

# Occupation Overview

Emsi Q1 2017 Data Set

February 2017



468 New Market Blvd  
Boone, North Carolina 28607  
828.265.5434

# Parameters

## Occupations

61 items selected. See Appendix A for details.

## Regions

Code	Description
37005	Alleghany County, NC
37009	Ashe County, NC
37011	Avery County, NC
37121	Mitchell County, NC
37189	Watauga County, NC
37193	Wilkes County, NC
37199	Yancey County, NC

## Timeframe

2016 - 2020

## Datarun

2017.1 – Employees

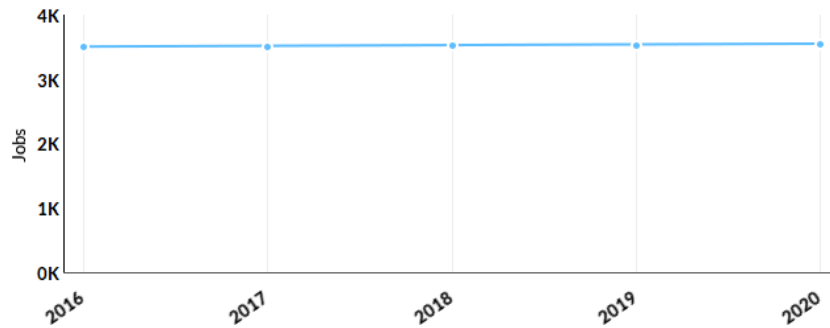
61 Healthcare Practitioners and Technical Occupations in 7 North Carolina Counties

## Occupation Summary for 61 Healthcare Practitioners and Technical Occupations

<b>3,504</b> Jobs (2016) 16% below National average	<b>1.3%</b> % Change (2016-2020) Nation: 7.6%	<b>\$30.30/hr</b> Median Hourly Earnings Nation: \$36.30/hr
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## Growth

<b>3,504</b> 2016 Jobs	<b>3,549</b> 2020 Jobs	<b>45</b> Change (2016-2020)	<b>1.3%</b> % Change (2016-2020)
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Occupation	2016 Jobs	2020 Jobs	Change	% Change
Chiropractors (29-1011)	12	11	-1	-8%
Dentists, General (29-1021)	46	50	4	9%
Oral and Maxillofacial Surgeons (29-1022)	4	4	0	0%
Orthodontists (29-1023)	3	3	0	0%
Prosthodontists (29-1024)	1	1	0	0%
Dentists, All Other Specialists (29-1029)	1	1	0	0%
Dietitians and Nutritionists (29-1031)	22	23	1	5%
Optometrists (29-1041)	11	12	1	9%
Pharmacists (29-1051)	137	139	2	1%
Anesthesiologists (29-1061)	5	5	0	0%
Family and General Practitioners (29-1062)	84	82	-2	-2%
Internists, General (29-1063)	9	9	0	0%
Obstetricians and Gynecologists (29-1064)	5	5	0	0%
Pediatricians, General (29-1065)	9	9	0	0%
Psychiatrists (29-1066)	9	10	1	11%
Surgeons (29-1067)	14	14	0	0%
Physicians and Surgeons, All Other (29-1069)	72	72	0	0%

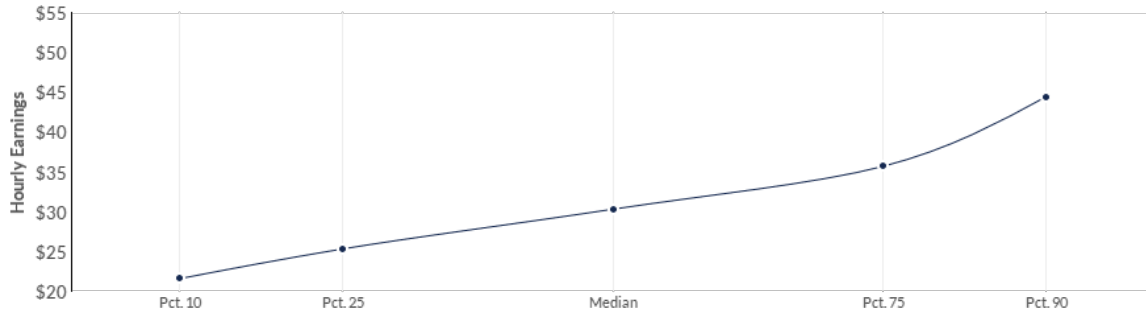
Occupation	2016 Jobs	2020 Jobs	Change	% Change
Physician Assistants (29-1071)	44	43	-1	-2%
Podiatrists (29-1081)	2	2	0	0%
Occupational Therapists (29-1122)	52	52	0	0%
Physical Therapists (29-1123)	89	87	-2	-2%
Radiation Therapists (29-1124)	6	6	0	0%
Recreational Therapists (29-1125)	6	7	1	17%
Respiratory Therapists (29-1126)	47	47	0	0%
Speech-Language Pathologists (29-1127)	58	57	-1	-2%
Exercise Physiologists (29-1128)	3	2	-1	-33%
Therapists, All Other (29-1129)	4	4	0	0%
Veterinarians (29-1131)	22	25	3	14%
Registered Nurses (29-1141)	1,137	1,133	-4	0%
Nurse Anesthetists (29-1151)	14	14	0	0%
Nurse Midwives (29-1161)	1	1	0	0%
Nurse Practitioners (29-1171)	46	49	3	7%
Audiologists (29-1181)	3	3	0	0%
Health Diagnosing and Treating Practitioners, All Other (29-1199)	4	5	1	25%
Medical and Clinical Laboratory Technologists (29-2011)	47	47	0	0%
Medical and Clinical Laboratory Technicians (29-2012)	72	73	1	1%
Dental Hygienists (29-2021)	125	136	11	9%
Cardiovascular Technologists and	18	18	0	0%

Occupation	2016 Jobs	2020 Jobs	Change	% Change
Technicians (29-2031)				
Diagnostic Medical Sonographers (29-2032)	22	21	-1	-5%
Nuclear Medicine Technologists (29-2033)	7	7	0	0%
Radiologic Technologists (29-2034)	91	85	-6	-7%
Magnetic Resonance Imaging Technologists (29-2035)	8	8	0	0%
Emergency Medical Technicians and Paramedics (29-2041)	250	257	7	3%
Dietetic Technicians (29-2051)	8	8	0	0%
Pharmacy Technicians (29-2052)	239	248	9	4%
Psychiatric Technicians (29-2053)	13	14	1	8%
Respiratory Therapy Technicians (29-2054)	1	1	0	0%
Surgical Technologists (29-2055)	29	29	0	0%
Veterinary Technologists and Technicians (29-2056)	31	36	5	16%
Ophthalmic Medical Technicians (29-2057)	20	21	1	5%
Licensed Practical and Licensed Vocational Nurses (29-2061)	349	355	6	2%
Medical Records and Health Information Technicians (29-2071)	78	80	2	3%
Opticians, Dispensing (29-2081)	23	24	1	4%
Orthotists and Prosthetists (29-2091)	1	1	0	0%
Hearing Aid Specialists (29-2092)	1	2	1	100%
Health Technologists and Technicians, All Other	31	32	1	3%

<b>Occupation</b>	<b>2016 Jobs</b>	<b>2020 Jobs</b>	<b>Change</b>	<b>% Change</b>
(29-2099)				
Occupational Health and Safety Specialists (29-9011)	21	22	1	5%
Occupational Health and Safety Technicians (29-9012)	5	6	1	20%
Athletic Trainers (29-9091)	21	21	0	0%
Genetic Counselors (29-9092)	0	0	0	0%
Healthcare Practitioners and Technical Workers, All Other (29-9099)	8	9	1	13%

## Percentile Earnings

<b>\$25.30/hr</b> 25th Percentile Earnings	<b>\$30.30/hr</b> Median Earnings	<b>\$35.69/hr</b> 75th Percentile Earnings
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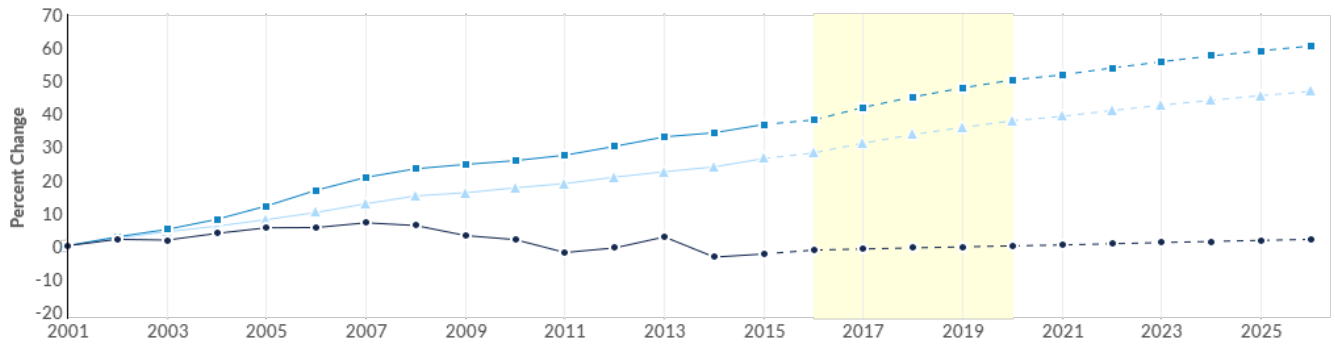
Occupation	25th Percentile Earnings	Median Earnings	75th Percentile Earnings
Chiropractors (29-1011)	\$28.84	\$31.65	\$38.57
Dentists, General (29-1021)	\$75.45	\$90.62	\$108.16
Oral and Maxillofacial Surgeons (29-1022)	\$81.26	\$81.69	\$110.66
Orthodontists (29-1023)	\$76.27	\$91.91	\$118.36
Prosthodontists (29-1024)	\$57.18	\$63.68	\$77.72
Dentists, All Other Specialists (29-1029)	\$83.01	\$89.04	\$90.37
Dietitians and Nutritionists (29-1031)	\$18.14	\$22.11	\$26.62
Optometrists (29-1041)	\$39.96	\$54.46	\$68.92
Pharmacists (29-1051)	\$54.42	\$60.98	\$68.86
Anesthesiologists (29-1061)	\$86.84	\$90.98	\$123.15
Family and General Practitioners (29-1062)	\$46.12	\$65.11	\$88.55
Internists, General (29-1063)	\$75.45	\$97.44	\$110.60
Obstetricians and Gynecologists (29-1064)	\$80.38	\$87.88	\$113.69
Pediatricians, General (29-1065)	\$65.95	\$81.13	\$94.96
Psychiatrists (29-1066)	\$72.12	\$92.19	\$103.70
Surgeons (29-1067)	\$93.61	\$94.04	\$127.05
Physicians and Surgeons, All Other (29-1069)	\$68.07	\$95.97	\$111.88
Physician Assistants (29-1071)	\$36.56	\$40.92	\$47.38



<b>Occupation</b>	<b>25th Percentile Earnings</b>	<b>Median Earnings</b>	<b>75th Percentile Earnings</b>
Podiatrists (29-1081)	\$43.45	\$61.38	\$81.78
Occupational Therapists (29-1122)	\$26.40	\$35.71	\$45.71
Physical Therapists (29-1123)	\$33.34	\$39.79	\$46.12
Radiation Therapists (29-1124)	\$30.58	\$35.75	\$42.30
Recreational Therapists (29-1125)	\$16.48	\$20.10	\$24.52
Respiratory Therapists (29-1126)	\$21.38	\$24.53	\$28.44
Speech-Language Pathologists (29-1127)	\$20.79	\$26.02	\$32.35
Exercise Physiologists (29-1128)	\$18.75	\$21.71	\$26.08
Therapists, All Other (29-1129)	\$18.35	\$22.34	\$26.68
Veterinarians (29-1131)	\$29.56	\$39.30	\$51.48
Registered Nurses (29-1141)	\$23.18	\$26.99	\$30.69
Nurse Anesthetists (29-1151)	\$65.93	\$74.57	\$85.32
Nurse Midwives (29-1161)	\$41.05	\$42.27	\$43.46
Nurse Practitioners (29-1171)	\$38.32	\$43.98	\$52.00
Audiologists (29-1181)	\$28.71	\$33.73	\$42.28
Health Diagnosing and Treating Practitioners, All Other (29-1199)	\$27.85	\$35.62	\$48.93
Medical and Clinical Laboratory Technologists (29-2011)	\$23.62	\$27.01	\$30.02
Medical and Clinical Laboratory Technicians (29-2012)	\$18.02	\$20.62	\$22.86
Dental Hygienists (29-2021)	\$22.99	\$30.81	\$36.44
Cardiovascular Technologists and Technicians (29-2031)	\$21.70	\$26.76	\$32.14
Diagnostic Medical Sonographers (29-2032)	\$25.77	\$29.32	\$33.89
Nuclear Medicine Technologists (29-2033)	\$28.23	\$31.75	\$35.97
Radiologic Technologists (29-2034)	\$21.38	\$25.27	\$29.39
Magnetic Resonance Imaging Technologists (29-2035)	\$26.87	\$30.59	\$34.46
Emergency Medical Technicians and Paramedics (29-2041)	\$13.03	\$16.06	\$18.25

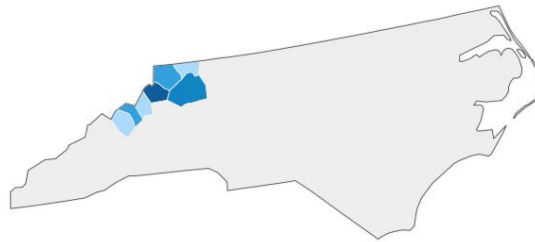
<b>Occupation</b>	<b>25th Percentile Earnings</b>	<b>Median Earnings</b>	<b>75th Percentile Earnings</b>
Dietetic Technicians (29-2051)	\$11.13	\$12.62	\$14.74
Pharmacy Technicians (29-2052)	\$10.67	\$12.66	\$16.06
Psychiatric Technicians (29-2053)	\$12.57	\$14.43	\$18.51
Respiratory Therapy Technicians (29-2054)	\$20.47	\$22.02	\$23.43
Surgical Technologists (29-2055)	\$15.96	\$17.86	\$20.33
Veterinary Technologists and Technicians (29-2056)	\$10.63	\$12.75	\$14.83
Ophthalmic Medical Technicians (29-2057)	\$12.78	\$14.41	\$16.57
Licensed Practical and Licensed Vocational Nurses (29-2061)	\$16.77	\$18.90	\$21.54
Medical Records and Health Information Technicians (29-2071)	\$12.97	\$14.72	\$19.51
Opticians, Dispensing (29-2081)	\$12.57	\$14.29	\$17.16
Orthotists and Prosthetists (29-2091)	\$26.86	\$28.72	\$30.95
Hearing Aid Specialists (29-2092)	\$20.62	\$21.35	\$22.68
Health Technologists and Technicians, All Other (29-2099)	\$13.19	\$15.63	\$20.78
Occupational Health and Safety Specialists (29-9011)	\$23.48	\$29.97	\$36.44
Occupational Health and Safety Technicians (29-9012)	\$19.36	\$23.14	\$27.67
Athletic Trainers (29-9091)	\$16.06	\$19.37	\$23.65
Genetic Counselors (29-9092)	\$26.39	\$26.39	\$26.39
Healthcare Practitioners and Technical Workers, All Other (29-9099)	\$17.11	\$22.82	\$32.70

# Regional Trends



	Region	2016 Jobs	2020 Jobs	Change	% Change
●	Region	3,504	3,549	45	1.3%
●	State	263,349	286,460	23,111	8.8%
●	Nation	8,250,437	8,877,336	626,899	7.6%

## Regional Breakdown



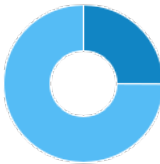
County	2020 Jobs
Watauga County, NC	1,242
Wilkes County, NC	904
Ashe County, NC	436
Mitchell County, NC	360
Avery County, NC	228

## Job Postings Summary

<p><b>6,795</b></p> <p>Unique Postings (Jan 2016 - Jan 2017)</p> <p>40,682 Total Postings</p>	<p><b>6 : 1</b></p> <p>Posting Intensity (Jan 2016 - Jan 2017)</p> <p>Regional Average: 7 : 1</p>
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There were **40,682** total job postings for your selection from January 2016 to January 2017, of which **6,795** were unique. These numbers give us a Posting Intensity of **6-to-1**, meaning that for every 6 postings there is 1 unique job posting. This is close to the Posting Intensity for all other occupations and companies in the region (7-to-1), indicating that they are putting average effort toward hiring for this position.

# Occupation Gender Breakdown



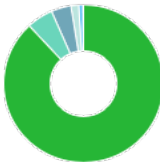
	Gender	2016 Jobs	2016 Percent
•	Males	879	25.1%
•	Females	2,625	74.9%

# Occupation Age Breakdown



	Age	2016 Jobs	2016 Percent
•	14-18	4	0.1%
•	19-24	180	5.1%
•	25-34	733	20.9%
•	35-44	986	28.2%
•	45-54	787	22.5%
•	55-64	660	18.8%
•	65+	153	4.4%

# Occupation Race/Ethnicity Breakdown



	Race/Ethnicity	2016 Jobs	2016 Percent
●	White	3,086	88.1%
●	Black or African American	187	5.3%
●	Two or More Races	141	4.0%
●	Asian	55	1.6%
●	Hispanic or Latino	29	0.8%
●	American Indian or Alaska Native	5	0.1%
●	Native Hawaiian or Other Pacific Islander	0	0.0%

## Occupational Programs

<b>19</b> Programs (2015)		<b>700</b> Completions (2015)	<b>150</b> Openings (2015)
CIP Code	Program	Completions (2015)	
51.3801	Registered Nursing/Registered Nurse	245	
31.0505	Kinesiology and Exercise Science	206	
51.3101	Dietetics/Dietitian	56	
51.0201	Communication Sciences and Disorders, General	52	
51.0203	Speech-Language Pathology/Pathologist	49	

## Industries Employing 61 Healthcare Practitioners and Technical Occupations

Industry	Occupation Group Jobs in Industry (2016)	% of Occupation Group in Industry (2016)	% of Total Jobs in Industry (2016)
General Medical and Surgical Hospitals	912	26.0%	52.3%
Hospitals (Local Government)	411	11.7%	51.6%
Offices of Physicians (except Mental Health Specialists)	320	9.1%	41.0%
Nursing Care Facilities (Skilled Nursing Facilities)	255	7.3%	20.3%
Pharmacies and Drug Stores	240	6.8%	42.0%

# Appendix A - Occupations

Code	Description
29-1011	Chiropractors
29-1021	Dentists, General
29-1022	Oral and Maxillofacial Surgeons
29-1023	Orthodontists
29-1024	Prosthodontists
29-1029	Dentists, All Other Specialists
29-1031	Dietitians and Nutritionists
29-1041	Optometrists
29-1051	Pharmacists
29-1061	Anesthesiologists
29-1062	Family and General Practitioners
29-1063	Internists, General
29-1064	Obstetricians and Gynecologists
29-1065	Pediatricians, General
29-1066	Psychiatrists
29-1067	Surgeons
29-1069	Physicians and Surgeons, All Other
29-1071	Physician Assistants
29-1081	Podiatrists
29-1122	Occupational Therapists
29-1123	Physical Therapists
29-1124	Radiation Therapists
29-1125	Recreational Therapists
29-1126	Respiratory Therapists
29-1127	Speech-Language Pathologists
29-1128	Exercise Physiologists
29-1129	Therapists, All Other
29-1131	Veterinarians
29-1141	Registered Nurses
29-1151	Nurse Anesthetists



<b>Code</b>	<b>Description</b>
29-1161	Nurse Midwives
29-1171	Nurse Practitioners
29-1181	Audiologists
29-1199	Health Diagnosing and Treating Practitioners, All Other
29-2011	Medical and Clinical Laboratory Technologists
29-2012	Medical and Clinical Laboratory Technicians
29-2021	Dental Hygienists
29-2031	Cardiovascular Technologists and Technicians
29-2032	Diagnostic Medical Sonographers
29-2033	Nuclear Medicine Technologists
29-2034	Radiologic Technologists
29-2035	Magnetic Resonance Imaging Technologists
29-2041	Emergency Medical Technicians and Paramedics
29-2051	Dietetic Technicians
29-2052	Pharmacy Technicians
29-2053	Psychiatric Technicians
29-2054	Respiratory Therapy Technicians
29-2055	Surgical Technologists
29-2056	Veterinary Technologists and Technicians
29-2057	Ophthalmic Medical Technicians
29-2061	Licensed Practical and Licensed Vocational Nurses
29-2071	Medical Records and Health Information Technicians
29-2081	Opticians, Dispensing
29-2091	Orthotists and Prosthetists
29-2092	Hearing Aid Specialists
29-2099	Health Technologists and Technicians, All Other
29-9011	Occupational Health and Safety Specialists
29-9012	Occupational Health and Safety Technicians
29-9091	Athletic Trainers
29-9092	Genetic Counselors
29-9099	Healthcare Practitioners and Technical Workers, All Other

# Appendix B - Data Sources and Calculations

## Location Quotient

Location quotient (LQ) is a way of quantifying how concentrated a particular industry, cluster, occupation, or demographic group is in a region as compared to the nation. It can reveal what makes a particular region unique in comparison to the national average.

## Occupation Data

Emsi occupation employment data are based on final Emsi industry data and final Emsi staffing patterns. Wage estimates are based on Occupational Employment Statistics (QCEW and Non-QCEW Employees classes of worker) and the American Community Survey (Self-Employed and Extended Proprietors). Occupational wage estimates also affected by county-level Emsi earnings by industry.

## CareerBuilder/Emsi Job Postings

Job postings are collected from various sources and processed/enriched by Careerbuilder to provide information such as standardized company name, occupation, skills, and geography. Emsi performs additional filtering and processing to improve compatibility with Emsi data.

## Completers Data

The completers data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.

## Institution Data

The institution data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.

## State Data Sources

This report uses state data from the following agencies: Georgia Department of Labor, Workforce Information and Analysis, Occupational Information Services Unit; Kentucky Office of Employment and Training; North Carolina Department of Commerce, Labor and Economic Analysis Division; South Carolina Employment Security Commission, Labor Market Information Department; Tennessee Department of Labor and Workforce Development, Research and Statistics Division; Virginia Employment Commission, Economic Information Services