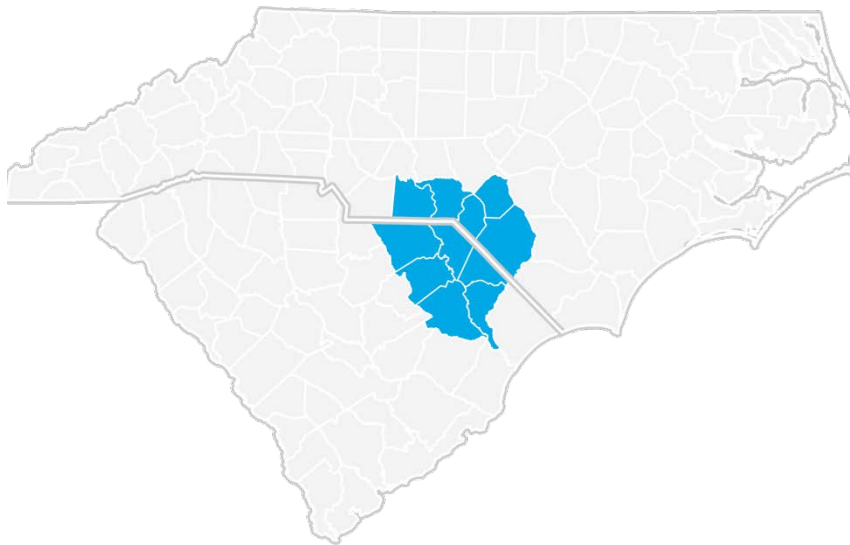


June 29, 2016



Economic Overview

Marlboro County Labor Shed



DEMOGRAPHIC PROFILE.....	3
EMPLOYMENT TRENDS.....	5
UNEMPLOYMENT RATE	5
WAGE TRENDS	6
COST OF LIVING INDEX	6
INDUSTRY SNAPSHOT.....	7
OCCUPATION SNAPSHOT	9
INDUSTRY CLUSTERS	11
EDUCATION LEVELS	11
REGION DEFINITION	12
FAQ	13

Demographic Profile

In 2014, the population in the Marlboro County Labor Shed was 636,513. Between 2004 and 2014, the region's population grew at an annual average rate of 0.4%.

The region has a civilian labor force of 273,466 with a participation rate of 54.9%. Of individuals 25 to 64 in the Marlboro County Labor Shed, 15.8% have a bachelor's degree or higher which compares with 30.9% in the nation.

The median household income in the Marlboro County Labor Shed is \$34,992 and the median house value is \$89,170.

Demographic Profile ¹						
	Percent			Value		
	Marlboro County Labor Shed	South Carolina	USA	Marlboro County Labor Shed	South Carolina	USA
Demographics						
Population ²	—	—	—	636,513	4,896,146	321,418,820
Population Annual Average Growth ²	0.4%	1.4%	0.8%	2,211	62,600	2,590,222
Median Age ³	—	—	—	37.1	37.9	37.2
Under 18 Years	25.3%	23.4%	24.0%	161,414	1,080,474	74,181,467
18 to 24 Years	9.5%	10.3%	9.9%	60,475	476,445	30,672,088
25 to 34 Years	12.6%	12.8%	13.3%	80,578	592,056	41,063,948
35 to 44 Years	13.1%	13.0%	13.3%	83,203	601,292	41,070,606
45 to 54 Years	14.1%	14.3%	14.6%	90,005	659,428	45,006,716
55 to 64 Years	12.6%	12.6%	11.8%	80,582	583,795	36,482,729
65 to 74 Years	7.4%	8.0%	7.0%	47,322	369,043	21,713,429
75 Years, and Over	5.3%	5.7%	6.0%	33,642	262,831	18,554,555
Race: White	47.3%	66.2%	72.4%	301,404	3,060,000	223,553,265
Race: Black or African American	37.3%	27.9%	12.6%	237,974	1,290,684	38,929,319
Race: American Indian and Alaska Native	10.1%	0.4%	0.9%	64,423	19,524	2,932,248
Race: Asian	0.8%	1.3%	4.8%	4,847	59,051	14,674,252
Race: Native Hawaiian and Other Pacific Islander	0.0%	0.1%	0.2%	298	2,706	540,013
Race: Some Other Race	2.5%	2.5%	6.2%	16,157	113,464	19,107,368
Race: Two or More Races	1.9%	1.7%	2.9%	12,118	79,935	9,009,073
Hispanic or Latino (of any race)	4.6%	5.1%	16.3%	29,322	235,682	50,477,594
Economic						
Labor Force Participation Rate and Size (civilian population 16 years and over) ⁴	54.9%	60.3%	63.5%	273,466	2,274,142	157,940,014
Armed Forces Labor Force ⁴	0.8%	0.9%	0.4%	3,834	32,242	1,025,497
Veterans, Age 18-64 ⁴	7.0%	7.8%	5.8%	27,319	227,250	11,371,344
Median Household Income ^{3,4}	—	—	—	\$34,992	\$45,033	\$53,482
Poverty Level (of all people) ⁴	26.5%	18.3%	15.6%	163,839	840,141	47,755,606
Mean Commute Time (minutes) ⁴	—	—	—	23.4	23.8	25.7

Demographic Profile ¹						
	Percent			Value		
	Marlboro County Labor Shed	South Carolina	USA	Marlboro County Labor Shed	South Carolina	USA
Commute via Public Transportation ⁴	0.3%	0.6%	5.1%	757	12,322	7,157,671
Union Membership ⁵	3.3%	3.0%	11.1%	—	—	—
Educational Attainment, Age 25-64						
No High School Diploma ⁴	18.3%	12.7%	12.0%	60,535	313,755	19,939,890
High School Graduate ⁴	35.5%	29.4%	26.5%	117,779	725,269	44,000,387
Some College, No Degree ⁴	21.5%	22.1%	21.9%	71,392	544,248	36,270,359
Associate's Degree ⁴	8.9%	9.6%	8.7%	29,615	237,674	14,487,486
Bachelor's Degree ⁴	10.6%	17.1%	19.7%	35,266	422,614	32,646,533
Postgraduate Degree ⁴	5.1%	9.1%	11.2%	17,060	224,084	18,533,513
Housing						
Total Housing Units ⁴	—	—	—	270,357	2,160,383	132,741,033
Median House Value (of owner-occupied units) ^{3,4}	—	—	—	\$89,170	\$137,600	\$175,700
Homeowner Vacancy ⁴	2.4%	2.5%	2.1%	3,775	31,278	1,591,421
Rental Vacancy ⁴	7.6%	11.7%	6.9%	6,471	75,619	3,105,361
Renter-Occupied Housing Units (% of Occupied Units) ⁴	33.8%	31.4%	35.6%	78,383	563,561	41,423,632
Occupied Housing Units with No Vehicle Available (% of Occupied Units) ⁴	10.0%	7.0%	9.1%	23,134	126,514	10,594,153
Social						
Enrolled in Grade 12 (% of total population) ⁴	1.5%	1.4%	1.4%	9,727	64,935	4,443,768
Disabled, Age 18-64 ⁴	16.7%	12.5%	10.2%	63,149	359,015	19,703,061
Foreign Born ⁴	3.4%	4.8%	13.1%	21,470	226,453	41,056,885
Speak English Less Than Very Well (population 5 yrs and over) ⁴	2.5%	2.9%	8.6%	15,013	127,613	25,305,202

Source: [JobsEQ®](#)

1. Census 2010, unless noted otherwise

2. Census 2015, annual average growth rate since 2005

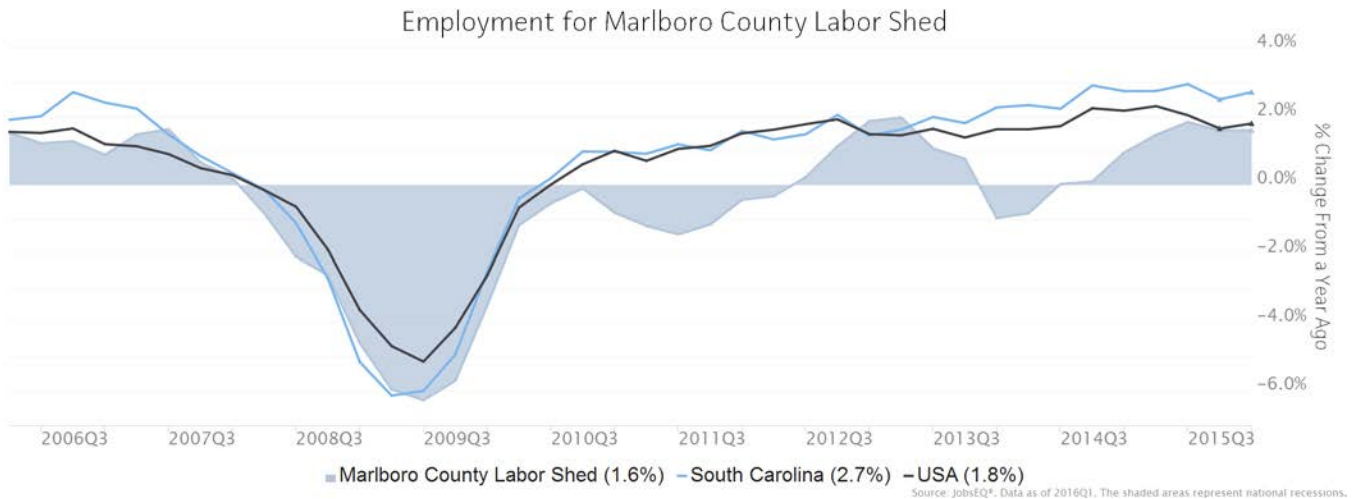
3. Median values for certain aggregate regions (such as MSAs) may be estimated as the weighted averages of the median values from the composing counties.

4. ACS 2010-2014

5. 2014; Current Population Survey, unionstats.com, and Chmura; county- and zip-level data are best estimates based upon industry-, MSA-, and state-level data

Employment Trends

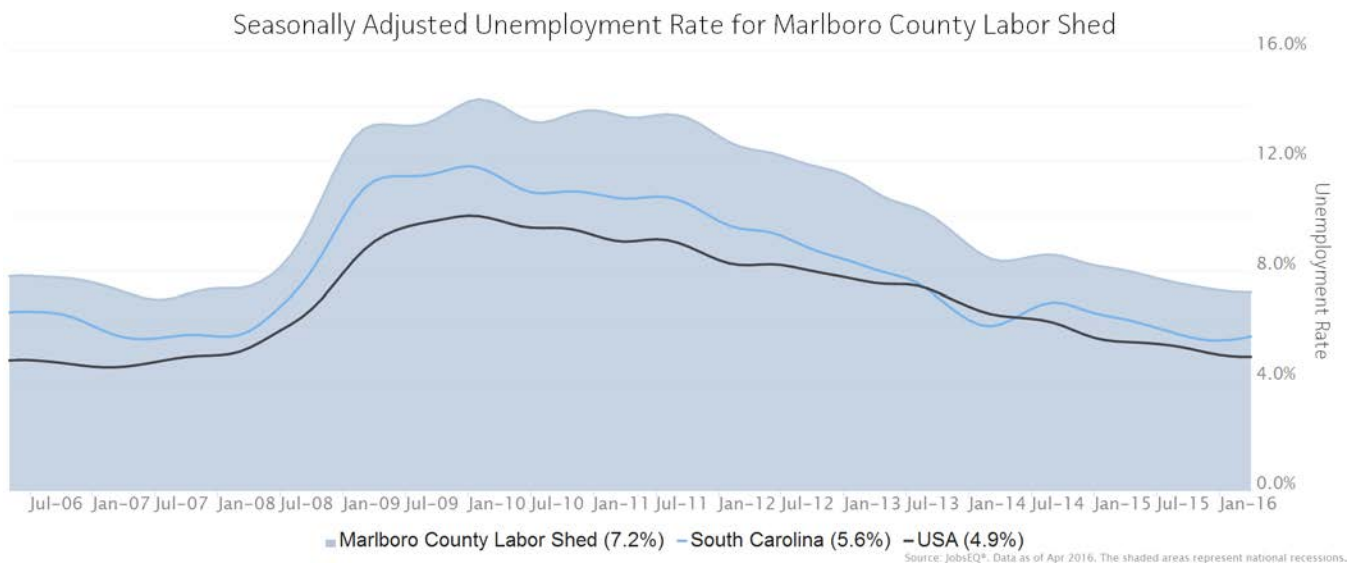
As of 2016Q1, total employment for the Marlboro County Labor Shed was 217,051 (based on a four-quarter moving average). Over the year ending 2016Q1, employment increased 1.6% in the region.



Employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and imputed where necessary. Data are updated through 2015Q3 with preliminary estimates updated to 2016Q1.

Unemployment Rate

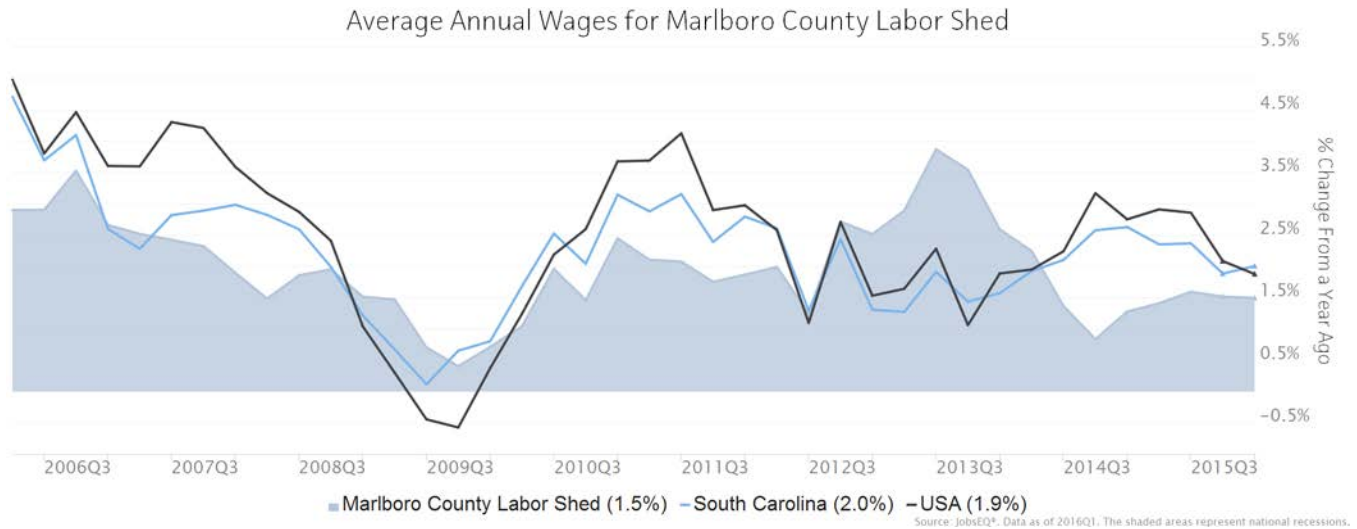
The seasonally adjusted unemployment rate for the Marlboro County Labor Shed was 7.2% as of April 2016. The regional unemployment rate was higher than the national rate of 4.9%. One year earlier, in April 2015, the unemployment rate in the Marlboro County Labor Shed was 8.0%.



Unemployment rate data are from the Local Area Unemployment Statistics, provided by the Bureau of Labor Statistics and updated through April 2016.

Wage Trends

The average worker in the Marlboro County Labor Shed earned annual wages of \$35,171 as of 2016Q1. Average annual wages per worker increased 1.5% in the region during the preceding four quarters. For comparison purposes, annual average wages were \$51,614 in the nation as of 2016Q1.



Annual average wages per worker data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and imputed where necessary. Data are updated through 2015Q3 with preliminary estimates updated to 2016Q1.

Cost of Living Index

The Cost of Living Index estimates the relative price levels for consumer goods and services. When applied to wages and salaries, the result is a measure of relative purchasing power. The cost of living is 14.1% lower in Marlboro County Labor Shed than the U.S. average.

Cost of Living Information			
	Annual Average Salary	Cost of Living Index (Base US)	US Purchasing Power
Marlboro County Labor Shed	\$35,488	85.9	\$41,322
South Carolina	\$41,689	94.5	\$44,117
USA	\$52,595	100.0	\$52,595

Source: [JobsEQ®](http://www.chmuraecon.com/jobseq)

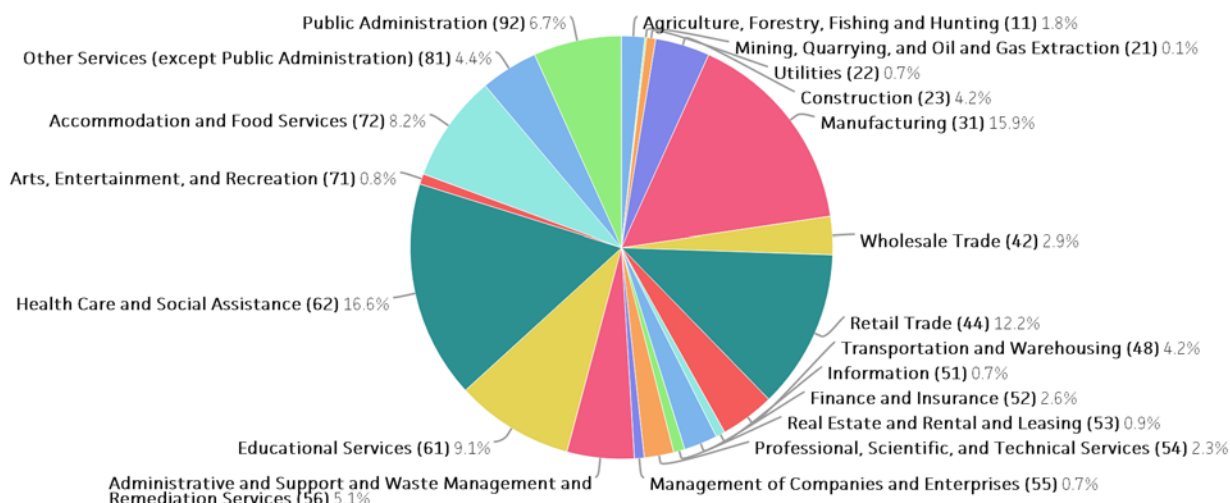
Data as of 2016Q1

The Cost of Living Index is developed by Chmura Economics & Analytics and is updated quarterly.

Industry Snapshot

The largest sector in the Marlboro County Labor Shed is Health Care and Social Assistance, employing 36,078 workers. The next-largest sectors in the region are Manufacturing (34,488 workers) and Retail Trade (26,468). High location quotients (LQs) indicate sectors in which a region has high concentrations of employment compared to the national average. The sectors with the largest LQs in the region are Manufacturing (LQ = 1.90), Public Administration (1.41), and Utilities (1.29).

Total Workers for Marlboro County Labor Shed by Industry



Source: JobsEQ®, Data as of 2016Q1

Employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and imputed where necessary. Data are updated through 2015Q3 with preliminary estimates updated to 2016Q1.

Sectors in the Marlboro County Labor Shed with the highest average wages per worker are Utilities (\$90,247), Mining, Quarrying, and Oil and Gas Extraction (\$60,274), and Professional, Scientific, and Technical Services (\$52,060). Regional sectors with the best job growth (or most moderate job losses) over the last 5 years are Administrative and Support and Waste Management and Remediation Services (+2,527 jobs), Accommodation and Food Services (+2,103), and Manufacturing (+1,365).

Over the next 10 years, employment in the Marlboro County Labor Shed is projected to expand by 2,659 jobs. The fastest growing sector in the region is expected to be Health Care and Social Assistance with a +1.4% year-over-year rate of growth. The strongest forecast by number of jobs over this period is expected for Health Care and Social Assistance (+5,447 jobs), Construction (+802), and Retail Trade (+771).

		Current			Historical				Forecast		
		Four Quarters Ending with 2016q1			Total Change over the Last 5 Years	Average Annual % Change in Employment 2011q1-2016q1			Over the Next 10 Years		
NAICS	Industry	Empl	Avg. Annual Wages	Location Quotient	Empl	Marlboro County Labor Shed	South Carolina	USA	Total Approx Repl Demand	Total Growth Demand	Avg. Annual Growth Percent
11	Agriculture, Forestry, Fishing and Hunting	3,865	\$50,292	1.21	-125	-0.6%	-0.6%	1.0%	1,293	-368	-1.0%
21	Mining, Quarrying, and Oil and Gas Extraction	257	\$60,274	0.24	-71	-4.8%	0.2%	1.3%	60	-15	-0.6%
22	Utilities	1,520	\$90,247	1.29	195	2.8%	0.4%	0.1%	361	-211	-1.5%
23	Construction	9,070	\$34,079	0.77	-311	-0.7%	1.3%	2.4%	1,844	802	0.9%
31	Manufacturing	34,488	\$47,302	1.90	1,365	0.8%	2.5%	1.3%	7,513	-4,197	-1.3%
42	Wholesale Trade	6,224	\$45,906	0.72	-24	-0.1%	2.0%	1.4%	1,369	21	0.0%
44	Retail Trade	26,468	\$23,840	1.12	567	0.4%	1.6%	1.5%	8,276	771	0.3%
48	Transportation and Warehousing	9,012	\$43,091	1.02	1,202	2.9%	4.5%	2.2%	2,286	-424	-0.5%
51	Information	1,572	\$46,734	0.36	-182	-2.2%	0.8%	0.4%	360	-153	-1.0%
52	Finance and Insurance	5,555	\$41,900	0.64	-917	-3.0%	0.3%	0.9%	1,322	162	0.3%
53	Real Estate and Rental and Leasing	1,852	\$35,693	0.51	127	1.4%	1.1%	1.4%	411	0	0.0%
54	Professional, Scientific, and Technical Services	4,910	\$52,060	0.35	-99	-0.4%	2.9%	2.5%	1,031	242	0.5%
55	Management of Companies and Enterprises	1,624	\$46,225	0.51	-80	-1.0%	3.3%	3.5%	343	1	0.0%
56	Administrative and Support and Waste Management and Remediation Services	11,173	\$24,334	0.80	2,527	5.3%	3.6%	2.9%	2,558	635	0.6%
61	Educational Services	19,648	\$35,797	1.09	-2,322	-2.2%	1.2%	0.4%	4,086	-18	0.0%
62	Health Care and Social Assistance	36,078	\$37,830	1.18	1,118	0.6%	2.2%	2.3%	7,366	5,447	1.4%
71	Arts, Entertainment, and Recreation	1,721	\$16,199	0.41	-243	-2.6%	1.9%	1.9%	530	61	0.3%
72	Accommodation and Food Services	17,822	\$13,797	0.93	2,103	2.5%	2.9%	3.0%	6,247	249	0.1%
81	Other Services (except Public Administration)	9,578	\$20,438	0.99	117	0.2%	0.8%	-0.1%	2,399	72	0.1%
92	Public Administration	14,613	\$36,369	1.41	-595	-0.8%	0.5%	-0.8%	3,476	-417	-0.3%
99	Unclassified	0	n/a	0.00	-4	n/a	n/a	12.0%	0	0	
	Total - All Industries	217,051	\$35,171	1.00	4,346	0.4%	2.0%	1.6%	52,865	2,659	0.1%

Source: [JobsEQ®](#)

Employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and imputed where necessary. Data are updated through 2015Q3 with preliminary estimates updated to 2016Q1. Forecast employment growth uses national projections adapted for regional growth patterns.

Occupation Snapshot

The largest major occupation group in the Marlboro County Labor Shed is Office and Administrative Support Occupations, employing 29,347 workers. The next-largest occupation groups in the region are Production Occupations (23,939 workers) and Sales and Related Occupations (21,032). High location quotients (LQs) indicate occupation groups in which a region has high concentrations of employment compared to the national average. The major groups with the largest LQs in the region are Production Occupations (LQ = 1.77), Community and Social Service Occupations (1.21), and Protective Service Occupations (1.19).

Occupation groups in the Marlboro County Labor Shed with the highest average wages per worker are Management Occupations (\$90,500), Architecture and Engineering Occupations (\$72,900), and Legal Occupations (\$70,500). The unemployment rate in the region varied among the major groups from 2.0% among Legal Occupations to 15.2% among Farming, Fishing, and Forestry Occupations.

Over the next 10 years, the fastest growing occupation group in the Marlboro County Labor Shed is expected to be Healthcare Support Occupations with a +1.8% year-over-year rate of growth. The strongest forecast by number of jobs over this period is expected for Healthcare Practitioners and Technical Occupations (+1,637 jobs) and Healthcare Support Occupations (+1,462). Over the same period, the highest replacement demand (occupation demand due to retirements and workers moving from one occupation to another) is expected in Sales and Related Occupations (7,121 jobs) and Food Preparation and Serving Related Occupations (6,711).

Occupation Snapshot in Marlboro County Labor Shed														
		Current					Historical					Forecast		
		Four Quarters Ending with 2016q1			2016q1		Total Change over the Last 5 Years	Avg Ann % Chg in Empl 2011q1-2016q1				Over the Next 10 Years		
SOC	Title	Empl	Avg. Annual Wages ¹	LQ	Unempl	Unempl Rate	Empl	Marlboro County Labor Shed	South Carolina	USA	Current Online Job Ads ²	Total Repl Demand	Total Growth Demand	Avg. Annual Growth Percent
11-0000	Management Occupations	11,646	\$90,500	0.89	318	2.6%	-25	0.0%	1.4%	1.4%	145	3,987	-133	-0.1%
13-0000	Business and Financial Operations Occupations	7,356	\$56,800	0.69	396	4.9%	-414	-1.1%	1.7%	1.5%	49	1,685	225	0.3%
15-0000	Computer and Mathematical Occupations	2,719	\$64,700	0.46	130	4.2%	38	0.3%	3.1%	2.7%	9	410	140	0.5%
17-0000	Architecture and Engineering Occupations	2,424	\$72,900	0.66	149	5.5%	157	1.3%	2.5%	1.3%	38	619	-115	-0.5%
19-0000	Life, Physical, and Social Science Occupations	1,271	\$59,800	0.73	57	4.2%	-69	-1.1%	1.1%	1.0%	4	399	23	0.2%
21-0000	Community and Social Service Occupations	4,172	\$37,500	1.21	151	3.6%	7	0.0%	1.4%	1.4%	28	918	262	0.6%
23-0000	Legal Occupations	1,093	\$70,500	0.64	23	2.0%	-67	-1.2%	0.4%	0.1%	9	214	25	0.2%
25-0000	Education, Training, and Library Occupations	14,250	\$38,800	1.15	380	2.7%	-1,574	-2.1%	1.1%	0.4%	91	3,053	168	0.1%
27-0000	Arts, Design,	2,249	\$38,800	0.60	115	4.7%	-66	-0.6%	1.2%	1.0%	30	780	-93	-0.4%

Occupation Snapshot in Marlboro County Labor Shed

		Current					Historical					Forecast		
		Four Quarters Ending with 2016q1			2016q1		Total Change over the Last 5 Years	Avg Ann % Chg in Empl 2011q1-2016q1				Over the Next 10 Years		
SOC	Title	Empl	Avg. Annual Wages ¹	LQ	Unempl	Unempl Rate	Empl	Marlboro County Labor Shed	South Carolina	USA	Current Online Job Ads ²	Total Repl Demand	Total Growth Demand	Avg. Annual Growth Percent
0000	Entertainment, Sports, and Media Occupations													
29-0000	Healthcare Practitioners and Technical Occupations	14,371	\$69,100	1.18	344	2.4%	476	0.7%	1.8%	1.4%	202	3,181	1,637	1.1%
31-0000	Healthcare Support Occupations	7,420	\$23,500	1.17	509	6.1%	-35	-0.1%	2.4%	2.2%	37	1,654	1,462	1.8%
33-0000	Protective Service Occupations	4,979	\$31,700	1.19	355	6.3%	232	1.0%	1.7%	0.6%	7	1,262	-32	-0.1%
35-0000	Food Preparation and Serving Related Occupations	17,999	\$18,600	0.97	2,694	11.3%	1,644	1.9%	2.8%	2.9%	87	6,711	360	0.2%
37-0000	Building and Grounds Cleaning and Maintenance Occupations	7,485	\$20,800	0.95	1,224	11.9%	126	0.3%	1.1%	1.0%	15	1,697	163	0.2%
39-0000	Personal Care and Service Occupations	8,445	\$21,200	0.98	625	6.4%	227	0.5%	1.8%	2.2%	30	2,234	1,045	1.2%
41-0000	Sales and Related Occupations	21,032	\$29,600	0.93	1,754	7.0%	537	0.5%	1.7%	1.4%	379	7,121	473	0.2%
43-0000	Office and Administrative Support Occupations	29,347	\$29,900	0.90	2,977	8.4%	475	0.3%	2.1%	1.6%	267	6,416	-616	-0.2%
45-0000	Farming, Fishing, and Forestry Occupations	1,587	\$25,400	1.13	326	15.2%	-54	-0.7%	-0.7%	1.4%	0	682	-156	-1.0%
47-0000	Construction and Extraction Occupations	7,895	\$32,900	0.82	1,394	13.0%	-169	-0.4%	1.1%	2.0%	18	1,491	531	0.7%
49-0000	Installation, Maintenance, and Repair Occupations	8,808	\$38,300	1.06	748	7.0%	279	0.6%	1.8%	1.7%	93	2,194	37	0.0%
51-0000	Production Occupations	23,939	\$32,000	1.77	2,563	9.2%	1,070	0.9%	2.6%	1.7%	59	6,367	-2,486	-1.1%
53-0000	Transportation and Material Moving Occupations	16,562	\$29,500	1.13	2,173	10.7%	1,554	2.0%	3.2%	2.2%	109	4,309	-214	-0.1%
00-0000	Total - All Occupations	217,051	\$37,400	1.00	n/a	n/a	4,346	0.4%	2.0%	1.6%	1706	57,385	2,706	0.1%

Source: [JobsEQ®](#)

Note: Figures may not sum due to rounding.

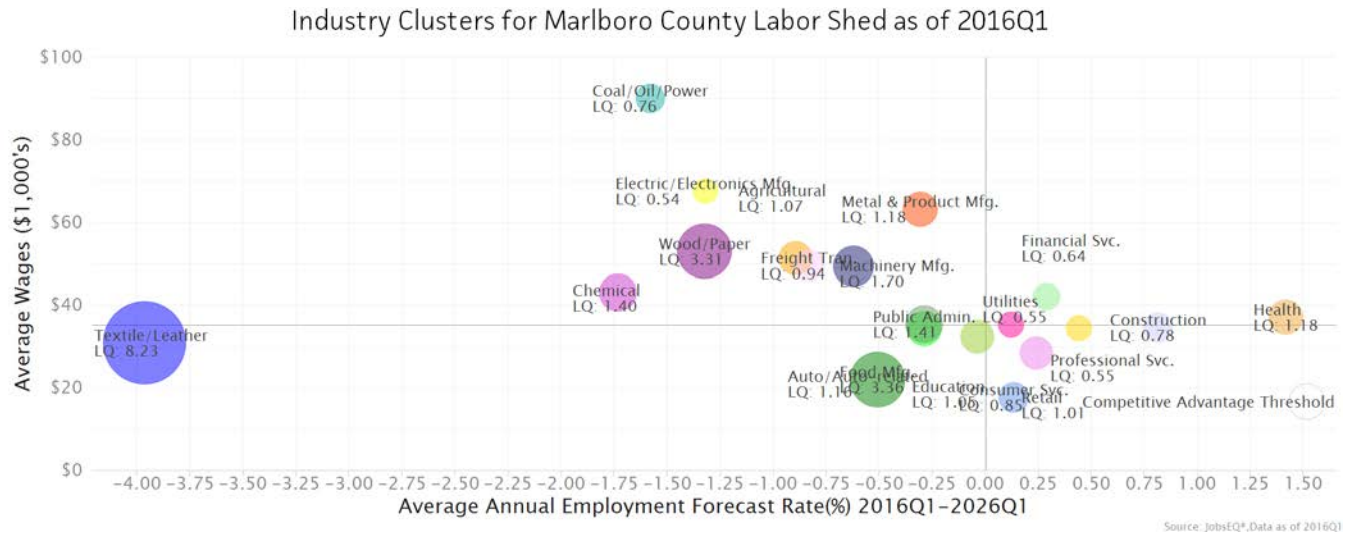
1. Occupation wages are as of 2014 and should be taken as the average for all Covered Employment

2. Data represent found online ads active within the last thirty days in any zip code intersecting or within the selected region; data represents a sampling rather than the complete universe of postings; the listing search uses keywords that are similar to but not the equivalent of the SOC occupation definitions.

Occupation employment data are estimated via industry employment data and the estimated industry/occupation mix. Industry employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and currently updated through 2015Q3, imputed where necessary with preliminary estimates updated to 2016Q1. Wages by occupation are as of 2014 provided by the BLS and imputed where necessary. Forecast employment growth uses national projections from the Bureau of Labor Statistics adapted for regional growth patterns.

Industry Clusters

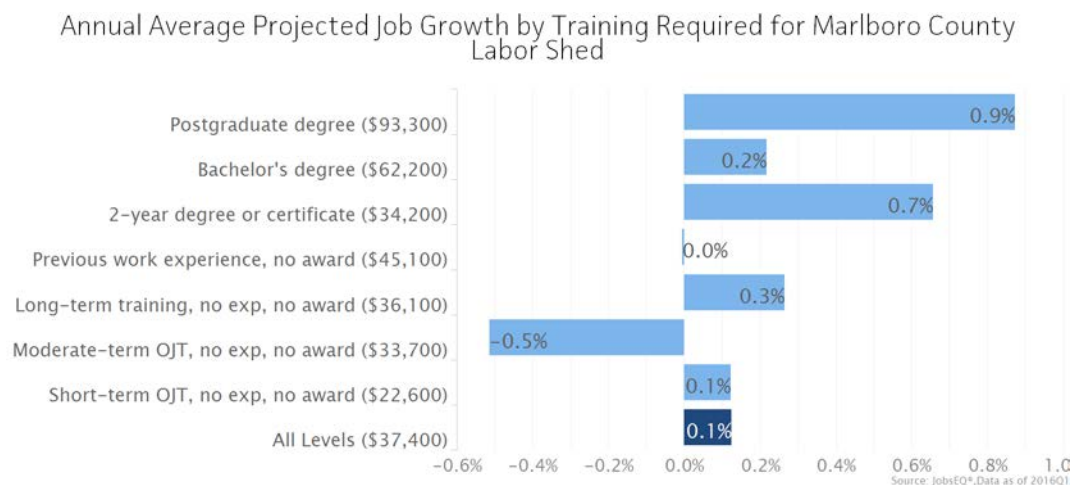
A cluster is a geographic concentration of interrelated industries or occupations. The industry cluster in the Marlboro County Labor Shed with the highest relative concentration is Textile/Leather with a location quotient of 8.23. This cluster employs 5,057 workers in the region with an average wage of \$30,897. Employment in the Textile/Leather cluster is projected to contract in the region about 4.0% per year over the next ten years.



Location quotient and average wage data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics, imputed where necessary, and updated through 2015Q3 with preliminary estimates updated to 2016Q1. Forecast employment growth uses national projections from the Bureau of Labor Statistics adapted for regional growth patterns.

Education Levels

Expected growth rates for occupations vary by the education and training required. While all employment in the Marlboro County Labor Shed is projected to grow 0.1% over the next ten years, occupations typically requiring a postgraduate degree are expected to grow 0.9% per year, those requiring a bachelor's degree are forecast to grow 0.2% per year, and occupations typically needing a 2-year degree or certificate are expected to grow 0.7% per year.



Employment by occupation data are estimates as of 2016Q1. Education levels of occupations are based on BLS assignments. Forecast employment growth uses national projections from the Bureau of Labor Statistics adapted for regional growth patterns.

Region Definition

Marlboro County Labor Shed is defined as the following counties: Anson County, North Carolina; Hoke County, North Carolina; Richmond County, North Carolina; Robeson County, North Carolina; Scotland County, North Carolina; Chesterfield County, South Carolina; Darlington County, South Carolina; Dillon County, South Carolina; Florence County, South Carolina; Marion County, South Carolina; Marlboro County, South Carolina

FAQ

What is a location quotient?

A location quotient (LQ) 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 replacement demand?

Replacement demand is the number of jobs required due to replacements—retirements and turnover resulting from workers moving from one occupation into another. Note that replacement demand does not include all turnover—it does not include when workers stay in the same occupation but switch employers. The replacement demand shown in this report may also be understated; thus, it can be taken to be a minimum measure of the number of workers who will need to be trained for the occupation due to replacements. The total projected demand for an occupation is the sum of the replacement demand and the growth demand (which is the increase or decrease of jobs in an occupation expected due to expansion or contraction of the overall number of jobs in that occupation).

What is a cluster?

A cluster is a geographic concentration of interrelated industries or occupations. If a regional cluster has a location quotient of 1.25 or greater, the region is considered to possess a *competitive advantage* in that cluster.

What is the difference between industry wages and occupation wages?

Industry wages and occupation wages are estimated via separate data sets, often the time periods being reported do not align, and wages are defined slightly differently in the two systems (for example, certain bonuses are included in the industry wages but not the occupation wages). It is therefore common that estimates of the average industry wages and average occupation wages in a region do not match exactly.

What is NAICS?

The North American Industry Classification System (NAICS) is used to classify business establishments according to the type of economic activity. The NAICS Code comprises six levels, from the “all industry” level to the 6-digit level. The first two digits define the top level category, known as the “sector,” which is the level examined in this report.

What is SOC?

The Standard Occupational Classification system (SOC) is used to classify workers into occupational categories. All workers are classified into one of over 820 occupations according to their occupational definition. To facilitate classification, occupations are combined to form 23 major groups, 96 minor groups, and 449 occupation groups. Each occupation group includes detailed occupations requiring similar job duties, skills, education, or experience.

About This Report

This report and all data herein were produced by JobsEQ®, a product of Chmura Economics & Analytics. The information contained herein was obtained from sources we believe to be reliable. However, we cannot guarantee its accuracy and completeness.