



Occupation Report

Emergency Medical Services

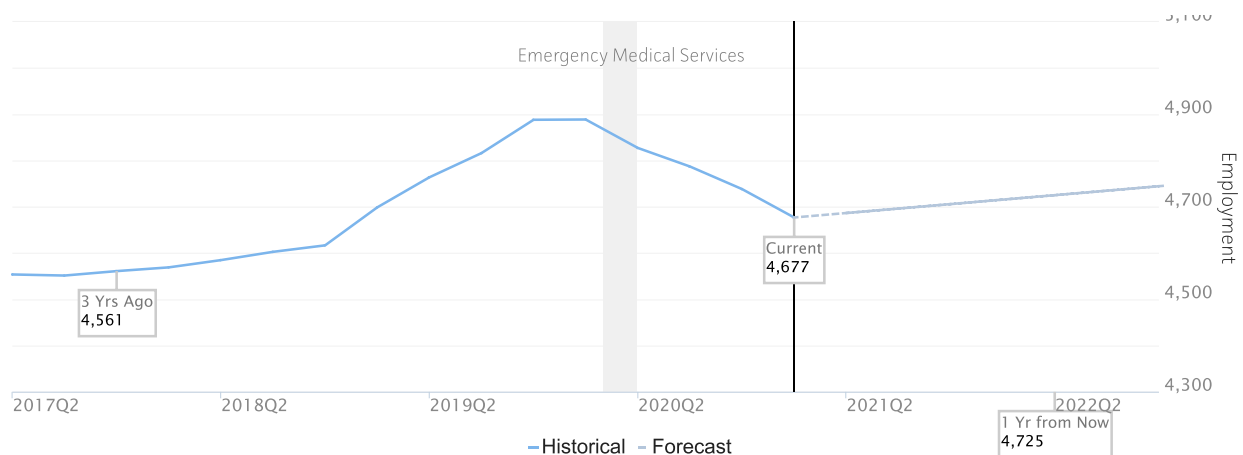
Florence, SC MSA



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Occupation Snapshot

6-Digit Occupation	Empl	Avg Mean Wages	LQ	3-Year Empl Change	Annual Demand	Forecast Ann Growth
Registered Nurses	2,398	\$64,500	1.33	52	143	0.5%
Medical Assistants	639	\$26,000	1.48	43	84	1.5%
Medical Secretaries and Administrative Assistants	486	\$31,300	1.34	12	58	0.6%
Medical and Health Services Managers	312	\$91,200	1.26	9	35	2.5%
Emergency Medical Technicians	205	\$32,900	1.86	2	15	0.4%
Medical and Clinical Laboratory Technologists	107	\$50,400	1.05	-7	7	0.4%
Medical and Clinical Laboratory Technicians	104	\$50,400	1.05	-4	7	0.4%
Physician Assistants	94	\$94,700	1.22	6	8	2.6%
Paramedics	81	\$32,900	1.94	2	6	0.4%
Diagnostic Medical Sonographers	47	\$69,900	1.05	0	3	1.4%
Remaining Component Occupations	203	\$34,700	1.59	-8	22	0.3%
Emergency Medical Services	4,677	\$54,400	1.33	108	388	0.8%



- “Annual Demand” is the projected need for new entrants into an occupation. New entrants are needed due to expected growth and to replace workers who left the occupation due to factors such as retirement or switching careers.
- “Forecast Ann Growth” is the expected change in jobs due to national, long-term trend projections (per the BLS) as well as local factors such as industry mix and population growth (as computed and modeled by Chmura).

Employment by Industry

Industry Title	% of Occ Empl	Empl	10-Year Separations	10-Year Empl Growth	10-Year Total Demand
General Medical and Surgical Hospitals	43.2%	2,022	1,308	67	1,375
Offices of Physicians	21.4%	1,001	963	121	1,084
Outpatient Care Centers	6.1%	286	245	81	326
Other Ambulatory Health Care Services	5.1%	239	186	12	198
Home Health Care Services	4.6%	217	145	50	195
Nursing Care Facilities (Skilled Nursing Facilities)	3.4%	160	100	-2	98
Executive, Legislative, and Other General Government Support	1.9%	90	71	4	76
Employment Services	1.4%	65	43	1	43
Offices of Other Health Practitioners	1.2%	56	60	6	66
Offices of Dentists	1.1%	49	55	2	57
Elementary and Secondary Schools	1.0%	46	25	-2	23
Medical and Diagnostic Laboratories	1.0%	45	33	6	39
Psychiatric and Substance Abuse Hospitals	0.9%	43	29	11	41
Agencies, Brokerages, and Other Insurance Related Activities	0.8%	39	27	9	35
Continuing Care Retirement Communities and Assisted Living Facilities for the Elderly	0.8%	39	32	11	44
Administration of Human Resource Programs	0.8%	38	26	-1	25
Other Professional, Scientific, and Technical Services	0.8%	36	31	5	36
Management of Companies and Enterprises	0.6%	27	22	3	25
Administration of Economic Program	0.5%	24	15	-1	14
All Others	3.2%	152	119	17	135

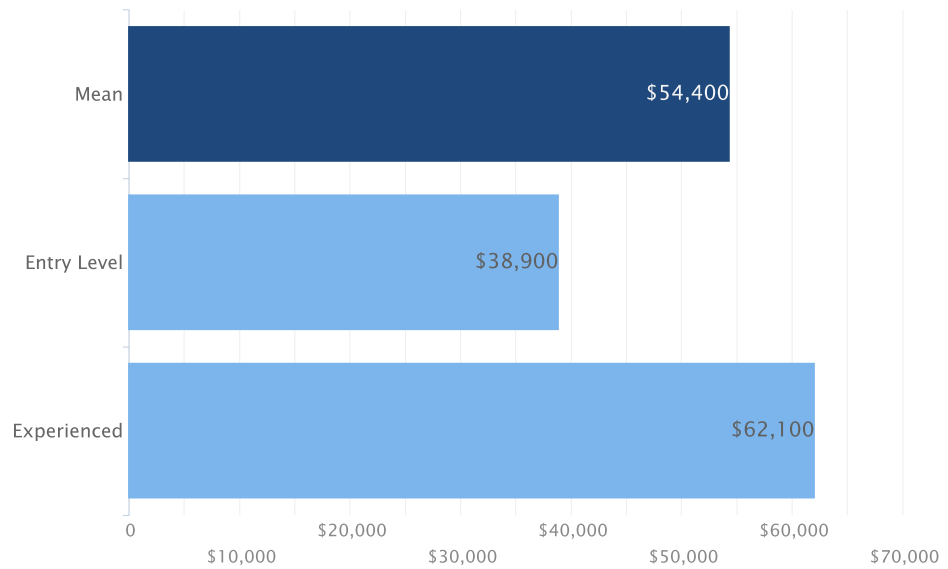


The industry distribution indicates the industries in which workers in the occupation(s) are primarily found.



“10-Year Empl Growth” may show industries with positive as well as negative growth; this would indicate that the occupation(s) being examined are expected to expand within some industries while contracting in others.

Wages

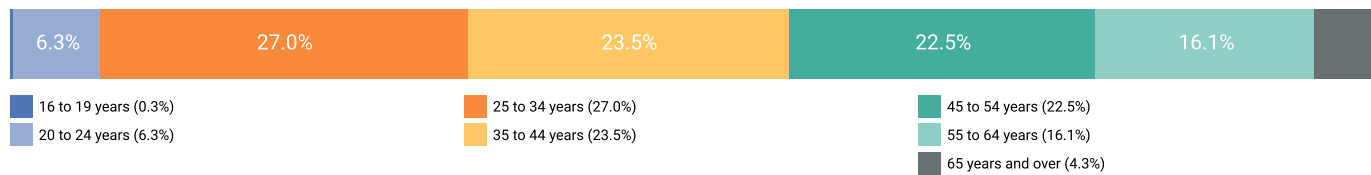


Occupation	Mean	Median	Entry Level	Experienced
Emergency Medical Services	\$54,400	\$54,100	\$38,900	\$62,100

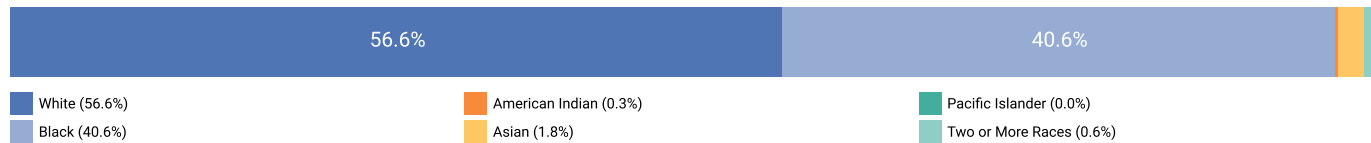
- Occupation wages here are based on data from the Bureau of Labor Statistics, OES program, and imputed by Chmura where necessary.
- When this report is run for an occupation group, the table above displays up to the top ten detailed occupations which have the highest average wages within the occupation group.

Occupation Demographics

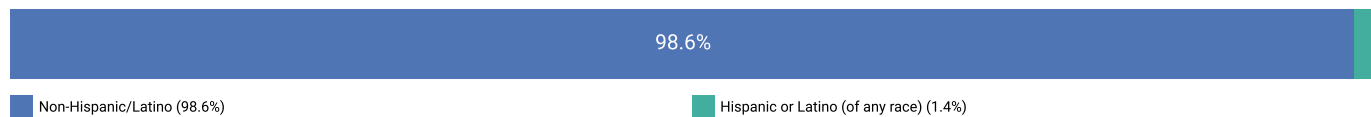
Age



Race



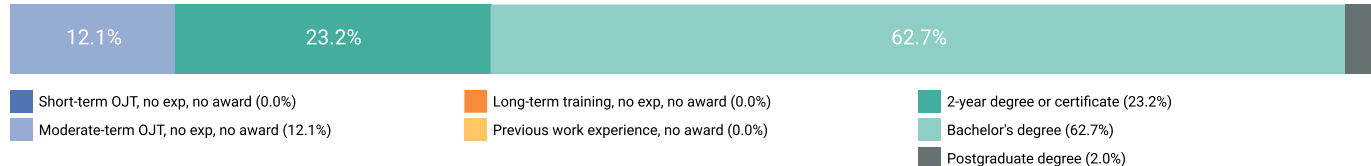
Ethnicity



Gender

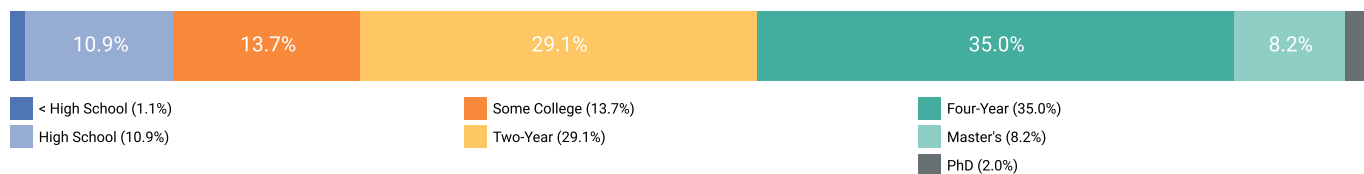


Education and Training Requirements



Education Profile

Educational Attainment



Occupation	Typical Entry-Level Education	Previous Work Experience	Typical On-the-Job Training
Registered Nurses	Bachelor's degree	None	None
Medical Assistants	Postsecondary non-degree award	None	None
Medical Secretaries and Administrative Assistants	High school diploma or equivalent	None	Moderate-term on-the-job training
Medical and Health Services Managers	Bachelor's degree	Less than 5 years	None
Emergency Medical Technicians	Postsecondary non-degree award	None	None
Medical and Clinical Laboratory Technologists	Bachelor's degree	None	None
Medical and Clinical Laboratory Technicians	Bachelor's degree	None	None
Physician Assistants	Master's degree	None	None
Paramedics	Postsecondary non-degree award	Less than 5 years	None
Diagnostic Medical Sonographers	Associate's degree	None	None

💡 The stacked bar chart here illustrates the estimated mix of educational attainment of the workers in this occupation(s) in aggregate.

💡 The table indicates typical education and training requirements rather than the mix of attainment of workers in such positions.

Postsecondary Programs Linked to Emergency Medical Services

Program	Awards
Coker University	
Clinical Laboratory Science/Medical Technology/Technologist	0
Florence-Darlington Technical College	
Clinical/Medical Laboratory Technician	16
Medical/Clinical Assistant	10
Registered Nursing/Registered Nurse	52
Francis Marion University	
Family Practice Nurse/Nursing	35
Geriatric Nurse/Nursing	0
Health/Health Care Administration/Management	65
Nursing Practice	7
Physician Assistant	32
Registered Nursing/Registered Nurse	68

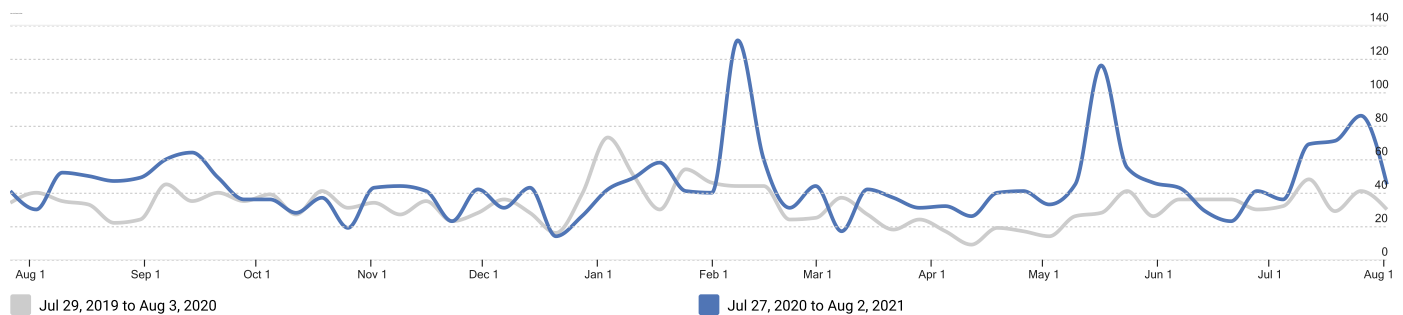


The number of graduates from postsecondary programs in the region identifies the pipeline of future workers as well as the training capacity to support industry demand.



Among postsecondary programs at schools located in the Florence, SC MSA, the sampling above identifies those most linked to Remote Jobs. For a complete list see JobsEQ®, <http://www.chmuraecon.com/jobseq>

RTI (Job Postings)

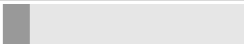
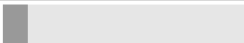
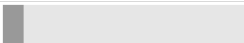
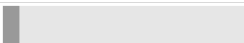
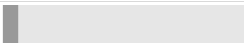
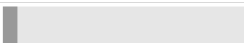
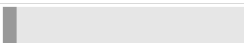
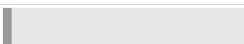
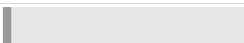


💡 Online job ads are a timely indicator of local demand. Occupation assignments shown below are made by Chmura based upon analysis of job titles and job descriptions. Top employers and listed job requirements are shown on the following pages.

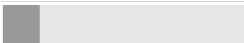
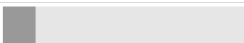
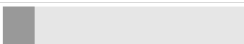
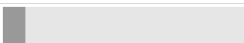
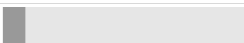
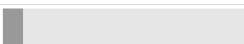
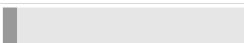
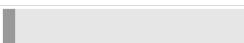
Occupations

SOC	Occupation	Total Ads	
29- 1141.00	Registered Nurses	1,348	
43- 6013.00	Medical Secretaries and Administrative Assistants	342	
11- 9111.00	Medical and Health Services Managers	244	
31- 9092.00	Medical Assistants	168	
29- 1141.03	Critical Care Nurses	142	
29- 2032.00	Diagnostic Medical Sonographers	86	
29- 2012.00	Medical and Clinical Laboratory Technicians	68	
29- 1071.00	Physician Assistants	42	
29- 2042.00	Emergency Medical Technicians	36	
29- 2011.00	Medical and Clinical Laboratory Technologists	30	

Locations

Location	Total Ads	
Florence, South Carolina	1,226	
Florence, SC 29501	136	
Florence, South Carolina 29506	126	
Florence, SC 29505	105	
Florence, South Carolina 29501	84	
201 S 5TH ST, Hartsville, SC, USA, 29550	78	
Florence, SC 29506	74	
Florence, SC, 29501	70	
Hartsville, South Carolina	45	
Darlington, South Carolina	43	

Employers

Employer Name	Total Ads	
McLeod Health	528	
Medical University of South Carolina	252	
CARE SOUTH CAROLINA INC	80	
Soliant Health	71	
State of South Carolina	69	
Not Available	49	
Vivian Health	49	
NurseFly Travel Nursing	44	
Regency Hospital - Florence	31	
Amedisys, Inc	27	

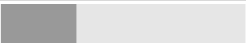
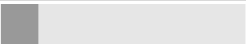
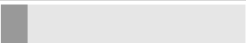
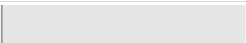
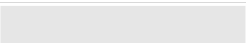
Hard Skills

Skill Name	Total Ads	
Health/Wellness	218	
Ability to Lift 21-30 lbs.	206	
Ability to Lift 31-40 lbs.	180	
Ability to Lift 41-50 lbs.	174	
Nursing	172	
Microsoft Office	145	
Medical Terminology	115	
Intensive Care Unit (ICU)	113	
Microsoft Excel	108	
Patient Care	85	

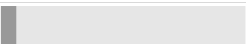
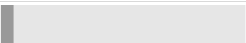
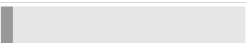
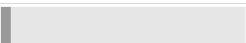
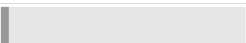
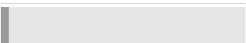
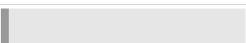
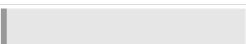
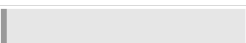
Job Titles

Job Title	Total Ads	
Registered Nurse	72	
ICU RN	18	
Registered Nurse (RN)	18	
Registered Nurse (RN) - Med Surg - Direct Hire - Days or Nights	14	
RN	13	
Medical Surgical - RN	12	
Med Surg RN	10	
Medical-Surgical Registered Nurse	8	
RN - Med/Surg	8	
Intensive Care Unit Registered Nurse - Registered Nurse	7	

Education Levels

Minimum Education Level	Total Ads	
High school diploma or equivalent	506	
Bachelor's degree	252	
Associate's degree	180	
Master's degree	14	
Doctoral or professional degree	2	
Unspecified/other	1,636	

Programs

Program Name	Total Ads	
Nursing	360	
Medical Assistant	23	
Healthcare Administration	19	
Business	18	
Business Administration	15	
Healthcare	12	
Medical Technology	12	
Public Health	12	
Biology	9	
Paramedic	9	

Top Skill and Certification Gaps

Top 10 Skill Gaps in Florence, SC MSA

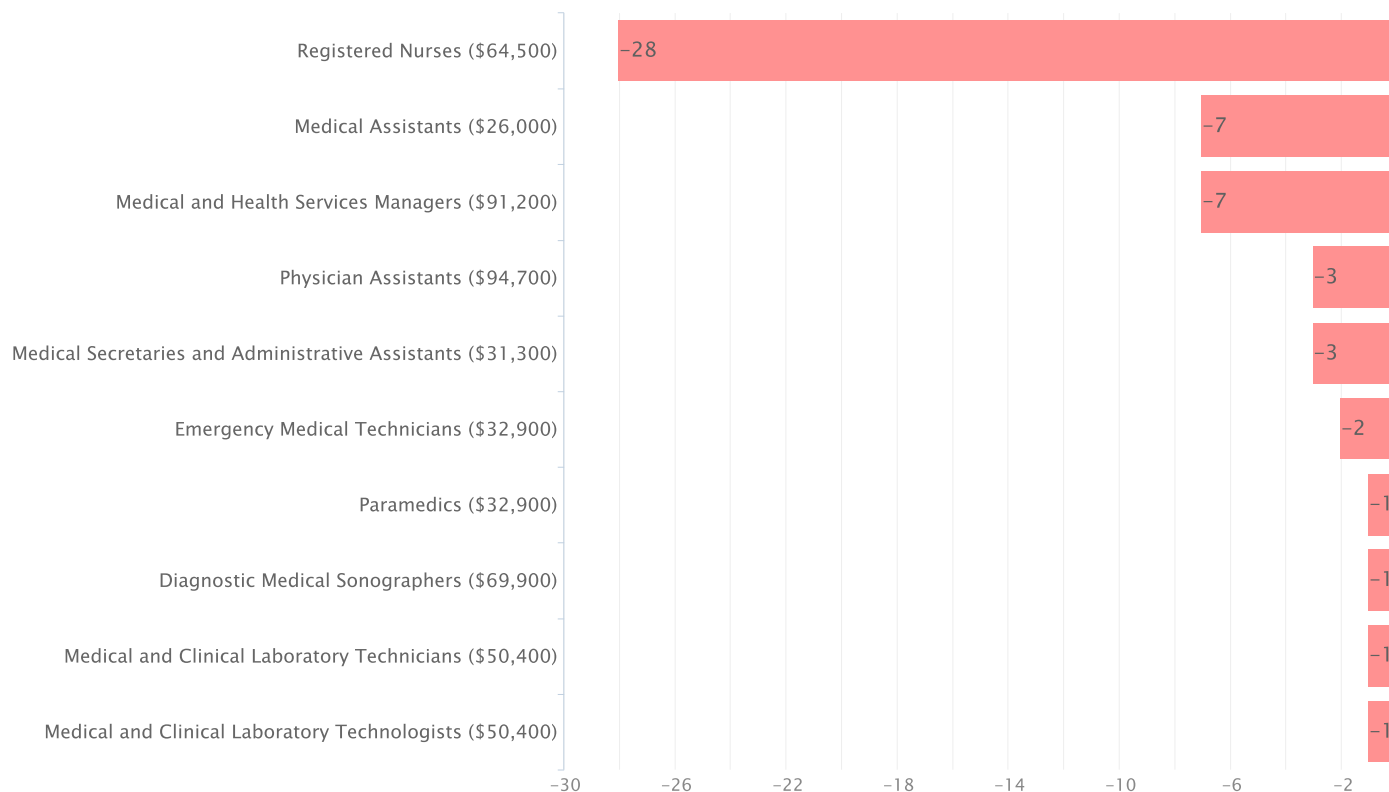
Name	Candidates	Openings	Gap
Intensive Care Unit (ICU)	8	12	-4
Talent Management	0	2	-2
Triage	1	3	-2
IBM Lotus Notes	0	2	-2
Retail Management	0	1	-1
Scheduling Software	1	2	-1
Practice Management Software (PMS)	0	1	-1
Data Entry	5	6	-1
Epic Systems	2	3	-1
Dental Software	0	1	-1

Top 10 Certification Gaps in Florence, SC MSA

Name	Candidates	Openings	Gap
Medical Assistant Certification (MA)	20	32	-12
Certification in Cardiopulmonary Resuscitation (CPR)	24	28	-4
Emergency Medical Technician - Paramedic (EMT-P)	1	3	-2
Licensed Practical Nurse (LPN)	5	7	-2
Certified Six Sigma Yellow Belt	0	2	-2
Progressive Care Nursing (Adult) (PCCN)	0	1	-1
Emergency Medical Technician (EMT)	6	7	-1
Certified Hospice and Palliative Nurse (CHPN)	0	1	-1
Certified Rehabilitation Registered Nurse (CRRN)	0	1	-1
Certified Revenue Cycle Representative Program (CRCR)	0	1	-1

 Skill and certifications gaps can help inform employee development programs, as well as provide a comparison of the needs of regional employers to the supply.

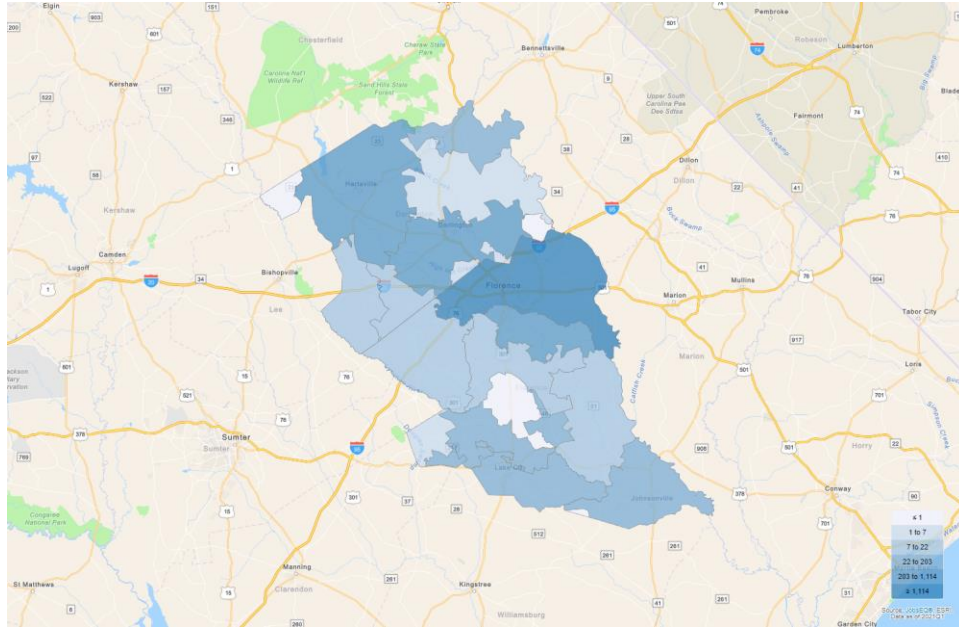
Occupation Gaps



💡 The above are the potential average annual gaps over 10 years. Many variables go into this analysis, but at its core it is based on a forecast comparing occupation demand growth to the local population growth and the projected educational attainment of those residents. When an area, for example, has an occupation expected to grow quickly but the educational requirement for the occupation does not match well with the educational attainment of its residents, there is a high potential for an occupation shortfall in the region. Alternatively, slow-growing or contracting occupations often represent potential supply surpluses.

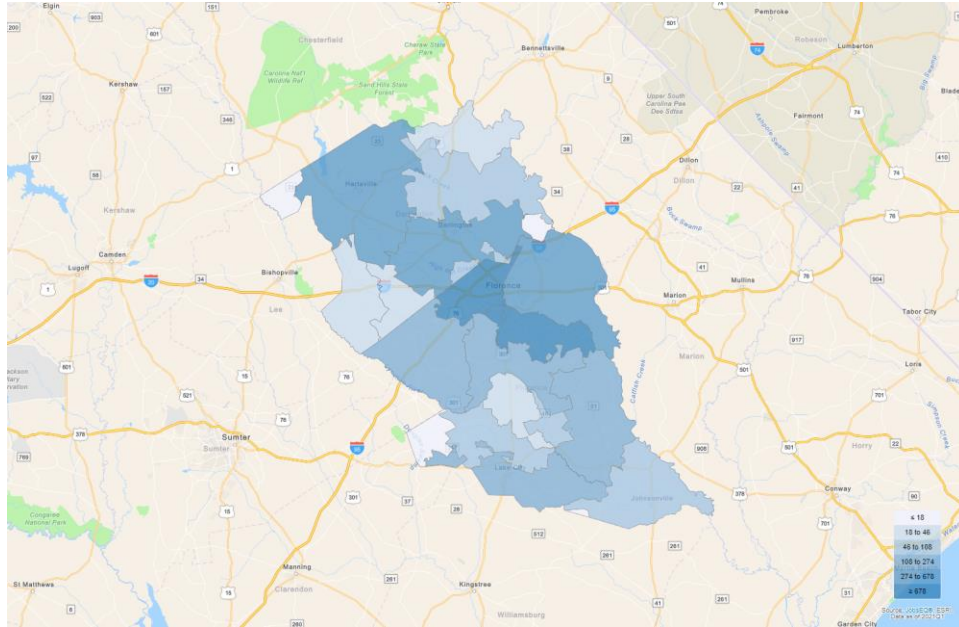
💡 The potential supply shortfall is an underlying force that the market needs to resolve one way or another, such as by employers recruiting from further distances for these occupations, wages going up to attract more candidates, and/or increased demand and wages enticing more local residents to get training for these occupations. While this an important analysis for determining local occupation needs, the occupation gap should be considered along with other regional data including growth and separation forecasts, unemployment rates, wage trends, and award and skill gap analyses.

Geographic Distribution



Top ZCTAs by Place of Work for Emergency Medical Services, 2021Q1

Region	Employment
ZCTA 29506 (Florence County, SC portion)	2,240
ZCTA 29501 (Florence County, SC portion)	1,114
ZCTA 29550 (Darlington County, SC portion)	437
ZCTA 29505	400
ZCTA 29532 (Darlington County, SC portion)	203
ZCTA 29560 (Florence County, SC portion)	107
ZCTA 29593 (Darlington County, SC portion)	49
ZCTA 29555 (Florence County, SC portion)	37
ZCTA 29591	23
ZCTA 29161 (Florence County, SC portion)	21

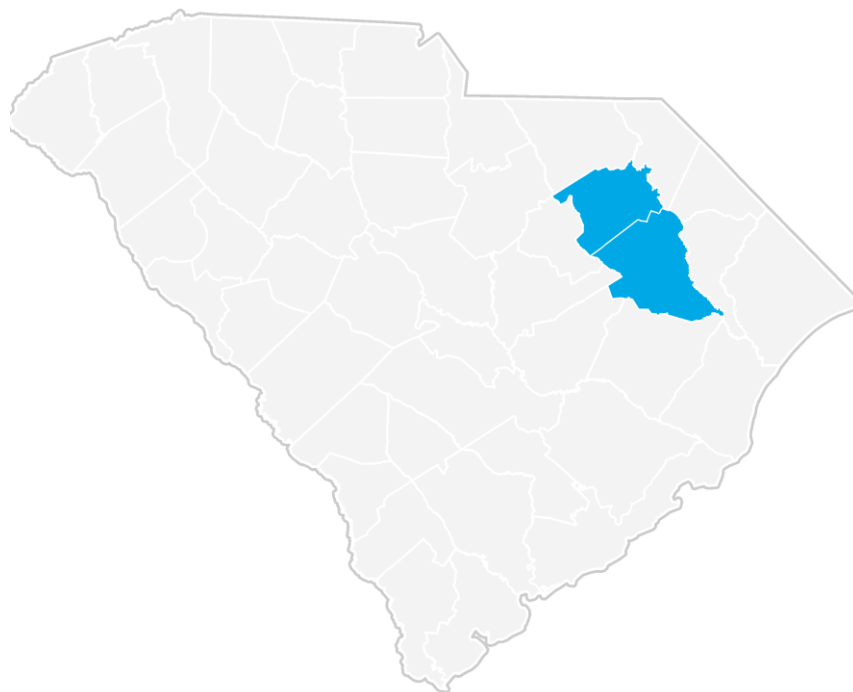


Top ZCTAs by Place of Residence for Emergency Medical Services, 2021Q1

Region	Employment
ZCTA 29501 (Florence County, SC portion)	1,213
ZCTA 29505	678
ZCTA 29550 (Darlington County, SC portion)	515
ZCTA 29506 (Florence County, SC portion)	502
ZCTA 29532 (Darlington County, SC portion)	274
ZCTA 29541	192
ZCTA 29560 (Florence County, SC portion)	178
ZCTA 29161 (Florence County, SC portion)	128
ZCTA 29583	109
ZCTA 29555 (Florence County, SC portion)	93

💡 “Place of work” employment is based upon the location of employers for these workers. “Place of residence” data refers to the home locations of the workforce, which is typically the preferred data set to use when calculating labor availability within a drive-time or radius of a potential worksite.

Florence, SC MSA Regional Map



Region Definition

Florence, SC MSA is defined as the following counties:

Darlington County, South Carolina

Florence County, South Carolina

Data Notes

- Occupation employment by default indicates employment by place of work. Occupation employment is as of 2021Q1 and is based on industry employment and local staffing patterns calculated by Chmura and utilizing BLS OES data. Employment forecasts are modeled by Chmura and are consistent with BLS national-level 10-year forecasts. Occupation wages (mean, median, and percentiles) are derived from BLS OES data and are as of 2020 and represent the average for all Covered Employment. Entry-level and experienced wages are derived from these source data, computed by Chmura.
- Industry employment is as of 2021Q1 and is based upon BLS QCEW data, imputed by Chmura where necessary, and supplemented by additional sources including Census ZBP data.
- Education and training requirements are from the BLS. Educational attainment mix and other occupation demographics data are modeled by Chmura for 2021Q1 using regional occupation employment from JobsEQ, ZCTA-level demographics data from the Census Bureau, and national occupation-demographics patterns from the BLS.
- Postsecondary awards are per the NCES and are for the 2018-2019 academic year. Any programs shown are linked with the occupation(s) being analyzed via the program-occupation crosswalk, which may not be comprehensive. Any programs shown reflect only data reported to the NCES; reporting is required of all Title IV schools. Training providers that do not report data to the NCES are not reflected.
- Job ads data are online job posts from the Real-Time Intelligence (RTI) data set, produced wholly by Chmura and gleaned from over 40,000 websites. Data reflect ads active during the last twelve month period ending 08/12/2021 and advertised for any Zip Code Tabulation Area in or intersecting with the region for which this report was produced. Historical ad volume is revised as additional data are made available and processed. Since many extraneous factors can affect short-term volume of online job postings, time-series data can be volatile and should be used with caution. All ad counts represent deduplicated figures.
- For skill and certification gaps, openings and candidates are based upon regional occupation demand (growth plus separations) and the percent of skill demand and supply. Skill demand mix data are per a one-year sample of RTI data; skill supply data are estimated using a five-year sample of resumes data; both data sets compiled as of January 2021. Data may be based, at least in part, on data from broader geographies; see the Skill Gaps analytic export for more details.
- Occupation gaps are modeled by Chmura, indicating long-term potential supply and demand mismatches in a region due, in part, to job demand and labor pool dynamics, including educational attainment and projected growth.
- Occupation employment by place of residence is as of 2021Q1 and modeled by Chmura based upon occupation employment by place of work and commuting patterns. Commuting patterns are derived from source data from the Census Bureau, occupation-specific commuting tendencies, and updated to reflect more recent population and employment estimates.
- Figures may not sum due to rounding.

FAQ

What is (LQ) location quotient?

Location quotient is a measurement of concentration in comparison to the nation. An LQ of 1.00 indicates a region has the same concentration of an industry (or occupation) as the nation. An LQ of 2.00 would mean the region has twice the expected employment compared to the nation and an LQ of 0.50 would mean the region has half the expected employment in comparison to the nation.

What is annual demand?

Annual demand is a of the sum of the annual projected growth demand and separation demand. Separation demand is the number of jobs required due to separations—labor force exits (including retirements) and turnover resulting from workers moving from one occupation into another. Note that separation demand does not include all turnover—it does not include when workers stay in the same occupation but switch employers. Growth demand is the increase or decrease of jobs expected due to expansion or contraction of the overall number of jobs.