

Skills Transferability
Registered Nurses in Charlotte-Concord-Gastonia, NC-SC
Emsi Q2 2022 Data Set
May 2022
North Carolina



Occupation Skills Transferability Guide

This guide is designed to help job seekers coming from a specific occupation see potentially compatible alternative occupations. This is useful for those looking for a career change, looking for career growth, or those who are struggling to find employment in their previous occupation that want to explore additional options. Occupations listed will require varying levels of additional training, skills, and experience but provides a solid starting point to explore additional options or see what specific training opportunities exist to help make these transitions. This guide is part of our series on skills-based career pathways shifting away from career navigation by industry towards an understanding of how individuals can navigate across multiple industries depending on their individual skill sets and experience.

2023 Edition

Registered Nurses

Charlotte MSA

Overview		Education
Median Hourly Earnings:	\$33.93/hr	Bachelor's Degree
2021 Jobs:	24,999	Associate's Degree (or other 2-year degree)
2021-2032 Change:	1,592	Some College Courses
2021-2032 Estimated Annual Openings:	1,521	

Compatible Occupations		
O*NET Occupation	Median Hourly Earnings	2021 Jobs
Physical Therapist Assistants	\$27.89	565
Physical Therapists	\$42.46	1,449
Physician Assistants	\$54.15	1,473
Athletic Trainers	\$22.25	430
Exercise Physiologists	\$20.61	132
Occupational Therapists	\$38.42	872
Nurse Midwives	\$53.65	80
Licensed Practical and Licensed Vocational Nurses	\$23.82	3,759
Critical Care Nurses	\$33.93	24,999
Acute Care Nurses	\$33.93	24,999

Top 10 Competencies		
Knowledge	Skill	Ability
Psychology	Social Perceptiveness	Problem Sensitivity
Customer and Personal Service	Reading Comprehension	Inductive Reasoning
Therapy and Counseling	Coordination	Oral Comprehension
Education and Training	Service Orientation	Oral Expression
Medicine and Dentistry	Critical Thinking	Written Comprehension
Mathematics	Speaking	Near Vision
English Language	Active Listening	Deductive Reasoning
Biology	Monitoring	Speech Recognition
Sociology and Anthropology	Judgment and Decision Making	Information Ordering
Clerical	Active Learning	Written Expression



23.3%
66.1%
10.7%

2032 Expected Growth

42.8%
27.1%
25.2%
23.0%
22.2%
20.9%
8.5%

7.2%
6.4%
6.4%

Parameters

O*NET Occupation

Code	Description
29-1141.00	Registered Nurses

Regions

Code	Description
16740	Charlotte-Concord-Gastonia, NC-SC

Timeframe

2021 - 2032

Datarun

2022.2 – QCEW Employees, Non-QCEW Employees, and Self-Employed

Overview

Median Hourly Earnings*	\$33.93/hr
2021 Jobs*	24,999
2021-2032 Change*	1,592
2021-2032 Estimated Annual Openings*	1,521

*These figures are taken from: Registered Nurses (SOC 29-1141)

Educational Attainment	
Bachelor's Degree	23%
Associate's Degree (or other 2-year degree)	66%
Some College Courses	11%

Top Compatible Occupations

O*NET Occupation	Median Hourly Earnings*	2021 Jobs*	2032 Jobs*	2021-2032 Change*
Critical Care Nurses	\$33.93	24,999	26,591	1,592
Licensed Practical a	\$23.82	3,759	4,031	271
Physical Therapists	\$42.46	1,449	1,841	392
Exercise Physiologis	\$20.61	132	161	29
Acute Care Nurses	\$33.93	24,999	26,591	1,592
Athletic Trainers (29	\$22.25	430	529	99
Nurse Midwives (29-	\$53.65	80	87	7
Occupational Thera	\$38.42	872	1,054	182
Physical Therapist A	\$27.89	565	807	242
Physician Assistant	\$54.15	1,473	1,845	372

2021-2032 Estimated Annual Openings*		Compat. Index
1,521		97
324		96
104		95
12		95
1,521		94
43		94
5		94
69		94
104		93
126		93

Competencies - Knowledge		
Knowledge	Importance	Level
Psychology	80	84
Customer and Personal Services	83	73
Therapy and Counseling	72	63
Education and Training	72	59
Medicine and Dentistry	86	58
Mathematics	56	52
English Language	76	52
Biology	54	49
Sociology and Anthropology	53	48
Clerical	44	46
Philosophy and Theology	34	44
Computers and Electronics	52	44
Chemistry	42	41
Public Safety and Security	49	36
Administration and Management	44	35
Law and Government	42	34
Personnel and Human Resources	37	30
Communications and Media	36	27
Production and Processing	16	23
Foreign Language	32	21
Sales and Marketing	22	19
Food Production	18	17
Economics and Accounting	19	16
Engineering and Technology	11	16
Transportation	16	15
Telecommunications	21	14
Physics	12	13
Mechanical	13	13
History and Archeology	7	11
Geography	8	9
Design	3	5
Fine Arts	3	3
Building and Construction	0	0

Competencies - Skills		
Skill	Importance	Level
Social Perceptiveness	78	63
Reading Comprehension	72	61
Coordination	72	59
Service Orientation	75	57
Critical Thinking	72	57
Speaking	75	57
Active Listening	78	57
Monitoring	69	55
Judgment and Decision Making	69	54
Active Learning	60	54
Instructing	56	54
Learning Strategies	53	54
Writing	66	52
Time Management	50	48
Complex Problem Solving	60	46
Systems Evaluation	47	46
Quality Control Analysis	47	46
Persuasion	50	45
Systems Analysis	47	45
Management of Personnel Resources	47	45
Mathematics	47	43
Negotiation	47	41
Operation Monitoring	47	39
Science	47	37
Operation and Control	35	34
Management of Materials	28	32
Management of Financial Resources	22	25
Troubleshooting	19	21
Operations Analysis	25	21
Equipment Selection	19	16
Technology Design	19	13
Programming	16	9
Repairing	0	0
Installation	0	0
Equipment Maintenance	0	0

Competencies - Abilities

Ability	Importance	Level
Problem Sensitivity	78	71
Inductive Reasoning	75	70
Oral Comprehension	78	68
Oral Expression	78	66
Written Comprehension	75	61
Near Vision	69	59
Deductive Reasoning	75	59
Speech Recognition	72	57
Information Ordering	69	55
Written Expression	69	55
Category Flexibility	60	55
Arm-Hand Steadiness	50	54
Speech Clarity	72	54
Flexibility of Closure	53	50
Selective Attention	53	48
Finger Dexterity	50	48
Far Vision	53	46
Perceptual Speed	53	46
Control Precision	35	45
Originality	47	45
Manual Dexterity	50	45
Memorization	50	45
Time Sharing	50	45
Fluency of Ideas	50	45
Speed of Closure	47	43
Mathematical Reasoning	47	43
Static Strength	44	43
Number Facility	47	43
Auditory Attention	47	43
Extent Flexibility	44	43
Trunk Strength	56	41
Visual Color Discrimination	47	41
Visualization	44	39
Multilimb Coordination	44	37
Stamina	50	37
Response Orientation	31	34
Hearing Sensitivity	38	32
Gross Body Coordination	28	32
Reaction Time	25	29
Depth Perception	25	27
Dynamic Strength	25	27
Speed of Limb Movement	25	25
Wrist-Finger Speed	22	25
Gross Body Equilibrium	22	25
Rate Control	19	14
Explosive Strength	19	14

Dynamic Flexibility	13	7
Spatial Orientation	6	4
Sound Localization	6	4
Glare Sensitivity	0	0
Night Vision	0	0
Peripheral Vision	0	0

Appendix A - Data Sources and Calculations

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 are also affected by county-level Emsi earnings by industry.

Educational Attainment Data

Emsi's educational attainment numbers are based on Emsi's demographic data and the American Community Survey. Educational attainment data cover only the population aged 25 years or more and indicate the highest level achieved.

Competency Data

The competency data in this report is taken directly from the O*NET database.

State Data Sources

This report uses state data from the following agencies: North Carolina Department of Commerce; South Carolina Department of Employment and Workforce