



Career Clusters and Pathways



SAMPLE CLUSTER MAP | Health Science

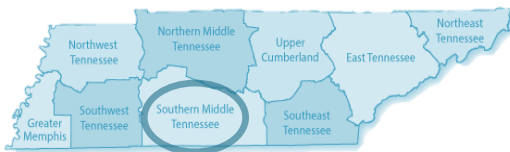


Health Science

Regional Career Opportunities – Listed by Highest Projected Demand



No regional occupations in this career cluster require education at this degree level.	Medical Secretaries and Administrative Assistants Annual Openings = 105 Median Wage = \$34,422	Nursing Assistants Annual Openings = 226 Median Wage = \$29,719	★ Registered Nurses Annual Openings = 168 Median Wage = \$63,534	★ Nurse Practitioners Annual Openings = 51 Median Wage = \$102,403
	Pharmacy Aides Annual Openings = 29 Median Wage = \$26,860	★ Licensed Practical and Licensed Vocational Nurses Annual Openings = 173 Median Wage = \$46,128	★ Medical and Health Services Managers Annual Openings = 56 Median Wage = \$85,388	★ Physical Therapists Annual Openings = 20 Median Wage = \$97,641
	Physical Therapist Aides Annual Openings = 14 Median Wage = \$27,380	★ Medical Assistants Annual Openings = 137 Median Wage = \$35,704	Few regional occupations in this career cluster require education at this degree level.	★ Speech-Language Pathologists Annual Openings = 16 Median Wage = \$70,720
	Medical Equipment Preparers Annual Openings = *** Median Wage = \$37,914	★ Pharmacy Technicians Annual Openings = 55 Median Wage = \$35,519		★ Physician Assistants Annual Openings = 15 Median Wage = \$103,823
	Psychiatric Aides Annual Openings = *** Median Wage = \$29,233	★ Dental Assistants Annual Openings = 46 Median Wage = \$38,361		Pharmacists Annual Openings = 13 Median Wage = \$124,495



★ Indicates high-value occupations defined as occupations with the highest annual openings that are stable or growing with median wages above \$35,000.

*** Indicates no median wage data or no annual openings data available for this occupation in this region.



Health Science

Regional High School Requirements and Programs

English Language Arts	Math	Science	Social Studies	Foreign Language	Physical Education	Fine Arts	Elective Focus
English I	Algebra I	Biology	World Geography & History	Foreign Language I	Physical Education (1/2 Credit)	Fine Arts I	Personal Finance (1/2 Credit) Computer Science Elective Focus (3 Credits in Sequential Order)
English II	Geometry	Chemistry	US History	Foreign Language II	Lifetime Wellness	-----	
English III	Algebra II	Third Lab Science	Government (1/2 Credit)	-----	-----	-----	
English IV	Fourth Level Math	-----	Economics (1/2 Credit)	-----	-----	-----	

Level	Therapeutic Services
1	Health Science Education
2	Anatomy and Physiology
3	Medical Therapeutics

Regional Postsecondary Schools	
Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
Community Colleges <ul style="list-style-type: none"> • TCAT Pulaski & Hohenwald • Columbia State Community College • Chattanooga State Community College • Nashville State Community College • Volunteer State Community College 	Colleges and Universities <ul style="list-style-type: none"> • University of Tennessee – all campuses • Middle Tennessee State University • Tennessee State University • Tennessee Technological University • Austin Peay State University

Postsecondary Programs / Majors for Occupations in this Career Cluster

Certificate or AA	Medical Administrative Assistant	Basic Dental Assistant Certificate	Imaging Sciences, AS	Phlebotomy Certificate	Emergency Medical Services Certificate
Bachelor's Degree	Biochemistry, BS	Nursing, BSN	Cardio-Respiratory Care Sciences, BS	Health Sciences, BS	Health Information Management, BS
Advanced Degree	Nursing, MSN/DNP/PhD	Public Health, DrPH/MPH***	Psychology, MA/PhD***	Biochemistry & Cellular & Molecular Biology, MS/PhD***	Pharmacy, PhD

*** Few regional occupations in this career cluster require education at this degree level.



To learn more about labor market data and connecting students to career pathways contact us at hello@p2c.org