



# Postsecondary Supply Gap Overview & LMI Website Tour

Quarterly Administrators Meeting

Thursday, June 19, 2025

**Dr. Bryan Grady - Asst. Executive Director for Labor  
Market Information**

**Brandon Wilkerson - Labor Market Analytics Director**



# What is a Supply Gap Analysis?

- A “supply gap” exists when the demand for an occupation or skill exceeds the supply of qualified workers available.
- Large supply gaps suggest that education and training providers may need to retool to better meet workforce needs.
- Act 67 requires “development and implementation of an annual statewide workforce and education supply gap analysis” within the Unified State Plan.



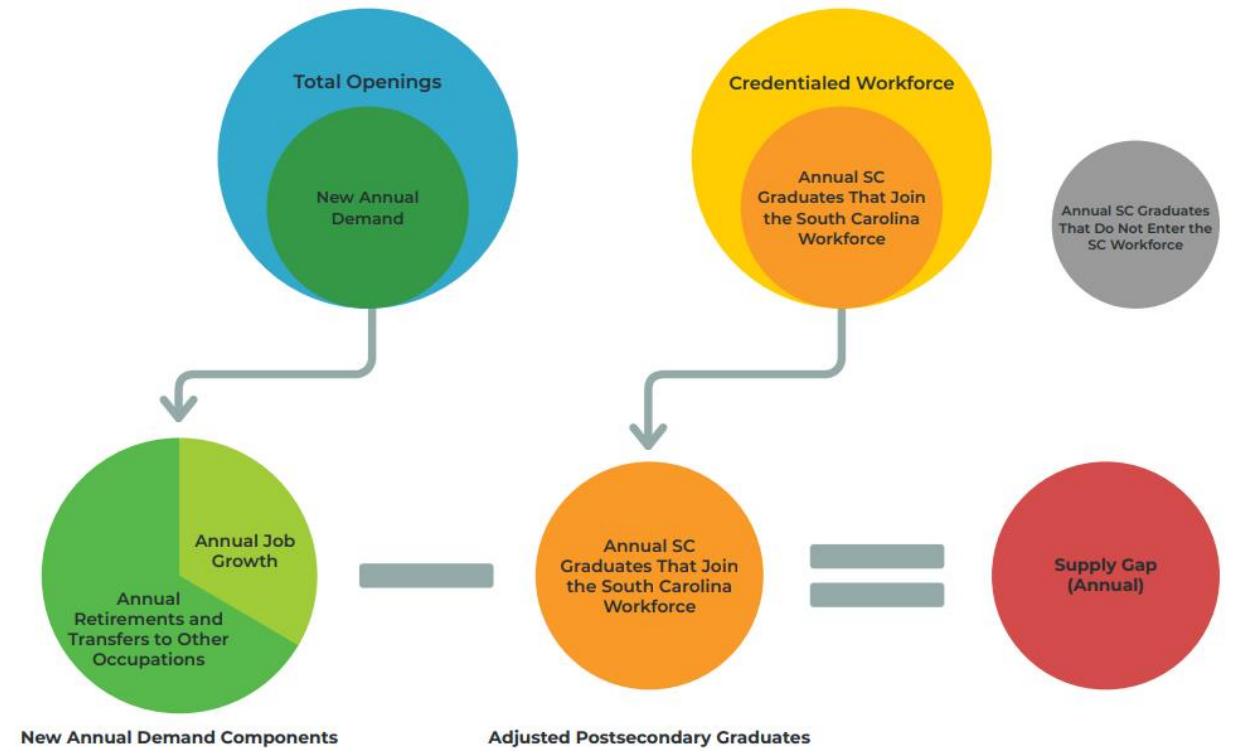
# Why “Postsecondary”?

Jobs Included in the Supply Gap Analysis	Jobs NOT Included in the Supply Gap Analysis
Jobs that require less than five years of work experience	Jobs that require five years or more of work experience
Jobs that require a certificate, two-year degree, four-year degree, or graduate degree	Jobs that do not require a postsecondary degree

- The best measure of incoming labor supply is the specialized education and training received from a postsecondary institution.

# Defining Supply and Demand

- **Supply:** The number of people graduating from each program, subtracting out who leave South Carolina for work
- **Demand:** The number of job postings for each occupation
- Supply is converted from program to occupation via a crosswalk, which tracks what credentials lead to which careers. This can be simple (e.g., nursing degrees) or not (e.g., psychology majors).



# Guide to Interpretation

- A supply gap of zero means that, for every job posting, there is exactly one recently credentialed worker ready to fill it.
- Therefore, a supply gap is the number of additional graduates per year needed to keep the number of job openings stable.
- It is NOT the count of graduates needed to fill every open position or a measure of the value or importance of a specific occupation.

# Results by Career Cluster

- While the full report provides an estimated supply gap for every occupation (i.e., SOC code), the overview focuses on clusters.
- The supply gap in 15 of 16 clusters can be characterized as narrow, moderate, or wide.
- The hospitality and tourism cluster was not rated because it does not include occupations covered by the analysis.

# Results by Career Cluster

Career Cluster	PSGA Rating
Agriculture, Food, and Natural Resources	Narrow Gap
Architecture and Construction	Moderate Gap
Arts, Audio/Video Technology, and Communications	Narrow Gap
Business Management and Administration	Wide Gap
Education and Training	Wide Gap
Finance	Wide Gap
Government and Public Administration	Moderate Gap
Health Science	Wide Gap
Human Services	Moderate Gap
Information Technology	Wide Gap
Law, Public Safety, Corrections, and Security	Moderate Gap
Manufacturing	Moderate Gap
Marketing	Moderate Gap
Science, Technology, Engineering, and Mathematics	Narrow Gap
Transportation, Distribution, and Logistics	Wide Gap

# Largest Gaps by Cluster

- **Business Management and Administration:** HR Specialists
- **Education and Training:** Elementary School Teachers
- **Finance:** Accountants and Auditors
- **Health Science:** Medical Assistants, Medical and Health Services Managers, Nursing Assistants, Registered Nurses
- **Law, Public Safety, et al.:** Paralegals and Legal Assistants
- **Information Technology:** Software Developers
- **Marketing:** Market Research Analysts and Marketing Specialists

**CAREER CLUSTER 4: BUSINESS MANAGEMENT AND ADMINISTRATION**



**Priority Occupation**

Business Operations Specialists, All Other	Bachelor's degree
Human Resources Specialist	Bachelor's degree
Management Analysts	Bachelor's degree
Meeting, Convention, and Event Planners	Bachelor's degree
Training and Development Specialists	Bachelor's degree

**Required Education**

Business Operations Specialists, All Other	Bachelor's degree
Human Resources Specialist	Bachelor's degree
Management Analysts	Bachelor's degree
Meeting, Convention, and Event Planners	Bachelor's degree
Training and Development Specialists	Bachelor's degree

**Careers in the Business Management and Administration cluster relate to planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Careers in leadership, management, and support roles are needed by all types of organizations to operate successfully.**

**Occupation Spotlight: Management Analysts**

Management Analysts conduct organizational studies and evaluations, design systems and procedures, conduct work simplification and measurement studies, and prepare operations and procedures manuals to assist management in operating more efficiently and effectively.

**CAREER CLUSTER 5: EDUCATION AND TRAINING**



**Elementary School Teacher**



**Priority Occupation**

Elementary School Teachers, Except Special Education	Bachelor's degree
Middle School Teachers, Except Special and Career/Technical Education	Bachelor's degree
Preschool Teachers, Except Special Education	Associate degree
Secondary School Teachers, Except Special and Career/Technical Education	Bachelor's degree
Teachers and Instructors, All Other	Bachelor's degree

**Required Education**

Elementary School Teachers, Except Special Education	Bachelor's degree
Middle School Teachers, Except Special and Career/Technical Education	Bachelor's degree
Preschool Teachers, Except Special Education	Associate degree
Secondary School Teachers, Except Special and Career/Technical Education	Bachelor's degree
Teachers and Instructors, All Other	Bachelor's degree

**Careers in the Education and Training career cluster focuses on the activities, resources, and locations that provide all kinds of learning services. It includes careers at public and private schools at every level—pre-K through high school—as well as colleges and universities. Occupations at libraries, museums and corporate training services are also part of this cluster.**

**Occupation Spotlight: Elementary School Teachers**

Elementary School Teachers teach academic and social skills to students at the elementary school level.

**CAREER CLUSTER 14: SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS**



**Priority Occupation**

Electrical Engineers	Bachelor's degree
Industrial Engineers	Bachelor's degree
Life, Physical, and Social Science Technicians, All Other	Associate degree

**Required Education**

Electrical Engineers	Bachelor's degree
Industrial Engineers	Bachelor's degree
Life, Physical, and Social Science Technicians, All Other	Associate degree

**Careers in the Science Technology Engineering and Math cluster relate to planning, managing and providing scientific research and professional and technical services such as laboratory and testing services, and research and development services.**

**Occupation Spotlight: Industrial Engineer**

Industrial Engineers design, develop, test, and evaluate integrated systems for managing industrial production processes, including human work factors, quality control, inventory control, logistics and material flow, cost analysis, and production coordination.

The narrow gap for Science, Technology, Engineering, and Mathematics (STEM) careers may seem counterintuitive to some readers. However, the report deals with jobs requiring less than five years of experience, so only entry-level engineering jobs are being analyzed. The relatively lower gap shows that the state is producing qualified graduates at close to the rate needed to stabilize annual job openings in these positions. This result also signals the effectiveness of the state's policy interventions meant to increase access to and interest in STEM fields.



# Part 2: The New Website

*An equal opportunity employer/program. Auxiliary aids and services are available upon request to individuals with disabilities.*

*For program funding details in compliance with the Stevens Amendment, please visit [www.dew.sc.gov/funding](http://www.dew.sc.gov/funding).*

# SCDEW Labor Market Information Website



Search SC LMI



Welcome to South Carolina's Labor Market Information website, your one-stop shop for the most current, most relevant data and analysis on the state's workers, industries, and economy.

We work with the U.S. Bureau of Labor Statistics and the U.S. Census Bureau, making us the official source for this information throughout South Carolina. The labor force research conducted by our department gives insight to employers and jobseekers alike to make informed workforce-related decisions.



FIND YOUR FUTURE



COMMUNITY  
PROFILES



SC DATA TRENDS  
MAGAZINE



LMI INSIGHTS BLOG



LMI DASHBOARDS



REQUEST DEW DATA



# Ease of Navigation

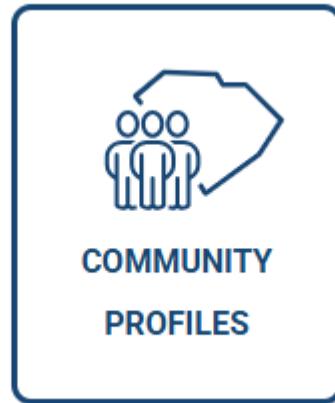


- The organizing concept: a visitor can easily ascertain where to go for the resources most pertinent to their needs: Jobseekers, Employers, and Researchers (Data Hub).

- ❖ **About Us**
- ❖ **Employers**
- ❖ **Data Hub**
- ❖ **Jobseekers**
- ❖ **Other Resources**
- ❖ **Publications**



# Home Page Buttons



- **Find Your Future** - CCWD initiative and its webpage
- **Community Profiles** - new and improved version of the popular product
- **SC Data Trends Magazine** - the latest issue as well as archives
- **LMI Insights Blog** - quick insights into LMI matters
- **LMI Dashboards** - custom made LMI interactive dashboards, including Labor Force Participation Rate related statistics from the BLS and SCDEW; and Veterans Characteristics data from ACS
- **Request DEW Data** - a request page where a visitor can send a direct inquiry for information

# Find Your Future

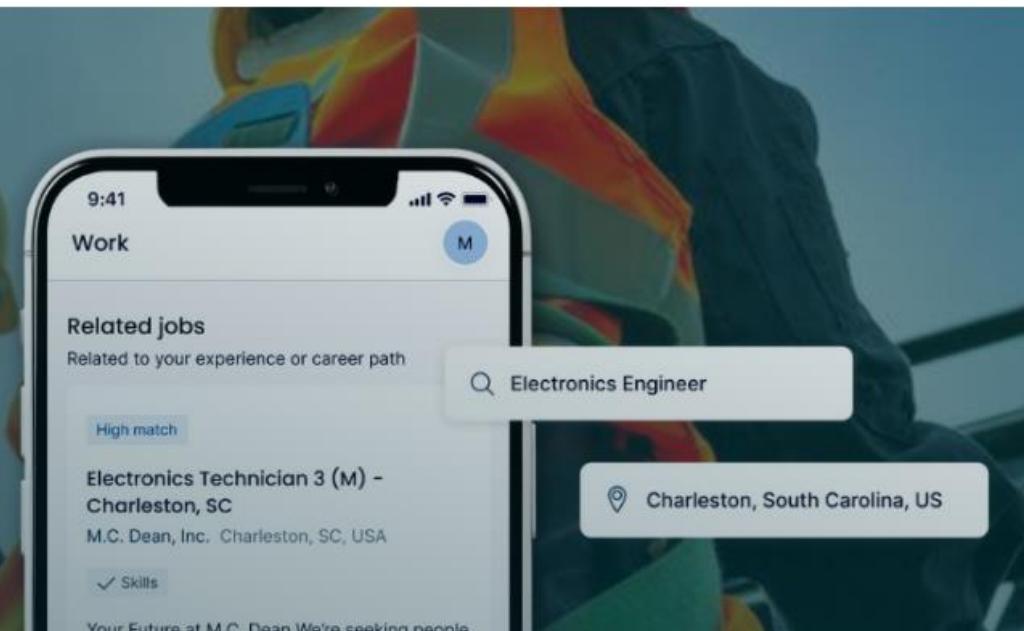
SC.GOV

AGENCY LISTING    ONLINE SERVICES



Jobseekers ▾    Employers ▾    Education ▾    Resources for Partners    Future Finder    Website Feedback Survey   

Find Your Future in  
South Carolina with  
the New Future Finder  
Tool



# Community Profiles

South Carolina

1 / 11 | - 67% + | 🔍 🔍



1



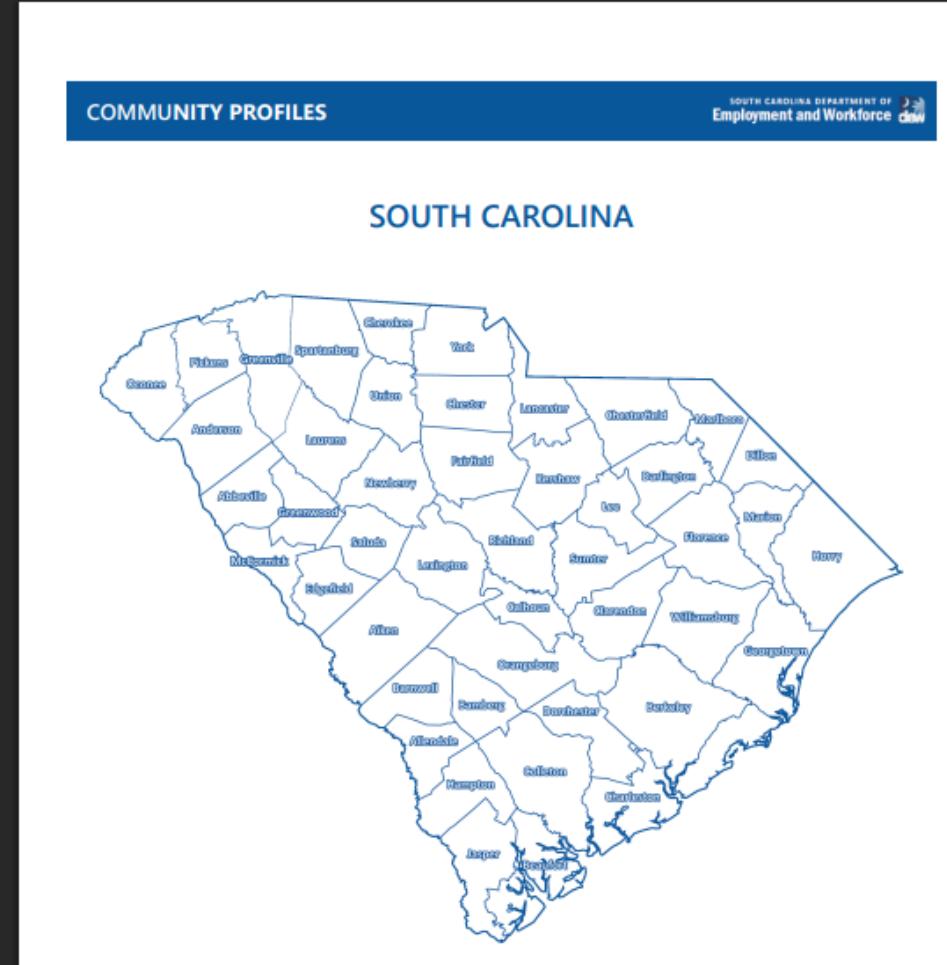
2



COMMUNITY PROFILES

SOUTH CAROLINA

SOUTH CAROLINA DEPARTMENT OF Employment and Workforce 



# SC Trends Data Magazine

 South Carolina Department of  
**Employment and Workforce**

[Search SCDEW](#)

[Individuals](#)   [Employers](#)   [SC@Work](#)   [Labor Market Information](#)   [Workforce Initiatives](#)   [About Us](#)

[Home](#) » [Labor Market Information](#) » Data Trends Issues

## Data Trends Issues

### South Carolina Data Trends



# LMI Insights Blog



South Carolina Department of  
**Employment and Workforce**

Individuals

Employers

SC@Work

Labor Market Information

Workforce Initiatives

About Us

[Home](#) » [LMI Insights](#)

## LMI Insights

Mon, 05/19/2025

### [What a Difference Two Decades Makes: 2025 Update on South Carolina Manufacturing Wages](#)

[What a Difference Two Decades Makes: 2025 Update on South Carolina Manufacturing Wages](#)

*By Brandon Wilkerson, Labor Market Analytics Director*

Mon, 05/19/2025

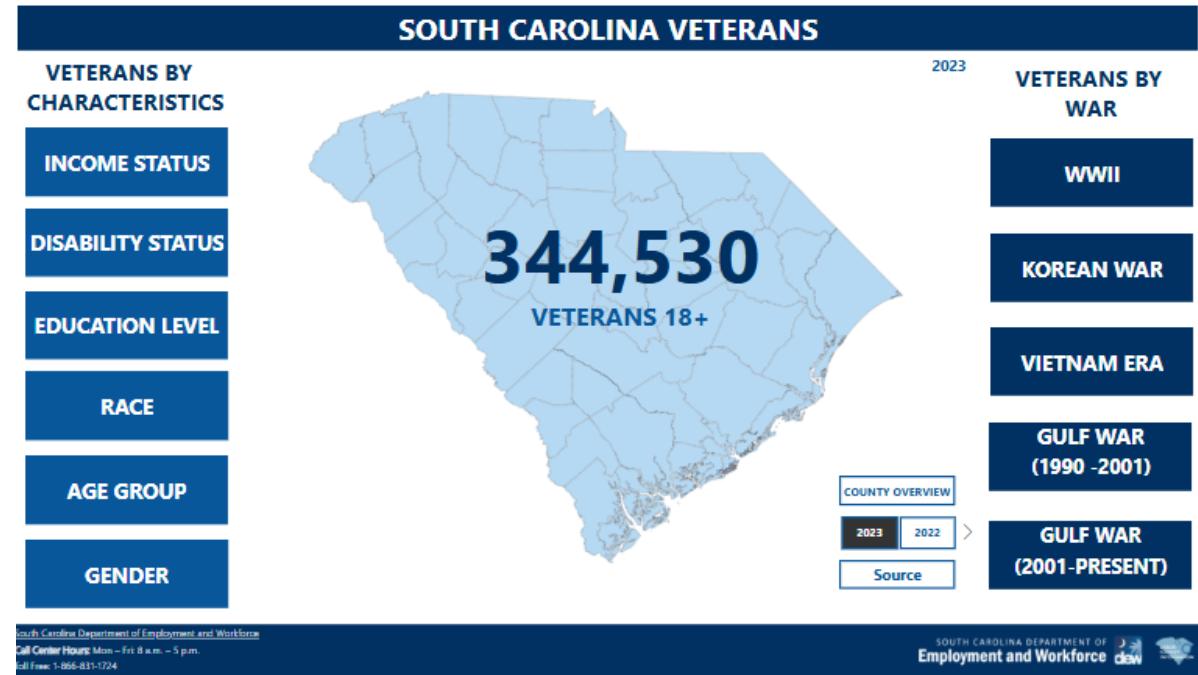
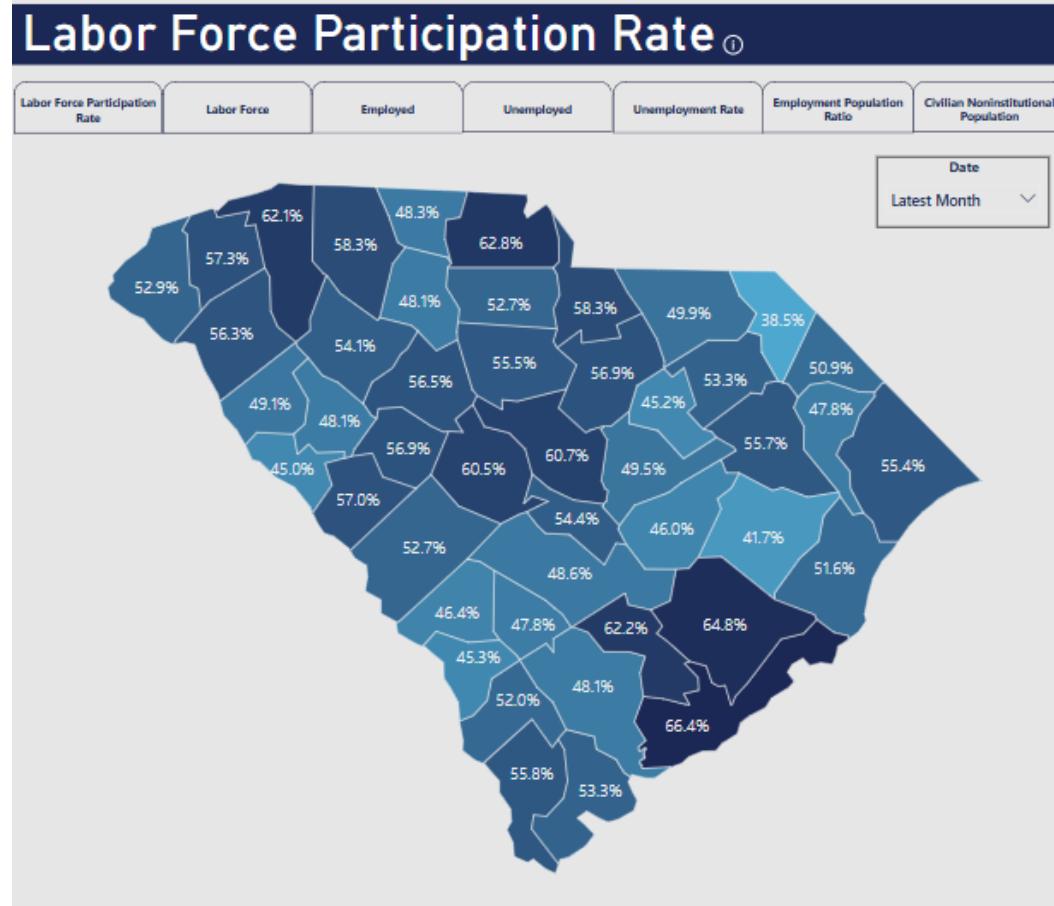
### [South Carolina Records 2nd Fastest Employment Growth from March 2024 to March 2025](#)

[South Carolina Records 2nd Fastest Employment Growth from March 2024 to March 2025](#)

*Lainey Stainaker, Data Analytics Writer*



# LMI Dashboards



# Request for DEW Data

[Individuals](#)[Employers](#)[SC@Work](#)[Labor Market Information](#)[Workforce Initiatives](#)[About Us](#)[Home](#) » Request Data from DEW

## Request Data from DEW

DEW has a great deal of administrative data available from the programs that it operates. If you are employed by a state or local government entity, academic or research institution, or other eligible user, you can request DEW data using the form below. For general labor market information inquiries not related to administrative data, please email [Imicustomerservice@dew.sc.gov](mailto:Imicustomerservice@dew.sc.gov).

This form is not for assistance with individual case files. If you have questions about your unemployment insurance claim, please visit [dew.sc.gov/individuals](http://dew.sc.gov/individuals) or call 866-831-1724. Questions can be submitted via the [Unemployment Insurance Webform for Individuals and Employers](#) to avoid potential wait times on the phone, but please do not submit individual information about a claim through the form.

\* Required

1. Name of applicant \*

Please enter the applicant's full name.

Enter your answer

2. Affiliation of applicant \*

# Home Page Latest News Feed

## Latest News

Find out the latest news  
happening with South Carolina  
DEW

[2024 Quarter 4 Census of Employment and Wages](#) • 5/21/2025

The 2024 Quarter 4 Census of Employment and Wages is available by clicking on the “Data Hub” menu item and next on the “BLS Data” item, then “Quarterly Census of Employment and Wages” choice.

[April 2025 Local Area Unemployment Statistics](#) • 5/21/2025

The April 2025 data release of the Local Area Unemployment Statistics program is available by clicking on the “Data Hub” menu item and next on the “BLS Data” item, then “Local Area Unemployment Statistics-Learn More” choice.

[April 2025 Community Profile Reports](#) • 5/21/2025

The April 2025 Community Profile Reports are available by clicking on the “Community Profiles” button on the main page.

[View All News →](#)



# Data Hub - CES, LAUS, OEWS, QCEW Programs

[Home](#) » [Data Hub](#) » [Data Hub](#)

## US Bureau of Labor Statistics Data Hub

### Current Employment Statistics

The Current Employment Statistics (CES) program is a monthly survey conducted by the Bureau of Labor Statistics.

[Learn More →](#)

### Local Area Unemployment Statistics

The Local Area Unemployment Statistics (LAUS) program is a cooperative effort between the Labor Market Information Division of the South Carolina Department of Employment and Workforce (DEW) and the U.S. Bureau of Labor Statistics (BLS).

[Learn More →](#)

### Occupational Employment and Wage Statistics

The Occupational Employment and Wage Statistics (OEWS) program produces employment and wage estimates annually for nearly 800 occupations.

[Learn More →](#)

### Quarterly Census of Employment and Wages

The Quarterly Census of Employment and Wages (QCEW) program publishes a quarterly count of employment and wages reported by employers covering more than 95 percent of U.S. jobs.

[Learn More →](#)

# Data Hub - LAUS Table

## Employment and Unemployment Statistics - LAUS

State	Region	Area Type	Area	Year	Period Type	Period	Adjustment	
				(All)	(All)	(All)	(All)	X
South Carolina	SC	State	South Carolina	(All)	(All)	(All)	(All)	
Region	Area			Year	Period	Adjustment	Preliminary	Employed
SC	South Carolina			2025	January	Not Adj	No	2,420,805
SC	South Carolina			2025	January	Not Adj	Yes	2,420,901
SC	South Carolina			2025	January	Seas. Adj	No	2,439,667
SC	South Carolina			2025	January	Seas. Adj	Yes	2,439,684
SC	South Carolina			2025	February	Not Adj	No	2,440,273
SC	South Carolina			2025	February	Not Adj	Yes	2,440,432
SC	South Carolina			2025	February	Seas. Adj	No	2,443,050
SC	South Carolina			2025	February	Seas. Adj	Yes	2,443,080
SC	South Carolina			2025	March	Not Adj	No	2,458,520
SC	South Carolina			2025	March	Not Adj	Yes	2,458,426
SC	South Carolina			2025	March	Seas. Adj	No	2,445,437
SC	South Carolina			2025	March	Seas. Adj	Yes	2,445,419
SC	South Carolina			2025	April	Not Adj	Yes	2,470,912
SC	South Carolina			2025	April	Seas. Adj	Yes	2,448,456
SC	South Carolina			2024	Annual	Not Adj	No	2,430,453
SC	South Carolina			2024	January	Not Adj	No	2,392,938
SC	South Carolina			2024	January	Seas. Adj	No	2,420,352
SC	South Carolina			2024	February	Not Adj	No	2,408,352
SC	South Carolina			2024	February	Seas. Adj	No	2,422,031
SC	South Carolina			2024	March	Not Adj	No	2,435,393
SC	South Carolina			2024	March	Seas. Adj	No	2,424,087
SC	South Carolina			2024	April	Not Adj	No	2,445,498
SC	South Carolina			2024	April	Seas. Adj	No	2,426,252
SC	South Carolina			2024	May	Not Adj	No	2,435,683
SC	South Carolina			2024	May	Seas. Adj	No	2,428,597
							Labor Force	Unemployed
								Unemployment Rate
								4.3%
								4.3%
								4.3%
								4.3%
								4.5%
								4.5%
								4.2%
								4.2%
								4.1%
								4.1%
								4.1%
								3.8%
								4.2%
								4.1%
								3.7%
								3.4%
								4.0%
								3.5%
								3.7%
								3.7%
								3.2%
								3.9%
								3.8%
								4.2%

# Data Hub - Industry Employment Projections Table

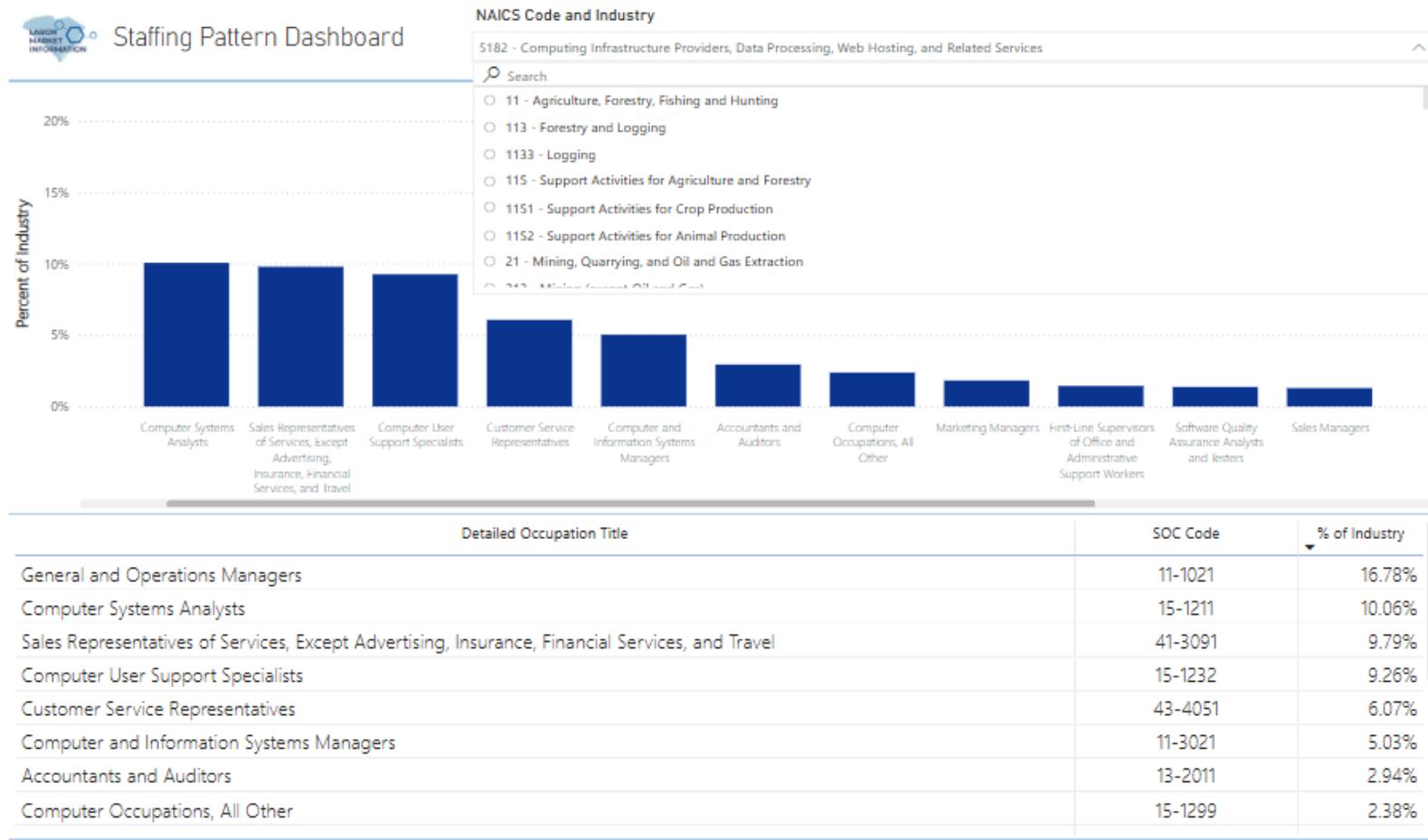
- Both Long Term and Short Term Industry Projections can be found in the Industry Employment Projections table. Occupational Projections can be found on the website in another table.

## Industry Employment Projections

State	Region	Area Type	Area	Period	Industry Type	Industry Level	Industry Code & Title
South Carolina	SC	State	South Carolina	Long-Term Projecti...	NAICS	(All)	(All)
<input type="checkbox"/> (All)							
<input type="checkbox"/> Short-Term Projections 2023 - 2025							
<input checked="" type="checkbox"/> Long-Term Projections 2022 - 2032							
<input type="checkbox"/> Long-Term Projections 2020 - 2030							
				<input type="button" value="Cancel"/>	<input type="button" value="Apply"/>		
Area	Period	Industry Code & Title	Projected Employment	Numeric Change	% Change		
South Carolina	Long-Term Projections 2022 - 2032	1021 - Trade, Transportation and Utilities	433,492	492,785	59,293	13.68%	
South Carolina	Long-Term Projections 2022 - 2032	221 - Utilities	10,950	11,357	407	3.72%	
South Carolina	Long-Term Projections 2022 - 2032	71 - Arts, Entertainment, and Recreation	32,538	36,093	3,555	10.93%	
South Carolina	Long-Term Projections 2022 - 2032	424 - Merchant Wholesalers, Nondurable Goods	22,708	24,128	1,420	6.25%	
South Carolina	Long-Term Projections 2022 - 2032	323 - Printing and Related Support Activities	4,798	4,088	-710	-14.80%	
South Carolina	Long-Term Projections 2022 - 2032	512 - Motion Picture and Sound Recording Industries	1,936	1,846	-90	-4.65%	
South Carolina	Long-Term Projections 2022 - 2032	236 - Construction of Buildings	26,453	26,787	334	1.26%	
South Carolina	Long-Term Projections 2022 - 2032	531 - Real Estate	23,992	28,235	4,243	17.69%	
South Carolina	Long-Term Projections 2022 - 2032	485 - Transit and Ground Passenger Transportation	2,161	2,390	229	10.50%	
South Carolina	Long-Term Projections 2022 - 2032	339 - Miscellaneous Manufacturing	8,235	8,222	-13	-0.16%	
South Carolina	Long-Term Projections 2022 - 2032	513 - Publishing Industries	7,618	9,236	1,618	21.24%	
South Carolina	Long-Term Projections 2022 - 2032	482 - Rail Transportation	1,962	1,903	-59	-3.01%	
South Carolina	Long-Term Projections 2022 - 2032	551 - Management of Companies and Enterprises	24,851	34,562	9,711	39.08%	
South Carolina	Long-Term Projections 2022 - 2032	1011 - Natural Resources and Mining	15,992	16,019	27	0.17%	
South Carolina	Long-Term Projections 2022 - 2032	115 - Agriculture and forestry support activities	4,329	4,670	341	7.88%	
South Carolina	Long-Term Projections 2022 - 2032	313 - Textile Mills	12,518	11,020	-1,498	-11.97%	
South Carolina	Long-Term Projections 2022 - 2032	56 - Administrative and Waste Services	162,830	180,897	18,067	11.10%	
South Carolina	Long-Term Projections 2022 - 2032	444 - Building material and garden supply stores	26,316	29,153	2,837	10.78%	
South Carolina	Long-Term Projections 2022 - 2032	721 - Accommodation	30,545	31,249	704	2.30%	
South Carolina	Long-Term Projections 2022 - 2032	316 - Leather and Allied Product Manufacturing	81	91	10	12.35%	
South Carolina	Long-Term Projections 2022 - 2032	48 - Transportation and Warehousing	83,196	107,240	24,044	28.90%	

# Data Hub - Staffing Patterns

- The staffing pattern divides each industry's employment into different occupations, forming a matrix





# Thank you



An Equal Opportunity Employer/Program. Auxiliary aids and services are available upon request to individuals with disabilities at ADA@dew.sc.gov.

For program funding details in compliance with the Stevens Amendment, please visit [www.dew.sc.gov/funding](http://www.dew.sc.gov/funding).

SOUTH CAROLINA DEPARTMENT OF  
**Employment and Workforce** 