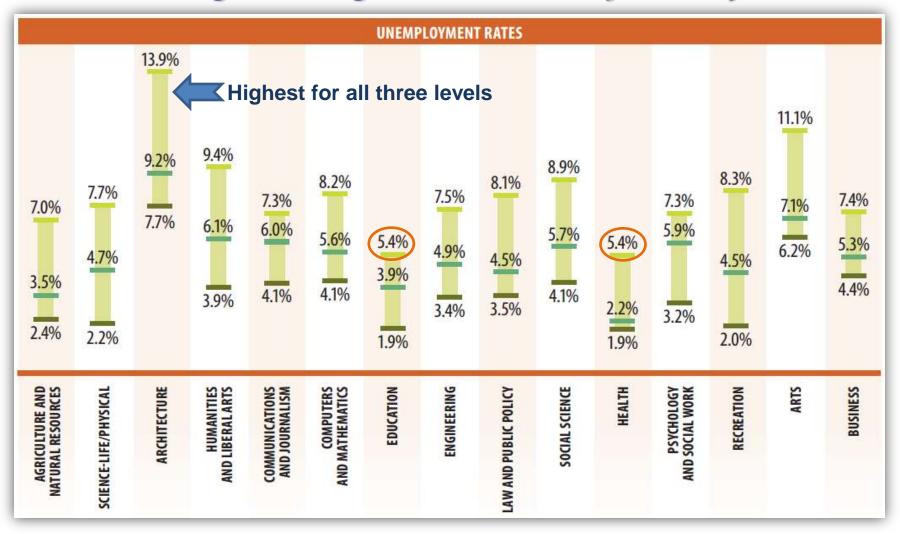


Income by Education level in SC, 2013





Going to college? Think about your major!



←Recent College Grad: 22-26 years of age

← Experienced: 30-54 years

← Graduate: 30-54 years

Full report and more specific data at: www.cgsnet.org/ckfinder/userfiles/files/Unemployment_ Final_update1.pdf, 2010

Jobs that require a Bachelor's Degree or higher



Pharmacists (\$52.70)

Doctors (\$72.73)

Accountants & Auditors (\$28.42)

Cost Estimators (\$29.37)

About the money...



Reality check!

- Go to 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 →
- Select how much education you want and in what career category you are interested.
- You will get a list of occupations for the area you selected using the expenses, education, and cluster you picked.

Your Monthly Expenses Columbia, SC

Housing	\$715
Utilities	\$155
Communications	\$115
Food	\$340
Transportation	\$350
Clothes	\$50
Health Care	\$85
Entertainment	\$50
Personal Care	\$50
Miscellaneous	\$50
Student Loans	\$0
Savings	\$39

Monthly Expenses	\$1,999.00
State and Federal taxes	\$418.42
Monthly Expenses with taxes	\$2,417.00
Annual Expenses	\$29,009.04

Salary needed

\$29,009.04 or \$13.95/hour

The results...

Health Science	Education Level	Wages	
Dental Assistants	4 months to 1 year	\$35,810	
Licensed Practical Nurses	4 months to 1 year	\$39,820	
Medical Equipment Preparers 1	4 months to 1 year	\$29,440	
Medical Secretaries	4 months to 1 year	\$30,410	
Pharmacy Technicians 1	4 months to 1 year	\$29,650	
Phlebotomists 1	4 months to 1 year	\$30,150	
Hospitality and Tourism	Education Level	Wages	
Animal Trainers 1	4 months to 1 year	\$29,910	
Chefs and Dinner Cooks	4 months to 1 year	\$29,273	
Recreation Guides 1	4 months to 1 year	\$33,820	
Travel Agents	4 months to 1 year	\$29,090	
Information Technology	Education Level	Wages	
Computer User Support Specialists	4 months to 1 year	\$39,280	



Indicates local data is not available so state or US data is shown.

Soft Skills Requested by Employers

Top 10 in SC

(July, August, and September 2014)

Oral and written communication skills

Integrity

Customer service oriented

Team-oriented, teamwork

Microsoft Office

Detail oriented

Problem solving

Self-starting / Self-motivated

Organizational skills

Sales and operations planning





- Know the current employment situation in your area.
- Look at projections for occupations you don't necessarily need 4 years of college to get a well-paying job!
- Right now, the best occupations are in *Healthcare* and *Business*. Also think about *Transportation and Manufacturing*.
- Soft skills are vital!



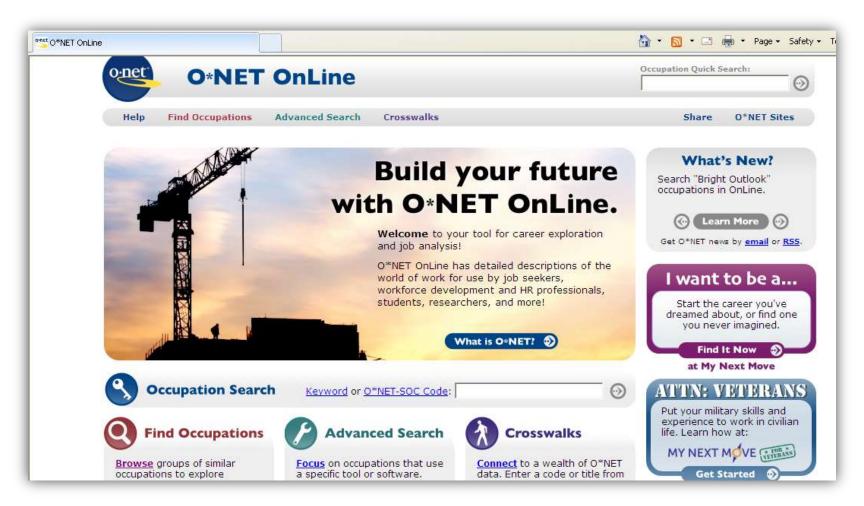
Where can we find more information?

www.onetonline.org
O*Net

www.scWorkforceInfo.com

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

www.onetonline.org









Industry

Accommodation

Summary Report for:

43-3031.00 - Bookkeeping, Accounting, and Auditing Clerks

3

Updated 2010

Bright Utlook

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 <u>Details</u> <u>Custom</u>

Tasks | 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



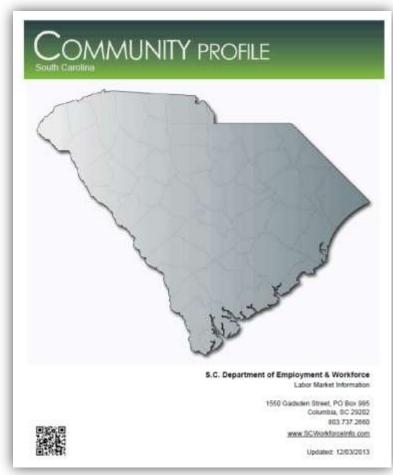
Community Profiles (con't.)

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



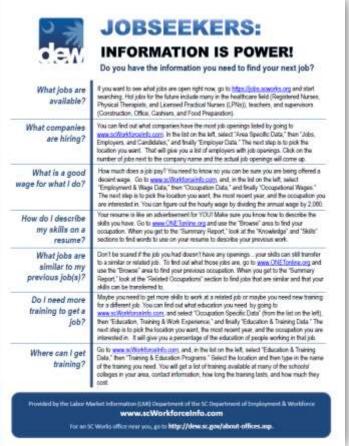
Hands-on Tools







Free for download or printing from the BID website.



- Jobseekers
- Employers
- Educators

Coming Soon...

- Economic Development
- Entrepreneurs

Hands-on Tools for SC Works Centers



Registered Nurses

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findin

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- 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 Reents
- Industrial Engineers
- > Sales Representatives in Wholesale and Manufacturing
- > Physical Therapists
- > Supervisors of Office and Administrative Workers

Neal more information? So to some stide blockless delicate



Date for Suport 2013: John eds from the Conference Source Help Mented Colonell data series

O*NET (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.onetonline.org.
 Find the "Search" box and put in the job you are interested in
- 3. Look at the sections for "Tusks" and "Work Activities."

Here's an example for a Janitor:

- Monitor building wearity and weeks
- . Service, clean, or repply restrooms
- * Gather and empty truck
- * Clear building floors by owerping, mopping.
- scrabbing, or vacuuming.
- Use chemical cleaners and power squipment.

- Inspecting Equipment, Structures, or Material
- * Performing General Physical Activities
- . Headling and Moving



Want to work this summer?

The summer is husy for many companies and lots of them will hire teenagees!

Which companies are hiring? Think of what happens in the summer, the weather is great, kids are out of school, and families are on vacation.

A summer job, like those lated below, is a great way to earn money and get job experience.

GMF Caddy

'Tis the season for great holiday jobs!

Lots of companies hire more people before and during the holidays.

Why should you look for a seasonal job?

- · It can fill in gaps in your resume.
- It can out you in contact with potential full-time employers.
- You can learn skills that carry over to a permanent job.
- It will make you feel better about yourself.

These kinds of places usually increase hiring for sales staff at this time of year.

Department stores Clothing Stores

Discount stores Sporting goods stores Hobby & music stores Grocery stores

Toy stores

Jewelly stores (Don't forget seasonal security, stacking, and junitorial jobel)

Hospitality Maida/Hornakononera

Kleska in malls

Computer stores

Walters and Waltransen

Banquet Servers Florists Food delivery (Check with hotels, motels, restaurants, and florists.)

Distribution & Delivery

Reed help filling ou

an application or

preparing for an

Please see a memb

of the SC*Works

team today!

Those gifts have to get to people somehow so there are usually openings for national delivery companies and in warehouses of the large ordine retail (May require being oble to lift up to 70 pounds and/or stand

for long periods)

You can also search SC Works Online Services (SCWQS) for these jobs by adding key words such as:

reliday retail Hospitality Marchandising Seasonal

Temperary Customer service Delivery Distribution

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QUESTIONS?





Lorraine Faulds, GCDF Ifaulds@dew.sc.gov

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

www.scWorkforceInfo.com





Hands on!

www.onetonline.org
O*Net

(for occupational information)

www.scWorkforceInfo.com

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

(for publications)

www.scois.net
SC Occupational Information System
(for Reality Check)