the world is changing rapidly,
so are health care careers.
THE WORLD IS CHANGING RAPIDLY, SO ARE HEALTH CARE CAREERS.

WWW.HEALTHCARECAREERMAP.ORG

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Introduction

Why the Career Mapping Project?

As the Tennessee economy continues to shift from its manufacturing roots, the preparation of skilled workers likely to succeed in high-demand areas such as health care is essential to the state's economic success and the prosperity of its workers. Knowing the types of jobs that are available, the training necessary, the technology used, and the employers that need workers are all essential elements in preparing a workforce that will continue to succeed in a changing economy and technologically advanced society.

The Nashville Career Advancement Center and its governing workforce board have orchestrated the collaboration and provided funding for this great cause. Through research and analysis of many health care occupations, Dr. Jo Edwards and her colleagues at Middle Tennessee State University's Center for Health and Human Services have compiled and updated this handbook (and companion Web site) as a tool for job seekers, students, counselors, and practitioners to use as a resource map to a health care career.

The third edition of Health Care Career Map (and its companion Web site) retains its usefulness and broad-reaching significance to middle Tennessee's workforce in addition to incorporating information relevant to new and existing technology. Those responsible for its development are to be commended for their vision and leadership as we prepare workers to succeed in the 21st century's economy.

Paul Haynes
Executive Director
Nashville Career Advancement Center

Disclaimer

This handbook contains information that has been compiled from public sources. To the best of our knowledge, all information is believed to be accurate as of the date of original publication. Any changes or modifications to the data after the publication date will not be reflected. Please visit the companion Web site at www.healthcarecareermap.org for updates to the information contained in this handbook or to request changes.
Nursing, Allied Health, and Epidemiology Defined

Nursing is the largest occupational category within the field of health care delivery. Most nursing jobs involve direct hands-on care-giving of patients and their families. Nurses and nursing assistants work in a variety of hospitals, nursing homes, clinics, home health agencies, and public health departments. Nursing jobs range from positions that require minimal training, such as Certified Nursing Assistants, to highly specialized positions that require master’s or doctoral level education, such as Nurse Practitioners.

Allied health is a vast field comprising hundreds of professions including physical therapy, occupational therapy, athletic training, and other careers outlined in this publication. Allied health providers are crucial to the system as they support, facilitate, and complement the roles of doctors, nurses, and other specialists.

Epidemiology is the branch of medical science that investigates and describes the determinants of disease, disability, and other health outcomes and develops the means in prevention and control. There are research epidemiologists and clinical epidemiologists.

Scope of the Project

The study covered nursing occupations, selected occupations in the allied health field, and careers in epidemiology. The nursing occupations covered in this project include Certified Nurse Assistant, Licensed Practical Nurse, Registered Nurse, Clinical Nurse Specialist, Nurse Practitioner, Nurse Midwife, and Nurse Anesthetist.

Those in the allied health field were grouped into three occupational clusters as identified by the National Skills Standards Project (Far West Laboratory, 1995). “Therapeutic” professionals provide treatment and work on maintaining and/or changing patient health status over the long-term; “Diagnostic” professionals create a picture of client health at a single point in time; and “Health Information Services” professionals document client care. Each allied health profession included in this study is grouped under one of the clusters, in accordance to the profession’s primary function.

Therapeutic

Rehabilitation field includes physical therapy, occupational therapy, physical therapy assisting, occupational therapy assisting, athletic training, recreational therapy, speech-language pathology and audiology, respiratory therapy, and nutrition/dietetics.

Allied health providers are crucial to the system as they support, facilitate, and complement the roles of doctors, nurses, and other specialists.

Medical Assisting field includes medical assisting and surgical technology.

Emergency Medical field includes emergency medical technology: basic, intermediate, and paramedic.

Diagnostic

Medical Imaging field includes diagnostic radiologic technology, radiation therapy, nuclear medicine technology, and diagnostic medical sonography.

Clinical Laboratory Services field includes clinical medical technology, clinical medical technician, and phlebotomy.

Dental Services field includes dental hygiene, dental assisting, and dental laboratory technology.

Health Information Services

Health Information Services field includes Health Information Administrators, Health Information Managers (formerly medical records administrators and managers), and medical transcriptionists.

Projected growth was predicted in some occupational areas, although the factors, such as repayment systems and level of access that are used to predict future growth, are rapidly changing.

The supply and demand information presented in this report will be useful as a student counseling guide as well as a guide for higher education. Labor market factors such as supply and demand are only one part of the academic program planning and decision making process.

The counties covered in this study in terms of identified schools and training institutions for nursing and allied health occupations as well as employers who might employ those in nursing or allied health occupations, include the counties of Cheatham, Davidson, Dickson, Robertson, Rutherford, Sumner, Williamson, Wilson, and Trousdale.
Specifics Related to Development of this Project

The development of this publication included research on both training and education for nursing, allied health, and epidemiology careers in the nine-county service area, as well as for labor trends and employment opportunities for these careers. Contact information for each training and education and labor/employer resource has been included, along with other pertinent information to the prospective student and/or job seeker.

*Allied Health in Tennessee: A Supply and Demand Study, 2004* gives a good description of supply and demand data types that can be related to that included in this handbook. Most supply and demand information in this handbook has been taken directly from the *Allied Health in Tennessee: A Supply and Demand Study, 2004* document. The allied health document can be viewed in its entirety at www.healthworkforce.org/data/tenn-data.htm.

There are literally hundreds of allied health occupations. Public health, health services administration, the optical field, community health education, music therapy, cardiopulmonary technology, the orthotic/prosthetic field, pharmacy assistant work, substance abuse, and environmental health are all areas that may be considered allied health, but they are not included in this study. The pre-medical category has been excluded because students often transfer to other institutions for professional programs.

### On-the-Job Training

There are many programs to develop entry-level skills such as CNA, EKG, EEG, pharmacy technicians, and others. The inventory of training and education programs listed in this handbook is strictly the more formal education and training programs. These entry-level on-the-job training programs provide an excellent platform from which to view the many allied health and nursing professions while gaining entry-level skills applicable to all of the professions. On-the-job training programs are often offered at no cost through the hospital or long-term care facilities and last from a few weeks to a few months. If you are considering going into the health care workforce but are uncertain about the opportunities and options available, you may wish to explore the many in-house training programs offered by the hospitals, long-term care facilities, or other organizations later listed in the “Employers” section of this handbook.
**Meet Katherine Harrison...**

**from Engineer to Nurse!**

My connection with the Career Mapping project precedes being hired as a student research assistant for the third edition of the handbook. I had received my bachelor of science degree in civil engineering and had been working as a structural bridge engineer for about four years when I finally accepted that I was not satisfied with my career and could not picture myself happily designing bridges the rest of my life. My volunteer work at Vanderbilt Children's Hospital and the Women's Hospital at Centennial helped guide me toward exploring a career in nursing.

To say the least, I was overwhelmed by the amount of information available on the Internet, until I happened upon Health Care Career Map. I truly credit the Web site and handbook in solidifying my desire and resolve to change careers and become a nurse. They contained relevant and detailed information regarding the nursing programs and employment opportunities available in middle Tennessee and helped me remain organized as I started taking prerequisite courses at Middle Tennessee State University.

It was starting to feel somewhat like fate when I also happened upon an ad placed with MTSU Career Services for a student worker to aid in updating the Health Care Career Map Web site and handbook. While working on this update, I feel I gained a better understanding of the usefulness of the handbook to students, career changers, and professionals. By reading and learning about other health care professions, I started to appreciate the composition of a health care team and the jobs and responsibilities that each professional contributes in a health care setting. I also observed first-hand the vacancy statistics for nurses and allied health professionals, recognizing the effect that personnel shortages might have on public health. Finally, I was amazed to see technology's impact on the health care field and the variety of applications it has to each health care professional.

I hope others find this updated third edition of the handbook and Web site as useful as I have.

Katherine Harrison  
pediatric nurse practitioner student  
*Class of 2009*

The extensive contributions of Katherine Harrison to this edition of the Health Care Career Map are acknowledged with gratitude.
Is a Career in Health Care Right for You?

• Do you enjoy working with people?

• Do you want the satisfaction of helping others?

• Are you looking for job security?

• Are you interested in an above-average starting salary?

• Do you want career skills that can ‘travel’ with you anywhere?

• Is the challenge of keeping up with ever-changing technology appealing to you?

• Do you want the flexibility of being able to choose the level of education that fits your needs for career training from a short certificate or on-the-job training program to 2-year, 4-year, or longer degree?

• Do you want a flexible schedule including options for part time, full time, morning, evening and night shifts, weekend, and varying work schedules?

If you answered yes to any of the questions above, then a career in health care might be just what you are looking for. The opportunities in health care are unlimited, and with the growth experienced in the health care industry, job opportunities are better than ever. This handbook can help you sort through many of the options available to you in the field of health care.
What about a Career in Public Health?

If you do decide to pursue a job in health care, be aware of the opportunities available for allied health and nursing staff in public health. The Tennessee Department of Health is a branch of state government with a commissioner appointed by the Governor. There are thirteen regions under the state health department serving the 95 counties. Seven of the regions are composed of rural counties, and six are composed of metropolitan counties under the jurisdiction of metropolitan city councils/government. The counties in the seven rural regions are a part of the state’s administrative system, whereas the six metropolitan counties are a part of the county administrative systems. Each county has a local health department with at least one clinic site. The central office of the Department functions as the support, policy-making, and assurance office for the public health system. The mission of the Department of Health is to:

- Promote, protect and restore the health of all Tennesseans;
- Prevent problems that contribute to disease, injury and disability;
- Promote healthy lifestyles through health education;
- Ensure quality health care through licensure and regulation of health professionals and health care facilities;
- Assure availability of services despite economic and geographic barriers.

The State of Tennessee employs individuals in public health, in each of the professions listed in this handbook. With approximately 38,000 employees, state government is the largest single employer in Tennessee. Read more below about pursuing a career in public health with the State of Tennessee.

How do I apply for a job with the State of Tennessee?

The first step in the Career Service employment process is to complete a State of Tennessee Employment application form and submit it to the Department of Personnel for processing. Get an application at www.state.tn.us or call (615) 741-4841 to have one mailed to you. Application forms may also be obtained by visiting or writing to: Department of Personnel, Applicant Services Division, First Floor, James K. Polk Building, 505 Deaderick Street, Nashville, TN 37243.

How do I determine what jobs to apply for?

Information is available at the State of Tennessee Web site to help you to identify job titles of interest to you. Click on “Job Information” from the menu on the left to search for Career Service jobs by the criteria you specify (e.g., occupational group, salary requirements, county location, job title, job classification code).

What happens after I submit my application?

Your application will be evaluated to determine whether you meet the minimum qualifications (e.g., education, experience) required for the job(s) applied for. You will be notified by mail within approximately two to three weeks if you are required to take any examinations. For most jobs, an examination is not required. A score is calculated for you based on the education and experience information you provided on the application form. You will receive notification of evaluation results based on education and experience within approximately four to six weeks. Once you have obtained a passing score for a job classification (from either a rating of your education and experience or by passing any necessary examinations), your name is placed on a list of eligible applicants for that job classification. This list is available for use by state agencies as vacancies occur. Agencies must hire from among the top five eligible applicants who are willing to accept a particular vacant position.

You may call (615) 741-4841 if you need more information.

Listings for local county health departments are listed in this handbook in the “Employers” section under “Government.” Specific inquiries may be made to local health departments or by calling the phone number listed above.
Introduction to Nursing

One would be hard pressed to find an area in life that has not been affected, improved, or simplified by advances in technology. The same holds true for the field of nursing. Education, research, and direct patient care are all affected by these advances as is the ease in which information is located, distributed, and processed. This situation demands that students and practitioners alike become consumers of information in order to discern and use credible data.

Increasingly, students are required to complete computer assessment and competency tests before beginning nursing programs. This underscores the necessary role technology plays throughout college and in the workforce. Some programs require that students own a personal computer, and there is speculation that in the near future students will be required to have laptops that can be brought to class or clinical settings. Proprietary computer programs such as Blackboard, WebCT, or D2L (Desire to Learn) can create an online community specifically for a course so that lectures can be broadcast, assignments can be downloaded, and tests can be taken online. These programs are used by the majority of higher education institutions in Tennessee.

Personal Digital Assistants (PDAs) and even cell phones are becoming key tools used by nurses. They can be used by students for research purposes to access online journals and databases or to obtain ancillary course materials. Some nursing classes even have "open-PDA" tests instead of "open-book" tests. The devices can be used as portable reference tools to instantly look up the most current information regarding patient care directives and pharmacologic concerns instead of going to a library or locating a personal computer. They allow for flexibility in a variety of settings such as home health, community, and travel nursing. Some have scanning capabilities for patient identification, medications, and supplies. Others are capable of recording and storing conversations, lecture material, conference workshops, or patient data.

The technology used for health information management is another area of growing interest for nursing and the health care community in general. National, state, and local initiatives will determine how to best move away from paper-based records and toward electronic health records and possibly electronic medical records. President Bush has encouraged health care providers to have electronic records for the majority of their patients by 2014. Governor Bredesen and Governor Jim Douglas of Vermont have been selected by the National Governors Association to lead its State Alliance for e-Health, an effort to improve health care through electronic information sharing. Vanderbilt University Medical Center has developed a Web site, My Health at Vanderbilt, which not only serves as a patient's medical record but also as a valuable communication tool for the patient and his or her doctors.

The use of cutting-edge information technology continues to expand in significance for nursing education, research, and practice.
Normal and customary responsibilities of an incumbent professional in each field

**Nursing**

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- Licensed Practical Nurse, 13
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References: www.bls.gov/
Certified Nursing Assistant

Description of Work
Certified Nursing Assistants (CNAs) aid nursing and medical health professionals. They help provide patients with basic care and services, such as assisting frail or disabled people with bathing, getting out of bed, and transporting them to different areas within a facility. The may also provide skincare and take vital signs. They also give patients important social and emotional support.

Salary
Mean annual salary for this position is $19,930.

Where Employed
CNAs can work in many different facilities such as hospitals, long-term care facilities, clinics, and also in home health care. 
Please refer to “Employers” section for directory of specific employers.

Personal Qualifications
Must enjoy working with people and understand human nature. Must be able to work well with others and be able to understand and follow directions and orders from doctors and nurses. Must be a good communicator and sensitive to others’ needs. Must be comfortable touching people and providing personal care. Must be able to stand and walk for long periods of time and lift heavy objects.

Entrance Requirement
Completion of a qualified CNA training program and passing grade on a certification exam.

Educational Requirements
Certification programs are offered through several middle Tennessee health care facilities, community colleges and vocational or technical schools.
Please refer to “Training and Education” section for specific education and training institutions and their requirements.

For Further Information
Please refer to “Professional Organizations” section for a list of professional organization Web sites.

Did You Know?
Interesting facts or figures about technology in your health care field
Certified Nurse Assistants (CNAs) can take practice tests, obtain testing schedules, and view test results online. They can even take the certification test, both written and skills, online in certain locations!

CNAs use automatic blood pressure cuffs, hospital beds, wheelchairs, thermometers, and scales every day at work, whether it is in a hospital or during home health care.

Certification application forms and candidate handbooks can be found online at www.hdmaster.com.

The Tennessee Department of Health maintains a list of all approved nurse assistant programs online at www2.state.tn.us/health/HCF/trainingfacilitiesregions.htm.

Some CNAs use both articulation and language voice programs during patient speech therapy.
Licensed Practical Nurse

Description of Work
Licensed Practical Nurses (LPN), also called Licensed Vocational Nurses (LVN), work under the supervision of a doctor, registered nurse or nurse practitioner in offering patient care and services. They provide basic bedside care, including performing such duties as monitoring a patient’s temperature, blood pressure, pulse and respiration. They may also be responsible for scheduling appointments, updating patient charts, taking medical histories and giving some medications.

Salary
Mean annual salary for this position is $31,530.

Where Employed
LPNs are qualified to work in a hospital, clinic, doctor’s office, home health agency or nursing home. Please refer to “Employers” section for directory of specific employers.

Personal Qualifications
Must enjoy working with people and be able to follow orders and directions from registered nurses or doctors. Must have good communication skills and be sensitive to the needs of patients. As a licensed practical nurse, you should be responsible and thorough. You should also enjoy working as part of a medical team. Must be able to stand and walk for long periods of time and lift heavy objects.

Entrance Requirement
To earn an LPN license, you must pass a state administered nursing test; the NCLEX-PN® examination. In order to take the exam, you must first complete a LPN/LVN educational program.

Educational Requirements
The LPN program involves one year of training at a hospital, vocational/technical school, or community college. After completing this training you are eligible for licensure as an LPN or LVN. Please refer to “Training and Education” section for specific education and training institutions and their requirements.

For Further Information
Please refer to “Professional Organizations” section for a list of professional organization Web sites.

Did You Know?
Interesting facts or figures about technology in your health care field
The Tennessee Board of Nursing maintains a list of Licensed Practical Nurse (LPN) training programs online at www2.state.tn.us/health/Boards/Nursing/LPN.htm.

The Tennessee Board of Nursing also publishes the LPN licensure exam pass rates for each LPN program.

How is Technology Impacting Licensed Practical Nurses?
Education. Online course development, online lecture series, online testing, hybrid course development

Research. Instant access to many areas—no long nights at the library anymore!

Direct patient care. Computerized charting; instant access to diagnostic test results

Administrative issues: Ease of communication
Registered Nurse

Description of Work
Registered nurses have more education, skills, training and responsibility than licensed practical nurses. They direct or work within a team of health professionals in providing patient care and preventing illness. They educate patients on illnesses and strategies for leading healthy lifestyles. They also monitor patients’ illnesses and record and study their symptoms, administer medication and treatments, and help patients rehabilitate from illnesses or injuries.

Salary
Mean annual salary for this position is $51,250.

Where Employed
Registered nurses may work in hospitals, health clinics, doctor’s offices, nursing homes, first-aid stations, camps, schools, rehabilitation centers, outpatient centers, prisons and a variety of other organizations that provide health care services.

Personal Qualifications
As a registered nurse, it is most important to be caring, compassionate and interested in helping others and working as part of a health care team. Individuals must have good communication skills and be sensitive to the needs of patients. It is helpful to have an interest in sciences, such as biology and chemistry.

Entrance Requirement
Graduation from an accredited registered nursing educational program and passing score on the NCLEX-RN® licensure exam.

Educational Requirements
There are several different educational paths of entry into professional registered nursing. RN Diploma programs are based in hospitals and are usually 24-36 months in length. Associates degree registered nursing programs are of similar length, and are usually based in community colleges. Baccalaureate degree programs are 3 to 5 years in length and usually based in universities. Once the educational program is completed, the national licensing exam must be passed. Many registered nurses begin their careers through the 24-36 month programs, gain some work experience, and then return to school to complete their baccalaureate degrees.

For Further Information
Please refer to “Professional Organizations” section for a list of professional organization Web sites.

Did You Know?
Interesting facts or figures about technology in your health care field
Nursing informatics is the newest nursing specialty recognized by the American Nurses Association. As defined by Graves and Corcoran, nursing informatics is "a combination of computer science, information science and nursing science designed to assist in the management and processing of nursing data, information and knowledge to support the practice of nursing and the delivery of nursing care." [Graves, J. R. and Corcoran., S. 1989. The study of nursing informatics. Image: Journal of Nursing Scholarship 21(4):227-231]

Health care information technology is "impacted by numerous dynamics-patient outcomes, government legislation and regulation, emerging technologies, industry standards and cost/revenue constraints to name but a few." Some of industry's hottest issues include electronic health records, ambulatory care applications, privacy and security of health information and HIPAA, bar coding and other technologies that can improve patient safety, national disaster preparedness, integration and interoperability of information systems, and patient quality outcomes. See http://himss.org/ASP/topicsHome.asp.

How is Technology Impacting Registered Nurses?
Education. Online teaching/learning technologies provide students in all levels of health care education an opportunity to develop lifelong learning skills. This technology also provides health care professionals with just-in-time resources and learning opportunities that can be delivered either in the workplace or home setting. Newer "push" technologies such as podcasting offer health care professionals the opportunity to receive a stream of information specific to their role or practice. The use of high-fidelity simulation manikins has significantly improved the teaching of critical thinking and clinical judgment. Problem based learning will become increasingly important in nursing education.

Research. Technology is inherent in many nursing research initiatives, particularly those studies related to nursing informatics. The incorporation of information systems and "smart" technology in patient care delivery offers many research opportunities for nurse researchers seeking to improve patient care. Research will continue to develop evidence to guide best practices.
Direct patient care. Patient care delivery benefits from technology through the introduction of biomedical devices, information management that can streamline and improve patient care and patient safety, and those technologies related to telehealth that can provide health care services to patients who might otherwise not receive care. Implementing the electronic health record is perhaps the biggest target on the agenda of most health care organizations since it offers many benefits related to streamlining patient care, patient safety, quality of care, and coding and billing. The field of ergonomics promises to transform our ability to care for patients safely. In the future, safe patient handling may be common in health care delivery settings, allowing lifts to assist in moving patients. This will enable nurses to move patients safely as well as prevent injuries to caregivers.

Administrative issues. Administrative information systems for health care are available for all aspects of management such as financial, performance management, billing, resource management, communication, etc.
**Clinical Nurse Specialist**

**Description of Work**
A Clinical Nurse Specialist (CNS) is an advanced practice nurse whose care focuses on a specific patient population. CNSs choose an area of specialization, such as critical care, gerontology, oncology, or pediatrics. A CNS divides their time into five general areas - clinical practice, teaching, research, consulting, and leadership.

**Salary**
Mean annual salary for this position is $71,075 (according to salary.com).

**Where Employed**
While most CNSs work in hospitals, they can also practice independently or work in long-term care facilities and for various health care agencies. Some CNSs are also employed to teach in schools of nursing. Please refer to “Employers” section for directory of specific employers.

**Personal Qualifications**
Clinical Nurse Specialists must first develop expertise as an excellent clinical nurse. CNSs must be comfortable playing leadership roles, including leading health care teams of other nurses, physicians, pharmacists, and therapists. A high degree of self-confidence is needed to play the role of expert consultant and teacher to other health care team members. Since the CNS role is multifaceted, the applicant should have strong skills in prioritization, time management, and handling multiple responsibilities simultaneously.

**Entrance Requirement**
Graduate degree and specialty certification, beyond the basic RN licensure. Experience within the specialty is necessary and the amount of experience varies among educational programs.

**Educational Requirements**
A master’s degree is required. The Clinical Specialist track requires the completion of approximately 35 semester hours of both theory and practicum courses (usually including approximately 500 hours of work in a practice clinical setting). After completion of the graduate program, CNSs take certification exams in their area of specialty. Please refer to “Training and Education” section for specific education and training institutions and their requirements.

**For Further Information**
Please refer to “Professional Organizations” section for a list of professional organization Web sites.

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**Did You Know?**
Interesting facts or figures about technology in your health care field
Advanced Practice Nurses (APNs) are using Personal Digital Assistants (PDAs) both in the classroom and in the clinical setting. Some classes now offer "open-PDA" tests instead of open-book tests. Many computer programs are available for APNs to load on their PDAs that can be used while evaluating patients, including data collection and storage programs in addition to updated reference materials such as pharmacology information.

Cell phones are starting to be used as data collection devices by APNs.

APN courses use electronic resources such as Blackboard, D2L, and WebCT to set up online communities for students. Lectures can be recorded and made available and discussion threads can be posted using these programs.

Most APN students are required to own a computer, and within the foreseeable future ownership of a laptop and PDA may be a course requirement.

The staff support model for APN instructors includes graphic designers to provide updated technical support. This model also includes a librarian dedicated to aiding students and instructors to become competent consumers of information.

Distance education, online courses, and satellite teaching use live videostreaming for didactic instruction.
Nurse Practitioner

Description of Work
Nurse practitioners are registered nurses who have the advanced education and experience necessary to perform many duties traditionally performed by physicians, such as prescribing medications and providing physical examinations. Nurse practitioners are able to provide general medical care to patients who may not have access to a doctor. They diagnose illnesses, order diagnostic tests, prescribe treatments, counsel patients and families, and teach patients about proper health care.

Salary
Salaries for this position range from $65,865 to $77,467 (according to salary.com).

Where Employed
Nurse practitioners who work in clinic settings are supervised by physicians. Nurse practitioners work in hospitals, long-term care facilities, and for various health care agencies. Some nurse practitioners also teach in schools of nursing or direct research studies. Please refer to “Employers” section for directory of specific employers.

Personal Qualifications
Nurse practitioners need to be organized, responsible, caring and compassionate. They also must feel comfortable taking charge. A strong sense of self-esteem is necessary to feel comfortable working side-by-side with physicians and other members of the health care team. Strength in the sciences, such as chemistry and biology, is also important.

Entrance Requirement
Graduate degree and certification beyond the basic RN license. Experience is necessary and the amount of experience varies among educational programs.

Educational Requirements
A master’s degree is required. The degree usually takes about two years to complete. Certification comes from passing a national certification exam after completing the educational program, including at least 500 clinical practice hours. Please refer to “Training and Education” section for specific education and training institutions and their requirements.

For Further Information
Please refer to “Professional Organizations” section for a list of professional organization Web sites.

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Distance education, online courses, and satellite teaching use live videostreaming for didactic instruction.
Did You Know?

Interesting facts or figures about technology in your health care field

Data collection of positive birth outcomes (as good if not better) has been critical in support of the nurse midwife specialty in comparison to medical or obstetrician care in regard to politics, insurance, and patient interest.

Technology is used in day-to-day health care by nurse midwives.

Simulation is frequently used when learning advanced, high-risk skills in this profession (i.e., hand maneuvers for birth, interpretation of fetal heart rate tracings, steps to take during emergencies).

How is Technology Impacting Nurse Midwives?

Education. Simulation allows practice before being in a high-risk situation. Use of the digital library puts educational sources at the fingertips of students and faculty. More textbooks are now available in PDA format so sources can be immediately available in class or in the clinical setting. Online testing is increasingly used to give students flexibility.

Research. A variety of data collection tools have resulted in an explosion of clinical research possibilities.

Direct patient care. Patients are more technology-savvy, so clinicians have to meet them in that way, i.e., setting up systems to allow patients to make appointments or ask questions online. Having quick access to online sources keeps clinicians up-to-date and allows patients to view educational materials easily.

Administrative issues. The use of technology allows an increasingly sophisticated evaluation of budgets and financial assessment of practices. Benchmarking practice statistics against other practices locally or nationally has resulted in advanced quality improvement programs.

The national nurse midwife organization, the American College of Nurse-Midwives, has a Web site that lets the public search by location for nurse midwives, presents educational material for patients and potential employers, and encourages communication between midwives through a variety of online discussion forums.
Nurse Anesthetist

Description of Work
Nurse anesthesia is an advanced clinical nursing specialty. Certified Registered Nurse Anesthetists (CRNA) work closely with other health care professionals such as surgeons, dentists, podiatrists, and anesthesiologists. A CRNA takes care of a patient’s anesthesia needs before, during and after surgery or the delivery of a baby by: performing a physical assessment; participating in pre-operative teaching; preparing for anesthetic management; administering anesthesia to keep the patient pain free; maintaining anesthesia; overseeing recovery from anesthesia; and following the patient’s post-operative course from the recovery room to patient care unit. Nurse Anesthetists stay with their patients for the entire operative procedure, constantly monitoring every important body function and individually modifying the anesthetic medication to ensure maximum safety and comfort.

Salary
Mean annual salary for this position is $126,694 (according to salary.com).

Where Employed
CRNAs practice in a variety of private and public sectors and in the U.S. military, including traditional hospital surgical suites and obstetrical delivery rooms, ambulatory surgery centers, pain clinics, and physicians’ offices. They practice alone, in groups and collaboratively. Some CRNAs have independent contracting arrangements with physicians or hospitals. Please refer to “Employers” section for directory of specific employers.

Personal Qualifications
Must enjoy working with people and have the initiative to work independently. CRNAs need good judgment, the ability to identify and solve problems quickly, and advanced understanding of chemistry, biology, and pharmacology.

Entrance Requirements
Graduate degree and certification.

Educational Requirements
CRNAs are required to have 24 to 36 months of graduate level coursework including both classroom and extensive clinical experience. Most CRNA programs offer a master’s degree, some offer doctoral degrees. Depending on the particular program, the degrees are in nursing, allied health, or biological sciences. CRNAs must also pass a national certification exam. As a part of the recertification process they must also earn 40 hours of continuing education credits every two years. Please refer to “Training and Education” section for specific education and training institutions and their requirements.

For Further Information
Please refer to “Professional Organizations” section for a list of professional organization Web sites.

Did You Know?
Interesting facts or figures about technology in your health care field
Nurse anesthesia students may practice various clinical anesthesia procedures and case scenarios on computerized human patient simulators.

Some nurse anesthesia students not only view classroom lecture slides on the big screen but also may simultaneously view them on their own laptops through wireless Internet access in the lecture hall using Blackboard. They can add their own notes in real-time and access the class presentation for a given time period from any location using Blackboard and the Internet.

The Internet may also be used by nurse anesthesia students to perform meta-analyses of multiple research articles on various topics, and handheld PDAs may be used to look up drugs.

Nurse anesthesia students may use Web-based programs to keep track of cases performed and time spent in clinic and in study.

Some nurse anesthesia students complete all school evaluations using Web-based programs and the Internet.

How is Technology Impacting Nurse Anesthetist?
Research. Using the Internet for research decreases the amount of time needed to obtain articles and increases the number of articles consulted.

Direct patient care. Computerized charting and PDAs to look up drugs have had significant positive effects.

Administrative issues. E-mail is used constantly for communication. Company calendars are often used daily by administrative staff. Web-based catalogs are now being used for applicants to nurse anesthesia programs, and students are using Web-based (and printed) handbooks.

Some nurse anesthesia programs incorporate live streaming video to broadcast live into the lecture hall activities occurring simultaneously in other classes or labs with computerized human patient simulators.
Nursing Specialties

Registered nurses (RNs) can specialize in one or more patient care specialties. The most common specialties can be divided into roughly four categories:

- work setting or type of treatment;
- disease, ailment, or condition;
- organ or body system type; or
- population.

RNs may combine specialties from more than one area-for example, pediatric oncology or cardiac emergency-depending on personal interest and employer needs.

RNs may specialize by work setting or by type of care provided.

Ambulatory care nurses treat patients with a variety of illnesses and injuries on an outpatient basis, either in physicians’ offices or in clinics. Some ambulatory care nurses are involved in telehealth, providing care and advice through electronic communications media such as videoconferencing or the Internet.

Critical care nurses work in critical or intensive care hospital units and provide care to patients with cardiovascular, respiratory, or pulmonary failure.

Emergency or trauma nurses work in hospital emergency departments and treat patients with life-threatening conditions caused by accidents, heart attacks, and strokes. Some emergency nurses are flight nurses, who provide medical care to patients who must be flown by helicopter to the nearest medical facility.

Holistic nurses provide care such as acupuncture, massage and aroma therapy, and biofeedback, which are meant to treat patients’ mental and spiritual health in addition to their physical health.

Home health care nurses provide at-home care for patients who are recovering from surgery, accidents, and childbirth.

Hospice and palliative care nurses provide care for, and help ease the pain of, terminally ill patients outside of hospitals.

Infusion nurses administer medications, fluids, and blood to patients through injections into patients’ veins.

Long-term care nurses provide medical services on a recurring basis to patients with chronic physical or mental disorders.

Medical-surgical nurses provide basic medical care to a variety of patients in all health settings.

Occupational health nurses provide treatment for job-related injuries and illnesses and help employers detect workplace hazards and implement health and safety standards.

Perianesthesia nurses provide preoperative and postoperative care to patients undergoing anesthesia during surgery.

Perioperative nurses assist surgeons by selecting and handling instruments, controlling bleeding, and suturing incisions. Some of these nurses also can specialize in plastic and reconstructive surgery.

Psychiatric nurses treat patients with personality and mood disorders.

Radiologic nurses provide care to patients undergoing diagnostic radiation procedures such as ultrasounds and magnetic resonance imaging.

Rehabilitation nurses care for patients with temporary and permanent disabilities.

Transplant nurses care for both transplant recipients and living donors and monitor signs of organ rejection.

RNs specializing in a particular disease, ailment, or condition are employed in virtually all work settings including physicians’ offices, outpatient treatment facilities, home health care agencies, and hospitals.

Addictions nurses treat patients seeking help with alcohol, drug, and tobacco addictions.

Developmental disabilities nurses provide care for patients with physical, mental, or behavioral disabilities; care may include help with feeding, controlling bodily functions, and sitting or standing independently.

Diabetes management nurses help diabetics manage their disease by teaching them proper nutrition and showing them how to test blood sugar levels and administer insulin injections.

Genetics nurses provide early detection screenings and treatment of patients with genetic disorders, including cystic fibrosis and Huntington’s disease.

HIV/AIDS nurses care for patients diagnosed with HIV and AIDS.
Oncology nurses care for patients with various types of cancer and may administer radiation and chemotherapies.

Wound, ostomy, and continence nurses treat patients with wounds caused by traumatic injury, ulcers, or arterial disease; provide postoperative care for patients with openings that allow for alternative methods of bodily waste elimination; and treat patients with urinary and fecal incontinence.

RNs specializing in treatment of a particular organ or body system usually are employed in specialty physicians’ offices or outpatient care facilities, although some are employed in hospital specialty or critical care units.

Cardiac and vascular nurses treat patients with coronary heart disease and those who have had heart surgery, providing services such as postoperative rehabilitation.

Dermatology nurses treat patients with disorders of the skin such as skin cancer and psoriasis.

Gastroenterology nurses treat patients with digestive and intestinal disorders including ulcers, acid reflux disease, and abdominal bleeding. Some nurses in this field also specialize in endoscopic procedures, which look inside the gastrointestinal tract using a tube equipped with a light and a camera that can capture images of diseased tissue.

Gynecology nurses provide care to women with disorders of the reproductive system including endometriosis, cancer, and sexually transmitted diseases.

Nephrology nurses care for patients with kidney disease caused by diabetes, hypertension, or substance abuse.

Neuroscience nurses care for patients with dysfunctions of the nervous system including brain and spinal cord injuries and seizures.

Ophthalmic nurses provide care to patients with disorders of the eyes including blindness and glaucoma and to patients undergoing eye surgery.

Orthopedic nurses care for patients with muscular and skeletal problems including arthritis, bone fractures, and muscular dystrophy.

Otorhinolaryngology nurses care for patients with ear, nose, and throat disorders such as cleft palates, allergies, and sinus disorders.

Respiratory nurses provide care to patients with respiratory disorders such as asthma, tuberculosis, and cystic fibrosis.

Urology nurses care for patients with disorders of the kidneys, urinary tract, and male reproductive organs including infections, kidney and bladder stones, and cancers.

RNs may specialize by providing preventive and acute care in all health care settings to various segments of the population including newborns (neonatology), children and adolescents (pediatrics), adults, and the elderly (gerontology or geriatrics). RNs also may provide basic health care to patients outside health care settings in places such as correctional facilities, schools, summer camps, and the military. Some RNs travel around the U.S. and abroad providing care to patients in areas with shortages of medical professionals.

Advanced Practice Nurses
Most RNs work as staff nurses, providing critical health care services along with physicians, surgeons, and other health care practitioners. However, some RNs choose to become advanced practice nurses, who often are considered primary health care practitioners and work independently or in collaboration with physicians.

Clinical nurse specialists provide direct patient care and expert consultations in one of many of the nursing specialties listed above.

Nurse anesthetists administer anesthesia, monitor vital signs during surgery, and provide post-anesthesia care.

Nurse midwives provide primary care to women including gynecological exams, family planning advice, prenatal care, assistance in labor and delivery, and neonatal care.

Nurse practitioners provide basic preventive health care to patients and increasingly serve as primary and specialty care providers in mainly medically underserved areas. The most common areas of specialty for nurse practitioners are family practice, adult practice, women's health, pediatrics, acute care, and gerontology; however, there are many other specialties. In most states, advanced practice nurses can prescribe medications.
Nonclinical Nurses

Some nurses have jobs that require little or no direct patient contact. Most of these positions still require an active RN license.

Case managers ensure that all the medical needs of patients with severe injuries and illnesses are met including the type, location, and duration of treatment.

Forensics nurses combine nursing with law enforcement by treating and investigating victims of sexual assault, child abuse, or accidental death.

Infection control nurses identify, track, and control infectious outbreaks in health care facilities; develop methods of outbreak prevention and biological terrorism responses; and staff immunization clinics.

Legal nurse consultants assist lawyers in medical cases by interviewing patients and witnesses, organizing medical records, determining damages and costs, locating evidence, and educating lawyers about medical issues.

Nurse administrators supervise nursing staff, establish work schedules and budgets, and maintain medical supply inventories.

Nurse educators teach student nurses and also provide continuing education for RNs.

Nurse informaticists collect, store, and analyze nursing data in order to improve efficiency, reduce risk, and improve patient care.

Other Roles for Nurses

RNs also may work as health care consultants, public policy advisors, pharmaceutical and medical supply researchers and salespersons, and medical writers and editors.
**Introduction to Allied Health**

Allied health comprises a vast and varied group of health care fields, from physical therapists to dental laboratory technicians. While individual jobs in allied health differ significantly from one another, what they have in common is the role that technology plays in the education and career experience of allied health workers. While categorically different in the support and care they provide, allied health fields are facing the same shortages that the field of nursing is currently facing.

Technology continues to play a role in alleviating shortages by elevating the existing workforce to be more efficient and effective at the jobs they already perform and by educating a new generation of students to incorporate emerging technologies into practice. For example, the Luminetx Corporation of Memphis was featured at Wired magazine's annual technology symposium, NextFest, as the "Future of Health." The company has developed the VeinViewer, which uses computer and infrared technology to project a picture of the body's circulatory system onto the skin and aids in locating veins for intravenous procedures. This builds upon the already relatively new technology of transilluminators, which use LED technology to illuminate veins.

Tennessee is rich in educational opportunities, professional organizations, and career options for allied health professionals. Public institutions such as Tennessee Technological Centers and community colleges and many private, proprietary institutions provide a variety of specialties and options for education and training in allied health. Each school employs technology extensively, from sophisticated presentations to computer simulation laboratories. Professional organizations are creating task forces and writing position papers on the impact of technology on their prospective fields. They are also making travel a thing of the past by using voice-over-internet-protocol (VoIP) for phone conferencing and "webinars" instead of traditional conferences. Health care providers, from large hospitals to small clinics, increasingly train and employ persons well-versed in technologically advanced equipment in addition to using embedded computer chips to track such equipment.

Just as with nursing, technology will never fully replace allied health professionals and the emotional and personal aspects of their interactions with patients, but technology will continue to enhance patients overall experience within allied health. These fields and their unique technologies remain an integral component in providing quality health care to patients and in contributing to the overall functionality of hospitals, clinics, and private practice.
Normal and customary responsibilities of an incumbent professional in each field

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Physical Therapist

Description of Work
Physical therapists (PTs) provide services that help restore function, improve mobility, relieve pain, and prevent or limit permanent physical disabilities of patients suffering from injuries or disease. They restore, maintain, and promote overall fitness and health. Their patients include accident victims and individuals with disabling conditions such as low back pain, arthritis, heart disease, fractures, head injuries, and cerebral palsy.

Therapists examine patients’ medical histories, then test and measure their strength, range of motion, balance and coordination, posture, muscle performance, respiration, and motor function. They also determine patients’ ability to be independent and reintegrate into the community or workplace after injury or illness. Next, they develop treatment plans describing a treatment strategy, its purpose, and anticipated outcome.

Treatment often includes exercise for patients who have been immobilized and lack flexibility, strength, or endurance. They encourage patients to use their own muscles to further increase flexibility and range of motion before finally advancing to other exercises improving strength, balance, coordination, and endurance. Their goal is to improve how an individual functions at work and home. Physical therapists also use electrical stimulation, hot packs or cold compresses, and ultrasound to relieve pain and reduce swelling. They may use traction or deep-tissue massage to relieve pain. Therapists also teach patients to use assistive and adaptive devices such as crutches, prostheses, and wheelchairs. They also may show patients exercises to do at home to expedite their recovery.

As treatment continues, physical therapists document progress, conduct periodic examinations, and modify treatments when necessary. Such documentation is used to track the patient’s progress, and identify areas requiring more or less attention. Physical therapists often consult and practice with a variety of other professionals, such as physicians, dentists, nurses, educators, social workers, occupational therapists, speech-language pathologists, and audiologists.

Some physical therapists treat a wide range of ailments; others specialize in areas such as pediatrics, geriatrics, orthopedics, sports medicine, neurology, and cardiopulmonary physical therapy.

Salary
Mean annual salary for this position is $65,240.

Where Employed
Physical therapists practice in hospitals, clinics, and private offices that have specially equipped facilities, or they treat patients in hospital rooms, homes, or schools. Please refer to “Employers” section for directory of specific employers.

Personal Qualifications
Physical therapists should have strong interpersonal skills to successfully educate patients about their physical therapy treatments. They should also be compassionate and possess a desire to help patients. Similar traits also are needed to interact with the patient’s family. Most full-time physical therapists work a 40-hour week, which may include some evenings and weekends. The job can be physically demanding because therapists often have to stoop, kneel, crouch, lift, and stand for long periods. In addition, physical therapists move heavy equipment and lift patients or help them turn, stand, or walk.

Entrance Requirements
All states require physical therapists to pass a licensure exam before they can practice, after graduating from an accredited physical therapist educational program. Physical therapists are expected to continue professional development by participating in continuing education courses and workshops. A number of states require continuing education to maintain licensure.

Educational Requirements
Physical therapist programs start with basic science courses such as biology, chemistry, and physics, and then introduce specialized courses such as biomechanics, neuro-anatomy, human growth and development, manifestations of disease, examination techniques, and therapeutic procedures. Besides classroom and laboratory instruction, students receive supervised clinical experience. Courses useful when applying to physical therapist educational programs include anatomy, biology, chemistry, social science, mathematics, and physics. Before granting admission, many professional education programs require experience as a volunteer in a physical therapy department of a hospital or clinic. For high school students, volunteering with a school athletic trainer is a good way to gain experience. Please refer to “Training and Education” section for specific education and training institutions and their requirements.

For Further Information
Please refer to “Professional Organizations” section for a list of professional organization Web sites.

Did You Know?
Interesting facts or figures about technology in your health care field
There is now a gender-specific total knee prosthesis for women.
Many entry level physical therapists (PTs) will be doctors of physical therapy (DPTs) by 2020; this will require an undergraduate degree plus the DPT program (three years).

PTs are searching for evidence-based articles to back up their practices.

Many PTs are using computerized documentation systems and are linked to the overall medical record in their medical centers, allowing instant access to test results.

The American Physical Therapy Association (APTA) has created the Guide to Physical Therapy Practice, which insurance companies are referring to for standards (such as the range of PT visits recommended) in coverage of physical therapy services. This helps assure some level of standardization of treatment in the United States.

Approximately 55 percent of the physical therapist members of the American Physical Therapy Association work in either a private out-patient setting or a hospital clinic, where electrical modalities and technological diagnostic procedures are a typical part of any given day (www.apta.org).

Many physical therapists in various settings are now using handheld and/or laptop computers for documentation and communication with the main office or directly with the physician's office.

There are many new lightweight, portable electrical stimulation units and ultrasound devices for the therapist working in home health or traveling to multiple clinical sites.

According to the U.S. Department of Labor, Bureau of Labor Statistics, physical therapists held approximately 155,000 jobs in the year 2004, but the number of jobs is greater than the number of practicing physical therapists and employment is expected to increase due to the growing number of persons with physical disabilities (www.bls.gov/oco/ocos080.htm).

**How is Technology Impacting Physical Therapists?**

**Education.** Students are using computers to carry out assignments and the Internet to research medical topics and literature citations. Instructors are using computer simulations to teach basic science material such as gross anatomy. Schools are using the Internet to teach courses. Distance learning is a reality through Web-based instructional programs. There are much more sophisticated presentations at continuing education courses, and many courses are offered online. Some universities use "smart classrooms" for technological teaching strategies in physical therapy courses. Computerized gait labs for ambulation assessment are also used.

**Research.** Scientists are using computers to carry out the complex computations required in collecting and analyzing data. Gait analysis labs can record patients’ walking patterns and analyze many parameters of the walking cycle to better determine abnormal biomechanics of different populations of people. Library services can be accessed online with the ability to use various search engines. Major university medical centers offer online assistance with searches to staff as well as patients. Large electronic library resource databases, computer labs, and statistical analysis software make interpretation of research results easier.

**Direct patient care.** Patients are receiving advanced technology orthoses (braces) and prostheses (artificial limbs) with computerized controls. Therapists are teaching patients how to use these devices to function better. Patients are also receiving joint replacements designed by computer, some of which are designed based on the patients' own anatomy. This enables patients to function better. Exercise programs are available on CDs, which can be used to design patient-specific exercises. The therapist can point and click on different exercises and provide a printout of the exercises for the patient to take home, which means no more photocopying. Patient exercise programs on computers allow for the development of individualized and customized programs in less time than in the past.

The field of physical therapy is continually demonstrating advances in electrical therapeutic modalities. Technological advances have been made in the field of pain management including the use of photonic laser therapy and electrical current for pain management, wound healing, and edema management, as well as functional electrical stimulation. It is imperative that diagnostic testing is state-of-the-art, with researchers in the field of rehabilitation working on ways to improve the assessment of patients, especially in the electrodiagnostic arena, and improve the accuracy of tests such as nerve conduction velocity and electromyography. Biofeedback helps teach patients to effectively use specific muscle groups for improved function. There are newer ways to fit patients with prosthetic limbs or orthotic devices with three-dimensional laser scanning, and new advancements have been recently made in the fitting and fabrication of positioning equipment for wheelchairs.

**Administrative issues.** Many administrative tasks, such as renewing professional licenses, can be carried out over the Internet. Online annual performance reviews decrease paperwork and offer more consistency in assessments. With the Internet, administrators can now access relevant information for governance, insurance guidelines, and professional organization correspondence. Administrators can call their therapists in the home health field using cell phones or through their lap-top computers.
**Physical Therapist Assistant**

**Description of Work**
Physical therapist assistants perform a variety of tasks. Components of treatment procedures performed by these workers, under the direction and supervision of physical therapists, involve exercises, massages, electrical stimulation, paraffin baths, hot and cold packs, traction, and ultrasound. Physical therapist assistants record the patient’s responses to treatment and report to the physical therapist the outcome of each treatment.

**Salary**
Mean annual salary for this position is $39,380.

**Where Employed**
Physical therapist assistants work alongside physical therapists in a variety of settings. About 60 percent of jobs for assistants are in hospitals or offices of physical therapists. Others work in nursing and personal care facilities, outpatient rehabilitation centers, offices and clinics of physicians, and home health agencies. Please refer to “Employers” section for directory of specific employers.

**Personal Qualifications**
Physical therapist assistants need to have a moderate degree of strength, due to the physical exertion required in assisting patients with their treatment. For example, in some cases, assistants and aides need to help lift patients. Additionally, constant kneeling, stooping, and standing for long periods are all part of the job.

**Entrance Requirements**
Physical therapist assistants typically earn an associate’s degree from an accredited physical therapist assistant program. Licensure or registration is not required in all states for the physical therapist assistant to practice. The states that require licensure stipulate specific educational and examination criteria. Complete information on practice acts and regulations can be obtained from the state licensing boards. Additional requirements may include certification in CPR and other first aid and a minimum number of hours of clinical experience.

**Educational Requirements**
Accredited physical therapist assistant programs are designed to last two years, or four semesters, and culminate in an associate’s degree. Programs are divided into academic study and hands-on clinical experience. Academic coursework includes algebra, anatomy and physiology, biology, chemistry, and psychology. Before students begin their clinical field experience, many programs require that they complete a semester of anatomy and physiology and have certifications in CPR and other first aid. Both educators and prospective employers view clinical experience as an integral part of ensuring that students understand the responsibilities of a physical therapist assistant. Please refer to “Training and Education” section for specific education and training institutions and their requirements.

**For Further Information**
Please refer to “Professional Organizations” section for a list of professional organization Web sites.

**How is Technology Impacting Physical Therapist Assistants?**

**Education.** Students have generally stopped using traditional libraries. Most students use online access to library information. Programs are beginning the shift toward ITV courses. Students need to be computer competent to begin the educational process.

**Direct patient care.** More documentation is electronically based. More PT equipment is now run by computer.

**Administrative issues.** Computerized patient records can help in preparation for outcome-based reimbursement.
**Occupational Therapist**

**Description of Work**

Occupational therapists (OTs) help people improve their ability to perform tasks in their daily living and working environments. They work with individuals who have conditions that are mentally, physically, developmentally, or emotionally disabling. They also help them to develop, recover, or maintain daily living and work skills.

Occupational therapists not only help clients improve basic motor functions and reasoning abilities, but also compensate for permanent loss of function. Their goal is to help clients have independent, productive, and satisfying lives. Recording a client’s activities and progress is an important part of an occupational therapist’s job. Accurate records are essential for evaluating clients, billing, and reporting to physicians and others.

Occupational therapists assist clients in performing activities of all types, ranging from using a computer, to caring for daily needs such as dressing, cooking, and eating.

Occupational therapists may use computer programs to help clients improve decision-making, abstract reasoning, problem solving, and perceptual skills, as well as memory, sequencing, and coordination—all of which are important for independent living. For those with permanent functional disabilities, such as spinal cord injuries, cerebral palsy, or muscular dystrophy, therapists instruct in the use of adaptive equipment such as wheelchairs, splints, and aids for eating and dressing. They also design or make special equipment needed at home or at work and teach clients with severe limitations how to use the equipment in order to better communicate and control various aspects of their environment. Some occupational therapists treat individuals whose ability to function in a work environment has been impaired. They arrange employment, plan work activities, and evaluate the client’s progress.

Occupational therapists may work exclusively with individuals in a particular age group, or with particular disabilities. In schools, for example, they evaluate children’s abilities, recommend and provide therapy, modify classroom equipment, and in general, help children participate as fully as possible in school programs and activities. Occupational therapy is also beneficial to the elderly population. Therapists help senior citizens lead more productive, active, and independent lives through a variety of methods, including the use of adaptive equipment.

Occupational therapists in mental health settings treat individuals who are mentally ill, mentally retarded, or emotionally disturbed. To treat these problems, therapists choose activities that help people learn to cope with daily life. Activities include time management skills, budgeting, shopping, homemaking, and use of public transportation. They may also work with individuals who are dealing with alcoholism, drug abuse, depression, eating disorders, or stress related disorders.

**Salary**

Mean annual salary for this position is $59,510.

**Where Employed**

The largest number of jobs was in hospitals, including many in rehabilitation and psychiatric hospitals. Other major employers include offices and clinics of occupational therapists and other health practitioners, school systems, home health agencies, nursing homes, community mental health centers, adult daycare programs, job training services, and residential care facilities. Some occupational therapists are self-employed in private practice and may see clients referred by physicians or other health professionals. They may also contract to provide consulting services to a variety of agencies.

Please refer to “Employers” section for directory of specific employers.

**Personal Qualifications**

Occupational therapists need patience and strong interpersonal skills to inspire trust and respect in their clients. Ingenuity and imagination in adapting activities to individual needs are assets. Ease in adapting to new settings is also an asset.

**Entrance Requirements**

A master’s degree in occupational therapy is the minimum requirement for entry into this field. All states, Puerto Rico, and the District of Columbia regulate occupational therapy. To obtain a license, applicants must graduate from an accredited educational program, and pass a national certification examination. Those who pass the test are awarded the title of registered occupational therapist.

**Educational Requirements**

Persons considering this profession should take high school courses in biology, chemistry, physics, health, art, and the social sciences. College admissions offices also look favorably at paid or volunteer experience in the health care field.

Occupational therapy coursework includes physical, biological, and behavioral sciences, and the application of occupational therapy theory and skills. Completion of six months of supervised fieldwork also is required.

Please refer to “Training and Education” section for specific education and training institutions and their requirements.

Continued on next page
FOR FURTHER INFORMATION
Please refer to “Professional Organizations” section for a list of professional organization Web sites.

DID YOU KNOW?
Interesting facts or figures about technology in your health care field
Occupational therapy (OT) students are taking notes on laptops, communicating with classmates and professors regarding coursework, and researching various topics on the Internet.

OT students are using their laptops and/or desktop computers to prepare and deliver presentations for class.

HOW IS TECHNOLOGY IMPACTING OCCUPATIONAL THERAPISTS?
Education. Gone are the days of one’s resources being limited to one’s personal library or the public or university library. Now there are seemingly limitless resources available online, and often they are free. Web-based courses may have assignments and course-related discussions online. Continuing education courses are often online, and students often have laptops for PowerPoint presentations complete with digital pictures or video input.

Research. Online resource information complements traditional sources. Students use the Internet and online resources to complete the majority of their research. Computers also provide easy communication between researchers. The same study can take place at multiple sites simultaneously, making it easier to collect large amounts of data in less time. The data can be compiled, analyzed, and shared by all involved.

Direct patient care: Occupational therapists need to be proficient in computer skills and efficient in electronic clinic paperwork. They are often able to answer questions related to diagnoses patients have through the Internet. They can seek guidance with treatment through chatrooms sponsored by their professional organizations. They can collect information regarding adaptive equipment options for patients to deal with a particular disability or home modification dilemma. Occupational therapists working with younger populations may use personal computers in their treatment because computers are part of the daily routine for many children and adults.

Administrative issues. Technology is increasingly being used for grading purposes in OT school and communication, management of human resources, and marketing in the field of occupational therapy.
Occupational Therapist Assistant

Description of Work
Occupational therapist assistants help clients with rehabilitative activities and exercises outlined in a treatment plan developed in collaboration with an occupational therapist. Activities range from teaching the proper method of moving from a bed into a wheelchair to the best way to stretch and limber the muscles of the hand. Assistants monitor an individual’s activities to make sure they are performed correctly and provide encouragement. They also record their client’s progress for use by the occupational therapist. If the treatment is not having the intended effect, or the client is not improving as expected, the therapist may alter the treatment program in hopes of obtaining better results. In addition, occupational therapist assistants document billing of the client’s health insurance provider.

Salary
Mean annual salary for this position is $44,430.

Where Employed
About 30 percent of assistants worked in hospitals, 23 percent worked in offices of occupational therapists, and 18 percent in nursing and personal care facilities. The remainder primarily worked in offices and clinics of physicians, social services agencies, outpatient rehabilitation centers, and home health agencies. Please refer to “Employers” section for directory of specific employers.

Personal Qualifications
Assistants and aides must be responsible, patient, and willing to take directions and work as part of a team. Furthermore, they should be caring and want to help people who are not able to help themselves. Occupational therapist assistants need to have a moderate degree of strength, due to the physical exertion required in assisting patients with their treatment. For example, in some cases, assistants need to help lift patients. Additionally, constant kneeling, stooping, and standing for long periods all are part of the job.

Entrance Requirements
Persons must complete an associate’s degree or certificate program from an accredited community college or technical school to qualify for occupational therapist assistant jobs. Students also must complete supervised fieldwork in a clinic or community setting.

Occupational therapist assistants are regulated in most States, and must pass a national certification examination after they graduate. Those who pass the test are awarded the title of certified occupational therapist assistant.

Educational Requirements
Applicants to occupational therapist assistant programs can improve their chances of admission by taking high school courses in biology and health and by performing volunteer work in nursing homes, occupational or physical therapist’s offices, or elsewhere in the health care field. Please refer to “Training and Education” section for specific education and training institutions and their requirements.

For Further Information
Please refer to “Professional Organizations” section for a list of professional organization Web sites.

Did You Know?
Interesting facts or figures about technology in your health care field
Occupational therapist assistants (OTAs) are seeing many more patients for repetitive stress injuries related to personal digital assistants (PDAs), gaming, and text messaging.

OTAs use handheld computers to help persons with cognitive disabilities organize and structure their day. The computers serve as calendars, reminders, and data storage devices. Usage of handheld computers in this way is allowing greater social participation for people with disabilities.

Virtual Reality (VR) is a new modality for OTAs. With virtual reality simulators, patients can work on skills such as range of motion, balance, eye-hand-body coordination and strength. VR has even been considered to help students with Asperger's or autism to work on appropriate social interactions.

OTAs work to help people age in place. Improved technology and lower costs have impacted environmental modifications available for the home. Environmental control units are smaller and less costly and allow a person to control everything from the lights to the TV to the telephone.

How is Technology Impacting Occupational Therapist Assistants?
Education. Computer-based testing in school and national board exams has had a significant effect. Formats such as Blackboard and WebCT mean that students have access to classroom resources at all times.

Research. Articles and research opportunities are now readily accessible with only a computer and Internet access.

Direct patient care. Technology used in treatment can create new problems for users and patients which can be addressed by OTAs.

Administrative issues. Documentation is rapidly changing from a paper- to computer-based system.
**Athletic Training**

**Description of Work**
The certified athletic trainer (ATC) is an educated and skilled professional specializing in the prevention, treatment, and rehabilitation of injuries. In cooperation with physicians and other allied health personnel, the ATC functions as an integral member of the athletic health care team in secondary schools, colleges and universities, sports medicine clinics, professional sports programs, industrial settings, and other health care environments. In 1990, the American Medical Association recognized athletic training as an allied health profession.

**Salary**
Mean annual salary for this position is $33,220.

**Where Employed**
Most athletic training employment in Tennessee is at the university and college level and in sports medicine clinics. Please refer to “Employers” section for directory of specific employers.

**Personal Qualifications**
The athletic trainer must be able to work well with physicians and other allied health personnel as part of an athletic health care team. An athletic trainer should be responsible, patient, and have the desire to help athletes and other physically active individuals.

**Entrance Requirements**
To practice athletic training in the state of Tennessee a person must be NATABOC certified and must pass a Tennessee athletic training licensure examination.

**Educational Requirements**
A bachelor’s degree in athletic training from a National Athletic Trainer’s Association (NATA) Commission on Accreditation of Allied Health Education Programs (CAA-HEP) accredited entry-level program was required in 2004 to be eligible for NATA Board of Certification (BOC) examination candidacy.

Certified athletic trainers assist in the prevention, identification, management, and rehabilitation of injuries to athletes and the physically active population. They have formal training in anatomy, physiology, exercise science, psychology, and emergency medicine, pharmacology, kinesiology and pharmacology. Please refer to “Training and Education” section for specific education and training institutions and their requirements.

**For Further Information**
Please refer to “Professional Organizations” section for a list of professional organization Web sites.

**Did You Know?**
**Interesting facts or figures about technology in your health care field**
Seventy percent of athletic trainers have a master's degree or doctorate (www.nata.org).

The American Medical Association (AMA) granted athletic trainers a designated current procedural terminology (CPT) and uniform billing (UB) codes for documenting care given to clients/patients (www.nata.org).

The Board of Certification (BOC) examination is going to an online format (www.bocatc.org).

Athletic trainers use computerized injury recording and tracking programs to manage documentation of medical information, injury, and rehabilitation information on clients/patients.

Athletic trainers use digital instruments to evaluate environmental conditions to determine if the weather and environment is safe for athletic activity.

Athletic training programs often have teaching laboratories with many computerized and technological modalities and equipment used in the management and treatment of athletic injuries. Students get hands-on experience and interaction with clients/patients.

Athletic training students often use the Internet and online databases for research. Courses or components of courses may use digital video and/or Web-based testing, surveys, and course delivery techniques to administer content and material in a variety of ways for the various learning styles of students.
Recreational Therapist

Description of Work

Recreational therapists, also referred to as therapeutic recreation specialists, provide treatment services and recreation activities to individuals with disabilities, illnesses, or other disabling conditions. Therapists treat and maintain the physical, mental, and emotional well being of clients using a variety of techniques, including the use of arts and crafts, animals, sports, games, dance and movement, drama, music, and community outings. Therapists help individuals reduce depression, stress, and anxiety. They also help individuals recover basic motor functioning and reasoning abilities, build confidence, and socialize effectively to enable greater independence, as well as to reduce or eliminate the effects of illness or disability. They help integrate people with disabilities into the community by helping them use community resources and recreational activities. Recreational therapists should not be confused with recreation and fitness workers, who organize recreational activities primarily for enjoyment.

In acute health care settings, such as hospitals and rehabilitation centers, recreational therapists treat and rehabilitate individuals with specific health conditions, usually in conjunction or collaboration with other health care professionals. In long-term and residential care facilities, recreational therapists use leisure activities—especially structured group programs—to improve and maintain general health and well being. They may also treat clients and provide interventions to prevent further medical problems and secondary complications related to illness and disabilities.

Recreational therapists assess clients, based on information from standardized assessments, observations, medical records, medical staff, family, and clients themselves. They then develop and carry out therapeutic interventions consistent with client needs and interests. Recreational therapists may instruct patients in relaxation techniques to reduce stress and tension, stretching and limbering exercises, proper body mechanics for participation in recreation activities, pacing and energy conservation techniques, and individual as well as team activities. Additionally, therapists observe and document patients’ participation, reactions, and progress.

Community-based therapeutic recreation specialists may work in park and recreation departments, special education programs for school districts, or programs for older adults and people with disabilities such as assisted living, adult day care, and substance abuse rehabilitation centers. Therapists use interventions to develop specific skills while providing opportunities for exercise, mental stimulation, creativity, and fun. Some therapists work in schools help counselors, teachers, and parents address the special needs of students—most importantly, easing the transition into adult life for disabled students.

Salary

Mean annual salary for this position is $33,800.

Where Employed

Almost 60 percent of jobs for therapists were in nursing and personal care facilities and hospitals, while others worked in residential facilities, community mental health centers, adult day care programs, correctional facilities, and community programs for people with disabilities, and substance abuse centers. Only a small number of therapists were self-employed, generally contracting with agencies to develop and oversee programs. Please refer to “Employers” section for directory of specific employers.

Personal Qualifications

Therapists often lift and carry equipment as well as lead or demonstrate recreational activities. Recreational therapists generally work a 40-hour week that may include some evenings, weekends, and holidays. Recreational therapists should be comfortable working with persons who are ill or have disabilities, be patient, tactful, and persuasive when working with people who have a variety of special needs, have ingenuity, a sense of humor, and imagination to adapt activities to individual needs. Physical coordination is also required for leading and demonstrating activities.

Entrance Requirements

A bachelor’s degree in therapeutic recreation, or in recreation with a concentration in therapeutic recreation, is the usual requirement for entry-level positions. Persons may qualify for paraprofessional positions with an associate degree in therapeutic recreation or a health care related field. An associate degree in recreational therapy, training in art, drama, or music therapy, or qualifying work experience may be sufficient for activity director positions in nursing homes. Most employers prefer to hire candidates who are certified therapeutic recreation specialists (CTRS).

Educational Requirements

Students study human anatomy, physiology, abnormal psychology, medical and psychiatric terminology, characteristics of illnesses and disabilities, professional ethics, and the use of assistive devices and technology. Please refer to “Training and Education” section for specific education and training institutions and their requirements.

For Further Information

Please refer to “Professional Organizations” section for a list of professional organization Web sites.

Continued on next page
**Did You Know?**

Interesting facts or figures about technology in your health care field

Only 28.4 percent of Americans with disabilities have access to the Internet at home or work, compared to 56.7 percent of persons without disabilities.

Based on the Harris Poll, since 1986, the "gap areas" identified are employment, education, community participation, transportation, political participation, health care, religious participation, and use of technology.

Fifty-two percent of those with disabilities report being more informed about the world as compared to 39 percent of those without disabilities.

Forty-two percent of Americans with disabilities report that the Internet has significantly increased the ability to reach out to people with similar experiences and interests as compared to 30 percent of those without disabilities.

**How is Technology Impacting Recreational Therapists?**

Recreational therapy, also referred to as therapeutic recreation, focuses on purposeful intervention using activities such as water sports, gardening, board games, snow skiing, running, horseback riding, reading, sewing, hunting, and collecting. The profession uses the holistic approach and addresses physical, mental, social, and emotional well-being of clients.

Students wishing to become nationally certified therapeutic recreation specialists (CTRS) must complete a four-year degree and sit for the national certification exam.

Technology is playing an increasingly important role in all therapies and relative to all of the seven categories of disability based on the Americans with Disabilities Act of 1990, i.e. communication disorders, chemical dependency, cognitive impairment, chronic health impairment, sensory impairment, physical disability, and impaired mental functioning.

A very helpful Web site and a place where many students majoring in recreational therapy choose to do internships is www.goodshepherdrehab.org. Good Shepherd has a health and technology center at its facility that is instrumental in the rehabilitation of persons recovering from head injury, stroke, paralysis, and other physically based disabilities.
**Speech-Language Pathologist**

**Description of Work**
Speech-language pathologists assess, diagnose, treat, and help to prevent speech, language, cognitive, communication, voice, swallowing, fluency, and other related disorders. (Audiologists are discussed elsewhere in this publication.)

Speech-language pathologists work with people who cannot make speech sounds, or cannot make them clearly; those with speech rhythm and fluency problems, such as stuttering; people with voice quality problems, such as inappropriate pitch or harsh voice; those with problems understanding and producing language; those who wish to improve their communication skills by modifying an accent; and those with cognitive communication impairments, such as attention, memory, and problem solving disorders. They also work with people who have oral motor problems causing eating and swallowing difficulties.

**Salary**
Mean annual salary for this position is $55,300.

**Where Employed**
About one-half of jobs for speech-language pathologists and audiologists were in preschools, elementary and secondary schools, or colleges and universities. Others were in offices of speech-language pathologists and audiologists, hospitals, offices of physicians, speech, language, and hearing centers, home health agencies, or other facilities. A few are self-employed in private practice. They contract to provide services in schools, physicians offices, hospitals, or nursing care facilities or work as consultants to industry. Please refer to “Employers” section for directory of specific employers.

**Personal Qualifications**
Speech-language pathologists usually work at a desk or table in clean, comfortable surroundings. The job is not physically demanding but does require attention to detail and intense concentration. The emotional needs of clients and their families may be demanding. Most full-time speech-language pathologists work about 40 hours per week, though some work part time. Those who work on a contract basis may spend a substantial amount of time traveling between facilities.

Speech-language pathologists should be able to effectively relay diagnostic test results, diagnoses, and treatment in a manner easily understood by patients and families. They must approach problems objectively and be supportive. Because patients progress may be slow, patience, compassion, and good listening skills are necessary.

**Entrance Requirements**
Of the states that regulate licensing (47 for speech-language pathologists), all require a master’s degree or equivalent. Other requirements are 300 to 375 hours of supervised clinical experience, a passing score on a national examination, and nine months of postgraduate professional clinical experience. Forty-one states have continuing education requirements for licensure renewal. Medicaid, Medicare, and private health insurers generally require a practitioner to be licensed to qualify for reimbursement.

**Educational Requirements**
About 239 colleges and universities offer accredited graduate programs in speech-language pathology in the United States. Please refer to “Training and Education” section for specific education and training institutions and their requirements.

**For Further Information**
Please refer to “Professional Organizations” section for a list of professional organization Web sites.

**Did You Know?**
Interesting facts or figures about technology in your health care field
Communication disorders students, both those studying to become speech-language pathologists (SLPs) and audiologists (AUDs), are creating PowerPoint presentations to aid in the presentation of papers.

Communication disorders students are creating their own therapy materials using the software package Boardmaker, a program that uses picture communication symbols, i.e., clip art, which are used in creating printed communication boards, device overlays, worksheets, and schedules.

Communication disorders students are researching communication disorders and their etiologies and evidence-based practice using the Internet.

**How is Technology Impacting Speech-Language Pathologists?**

**Education.** Students' use of PowerPoint to present papers has a way of focusing the student on the task at hand.

**Research.** Research on the Internet reduces the time spent looking for documentation and support of research. The volume of research available electronically makes this a desirable and viable way to do literature reviews.

**Direct patient care.** The amount and availability of computer-based therapy tools is increasing and has a positive impact on patient progress in therapy. The ability of students to create their own materials using Boardmaker and similar products dramatically increases the resources available to them.

**Administrative issues.** Grade books kept in Excel enable instructors to streamline grade-keeping and reduce calculation errors in complex weighted grading schemes.
**Speech-Language Pathology Aide (and Assistant)**

**Description of Work**
Speech-language pathology aides (and speech-language pathology assistants—SLPAs) are support personnel who, following academic and/or on-the-job training, perform tasks prescribed, directed, and supervised by ASHA-certified speech-language pathologists. See *Speech Language Pathologist* for the specific activities that the speech language pathologist assistant or aide might assist with.

There are typically two levels of support personnel— aides and assistants. Based on level of training, these support personnel may have a different scope of responsibilities in the work setting. Aides, for example, have a different, usually narrower, training base and a more limited scope of responsibilities than speech-language pathology assistants. Different terminology may be used to refer to support personnel in speech-language pathology (e.g., communication aides, paraprofessionals, service extenders).

**Salary**
Mean annual salary for this position is $26,640.

**Where Employed**
Speech-language pathology aides (and speech-language pathology assistants-SLPAs) may be employed anywhere that employs speech pathologists. About one-half of jobs for speech language pathologists and audiologists were in preschools, elementary and secondary schools, or colleges and universities. Others were in offices of speech-language pathologists and audiologists, hospitals, offices of physicians, speech, language, and hearing centers, home health agencies, or other facilities. Please refer to “Employers” section for directory of specific employers.

**Personal Qualifications**
Speech language pathology aides (and assistants) usually work at a desk or table in clean, comfortable surroundings. The job is not physically demanding but does require attention to detail and intense concentration. The emotional needs of clients and their families may be demanding. Most full-time speech-language pathologist aides (and assistants) work about 40 hours per week, though some work part time. Those who who work on a contract basis may spend a substantial amount of time traveling between facilities.

**Entrance Requirements**
American Speech-Language-Hearing Association (ASHA) recommends completion of an associate’s degree from a technical training program with a program of study designed to prepare the student to be a speech-language pathology aide or assistant. Because the requirements for speech-language pathology support personnel vary across the country, persons interested in serving as speech-language pathology assistants should check with the state of intended employment for that state’s specific requirements. State agencies (licensure boards) currently regulating support personnel have training requirements that range from a high school diploma to a baccalaureate degree + graduate credit hours, as well as a variety of differing requirements for those supervising these individuals. In addition to state regulatory agencies, state education agencies may credential support personnel to work solely in schools to support service delivery provided by a qualified speech-language pathologist.

**Educational Requirements**
As of September 2003, ASHA is aware of 27 operational associate degree programs for speech-language pathology assistants and 73 institutions that are considering and/or developing programs. Some of these programs are exploring training opportunities through distance learning and collaborations between community colleges and institutions of higher education. For a self-identified list of SLPA training programs, contact slpa@asha.org. Please refer to “Training and Education” section for specific education and training institutions and their requirements.

**For Further Information**
Please refer to “Professional Organizations” section for a list of professional organization Web sites.

**Did You Know?**
Interesting facts or figures about technology in your health care field
Communication disorders students, both those studying to become speech-language pathologists (SLPs) and audiologists (AUDs), are creating PowerPoint presentations to aid in the presentation of papers.

Communication disorders students are creating their own therapy materials using the software package Boardmaker, a program that uses picture communication symbols, i.e., clip art, which are used in creating printed communication boards, device overlays, worksheets, and schedules.

Communication disorders students are researching communication disorders and their etiologies and evidence-based practice using the Internet.

**How is Technology Impacting Speech-Language Pathology Aides and Assistants?**
Education. Students’ use of PowerPoint to present papers has a way of focusing the student on the task at hand.
Research. Research on the Internet reduces the time spent looking for documentation and support of research. The volume of research available electronically makes this a desirable and viable way to do literature reviews.

Direct patient care. The amount and availability of computer-based therapy tools is increasing and has a positive impact on patient progress in therapy. The ability of students to create their own materials using Boardmaker and similar products dramatically increases the resources available to them.

Administrative issues. Grade books kept in Excel enable instructors to streamline grade-keeping and reduce calculation errors in complex weighted grading schemes.
Speech-Language Pathology Audiologist

Description of Work
Audiologists work with people who have hearing, balance, and related sensory and neural problems. They use audiometers, computers, and other testing devices to measure the loudness at which a person begins to hear sounds, the ability to distinguish between sounds, and the nature and extent of hearing loss. They use computer equipment to evaluate and diagnose balance disorders. Audiologists interpret these results and may coordinate them with medical, educational, and psychological information to make a diagnosis and determine a course of treatment.

Audiologists may conduct research on types of, and treatment for, hearing, balance, and related disorders. Others design and develop equipment or techniques for diagnosing and treating these disorders.

Entrance Requirements
Of the states that regulate licensing (49 for speech-language pathology audiologists), all require a master’s degree or equivalent.

However, a clinical doctoral degree is expected to become the new standard, and several states are currently in the process of changing their regulations to require the Doctor of Audiology degree or equivalent.

Audiologists can acquire the Certificate of Clinical Competence in Audiology (CCC-A) offered by the American Speech-Language-Hearing Association. To earn a CCC, a person must have a graduate degree and 375 hours of supervised clinical experience, complete a 36-week postgraduate clinical fellowship, and pass the Praxis Series examination in audiology, administered by the Educational Testing Service. According to the American Speech-Language-Hearing Association, as of 2007, audiologists will need to have a bachelor's degree and complete 75 hours of credit toward a doctoral degree in order to seek certification. As of 2012, audiologists will have to earn a doctoral degree in order to be certified.

Audiologists may also be certified through the American Board of Audiology. Applicants must earn a Master's or Doctoral degree in audiology from a regionally accredited college or university, achieve a passing score on a national examination in audiology, and demonstrate that they have completed a minimum of 2,000 hours of mentored professional practice in a two-year period with a qualified audiologist. Certificants must apply for renewal every three years. They must demonstrate that they have earned 45 hours of approved continuing education within the three-year period. Beginning in the year 2007, all applicants must earn a doctoral degree in audiology.

Educational Requirements
About 24 colleges and universities offer masters level programs in audiology and 62 offer doctoral programs in the United States. Course work includes anatomy; physiology; basic science; math; physics; genetics; normal and abnormal communication development; auditory, balance and neural systems assessment and treatment; audologic rehabilitation; and ethics.

For Further Information
Please refer to “Professional Organizations” section for a list of professional organization Web sites.
**Did You Know?**

**Interesting facts or figures about technology in your health care field**

Communication disorders students, both those studying to become speech-language pathologists (SLPs) and audiologists (AUDs), are creating PowerPoint presentations to aid in the presentation of papers.

Communication disorders students are creating their own therapy materials using the software package Boardmaker, a program that uses picture communication symbols, i.e., clip art, which are used in creating printed communication boards, device overlays, worksheets, and schedules.

Communication disorders students are researching communication disorders and their etiologies and evidence-based practice using the Internet.

**How is Technology Impacting Speech-Language Pathology Audiologists?**

**Education.** Education. Students’ use of PowerPoint to present papers has a way of focusing the student on the task at hand.

**Research.** Research on the Internet reduces the time spent looking for documentation and support of research. The volume of research available electronically makes this a desirable and viable way to do literature reviews.

**Direct patient care.** The amount and availability of computer-based therapy tools is increasing and has a positive impact on patient progress in therapy. The ability of students to create their own materials using Boardmaker and similar products dramatically increases the resources available to them.

**Administrative issues.** Grade books kept in Excel enable instructors to streamline grade-keeping and reduce calculation errors in complex weighted grading schemes.
Respiratory Therapist/Respiratory Therapist Technician

Description of Work
Respiratory therapists and respiratory therapy technicians—also known as respiratory care practitioners—evaluate, treat, and care for patients with breathing and other cardiopulmonary disorders. Respiratory therapists assume primary responsibility for all respiratory care treatments, including the supervision of respiratory therapy technicians. Respiratory therapy technicians provide specific, well-defined respiratory care procedures under the direction of respiratory therapists and physicians. In clinical practice, many of the daily duties of therapists and technicians overlap, although therapists generally have more experience than technicians. In this section, the term respiratory therapists include both respiratory therapists and respiratory therapy technicians.

To evaluate patients, respiratory therapists test the capacity of the lungs and analyze oxygen, carbon dioxide, and other gases in the blood. They also measure the patient’s potential of hydrogen (pH), which indicates the acidity or alkalinity level of the blood. To measure lung capacity, patients breathe into an instrument that measures the volume and flow of oxygen during inhalation and exhalation. By comparing the reading with the norm for the patient’s age, height, weight, and sex, respiratory therapists can determine whether lung deficiencies exist. To analyze oxygen, carbon dioxide, and pH levels, therapists draw an arterial blood sample, place it in a blood gas analyzer, and relay the results to a physician.

Respiratory therapists treat all types of patients, ranging from premature infants whose lungs are not fully developed to elderly people whose lungs are diseased. These workers provide temporary relief to patients with chronic asthma or emphysema, as well as emergency care to patients who are victims of a heart attack, stroke, drowning, or shock.

Salary
Mean annual salary for a Respiratory Therapist is $43,250. Mean annual salary for a Respiratory Therapist Technician is $33,990.

Where Employed
More than four out of five jobs were in hospital departments of respiratory care, anesthesiology, or pulmonary medicine. Respiratory therapy clinics, offices of physicians, nursing homes, and firms that supply respiratory equipment for home use accounted for most of the remaining jobs.

Please refer to “Employers” section for directory of specific employers.

Personal Qualifications
Respiratory therapists generally work between 35 and 40 hours a week. Because hospitals operate around the clock, therapists may work evenings, nights, or weekends. They spend long periods standing and walking between patients’ rooms. In an emergency, therapists work under a great deal of stress.

Therapists should be sensitive to patients’ physical and psychological needs. They must pay attention to detail, follow instructions, and work as part of a team. In addition, operating advanced equipment requires proficiency with computers.

Entrance Requirements
Persons may qualify for entry into the field of respiratory therapy by earning an associate’s or bachelor’s degree entering the field as a registered respiratory therapist (RRT) or by earning an award certificate through a shorter program qualifying as a certified respiratory therapist (CRT) – See below for more details on CRT requirements.

Educational Requirements
Areas of study for respiratory therapy programs include human anatomy and physiology, pathophysiology, chemistry, physics, microbiology, pharmacology, and mathematics. Technical courses deal with procedures, equipment, and clinical tests. High school students interested in a career in respiratory care should take courses in health, biology, mathematics, chemistry, and physics. Respiratory care involves basic mathematical problem solving and an understanding of chemical and physical principles.

Training is offered at the postsecondary level by medical schools, colleges and universities, trade schools, vocational-technical institutes, and the Armed Forces. Formal training programs vary in length and in the credential or degree awarded.

Some programs award associate’s or bachelor’s degrees and prepare graduates for jobs as registered respiratory therapists (RRTs).

Other, shorter programs award certificates and lead to jobs as entry-level certified respiratory therapists (CRTs).

The National Board of Respiratory Care (NBRC) offers certification and registration to graduates of programs accredited by CAAHEP or the Committee on Accreditation for the Respiratory Care (CoARC). Two credentials are awarded to respiratory therapists who satisfy the requirements: Registered Respiratory Therapist (RRT) and Certified Respiratory Therapist (CRT). The CRT examination is the standard in states requiring licensure.

Most employers require applicants for entry-level or generalist positions to hold the CRT or at least be eligible to take the certification examination. Supervisory positions
and intensive-care specialties usually require the RRT or RRT eligibility.

According to the NBRC recently revised requirements for RRT and CRT credentialing include being 18 years of age or older, and meeting the following requirements. Applicants shall satisfy ONE of the following educational requirements:
  a. Be a CRT having earned a minimum of an associate degree from an advanced level respiratory therapist educational program supported by the Committee on Accreditation for Respiratory Care (CoARC), or its predecessor the Joint Review Committee for Respiratory Therapy Education (JRCRTE), or accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP).

OR

  b. Until December 31, 2005, be a CRT having a certificate of completion/graduation from an advanced level respiratory therapist educational program supported by the Committee on Accreditation for Respiratory Care (CoARC), or its predecessor the Joint Review Committee for Respiratory Therapy Education (JRCRTE), or accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP). They shall also have at least 62 semester hours of college credit from a college or university accredited by its regional association or the equivalent. This applies only to individuals enrolled in an education program before January 1, 2002. Anyone enrolled in a program beginning January 1, 2002, must comply with requirement “a” above.

Additional options for meeting requirements for CRT credentialing can be found at www.NBRC.org.

For CRT:
Applicants shall satisfy ONE of the following:
  a. Have a minimum of an associate degree from a respiratory therapy education program supported by the Committee on Accreditation for Respiratory Care (CoARC), or its predecessor the Joint Review Committee for Respiratory Therapy Education (JRCRTE), or accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP).

OR

  b. Until December 31, 2005, have a certificate of completion/graduation from a respiratory therapy education program supported by the Committee on Accreditation for Respiratory Care (CoARC), or its predecessor the Joint Review Committee for Respiratory Therapy Education (JRCRTE), or accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP). This applies only to individuals enrolled in an education program before January 1, 2002. Anyone enrolled in a program beginning January 1, 2002, must comply with requirement “a” above.

CRT-to-Registry provision:
The NBRC continually receives inquiries regarding the “CRT-to-Registry” provision of the admission policies for the Registry Examination. Below are answers to the most commonly asked questions relating to this alternative route to the RRT Examination. For questions which are not answered below, or for further clarification, contact the NBRC.

Be a therapist Certified (CRT) by the NBRC who has four years* of full-time clinical in respiratory therapy under licensed medical supervision following Certification and prior to applying for the Registry Examination. In addition, the applicant shall have at least 62 semester hours of college credit from a college or university accredited by its regional association or its equivalent. The 62 semester hours of college credit must include the following courses: anatomy and physiology, chemistry, microbiology, physics and mathematics; or the applicant may have an associate degree from an accredited entry level respiratory therapy program.

OR

Be a CRT with a baccalaureate degree in an area other than respiratory therapy, including college-level courses in anatomy and physiology, chemistry, microbiology, physics and mathematics. In addition, the applicant shall have two years of full-time clinical experience in respiratory therapy under licensed medical supervision following Certification and before applying for the examination.

OR

New—Effective June 1, 2005: Be a CRT with two years of full-time clinical experience in respiratory therapy under licensed medical supervision following Certification and prior to applying for the Registry Examination and hold a minimum of an associate degree in respiratory therapy from an accredited entry level respiratory therapy education program.

Clinical experience for both the above categories is interpreted as a minimum of 21 hours per week, following Certification. Clinical experience must be completed before applying for the Registry Examination.

* Individuals certified (CRT) prior to January 1, 1983, are required to complete only three years of clinical experience.

Continued on next page
According to the Commission on Accreditation of Allied Health Education Programs (CAAHEP), there are 51 entry-level and 329 advanced respiratory therapy programs presently accredited in the United States, including Puerto Rico.

*Please refer to “Training and Education” section for specific education and training institutions and their requirements.*

**FOR FURTHER INFORMATION**

*Please refer to “Professional Organizations” section for a list of professional organization Web sites.*

**DID YOU KNOW?**

**Interesting facts or figures about technology in your health care field**

It is no longer necessary to draw blood to assess the oxygen and carbon dioxide values of a patient. This can now be accomplished noninvasively by using spectrophotometry. For example, a pulse oximeter, a type of spectrophotometer, measures the percentage of oxygen bound to hemoglobin molecules in red blood cells. This device attaches onto the finger like a clothespin—no pain, no blood.

Charting patient data using a laptop or hand-held computer is becoming commonplace.

Mechanical ventilators commonly have built-in computer CRT screens. Adjusting how deep a breath a patient gets, how much oxygen, etc., is accomplished by typing a keypad.

Respiratory care students practice patient care skills by using computerized clinical scenarios.

National credentialing exams are taken online.

**HOW IS TECHNOLOGY IMPACTING RESPIRATORY THERAPISTS AND RESPIRATORY THERAPIST ASSISTANTS?**

**Education.** Courses and degrees are available in part or in whole online. Instructors' notes can be presented on screen by computer and are commonly available online. Literature searches for research papers can be accomplished entirely online and submitted to the instructor by email. Exams can be given on-line.

**Research.** Clinical research sometimes appears online before it available in printed journals.

**Direct patient care.** Patient charts, records, and data may be entered and reviewed by computer.
**Dietitian/Dietetic Technician**

**Description of Work**

Dietitians and nutritionists plan food and nutrition programs and supervise the preparation and serving of meals. They help prevent and treat illnesses by promoting healthy eating habits and suggesting diet modifications, such as less salt for those with high blood pressure or reduced fat and sugar intake for those who are overweight. Dietitians run food service systems for institutions such as hospitals and schools, promote sound eating habits through education, and conduct research. Major areas of practice include clinical, community, management, and consultant dietetics.

Clinical dietitians provide nutritional services for patients in institutions such as hospitals and nursing homes. They assess patients’ nutritional needs, develop and implement nutrition programs, and evaluate and report the results. They also confer with doctors and other health care professionals in order to coordinate medical and nutritional needs. Some clinical dietitians specialize in the management of overweight patients, care of the critically ill, or of renal (kidney) and diabetic patients. In addition, clinical dietitians in nursing homes, small hospitals, or correctional facilities also may manage the food service department.

Community dietitians counsel individuals and groups on nutritional practices designed to prevent disease and promote good health. Working in places such as public health clinics, home health agencies, and health maintenance organizations, they evaluate individual needs, develop nutritional care plans, and instruct individuals and their families. Dietitians working in home health agencies provide instruction on grocery shopping and food preparation to the elderly, individuals with special needs, and children.

Management dietitians oversee large-scale meal planning and preparation in health care facilities, company cafeterias, prisons, and schools. They hire, train, and direct other dietitians and food service workers; budget for and purchase food, equipment, and supplies; enforce sanitary and safety regulations; and prepare records and reports.

Consultant dietitians work under contract with health care facilities or in their own private practice. They perform nutrition screenings for their clients, and offer advice on diet-related concerns such as weight loss or cholesterol reduction. Some work for wellness programs, sports teams, supermarkets, and other nutrition-related businesses. They may consult with food service managers, providing expertise in sanitation, safety procedures, menu development, budgeting, and planning.

Increased public interest in nutrition has led to job opportunities in food manufacturing, advertising, and marketing. In these areas, they prepare literature, analyse foods, or report on issues such as nutritional content of recipes, dietary fiber, or vitamin supplements.

**Salary**

Mean annual salary for a Dietitian is $38,070.

Mean annual salary for a Dietitian Technician is $21,130.

**Where Employed**

More than half were in hospitals, nursing homes, or offices and clinics of physicians. State and local governments about one job in five—mostly in correctional facilities, health departments, and other public health-related areas. Some dietitians and nutritionists were employed in special food services, an industry which includes firms that provide food services on contract to facilities such as colleges and universities, airlines, correctional facilities, and company cafeterias. Other jobs were in public and private educational services, community care facilities for the elderly (which include assisted-living facilities), individual and family services, home health care services, and the federal government—mostly in the U.S. Department of Veterans Affairs.

Please refer to “Employers” section for directory of specific employers.

**Personal Qualifications**

Most dietitians work a regular 40-hour week, although some work weekends. Many dietitians work part-time. Dietitians and nutritionists usually work in clean, well-lighted, and well-ventilated areas. However, some dietitians work in warm, congested kitchens. Many dietitians and nutritionists are on their feet for much of the workday.

**Entrance Requirements**

Dietitians and nutritionists need at least a bachelor’s degree in dietetics, foods and nutrition, food service systems management, or a related area.

**Educational Requirements**

College students in these majors take courses in foods, nutrition, institution management, chemistry, biochemistry, biology, microbiology, and physiology. Other suggested courses include business, mathematics, statistics, computer science, psychology, sociology, and economics. High school students interested in becoming a dietitian or nutritionist should take courses in biology, chemistry, mathematics, health, and communications.

Please refer to “Training and Education” section for specific education and training institutions and their requirements.

Continued on next page
For Further Information
Please refer to “Professional Organizations” section for a list of professional organization Web sites.

Did You Know?
Interesting facts or figures about technology in your health care field
Dietitians are using technology to search databases for potential drug-nutrient and food-drug interactions that could interfere with patient care.

Dietitians can create cycle menus with combination diet profiles from thousands of recipes and foods with instant nutrition and cost summaries.

Software is used by dietitians to automate charting and record keeping while generating tailored education material and facilitating medical record coding.

Registered dietitians now use sophisticated hand-held computers with high-tech software to calculate specific nutritional formulas while conducting nutrition support rounds in the hospital.

Registered dietitians now use indirect calorimetry devices (pulmonary testing devices used to measure a patient's calorie needs) to target an outpatient's needs for consultative purposes.

Registered dietitians and dietetic technicians now compose most patient notes on laptops and/or desktops for entry into the patient's actual medical records.

How is Technology Impacting Dietitians and Dietetic Technicians?
Education. Learner-centered cooperative distance education allows geographically dispersed students to collaborate as a team in completing case studies using chat rooms, bulletin boards and other communication tools. Dietetic internship programs are using an interactive simulation that requires interns to assess a 24-hour recall for nutritional adequacy and suggest modifications to meet estimated nutrition needs. These modifications are then posted on a bulletin board for peer review. Registered dietitians now must have a strong academic background in biochemistry, statistical research methods, and general math in order to remain competitive in the demanding hospital settings which require quantitative analysis and sophisticated documentation and record keeping.

Research. Nutritional analysis of food records of subjects is used to identify nutrient intake of specific population groups to track population concerns of specific nutritional deficiencies, excesses or imbalances. Registered dietitians (RDs) now participate in research studies through hospital, government, or pharmaceutical company sponsorship. This has stepped up the need for RDs to have an adequate understanding of statistical research methods and the software systems that support this level of work.

Direct patient care. Hand-held computers are used to calculate enteral nutrition (a way to provide food through a tube placed in the nose, the stomach, or the small intestine) formulas and administration schedules for patients who must be fed by tube. Nutritional analyses are conducted of subjects' intake records to quickly assess nutrient intake compared to recommended nutritional standards to plan for specialized nutritional care such as constant carbohydrate intake or protein restriction for renal patients. Computerized food tray delivery systems utilize programmed delivery of carts to patient floors via an automated system. Registered dietitians and dietetic technicians are now required to adhere to the documentation standards of the facility at which they work. This may involve the use of laptops and patient room-based hardware and software systems. There are also analytical software programs available now that assist the RD with the calculation of critical nutrition support formula needs. Registered dietitians use indirect calorimetry devices (see above) to identify an outpatient's level of calorie needs. This is particularly useful in consultative engagements where the development of an accurate nutritional program is necessary. The RD would naturally need a comfort level with this sophisticated device in order to employ its use.

Administrative issues. Quantity food production using blast-chill technology allows food to be prepared in bulk, quickly chilled to storage temperatures and reheated to serving temperature for serving. Technology is used for cycle menu analysis and modification to design menus and adjust recipe proportions for diets of patients with special nutritional needs. Registered dietitians who advance into administrative positions in hospitals, nursing homes, government, etc., need to have an understanding and a working knowledge of all of the technological tools available to staff. The administrative RD also needs to stay on the cutting edge of understanding with regard to new technological developments in the field to make educated decisions on capital development for the department and for the good of patient care.
Medical Assistant

Description of Work
Medical assistants perform routine administrative and clinical tasks to keep the offices and clinics of physicians, podiatrists, chiropractors, optometrists, and other health practitioners running smoothly. They should not be confused with physician assistants who examine, diagnose, and treat patients under the direct supervision of a physician. The duties of medical assistants vary from office to office, depending on office location, size, and specialty. In small practices, medical assistants usually are “generalists,” handling both administrative and clinical duties and reporting directly to an office manager, physician, or other health practitioner. Those in large practices tend to specialize in a particular area under the supervision of department administrators.

Medical assistants perform many administrative duties. They answer telephones, greet patients, update and file patient medical records, fill out insurance forms, handle correspondence, schedule appointments, arrange for hospital admission and laboratory services, and handle billing and bookkeeping.

Clinical duties vary according to state law and include taking medical histories and recording vital signs, explaining treatment procedures to patients, preparing patients for examination, and assisting the physician during the examination. Medical assistants collect and prepare laboratory specimens or perform basic laboratory tests on the premises, dispose of contaminated supplies, and sterilize medical instruments. They instruct patients about medication and special diets, prepare and administer medications as directed by a physician, authorize drug refills as directed, telephone prescriptions to a pharmacy, draw blood, prepare patients for x-rays, take electrocardiograms, remove sutures, and change dressings.

Salary
Mean annual salary for this position is $23,680.

Where Employed
Sixty percent were in physicians’ offices, and about 14 percent were in hospitals, including inpatient and outpatient facilities. The rest were in nursing homes, offices of other health practitioners, and other health care facilities. Please refer to “Employers” section for directory of specific employers.

Personal Qualifications
Medical assistants deal with the public; therefore, they must be neat and well groomed and have a courteous, pleasant manner. Medical assistants must be able to put patients at ease and explain physicians’ instructions. They must respect the confidential nature of medical information. Clinical duties require a reasonable level of manual dexterity and visual acuity. Medical assistants work in well-lighted, clean environments. They constantly interact with other people and may have to handle several responsibilities at once. Most full-time medical assistants work a regular 40-hour week. Some work part-time, evenings, or weekends.

Entrance Requirements
Most employers prefer graduates of formal programs in medical assisting. Such programs are offered in vocational-technical high schools, postsecondary vocational schools, community and junior colleges, and colleges and universities. Although medical assistants are not licensed, some States require them to take a test or a course before they can perform certain tasks, such as taking limited x-rays. Employers prefer to hire experienced workers or certified applicants who have passed a national examination, indicating that the medical assistant meets certain standards of competence.

Educational Requirements
Postsecondary programs usually last either one year, resulting in a certificate or diploma, or two years, resulting in an associate’s degree. Courses cover anatomy, physiology, and medical terminology as well as typing, transcription, recordkeeping, accounting, and insurance processing. Students learn laboratory techniques, clinical and diagnostic procedures, pharmaceutical principles, medication administration, and first aid. They study office practices, patient relations, medical law, and ethics. Accredited programs include an internship that provides practical experience in physicians’ offices, hospitals, or other health care facilities. Please refer to “Training and Education” section for specific education and training institutions and their requirements.

For Further Information
Please refer to “Professional Organizations” section for a list of professional organization Web sites.

Did You Know?
Interesting facts or figures about technology in your health care field
The Curriculum Review Board of the American Association of Medical Assistants Endowment (CRB-AAMAE) is currently receiving information from the 600-plus medical assisting programs accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) on online course/program offerings. A number of programs offer didactic courses online, and two accredited medical assisting programs offer all of the courses online.

Students are "checked-off" on the required competencies in a face-to-face setting and complete the mandated externship in an ambulatory health care setting.
Surgical Technologist

Description of Work
Surgical technologists, also called scrubs and surgical or operating room technicians, assist in surgical operations under the supervision of surgeons, registered nurses, or other surgical personnel. Surgical technologists are members of operating room teams, which most commonly include surgeons, anesthesiologists, and circulating nurses. Before an operation, surgical technologists help prepare the operating room by setting up surgical instruments and equipment, sterile drapes, and sterile solutions. They assemble both sterile and non-sterile equipment, as well as adjust and check it to ensure it is working properly. Technologists also get patients ready for surgery by washing, shaving, and disinfecting incision sites. They transport patients to the operating room, help position them on the operating table, and cover them with sterile surgical "drapes." Technologists also observe patients’ vital signs, check charts, and assist the surgical team with putting on sterile gowns and gloves.

During surgery, technologists pass instruments and other sterile supplies to surgeons and surgeon assistants. They may hold retractors, cut sutures, and help count sponges, needles, supplies, and instruments. Surgical technologists help prepare, care for, and dispose of specimens taken for laboratory analysis and help apply dressings. Some operate sterilizers, lights, or suction machines, and help operate diagnostic equipment.

After an operation, surgical technologists may help transfer patients to the recovery room and clean and restock the operating room.

Salary
Mean annual salary for this position is $34,070.

Where Employed
Almost three-quarters are employed by hospitals, mainly in operating and delivery rooms. Others are employed in clinics and surgical centers, and in the offices of physicians and dentists who perform outpatient surgery. A few, known as private scrubs, are employed directly by surgeons who have special surgical teams, like those for liver transplants. Please refer to "Employers" section for directory of specific employers.

Personal Qualifications
Surgical technologists work in clean, well-lighted, cool environments. They must stand for long periods and remain alert during operations. At times they may be exposed to communicable diseases and unpleasant sights, odors, and materials. Most surgical technologists work a regular 40-hour week, although they may be on call or work nights, weekends and holidays on a rotating basis. Surgical technologists need manual dexterity to handle instruments quickly. They also must be conscientious, orderly, and emotionally stable to handle the demands of the operating room environment. Technologists must respond quickly and know procedures well to have instruments ready for surgeons without having to be told. They are expected to keep abreast of new developments in the field. Recommended high school courses include health, biology, chemistry, and mathematics.

Entrance Requirements
High school graduation normally is required for admission.

Educational Requirements
Surgical technologists receive their training in formal programs offered by community and junior colleges, vocational schools, universities, hospitals, and the military. In 2005, the Commission on Accreditation of Allied Health Education Programs (CAAHEP) recognized 400 accredited programs. High school graduation normally is required for admission. Programs last nine to 24 months and lead to a certificate, diploma, or associate's degree.

Programs provide classroom education and supervised clinical experience. Students take courses in anatomy, physiology, microbiology, pharmacology, professional ethics, and medical terminology. Other studies cover the care and safety of patients during surgery, sterile techniques, and surgical procedures. Students also learn to sterilize instruments; prevent and control infection; and handle special drugs, solutions, supplies, and equipment.

Most employers prefer to hire certified technologists. Technologists may obtain voluntary professional certification from the Liaison Council on Certification for the Surgical Technologist by graduating from a CAAHEP-accredited program and passing a national certification examination. They may then use the Certified Surgical Technologist (CST) designation. Continuing education or reexamination is required to maintain certification, which must be renewed every four years.

Certification may also be obtained from the National Center for Competency Testing. To qualify to take the exam, candidates follow one of three paths; complete an accredited training program, undergo a two-year hospital on-the-job training program, or acquire seven years of experience working in the field. After passing the exam, individuals may use the designation the tech in Surgery-Certified, TS-C (NCCT). This certification may be renewed every five years through either continuing education or reexamination.
education or reexamination.  
*Please refer to “Training and Education” section for specific education and training institutions and their requirements.*

**FOR FURTHER INFORMATION**  
*Please refer to “Professional Organizations” section for a list of professional organization Web sites.*

**DID YOU KNOW?**  
*Interesting facts or figures about technology in your health care field*  
Robots are increasingly used in surgery.

It is now possible for a surgeon in Memphis to perform surgery in Nashville without leaving Memphis.

Students in Murfreesboro can now watch live surgery being performed in New York City.

**HOW IS TECHNOLOGY IMPACTING SURGICAL TECHNOLOGISTS?**  
**Education.** Education. Obviously, computers have made some of the most dramatic advances in education (i.e., access to surgical procedures around the country).

**Research.** Computers allow students access to hundreds of Web sites that contain information regarding any type of surgical procedure and the latest advances.

**Direct patient care.** Knowledge of robotics, lasers, diagnostic equipment, and video systems (i.e., laparoscopy) has made direct patient care more expedient and efficient, which has decreased recovery time for the patient.

**Administrative issues.** Administrators need large budgets to purchase the latest advances.

**Workplace.** Technology is changing the operating room (OR) environment on an almost daily basis. The OR today barely resembles the OR of just 10 years ago.
EMERGENCY MEDICAL TECHNICIAN –
BASIC, INTERMEDIATE, PARAMEDIC

DESCRIPTION OF WORK
People’s lives often depend on the quick reaction and competent care of emergency medical technicians (EMTs) and paramedics. Incidents as varied as automobile accidents, heart attacks, drownings, childbirth, and gunshot wounds all require immediate medical attention. EMTs and paramedics provide this vital attention as they care for and transport the sick or injured to a medical facility.

EMTs and paramedics, following strict rules and guidelines, give appropriate emergency care on the scene to where they have been dispatched, and when necessary transport the patient. Some paramedics are trained to treat patients with minor injuries on the scene of an accident or at their home without transporting them to a medical facility. Emergency treatments for more complicated problems are carried out under the direction of medical doctors by radio preceding or during transport.

EMTs and paramedics may use special equipment such as backboards to immobilize patients before placing them on stretchers and securing them in the ambulance for transport to a medical facility. Usually, one EMT or paramedic drives while the other monitors the patient’s vital signs and gives additional care as needed. Some EMTs work as part of the flight crew of helicopters that transport critically ill or injured patients to hospital trauma centers. At the medical facility, EMTs and paramedics help transfer patients to the emergency department, report their observations and actions to staff, and may provide additional emergency treatment. After each run, EMTs and paramedics replace used supplies and check equipment. If a transported patient had a contagious disease, EMTs and paramedics decontaminate the interior of the ambulance and report cases to the proper authorities.

Beyond these general duties, the specific responsibilities of EMTs and paramedics depend on their level of qualification and training. To determine this, the National Registry of Emergency Medical Technicians (NREMT) registers emergency medical service (EMS) providers at four levels: First Responder, EMT-Basic, EMT-Intermediate, and EMT-Paramedic. Some states, however, do their own certification and use numeric ratings from one to four to distinguish levels of proficiency.

The lowest level—First Responders—are trained to provide basic emergency medical care because they tend to be the first persons to arrive at the scene of an incident. Many firefighters, police officers, and other emergency workers have this level of training. The EMT-Basic, also known as EMT-1, represents the first component of the emergency medical technician system. An EMT-1 is trained to care for patients on accident scenes and on transport by ambulance to the hospital under medical direction. The EMT-1 has the emergency skills to assess a patient’s condition and manage respiratory, cardiac, and trauma emergencies.

The EMT-Intermediate (EMT-2 and EMT-3) has more advanced training that allows administration of intravenous fluids, use of manual defibrillators to give lifesaving shocks to a stopped heart, and use of advanced airway techniques and equipment to assist patients experiencing respiratory emergencies. EMT-Paramedics (EMT-4) provide the most extensive pre-hospital care. In addition to the procedures already described, paramedics may administer drugs orally and intravenously, interpret electrocardiograms (EKGs), perform endotracheal intubations, and use monitors and other complex equipment.

SALARY
Mean annual salary for this position is $25,940.

WHERE EMPLOYED
Most career EMTs and paramedics work in metropolitan areas. There are many more volunteer EMTs and paramedics, especially in smaller cities, towns, and rural areas. They volunteer for fire departments, emergency medical services (EMS), or hospitals and may respond to only a few calls for service per month or may answer the majority of calls, especially in smaller communities. EMTs and paramedics work closely with firefighters, who often are certified as EMTs as well and act as first responders.

Full- and part-time paid EMTs and paramedics were employed in a number of industries. About four out of ten worked in local and suburban transportation, as employees of private ambulance services. About three out of ten worked in local government for fire departments, public ambulance services and EMS. Another two out of ten were found in hospitals, where they worked full time within the medical facility or responded to calls in ambulances or helicopters to transport critically ill or injured patients. The remainder worked in various industries providing emergency services.

Please refer to “Employers” section for directory of specific employers.

PERSONAL QUALIFICATIONS
EMTs and paramedics should be emotionally stable, have good dexterity, agility, and physical coordination, and be able to lift and carry heavy loads. They also need good eyesight (corrective lenses may be used) with accurate color vision.
**Entrance Requirements**
Formal training and certification is needed to become an EMT or paramedic. All 50 states possess a certification procedure. In most states and the District of Columbia, registration with the National Registry of Emergency Medical Technicians (NREMT) is required at some or all levels of certification. Other states administer their own certification examination or provide the option of taking the NREMT examination. To maintain certification, EMTs and paramedics must re-register, usually every two years. In order to re-register, an individual must be working as an EMT or paramedic and meet a continuing education requirement.

**Educational Requirements**
Training is offered at progressive levels: EMT-Basic, also known as EMT-1; EMT-Intermediate, or EMT-2 and EMT-3; and EMT-paramedic, or EMT-4. The EMT-Basic represents the first level of skills required to work in the emergency medical system. Coursework typically emphasizes emergency skills such as managing respiratory, trauma, and cardiac emergencies and patient assessment. Formal courses are often combined with time in an emergency room or ambulance. The program also provides instruction and practice in dealing with bleeding, fractures, airway obstruction, cardiac arrest, and emergency childbirth. Students learn to use and maintain common emergency equipment, such as backboards, suction devices, splints, oxygen delivery systems, and stretchers. Graduates of approved EMT basic training programs who pass a written and practical examination administered by the state certifying agency or the NREMT earn the title of Registered EMT-Basic. The course also is a prerequisite for EMT-Intermediate and EMT-Paramedic training.

EMT-Intermediate training requirements vary from state to state. Applicants can opt to receive training in EMT-Shock Trauma, where the caregiver learns to start intravenous fluids and give certain medications, or in EMT-Cardiac, which includes learning heart rhythms and administering advanced medications. Training commonly includes 35 to 55 hours of additional instruction beyond EMT-Basic coursework and covers patient assessment, as well as the use of advanced airway devices and intravenous fluids. Prerequisites for taking the EMT-Intermediate examination include registration as an EMT-Basic, required classroom work, and a specified amount of clinical experience.

The most advanced level of training for this occupation is EMT-Paramedic. At this level, the caregiver receives additional training in body function and more advanced skills. The Paramedic Technology program usually lasts up to two years and results in an associate degree in applied science. Such education prepares the graduate to take the NREMT examination and become certified as an EMT-Paramedic. Extensive related coursework and clinical and field experience is required. Due to the longer training requirement, almost all EMT-Paramedics are in paid positions. Refresher courses and continuing education is available for EMTs and paramedics at all levels. Please refer to “Training and Education” section for specific education and training institutions and their requirements.

**For Further Information**
Please refer to “Professional Organizations” section for a list of professional organization Web sites.

**Did You Know?**
Interesting facts or figures about technology in your health care field
Emergency medical technicians (EMTs) and paramedic students are using books that include interactive CDs and links to the Internet to hone their skills and knowledge.

Field paramedics are using PDAs and notebook, hand-held, and laptop computers to write patient care reports.

Bluetooth technology allows paramedics in the field to transmit 12 lead electrocardiograms (ECGs or EKGs) to hospitals.

Many ambulances receive calls by computer transmission of information from the dispatch center.

Most ambulance bills are sent to insurance and government agencies by computer and the Internet.

**How is Technology Impacting EMTs?**
**Education.** Time and money can be saved by placing continuing education on the Internet. New computer simulation aids make training more realistic.

**Research.** The computer allows several people to access new research and development along with new ideas, services, and products. This means more up-to-date information on current trends in emergency medicine.

**Direct patient care.** New equipment such as defibrillators, cardiac monitors, saturation of oxygen (SaO2) monitors, end-tidal carbon dioxide (ETCO2) monitors, and many other diagnostic and treatment tools make patient care safer and more reliable.

**Administrative issues.** Records of employees are easy to reach and research. Billing is more streamlined and efficient. Payroll is done almost automatically.
Radiation Therapist

Description of Work
Radiation therapy is the use of radiation to treat cancer in the human body. As part of a medical radiation oncology team, radiation therapists use machines—called linear accelerators—to administer radiation treatment to patients. Linear accelerators, used in a procedure called external beam therapy, project high-energy x-rays at targeted cancer cells. As the x-rays collide with human tissue, they produce highly energized ions that can shrink and eliminate cancerous tumors. Radiation therapy sometimes is used as the sole treatment for cancer, but usually is used in conjunction with chemotherapy or surgery.

The first step in the radiation treatment process is called simulation. During simulation, a radiation therapist uses an x-ray imaging machine to pinpoint the location of the tumor. The therapist also may use a computerized tomography or CT scan to help determine how best to direct the radiation to minimize damage to healthy tissue. The therapist then positions the patient and adjusts the linear accelerator so that, during treatment, radiation exposure is concentrated on the tumor cells. The radiation therapist then helps develop a treatment plan in conjunction with a radiation oncologist (a physician who specializes in therapeutic radiology), and a dosimetrist (a technician who calculates the dose of radiation that will be used for treatment). The therapist later explains the treatment plan to the patient and answers any questions that the patient may have.

After simulation, the radiation therapist positions the patient and adjusts the linear accelerator to mirror the conditions that were established in simulation. Then the therapist leaves the room to administer the radiation treatment. From a separate room that is protected from the x-ray radiation, the therapist operates the linear accelerator and monitors the patient's condition through a TV monitor and an intercom system. Treatment can take anywhere from 10 to 30 minutes and is usually administered once a day, 5 days a week, for a period of 2 to 9 weeks.

During the treatment phase, the radiation therapist monitors the patient's physical condition to determine if any adverse side effects are taking place. In addition, the therapist must be aware of the patient's emotional condition. Because many patients are under stress, and are emotionally fragile, it is important for the therapist to maintain a positive attitude and provide emotional support. Radiation therapists also must keep detailed records of their patients' treatments. These records include information such as the dose of radiation used for each treatment, the total amount of radiation used to date, the area treated, and the patient's reactions. Radiation oncologists and dosimetrists review these records to ensure that the treatment plan is working, to monitor the amount of radiation exposure that the patient has received, and to keep unwanted side effects to a minimum.

Radiation therapists also assist medical radiation physicists, who keep the linear accelerator working. Because radiation therapists often work alone during the treatment phase, they need to be able to check the linear accelerator for problems and make any adjustments that are needed. Therapists also may assist dosimetrists, who calculate the amount of radiation for each treatment. Therapists may perform the routine aspects of this process, called dosimetry, which involves complex mathematical computations.

Salary
Mean annual salary for this position is $43,520.

Where Employed
About 84 percent worked in the health care industry, primarily in hospitals and in physicians' offices. Another 13 percent worked for State and local governments. Please refer to “Employers’ section for directory of specific employers.

Personal Qualifications
Individuals interested in becoming radiation therapists should be psychologically capable of working with cancer patients. They should be caring and empathetic because they work with patients who are ill and under stress. Individuals also need good communication skills because their work involves a great deal of patient interaction. They should be able to keep accurate, detailed records. They also should be physically fit because they work on their feet for long periods and lift and move disabled patients.

Entrance Requirements
Employers generally require applicants to complete an associate or a bachelor's degree program in radiation therapy. Individuals also may become qualified by completing an associate or a bachelor's degree program in radiography, which is the study of radiological imaging, and then completing a 12-month certificate program in radiation therapy.

Educational Requirements
Some States require that radiation therapists be licensed by a State accrediting board. Some States, as well as many employers, also require that radiation therapists be certified by the American Registry of Radiologic Technologists (ARRT). In order to become ARRT-certified, an applicant needs to complete an accredited radiation therapy program, adhere to ARRT ethical standards, and pass the ARRT certification examination. In 2005 there were 94 accredited radiation therapy programs. While enrolled in an accredited radiation therapy program, students who wish to
become ARRT-certified must take classes that are related to the subject matter of the certification examination. The certification examination covers radiation protection and quality assurance, clinical concepts in radiation oncology, treatment planning, treatment delivery, and patient care and education. Candidates also must demonstrate competency in several clinical practices, which include patient care activities; simulation procedures; dosimetry calculations; fabrication of beam modification devices; low-volume, high-risk procedures; and radiation treatment procedures.

AART certification is valid for 1 year, after which therapists must renew their certification. Requirements for renewal include abiding by the ARRT ethical standards, paying the annual dues, and satisfying the continuing education requirements. Continuing education requirements must be met every two years and include either the completion of 24 credits of radiation therapy-related courses or the successful attainment of ARRT certification in a discipline other than radiation therapy. Renewed certification, however, may not be required by all States or employers that require initial certification.

Radiation therapy programs have core courses on radiation therapy procedures and the scientific theories behind these procedures. In addition, such programs often include courses on human anatomy, human physiology, physics, algebra, pre-calculus, writing, public speaking, computer science, and research methodology. Please refer to “Training and Education” section for specific education and training institutions and their requirements. Their requirements.

**For Further Information**

*Please refer to “Professional Organizations” section for a list of professional organization Web sites.*

**Did You Know?**

*Interesting facts or figures about technology in your health care field*

Radiation therapy students can explore a wide range of treatment procedures including total body irradiation and total skin irradiation.

Radiation therapy students get a chance to work with high tech treatment equipment such as patient support assembly, simulators, computer tomography (CT) scanners, magnetic resonance imaging (MRI) scanners, treatment-planning computer software, megavoltage teletherapy equipment (both linear accelerators and radioisotope units), and treatment equipment including stereotactic radiosurgery units, intraoperative units, heavy particle beam units, radioisotope teletherapy units, and remote after loading brachytherapy units (www.mc.vanderbilt.edu/alliedhealth/radiation/).

More than half of all people with cancer are treated with some form of radiation.

Radiation treatments such as external beam radiation therapy treatment are painless—like getting an X-ray. Radiation treatments such as brachytherapy (internal radiation or seed implants) can cause some discomfort (www.vicc.org/radonc/expect.php).

The field of radiation therapy is always advancing with new treatment procedures such as systemic radiation therapy, radioimmunotherapy, and investigational radiation therapy; high tech equipment; and computer planning for patient treatment (www.vicc.org/radonc/expect.php).

**How is Technology Impacting Radiation Therapists?**

*Education*. More use of computers and increased training in new technology is the norm at educational institutions.

*Research*. New and better ways to treat cancer are being developed, resulting in better quality of life.

*Direct patient care*. Better patient care is given through new medications, exams, and patient education.
Diagnostic Radiologic Technologist

Description of Work

Diagnostic radiologic technologists take x-rays and administer non-radioactive materials into patients’ bloodstreams for diagnostic purposes. Some specialize in advance practice diagnostic imaging technologies such as computed tomography (CT), magnetic resonance imaging (MRI), Mammography (M), and vascular imaging.

Diagnostic radiologic technologists, also referred to as radiographers, produce x-ray films (radiographs) of parts of the human body for use in diagnosing medical problems. They prepare patients for radiologic examinations by explaining the procedure, removing articles such as jewelry, through which x-rays cannot pass, and positioning patients so that the parts of the body can be appropriately radiographed. To prevent unnecessary radiation exposure, they surround the exposed area with radiation protection devices, such as lead shields, or limit the size of the x-ray beam. Radiographers position radiographic equipment at the correct angle and height over the appropriate area of a patient’s body. Using instruments similar to a measuring tape, they may measure the thickness of the section to be radiographed and set controls on the x-ray machine to produce radiographs of the appropriate density, detail, and contrast. They place the x-ray film under the part of the patient’s body to be examined and make the exposure. They then remove the film and develop it or store and reconstruct the digital images on computer system.

Experienced radiographers may perform more complex imaging procedures. For fluoroscopies, radiographers prepare a solution of contrast medium for the patient to drink, allowing the radiologist, a physician who interprets radiographs, to see soft tissues in the body. Some radiographers, called CT technologists, operate computerized tomography scanners to produce cross sectional images of patients. Others operate machines using strong magnets and radio waves rather than radiation to create an image and are called magnetic resonance imaging (MRI) technologists.

Diagnostic radiologic technologists must follow physicians’ orders precisely and conform to regulations concerning use of radiation to protect themselves, their patients, and coworkers from unnecessary exposure.

In addition to preparing patients and operating equipment, diagnostic radiologic technologists and technicians keep patient records and adjust and maintain equipment. They also may prepare work schedules, evaluate equipment purchases, or manage a radiology department.

A new advance paractice area for radiography is the radiologist assistant (RA). This category operates under the direction of the radiologist and screens normal from abnormal studies, fluoroscopy, etc. A minimum baccalaureate degree is required through special programs.

Please see the information at the end of this job description for more details on this exciting new career made possible by the increasing use of technology in the field of radiology.

Salary

Mean annual salary for this position is $43,200.

Where Employed

About one in five worked part-time. More than half of all jobs are in hospitals. Hospitals will remain the principal employer of radiologic technologists and technicians. However, a greater number of new jobs will be found in offices of physicians and diagnostic imaging centers. Please refer to “Employers” section for directory of specific employers.

Personal Qualifications

Diagnostic radiologic technologists and technicians should be sensitive to patients’ physical and psychological needs. They must pay attention to detail, follow instructions, and work as part of a team. In addition, operating complicated equipment requires mechanical ability and manual dexterity. Physical stamina is important because technologists are on their feet for long periods of time and may lift or turn disabled patients.

Entrance Requirements

Preparation for this profession is offered in hospitals, colleges and universities, vocational-technical institutes, and the U.S. Armed Forces. Hospitals, which employ most diagnostic radiologic technologists, prefer to hire those with formal training. A bachelor’s or master’s degree in one of the diagnostic radiologic technologies is desirable for supervisory, administrative, or teaching positions.

Educational Requirements

Formal training programs in radiography range in length from two to four years and lead to a certificate, associate’s degree, or bachelor’s degree. Two-year associate’s degree programs are most prevalent. Radiography programs require, at a minimum, a high school diploma or the equivalent. High school courses in mathematics, physics, chemistry, and biology are helpful. The programs provide both classroom and clinical instruction in anatomy and physiology, patient care procedures, radiation physics, radiation protection, principles of imaging, medical terminology, positioning of patients, medical ethics, radiobiology, and pathology. Some one-year certificate programs are available for experienced radiographers or individuals from other health occupations, such as medical technologists and registered nurses, who want
to change fields or specialize in computerized tomography or magnetic resonance imaging.

A limited practice x-ray technician is allowed to practice in Tennessee. These personnel are prepared through a 40 clock-hour course approved through the Tennessee Board of Medical Examiners, and completers take a state exam. The limited areas of practice presently include examinations of chest and extremities. Please refer to “Training and Education” section for specific education and training institutions and their requirements.

For Further Information
Please refer to “Professional Organizations” section for a list of professional organization Web sites.

How is Technology Impacting Diagnostic Radiologic Technologists?
Education. Educators have had to modify curriculum in the past decade due to advanced technological changes. Digital imaging has already replaced computerized imaging (CR to DR) and consequently eliminated chemical processing and film/screen decisions.

Research. PET scanning for stroke patients and the advancement of breast imaging in MRI has reached its implementation after years of research. Many patients have already benefited from this new technology. Mammography "smart scanners" provide another source for radiologists to double-check their report findings.

Direct patient care. Direct patient care using new technological advances has helped expedite radiographic exposures (less repeat rates and less exposure to the patient) and has greatly improved the actual image. This has happened because of the change from analog to digital formats.

Administrative issues. HIPAA and OSHA have mandated a more structured format in adhering to patient issues and protecting the patient. This has increased the demand for more educated administrative personnel and more informed staff members. In medical imaging, department directors need to know more about purchasing digital equipment, planning for a digital department, and hiring competent technologists that have current experience in the newer equipment. They also need to know more about insurance billing and reimbursement rates. Extended services and the demand for outpatient centers have also been on the rise.

Diagnostic studies. The use of the imaging modalities (CT, mammography, MRI, ultrasound) has greatly improved the availability and the precision of diagnostic studies.

Radiologist Assistant (RA)
The radiologist assistant (RA) is a new job title in the field of medical imaging. RAs are experienced, registered radiographers who have obtained additional education and certification that qualifies them to serve as radiologist extenders. RAs work under the supervision of a radiologist to provide patient care in the diagnostic imaging environment. The addition of RAs to the radiology team helps improve productivity and efficiency at a time when the demand for medical imaging services is soaring.

The RA has three major areas of responsibility:
• First, the RA takes a leading role in patient management and assessment. Duties in this area might include determining obtaining patient consent prior to beginning the examination, answering questions from the patient and his or her family, and adapting exam protocols to improve diagnostic quality. The radiologist assistant also is expected to serve as a patient advocate, ensuring that each patient receives quality care while in the radiology department or clinic.

• Second, the radiologist assistant performs selected radiology examinations and procedures under the supervision of a radiologist. The level of radiologist supervision varies, depending on the type of examination.

• And third, the RA may be responsible for evaluating image quality, making initial image observations and forwarding those observations to the supervising radiologist. The supervising radiologist remains responsible for providing a final written report, an interpretation or a diagnosis.

The addition of the RA to the health care team will relieve the workload burden of radiologists, increase productivity, and cut costs. It also will help improve patients’ access to timely radiologic care.

All educational programs for RAs are established at the baccaulaureate degree or higher. RAs must be certified as radiographers by the American Registry of Radiologic Technologists before enrolling in an RA educational program. After graduating from an RA program, the individual must additionally pass the RA certification examination offered by the American Registry of Radiologic Technologists.

Radiologist assistants are licensed by the state in which they practice, similar to licensing programs for radiologic technologists. Legislation that addresses RA licensure should include education and certification standards for the radiologist assistant along with provisions delineating the RA’s role and responsibilities in providing patient care under radiologist supervision. The American Society of Radiologic Technologists has developed model legislation and regulations to act as a guide in establishing RA licensure. Information is available by contacting the ASRT at governmentrelations@asrt.org.

Because of advances in technology and the impact on diagnostic radiology, this new career opportunity has evolved and will continue to further develop.
**Nuclear Medicine Technologist**

**Description of Work**
In nuclear medicine, radionuclides—unstable atoms that emit radiation spontaneously—are used to diagnose and treat disease. Radionuclides are purified and compounded like other drugs to form radiopharmaceuticals. Nuclear medicine technologists administer these radiopharmaceuticals to patients and then monitor the characteristics and functions of tissues or organs in which they localize. Abnormal areas show higher or lower concentrations of radioactivity than normal.

Nuclear medicine technologists operate cameras that detect and map the radioactive drug in the patient’s body to create an image on photographic film or a computer monitor. Radiologic technologists and technicians also operate diagnostic imaging equipment, but their equipment creates an image by projecting an x-ray through the patient.

Nuclear medicine technologists explain test procedures to patients. They prepare a dosage of the radiopharmaceutical and administer it by mouth, injection, or other means. When preparing radiopharmaceuticals, technologists adhere to safety standards that keep the radiation dose to workers and patients as low as possible.

Technologists position patients and start a gamma scintillation camera, or “scanner,” which creates images of the distribution of a radiopharmaceutical as it localizes in and emits signals from the patient’s body. Technologists produce the images on a computer screen or on film for a physician to interpret. Some nuclear medicine studies, such as cardiac function studies, are processed with the aid of a computer.

Nuclear medicine technologists also perform radioimmunoassay studies that assess the behavior of a radioactive substance inside the body. For example, technologists may add radioactive substances to blood or serum to determine levels of hormones or therapeutic drug content.

Technologists keep patient records and record the amount and type of radionuclides received, used, and disposed.

**Salary**
Mean annual salary for this position is $54,940.

**Where Employed**
About three-fourths of all jobs were in hospitals. The rest were in physicians’ offices and clinics or in medical and diagnostic laboratories including diagnostic imaging centers. Please refer to “Employers” section for directory of specific employers.

**Personal Qualifications**
Nuclear medicine technologists should be sensitive to patients’ physical and psychological needs. They must pay attention to detail, follow instructions, and work as part of a team. In addition, operating complicated equipment requires mechanical ability and manual dexterity. Because technologists are on their feet much of the day and may lift or turn disabled patients, physical stamina is important.

**Entrance Requirements**
A certificate, associate’s degree, or bachelor’s degree from a hospital, community college, or university is required to work in nuclear medicine technology. Many employers and an increasing number of states require certification and licensure.

**Educational Requirements**
Nuclear medicine technology programs range in length from one to four years and lead to a certificate, associate’s degree, or bachelor’s degree. Generally, certificate programs are offered in hospitals, associate programs in community colleges, and bachelor’s programs in four-year colleges and in universities. Courses cover physical sciences, the biological effects of radiation exposure, radiation protection and procedures, the use of radiopharmaceuticals, imaging techniques, and computer applications.

One-year certificate programs are for health professionals, especially radiologic technologists and diagnostic medical sonographers, who wish to specialize in nuclear medicine. They also attract medical technologists, registered nurses, and others who wish to change fields or specialize. Others interested in the nuclear medicine technology field have three options: A two-year certificate program, a two-year associate program, or a four-year bachelor’s program. Please refer to “Training and Education” section for specific education and training institutions and their requirements.

**For Further Information**
Please refer to “Professional Organizations” section for a list of professional organization Web sites.

**Did You Know?**
Interesting facts or figures about technology in your health care field
Nuclear medicine now has state-of-the-art technology that integrates a 64-slice multi-detector CT and a dual-head SPECT gamma camera. This new technology allows the medical team to detect heart conditions in a noninvasive manner.
Requests for nuclear medicine procedures in the Nashville area have increased by 10 percent from last year—the field is growing, which means more job opportunities.

Nuclear medicine students get hands-on experience working with technicians, physicians, and real patients in their final year of study.

**How is Technology Impacting Nuclear Medicine Technologists?**

With the use of dual-head SPECT gamma cameras, physicians are able to look at organ function without disturbing normal body processes.

The CT/gamma camera combo enables medical professionals to split image data of the heart into 64 slices and look at it slice by slice, ensuring a proper diagnosis.

Positron emission tomography (PET) is a nuclear medicine modality being used to research conditions such as Alzheimer disease, epilepsy, and Parkinson's disease.
Diagnostic Medical Sonographer

Description of Work

Diagnostic imaging embraces several procedures that aid in diagnosing ailments, the most familiar being the x-ray. Another increasingly common diagnostic imaging method, called magnetic resonance imaging (MRI), uses giant magnets and radio waves rather than radiation to create an image. Not all imaging technologies use ionizing radiation or radio waves, however. Sonography, or ultrasonography, is the use of sound waves to generate an image used for assessment and diagnosis of various medical conditions. Many people associate sonography with obstetrics and the viewing of the fetus in the womb. But this technology has many other applications in the diagnosis and treatment of medical conditions.

Diagnostic medical sonographers, also known as ultrasonographers, use special equipment to direct non-ionizing, high frequency sound waves into areas of the patient’s body. Sonographers operate the equipment, which collects reflected echoes and forms an image that may be videotaped, transmitted, or photographed for interpretation and diagnosis by a physician.

Sonographers begin by explaining the procedure to the patient and recording any additional medical history that may be relevant to the condition being viewed. They then select appropriate equipment settings and direct the patient to move into positions that will provide the best view. To perform the exam, sonographers use a transducer, which transmits sound waves in a cone- or rectangle-shaped beam. Although techniques vary based on the area being examined, sonographers usually spread a special gel on the skin to aid the transmission of sound waves.

Viewing the screen during the scan, sonographers look for subtle visual cues that contrast healthy areas from unhealthy ones. They decide whether the images are satisfactory for diagnostic purposes and select which ones to show to the physician.

Diagnostic medical sonographers may specialize in obstetric and gynecologic sonography (the female reproductive system), abdominal sonography (the liver, kidneys, gallbladder, spleen, and pancreas), neurosonography (the brain), or ophthalmologic sonography (the eyes). In addition, sonographers also may specialize in vascular technology or echocardiography.

Salary

Mean annual salary for this position is $48,650.

Where Employed

About 60 percent of all sonographer jobs are in hospitals. Most of the rest are in physicians’ offices and clinics, primarily in offices specializing in obstetrics and in diagnostic imaging centers. According to the 2000 Sonography Benchmark Survey conducted by the Society of Diagnostic Medical Sonographers (SDMS), about three out of four sonographers worked in urban areas.

Personal Qualifications

Sonographers need good communication and interpersonal skills because they must be able to explain technical procedures and results to their patients, some of whom may be nervous about the exam or the problems it may reveal. They also should have some background in math and science, especially when they must perform mathematical and scientific calculations in analyses for diagnosis.

Entrance Requirements

An associate’s or bachelor’s degree from an accredited college or university is required to work in diagnostic medical sonography.

Educational Requirements

Colleges and universities offer formal training in both two- and four-year programs, culminating in an associate or bachelor’s degree. Two-year programs are most prevalent. Course work includes classes in anatomy, physiology, instrumentation, basic physics, patient care, and medical ethics. The Commission on Accreditation for Allied Health Education Programs accredits most formal training programs—about 132 programs in 2005. Some training programs prefer applicants with a background in science or experience in other health professions but also will consider high school graduates with courses in math and science, as well as applicants with liberal arts backgrounds.

For Further Information

Please refer to “Training and Education” section for specific education and training institutions and their requirements.

Did You Know?

Interesting facts or figures about technology in your health care field

Technology is advancing and expanding to include diagnostic use of 3-D imaging in areas outside of obstetrics.

Patient archival communication systems (PACS) offer the interpreting physician opportunities to view real-time clips
obtained during sonographic exams and are capable of archiving them for later review.

Volume-imaging acquisition is providing physicians with saved imaging data which can be manipulated for additional views after the patient has left the facility.

**HOW IS TECHNOLOGY IMPACTING DIAGNOSTIC MEDICAL SONOGRAPHERS?**

**Education.** Online and distance education programs are providing opportunities for learning to those who do not have programs in their geographical area.

Case-based teaching is enhanced and more efficient with electronic storage of exams as opposed to film storage.

Computerized testing for certification permits convenient scheduling of exams as well as immediate notice of results.

**Research.** Research is being done in the quantification of vascularity for anatomical structures and tumors to better understand the physiological function.

**Direct patient care.** Electronic storage of images has provided a more efficient use of the sonographer's non-scanning time. Technology is improving to provide better diagnostic value to each exam and image acquisition.

**Administrative issues.** Electronic review of cases for quality assessment is much more efficient than when film storage was required.
Medical Technologist

Description of Work

Clinical laboratory testing plays a crucial role in the detection, diagnosis, and treatment of disease. Clinical laboratory personnel examine and analyze body fluids, tissues, and cells. They look for bacteria, parasites, and other microorganisms; analyze the chemical content of fluids; match blood for transfusions; and test for drug levels in the blood to show how a patient is responding to treatment. These technologists also prepare specimens for examination, count cells, and look for abnormal cells. They use automated equipment and instruments capable of performing a number of tests simultaneously, as well as microscopes, cell counters, and other sophisticated laboratory equipment. Then, they analyze the results and relay them to physicians. With increasing automation and the use of computer technology, the work of technologists and technicians has become less hands-on and more analytical. The complexity of tests performed, the level of judgment needed, and the amount of responsibility workers assume depend largely on the amount of education and experience they have.

Medical technologists (also referred to as clinical laboratory technologists) perform complex chemical, biological, hematological, immunologic, microscopic, and bacteriological tests. Technologists microscopically examine blood, tissue, and other body substances. They make cultures of body fluid and tissue samples to determine the presence of bacteria, fungi, parasites, or other microorganisms. They analyze samples for chemical content or reaction and determine blood glucose and cholesterol levels. They also type and cross match blood samples for transfusions. Medical and clinical laboratory technologists evaluate test results, develop and modify procedures, and establish and monitor programs to ensure the accuracy of tests. Some medical technologists supervise medical laboratory technicians.

Technologists in small laboratories perform many types of tests, whereas those in large laboratories generally specialize. Some of the specializations technologists may choose include clinical chemistry, microbiology, immunohematology technology (blood bank technology), immunology, cytotechnology, and molecular biology.

Salary

Mean annual salary for this position is $45,870.

Where Employed

About half work in hospitals with others in medical laboratories or offices and clinics of physicians. A small proportion work in educational services; other ambulatory health care services, including blood and organ banks; outpatient care centers; and scientific research and development services. Please refer to “Employers” section for directory of specific employers.

Personal Qualifications

Clinical laboratory personnel need good analytical judgment and problem-solving abilities, computer skills, and the ability to work under pressure. Close attention to detail can be crucial for quality patient care. Manual dexterity and normal color vision are highly desirable.

With the widespread use of automated laboratory equipment, computer skills are important. In addition, technologists are expected to be good at problem-solving.

Entrance Requirements

The usual requirement for an entry-level position as a medical laboratory technologist is a bachelor’s degree with a major in medical technology or in one of the life sciences. Universities and hospitals offer medical technology programs. It is also possible to qualify through a combination of education, on-the-job, and specialized training.

Some states require laboratory personnel to be licensed or registered. Information on licensure is available from State departments of health or boards of occupational licensing. Certification is a voluntary process by which a nongovernmental organization, such as a professional society or certifying agency, grants recognition to an individual whose professional competence meets prescribed standards. Widely accepted by employers in the health industry, certification is a prerequisite for most jobs and often is necessary for advancement. Agencies certifying medical and clinical laboratory technologists and technicians include the Board of Registry of the American Society for Clinical Pathology, the American Medical Technologists, the National Credentialing Agency for Laboratory Personnel, and the Board of Registry of the American Association of Bioanalysts. These agencies have different requirements for certification and different organizational sponsors.

Educational Requirements

Bachelor’s degree programs in medical technology include all of the courses that a medical technician program would include, in addition to advanced courses in chemistry, biological sciences, microbiology, mathematics, statistics, and specialized courses devoted to knowledge and skills used in the clinical laboratory. Many programs also offer or require additional courses in management, business, and computer applications. The courses for a medical technologist prepare one to possess, in addition to the skills of a laboratory technician, complex analyses, fine-line discrimination, and error correction. Entry into the clinical portion of these four-year programs generally includes college courses and credits in general chemistry, general biological sciences, microbiology, and mathematics.
sciences, organic or biochemistry, microbiology, immunology, and mathematics.
*Please refer to “Training and Education” section for specific education and training institutions and their requirements.*

**FOR FURTHER INFORMATION**
*Please refer to “Professional Organizations” section for a list of professional organization Web sites.*

**HOW IS TECHNOLOGY IMPACTING MEDICAL TECHNOLOGISTS?**

**Education.** More medical technology (MT) students are taking prerequisite courses online. Students use tutorial programs, case presentations, and image directories as supplemental teaching tools. Education and management sections of many MT programs use state-of-the-art audio/visual aids for lectures.

**Research.** MT students also review research journals, articles, and clinical trials on the Internet.

**Indirect patient care.** Laboratory information systems (LIS) are computer software systems that receive, process, and store information generated by medical laboratory processes. These systems often must interface with instruments and other information systems such as hospital information systems and are a critical link between the laboratory and the physician.

**Employment.** Many graduates of medical technology programs look for jobs online.
**Medical Laboratory Technician**

**Description of Work**
Clinical laboratory testing plays a crucial role in the detection, diagnosis, and treatment of disease. Clinical laboratory personnel examine and analyze body fluids, tissues, and cells. They look for bacteria, parasites, and other microorganisms; analyze the chemical content of fluids; match blood for transfusions; and test for drug levels in the blood to show how a patient is responding to treatment. These technologists also prepare specimens for examination, count cells, and look for abnormal cells. They use automated equipment and instruments capable of performing a number of tests simultaneously, as well as microscopes, cell counters, and other sophisticated laboratory equipment. Then, they analyze the results and relay them to physicians. With increasing automation and the use of computer technology, the work of technologists and technicians has become less hands-on and more analytical. The complexity of tests performed, the level of judgment needed, and the amount of responsibility workers assume depend largely on the amount of education and experience they have.

*Medical laboratory technicians* (also referred to as clinical laboratory technicians) perform less complex tests and laboratory procedures than technologists. Technicians may prepare specimens and operate automated analyzers, for example, or they may perform manual tests following detailed instructions. They may work in several areas of the clinical laboratory or specialize in just one. They usually work under the supervision of medical laboratory technologists or laboratory managers.

**Salary**
Mean annual salary for this position is $28,380.

**Where Employed**
About half work in hospitals with others in medical laboratories or offices and clinics of physicians. A small proportion work in educational services; other ambulatory health care services, including blood and organ banks; outpatient care centers; and scientific research and development services. Please refer to “Employers” section for directory of specific employers.

**Educational Requirements**
Associate degree programs for medical technicians are conducted in junior or community colleges, hospitals, vocational or technical schools, or through part of the U.S. Armed Forces. Courses for medical technicians include laboratory testing procedures, basic laboratory mathematics, computer technology, communication skills, interpersonal relationships, and social responsibilities. Technical instruction includes procedures in hematology, microbiology, immunohematology, immunology, clinical chemistry, and urinalysis. The Clinical Laboratory Improvement Act (CLIA) requires technologists who perform certain highly complex tests to have at least an associate’s degree. A high school diploma or equivalent is typically required for entry into programs of this type. Please refer to “Training and Education” section for specific education and training institutions and their requirements.

**For Further Information**
Please refer to “Professional Organizations” section for a list of professional organization Web sites.

**Personal Qualifications**
Clinical laboratory personnel need good analytical judgment and problem-solving abilities, computer skills, and the ability to work under pressure. Close attention to detail can be crucial for quality patient care. Manual dexterity and normal color vision are highly desirable.

**Entrance Requirements**
Medical laboratory technicians generally have either an associate’s degree from a community or junior college or a certificate from a hospital, vocational or technical school, or from one of the U.S. Armed Forces. A few technicians learn their skills on the job.

Some states require laboratory personnel to be licensed or registered. Information on licensure is available from State departments of health or boards of occupational licensing. Certification is a voluntary process by which a nongovernmental organization, such as a professional society or certifying agency, grants recognition to an individual whose professional competence meets prescribed standards. Widely accepted by employers in the health industry, certification is a prerequisite for most jobs and often is necessary for advancement. Agencies certifying medical and clinical laboratory technologists and technicians include the Board of Registry of the American Society for Clinical Pathology, the American Medical Technologists, the National Credentialing Agency for Laboratory Personnel, and the Board of Registry of the American Association of Bioanalysts. These agencies have different requirements for certification and different organizational sponsors.

**Did You Know?**
Interesting facts or figures about technology in your health care field
One standard blood donation can be used to help at least three different patients.

Someone in America needs blood every two seconds.
How is Technology Impacting Medical Laboratory Technicians?

**Education.** There has been an increase in available online education as laboratory professionals with associate's degrees and certification (MLT/CLT) seek to progress to the bachelor's degree and certification (MT/CLS). Online master's degrees in clinical laboratory science are also increasingly available.

A critical skill for medical laboratory technicians is identifying formed elements (crystals or human or bacterial cells) under the microscope. Computer-generated images are readily available online and in textbooks for the student working on mastering this skill.

Certification exams have been computerized for several years, but some education facilities are using computers to administer their exams as well.

Continuing education is required by states with licensure and by the lab professionals' certifying agencies ASCP (American Society for Clinical Pathology) and NCA (National Credentialing Agency for Laboratory Personnel). Online courses are becoming a commonly used source of continuing education.

The relevance of clinical laboratory course content is in a constant state of review as older testing methods are replaced with newer methods and new biomedical markers related to disease diagnosis are discovered.

**Research.** Automation is on the rise in the clinical laboratory. Blood banks are moving to more automated testing procedures. Some clinical chemistry departments use conveyor belt systems that connect several instruments so that one patient sample can be efficiently tested for various biomedical markers (analytes) and then stored with minimal human intervention.

The use of molecular methods is increasing in the lab. The impact includes how testing is or will be done in microbiology, diagnosing cancers including certain leukemias, and determining the best drug treatments for individuals based on genetic makeup.

**Direct patient care.** Automated platelet function tests are replacing an older method of evaluating a patient's ability to stop bleeding.

There has been improvement in patient specimen identification by tracking samples using a comparison of a bar code on the patient's wrist with the barcode of the test ordered.

"Vein finders" allow the phlebotomist to noninvasively find and track veins in order to collect blood from patients with difficult-to-find veins.

**Administrative issues.** HIPAA stipulates that patient records must be kept confidential, but the information on them must be shared among health care providers. Computer security is very important in all health care fields.

Billing and reimbursement from insurance companies is an issue. Lab test orders are typically entered into the computer. Several individual tests are "batched" together when a certain body system is being evaluated. For example, a hepatic panel is an orderable test, but it includes over six individual biomedical markers that must be tested for individually. Even though each of the biomedical markers is an individual test, they can only be billed as one test (i.e., hepatic panel) in order for the hospital to receive reimbursement. In summary, if tests are entered in the computer incorrectly, insurance companies will not pay for them. Also, governmental health care (Medicare and Medicaid) requires a diagnosis from the physician for each test ordered, or the lab will not get reimbursed.

There is also an issue with job vacancies. The U.S. Department of Health and Human Services suggests that by 2012 almost 138,000 medical laboratory technicians will be needed, but less than 50,000 will be trained.

Regarding the issue of "pod laboratories," the American Society of Clinical Pathology (ASCP) says that pod laboratories exploit a loophole in Medicare's in-office ancillary services and assignment of benefit regulations, enabling the referring provider to capture the payments intended for the performance of pathology services. These laboratories often charge rates far below fair market value, which creates an economic incentive for clinicians to profit from the performance of laboratory services. Besides causing economic harm to other laboratories, these entities can adversely affect the quality of testing.

**Demand.** Figures from the Bureau of Labor Statistics suggest that about 9,000 new medical laboratory technicians are needed per year, but only about 5,000 are graduating, causing an anticipated shortfall of 43,000 by 2008. It's an absolute shortage that has exacerbated over time, however. More recent figures from the U.S. Department of Health and Human Services suggest that by 2012, almost 138,000 technicians will be needed, but less than 50,000 will be trained.
**Phlebotomist**

**Description of Work**
Clinical laboratory testing plays a crucial role in the detection, diagnosis, and treatment of disease. Clinical laboratory personnel examine and analyze body fluids, tissues, and cells. They look for bacteria, parasites, and other microorganisms; analyze the chemical content of fluids; match blood for transfusions; and test for drug levels in the blood to show how a patient is responding to treatment. These technologists also prepare specimens for examination, count cells, and look for abnormal cells. They use automated equipment and instruments capable of performing a number of tests simultaneously, as well as microscopes, cell counters, and other sophisticated laboratory equipment. Then, they analyze the results and relay them to physicians. With increasing automation and the use of computer technology, the work of technologists and technicians has become less hands-on and more analytical. The complexity of tests performed, the level of judgment needed, and the amount of responsibility workers assume depend largely on the amount of education and experience they have.

Phlebotomists are one type of medical laboratory technician. Phlebotomists collect blood samples. Only a tiny percentage of medical technicians are phlebotomists. The phlebotomist is a vital member of the medical laboratory team whose primary function is the collection of blood samples from patients by venipuncture or microtechniques. The phlebotomist facilitates the collection and transportation of laboratory specimens and is often the patient’s only contact with the medical laboratory. The need to assure quality and patient safety mandates strict professional behavior and standards of practice for these practitioners. The phlebotomist may aid in the collection and transportation of other laboratory specimens and may also be involved with patient data entry. A phlebotomist may also draw blood for transfusions, donations, and research.

Responsibilities and duties differ by doctor office, hospital and laboratory.

**Salary**
Mean annual salary for this position is $28,380.

**Where Employed**
About half work in hospitals with others in medical laboratories or offices and clinics of physicians. A small proportion work in educational services; other ambulatory health care services, including blood and organ banks; outpatient care centers; and scientific research and development services.

**Personal Qualifications**
Clinical laboratory personnel, including phlebotomists, need good analytical judgment and problem-solving abilities, computer skills, and the ability to work under pressure. Close attention to detail can be crucial for quality patient care. Manual dexterity and normal color vision are highly desirable. Phlebotomists must like challenge and responsibility. They must be able to deal with patients and be able to calm patients.

Safety is key and all safety precautions must be taken to prevent the transmission of infectious diseases.

**Entrance Requirements**
Must have a high school diploma or G.E.D. with completion of an approved phlebotomy training program (see below). Phlebotomy training is typically offered at junior or community colleges, hospitals, medical laboratories, proprietary schools, and other equivalent postsecondary educational institutions or through on-the-job training and/or through certification from one of several associations (including the National Phlebotomy Association or the American Society of Clinical Pathologists).

Some states require laboratory personnel to be licensed or registered, though most do not. Information on licensure is available from state departments of health or boards of occupational licensing. Certification is a voluntary process by which a nongovernmental organization, such as a professional society or certifying agency, grants recognition to an individual whose professional competence meets prescribed standards.

Widely accepted by employers in the health industry, certification is a prerequisite for most jobs and often is necessary for advancement. Agencies certifying phlebotomists include the National Phlebotomy Association or the American Society of Clinical Pathologists. Employers prefer to hire experienced workers and may prefer certified applicants who have passed a national examination, indicating that the phlebotomist meets certain standards of competence.

**Educational Requirements**
Phlebotomists have a high school diploma and learn their skills through classroom (junior or community colleges, hospitals, medical laboratories, proprietary schools, and other equivalent postsecondary educational institutions) and on-the-job training and/or through certification from one of several associations (including the National Phlebotomy Association or the American Society of Clinical Pathologists). Approved programs contain at least 100 hours of clinical practicum and culminate in a postsecondary certificate.
The National Accrediting Agency for Clinical Laboratory Sciences (NAACLS) approves 57 programs in phlebotomy and clinical assisting. Other nationally recognized accrediting agencies that accredit specific areas for clinical laboratory workers include the Commission on Accreditation of Allied Health Education Programs and the Accrediting Bureau of Health Education Schools.

Training programs for phlebotomy usually consists of both didactic instruction and clinical practice in the following:

• Obtaining blood samples
• Specimen Collection and Processing
• Time Management and Assignment Organization
• Professional Communications
• Clerical Skills and Duties
• Safety Standards and Procedures
• Legal, Ethical, and Professional Considerations
• Terminology, Anatomy, and Physiology

Please refer to “Training and Education” section for specific education and training institutions and their requirements.

For Further Information
Please refer to “Professional Organizations” section for a list of professional organization Web sites.

Did You Know?
Interesting facts or figures about technology in your health care field
Phlebotomists are now using hand-held barcode readers and PDAs to identify patients at bedside. Real-time collection lists, which identify orders that need to be completed, are also used.

A new device, the transilluminator using LED radiation, has been introduced to assist in locating hard-to-find veins.

Some walk-in laboratories with trained staff—typically including phlebotomists—have evolved with direct access testing (DAT), allowing the consumer the opportunity to access laboratory tests without having to consult a physician. Tennessee is one of many states in the U.S. that has introduced legislation to regulate DAT.

How is Technology Impacting Phlebotomists?

Education. Phlebotomists are utilizing computerized equipment in the laboratory as well as at the patient's bedside. Basic computer knowledge and keyboarding abilities are additional skills necessary today.

Research. Research is constantly being done in the blood bank arena, an area where phlebotomists may be employed. The American Red Cross, after much research in conjunction with Vanderbilt, has been authorized by the FDA to make all units of blood leukocyte (white blood cells) reduced. This will diminish possible side effects a patient may experience during a blood transfusion.

Direct patient care. Technology is speeding the amount of time it takes to get laboratory results back to doctors and to the patient. It also helps reduce the number of trips from the laboratory to patients' rooms and back as well as being cost effective.

In the case of a blood transfusion, new computerization at the patient's bedside can alert phlebotomists to adverse effects in a patient undergoing transfusion that may be caused by a specific lot number of a product. This new technology allows quick location of the lot number and possible initiation of a market withdrawal.

Administrative issues. Administrators must determine which computerized system works best in a given environment, the costs associated with new systems, and the training of laboratory personnel in the use of new systems.
**Dental Hygienist**

**Description of Work**
Dental hygienists remove soft and hard deposits from teeth, teach patients how to practice good oral hygiene, and provide other preventive dental care. Hygienists examine patients’ teeth and gums, recording the presence of diseases or abnormalities. They remove calculus, stains, and plaque from teeth; take and develop dental x-rays; and apply cavity-preventive agents such as fluorides and pit and fissure sealants. In some states, hygienists administer anesthetics; place and carve filling materials, temporary fillings, and periodontal dressings; remove sutures; perform root-planing as a periodontal therapy; and smooth and polish metal restorations. Although hygienists may not diagnose diseases, they can prepare clinical and laboratory diagnostic tests for the dentist to interpret. Hygienists sometimes work chair-side with the dentist during treatment.

Dental hygienists also help patients develop and maintain good oral health. For example, they may explain the relationship between diet and oral health or even the link between oral health and such serious conditions as heart disease and strokes. They also inform patients how to select toothbrushes and show them how to brush and floss their teeth.

Dental hygienists use hand and rotary instruments and ultrasonics to clean and polish teeth, x-ray machines to take dental pictures, syringes with needles to administer local anesthetics, and models of teeth to explain oral hygiene.

**Salary**
Mean annual salary for this position is $53,740.

**Where Employed**
Almost all dental hygienists work in private dental offices. Some work in public health agencies, hospitals, and clinics. Please refer to “Employers” section for directory of specific employers.

**Personal Qualifications**
Dental hygienists should work well with others and must have good manual dexterity because they use dental instruments within a patient’s mouth, with little room for error. High school students interested in becoming a dental hygienist should take courses in biology, chemistry, and mathematics.

**Entrance Requirements**
Dental hygienists must be licensed by the state in which they practice. To qualify for licensure, a candidate must graduate from an accredited dental hygiene school and pass both a written and clinical examination. The American Dental Association Joint Commission on National Dental Examinations administers the written examination accepted by all states and the District of Columbia. State or regional testing agencies administer the clinical examination. In addition, most states require an examination on legal aspects of dental hygiene practice.

An associate’s degree is sufficient for practice in a private dental office. A bachelor’s or master’s degree usually is required for research, teaching, or clinical practice in public or school health programs.

**Educational Requirements**
In 2004, the Commission on Dental Accreditation accredited about 266 programs in dental hygiene. Some dental hygiene programs prefer applicants who have completed at least one year of college. However, requirements vary from one school to another. Schools offer laboratory, clinical, and classroom instruction in subjects such as anatomy, physiology, chemistry, microbiology, pharmacology, nutrition, radiography, histology (the study of tissue structure), periodontology (the study of gum diseases), pathology, dental materials, clinical dental hygiene, and social and behavioral sciences.

Dental hygiene education programs lead to either an associate’s degree or bachelor’s degree depending on the goals of the student. For practice in a private dental office, an associate’s degree is usually adequate. For research, teaching, or clinical practice in public or school health programs, a bachelor’s (or master’s where available) degree if usually required. Please refer to “Training and Education” section for specific education and training institutions and their requirements.

**For Further Information**
Please refer to “Professional Organizations” section for a list of professional organization Web sites.

**Did You Know?**
Interesting facts or figures about technology in your health care field
Many dental offices are creating “paperless” patient records by entering information electronically on state-of-the-art computers.

Dental radiographs (X-rays) can now be taken digitally without the use of traditional film. Sensors placed in the mouth transmit images to a computer screen. The images are stored electronically and can be enlarged for close-up views to show more detail. Darkrooms and traditional film developing are no longer required.

Intraoral cameras, about the size of a pen, are used by dental professionals to allow close-up views of a patient’s teeth and gums. The camera is positioned in the mouth and sends pic-
tures to a monitor where large, full-color images can be seen. The images are used for patient education, diagnosis, and treatment planning.

**How is Technology Impacting Dental Hygienists?**

**Education.** Online courses, interactive telecommunications, computer-assisted instruction, and computer simulations are being used in dental education.

**Research.** New advancements in dental research are helping explore the link between oral and systemic health. Correlations between dental disease and conditions such as diabetes, cardiovascular disease, and low birth weight babies are being studied.

**Direct patient care.** Technology and research in dentistry have greatly reduced dental caries (cavities) and periodontal disease, thereby enabling patients to maintain a lifetime of good oral health.

**Administrative issues.** Electronic recordkeeping and digital radiography are changing the storage and retrieval of patient information.
**Dental Assistant**

**Description of Work**
Dental assistants perform a variety of patient care, office, and laboratory duties. They work chair-side as dentists examine and treat patients. They make patients as comfortable as possible in the dental chair, prepare them for treatment, and obtain dental records. Assistants hand instruments and materials to dentists and keep patients’ mouths dry and clear by using suction or other devices. Assistants also sterilize and disinfect instruments and equipment, prepare tray setups for dental procedures, and instruct patients on postoperative and general oral health care.

Some dental assistants prepare materials for making impressions and restorations, expose radiographs, and process dental x-ray film as directed by a dentist. They also may remove sutures, apply anesthetics to gums or cavity-preventive agents to teeth, remove excess cement used in the filling process, and place rubber dams on the teeth to isolate them for individual treatment.

Those with laboratory duties make casts of the teeth and mouth from impressions taken by dentists, clean and polish removable appliances, and make temporary crowns. Dental assistants with office duties schedule and confirm appointments, receive patients, keep treatment records, send bills, receive payments, and order dental supplies and materials.

**Salary**
Mean annual salary for this position is $29,330.

**Where Employed**
Virtually all dental assistants work in a private dental office. A small number work in dental schools, private and government hospitals, or state and local public health departments and clinics.

*Please refer to “Employers” section for directory of specific employers.*

**Personal Qualifications**
Assistants must be a dentist’s “third hand”; therefore, dentists look for people who are reliable, can work well with others, and have good manual dexterity.

**Entrance Requirements**
Most assistants learn their skills on the job, though an increasing number are trained in dental assisting programs offered by community and junior colleges, trade schools, technical institutes, or the Armed Forces.

**Educational Requirements**
The American Dental Association’s Commission on Dental Accreditation approved 265 dental assisting training programs in 2005. Programs include classroom, laboratory, and preclinical instruction in dental assisting skills and related theory. In addition, students gain practical experience in dental schools, clinics, or dental offices. Most programs take one year or less to complete and lead to a certificate or diploma. Two-year programs offered in community and junior colleges lead to an associate’s degree. All programs require a high school diploma or its equivalent, and some require a typing or science course for admission. High school students interested in a career as a dental assistant should take courses in biology, chemistry, health, and office practices. Some private vocational schools offer four- to six-month courses in dental assisting, but the Commission on Dental Accreditation does not accredit these.

Most states regulate the duties that dental assistants are allowed to perform through licensure or registration. Licensure or registration may require passing a written or practical examination. States offering licensure or registration have a variety of schools offering courses—which vary in length—that meet their state’s requirements. Many states require continuing education to maintain licensure or registration. A few states allow dental assistants to perform any function delegated to them by the dentist.

Individual states have adopted different standards for dental assistants who perform certain advanced duties, such as radiological procedures. The completion of the Radiation Health and Safety examination offered by the Dental Assisting National Board (DANB) meets those standards in more than 30 States. Some states require the completion of a state-approved course in radiology as well.

Certification is available through DANB and is recognized in more than 30 states. Other organizations offer registration, most often at the state level. Certification is an acknowledgment of an assistant’s qualifications and professional competence and may be an asset when one is seeking employment. Candidates may qualify to take the DANB certification examination by graduating from an accredited training program or by having two years of full-time or four years of part-time experience as a dental assistant. In addition, applicants must have current certification in cardiopulmonary resuscitation. For annual recertification, individuals must earn continuing education credits.

*Please refer to “Training and Education” section for specific education and training institutions and their requirements.*
For Further Information
Please refer to “Professional Organizations” section for a list of professional organization Web sites.

Did You Know?
Interesting facts or figures about technology in your health care field
Some students are required to research an oral pathology on the Internet in addition to providing oral hygiene instruction at local daycare and nursing home facilities.
Dental Laboratory Technician

Description of Work
Dental laboratory technicians fill prescriptions from dentists for crowns, bridges, dentures, and other dental prosthetics. First, dentists send a specification of the item to be fabricated along with an impression (mold) of the patient’s mouth or teeth. Then, dental laboratory technicians, also called dental technicians, create a model of the patient’s mouth by pouring plaster into the impression and allowing it to set. Next, they place the model on an apparatus that mimics the bite and movement of the patient’s jaw. The model serves as the basis of the prosthetic device. Technicians examine the model, noting the size and shape of the adjacent teeth, as well as gaps within the gumline. Based upon these observations and the dentist’s specifications, technicians build and shape a wax tooth or teeth model, using small hand instruments called wax spatulas and wax carvers. They use this wax model to cast the metal framework for the prosthetic device.

After the wax tooth has been formed, dental technicians pour the cast and form the metal and, using small hand-held tools, prepare the surface to allow the metal and porcelain to bond. They then apply porcelain in layers to arrive at the precise shape and color of a tooth. Technicians place the tooth in a porcelain furnace to bake the porcelain onto the metal framework and then adjust the shape and color with subsequent grinding and addition of porcelain to achieve a sealed finish. The final product is nearly an exact replica of the lost tooth or teeth.

In some laboratories, technicians perform all stages of the work, whereas in other labs, each technician does only a few. Dental laboratory technicians can specialize in one of five areas: orthodontic appliances, crowns and bridges, complete dentures, partial dentures, or ceramics. Job titles can reflect specialization in these areas.

Salary
Mean annual salary for this position is $26,640.

Where Employed
Most jobs are in commercial dental laboratories, which usually are small, privately owned businesses with fewer than five employees. However, some laboratories are large; a few employ more than 1000 technicians. Some dental laboratory technicians work in dentists’ offices. Others work for hospitals providing dental services, including U.S. Department of Veterans Affairs’ hospitals. Some technicians work in dental laboratories in their homes, in addition to their regular job. Please refer to “Employers” section for directory of specific employers.

Personal Qualifications
A high degree of manual dexterity, good vision, and the ability to recognize very fine color shadings and variations in shape are necessary. An artistic aptitude for detailed and precise work also is important.

Entrance Requirements
Training in dental laboratory technology is available through community and junior colleges, vocational-technical institutes, and the Armed Forces. Formal training programs vary greatly both in length and in the level of skill they impart. Most dental laboratory technicians learn their craft on the job. However, many employers prefer to hire those with formal training. They begin with simple tasks, such as pouring plaster into an impression, and progress to more complex procedures, such as making porcelain crowns and bridges. Becoming a fully trained technician requires an average of three to four years, depending upon the individual’s aptitude and ambition, but it may take a few years more to become an accomplished technician.

Educational Requirements
In 2004, the Commission on Dental Accreditation accredited 25 programs in dental laboratory technology in conjunction with the American Dental Association (ADA). These programs provide classroom instruction in dental materials science, oral anatomy, fabrication procedures, ethics, and related subjects. In addition, each student is given supervised practical experience in a school or an associated dental laboratory. Accredited programs normally take two years to complete and lead to an associate degree. High school students interested in becoming dental laboratory technicians should take courses in art, metal and wood shop, drafting, and sciences. Courses in management and business may help those wishing to operate their own laboratories. Many employers will train someone without any classroom experience. Graduates of two-year training programs need additional hands-on experience to become fully qualified. Each dental laboratory owner operates in a different way, and classroom instruction does not necessarily expose students to techniques and procedures favored by individual laboratory owners. Students who have taken enough courses to learn the basics of the craft usually are considered good candidates for training, regardless of whether they have completed a formal program. Please refer to “Training and Education” section for specific education and training institutions and their requirements.

For Further Information
Please refer to “Professional Organizations” section for a list of professional organization Web sites.
**DID YOU KNOW?**

**Interesting facts or figures about technology in your health care field**

The future of in-operatory CAD/CAM systems will create a need for a dental technician team member who will have enhanced computer skills, design skills, material knowledge, and skills in patient care. With the continued integration of CAD/CAM technology currently in use within the dental operatory and dental laboratory, the need for dental team personnel to have adequate skills in computer processing and equipment usage will be of importance.

The efficiency of utilizing digital photography and imaging can even include digital impression taking, which will require additional clinical skills on the part of the technician.

Both the increased use of CAD/CAM technology and digital imaging will foster greater efficiency and productivity in the manufacture of dental restorations. The need for individuals to serve as dental technicians will continue; however, it is likely that the range of skills needed to be successful in the occupation will change as further technological advances are available in the dental technology market.

New types of individuals should be attracted to the occupation due to the computer-aided manufacturing aspects and the clinical applications for dental technicians that come with some of the new technologies.

Both the NADL and the ADA have Careers in Dental Laboratory Technology videos/DVDs available to promote and explain the occupational requirements and job growth opportunities of the profession of dental technician. The NADL and ADA products are autonomous relative to the content; however, each covers the general skills necessary for the occupation, potential salary/earnings information, day-to-day duties, and a discussion of the work environment. The ADA’s video/DVD is available for purchase by any member of the public and is intended for broad distribution to high school guidance counselors, high school HOSA chapters, and other secondary school recipients. In 2004, over 2,400 orders for such products were received.

The popularity of cosmetic dentistry has been enhanced by reality shows such as Extreme Makeover, which have provided a forum for public awareness that the dental technician is a valuable member of the dental team serving the patient through thoughtful treatment planning by the dentist.
Health Information Administrator and Health Information Technician

Description of Work
The health information management profession (HIM) is concerned primarily with the management of patient records and involves medical, administrative, ethical, and legal requirements in the storage and safekeeping of physical records. Patient records include medical histories, the results of physical examinations, reports of x-ray and laboratory tests, diagnosis and treatment plans, physicians’ orders and notes, and other sources of information. Although the record is primarily used for the medical care of the patient, the information is also used for legal, financial, research, and other purposes.

The field has undergone significant change in recent years due to stricter reimbursement requirements, an expanded regulatory scope, new technologies, greater demand for information, and cost-containment mandates. In 1991, members of the American Medical Record Association adopted new nomenclature and became the American Health Information Management Association (AHIMA). The health information management field consists of baccalaureate-degreed Health Information Administrators (HIA), also referred to as Health Information Managers, and associate-degreed Health Information Technicians (HIT). These professions were previously known as medical records administrators and medical records technicians accordingly. There are currently eight certifications in the field of HIM – Registered Health Information Administrator (RHIA), Registered Health Information Technician (RHIT), Certified Coding Associate (CCA), Certified Coding Specialist (CCS), Certified Coding Specialist-Physician (CCS-P), Certified in Health care Privacy (CHP), Certified in Health care Security (CHS), and Certified in Health care Privacy and Security (CHPS).

HIAs are trained in data collection, interpretation, and analysis. They often serve as managers and participate in staffing, budgetary, and evaluation procedures. Some of the most common positions for these professionals are system manager, data quality manager, information security officer, college instructor, and consultant. As more facilities integrate patient records into the national health information infrastructure, HIAs will increasingly have roles that contribute to the computer based system of record keeping, data vital for patient care.

HITs ensure the quality of medical records by verifying their completeness, accuracy, and proper entry into the computer systems. They often specialize in coding 59 diagnoses for reimbursement and research. Common position titles for these professionals are health information manager, health data analyst, insurance claims analyst, records technician specialist, clinical coding specialist, and patient information coordinator.

Salary
For HIAs, salaries range from $59,959 (according to salary.com) to $69,830 (reported by Bureau of Labor Statistics). Mean annual salary for HITs is $25,190.

Where Employed
While hospitals are still one of the primary employers of health information professionals, HMOs, ambulatory care facilities, nursing homes, group practices, insurance agencies, accounting companies, and law firms also employ these personnel. Organizations not involved in direct care, such as insurance companies and health insurance agencies, employ medical records specialists to help set policy, analyze data, and evaluate provider performance. Other employers, such as contract agencies and consulting firms, supply medical records personnel to these institutions and organizations, usually on a temporary and intermittent basis. Please refer to “Employers” section for directory of specific employers.

Personal Qualifications
HIAs and HITs should have good data collection, interpretation, and analysis skills. They may serve as managers and participate in staffing, budgetary, and evaluation procedures, so management skills may also be important. Computer skills within this field are vital.

Entrance Requirements
An associate’s degree and certificate are required for entry in the HIM field as a health information technician.

A bachelor’s in health information technology and/or health information administration is needed for entry as a health information administrator. A master’s degree in health information management or a related field, where available, may also lead to further career opportunities.

Educational Requirements
Programs lead to either an associate’s degree or certificate for those entering a health information technician program, while a bachelor’s or master’s degree is received for those participating in programs for health information administrators. Courses in general allied health, computer science or other technology courses, management, accounting, finance, and other business courses are typical for degree programs in health information management. Some schools require volunteer hours in a health information...
management role prior to entry into the educational program. Please refer to “Training and Education” section for specific education and training institutions and their requirements.

**FOR FURTHER INFORMATION**
Please refer to “Professional Organizations” section for a list of professional organization Web sites.

**Did You Know?**
**Interesting facts or figures about technology in your health care field**
The entire field of health informatics and information management is based on the use of technology in health care for purposes of providing higher quality, safer health care to patients.

Health information managers are highly involved in the implementation of electronic health records in a wide variety of health care facilities.

The curriculum for health information management students includes courses covering data analysis, systems analysis, database querying, and data mining as well as confidentiality and security of electronic health information.

**How is Technology Impacting Health Information Administrators and Health Information Technicians?**
**Education.** Course management systems such as Blackboard and WebCT are widely used. There are also a number of degrees provided totally through distance education.

**Research.** Since the field of health informatics is entirely about technology, all research in this field is about technology in health care. The National Institutes of Health encourage more translational research from the lab to the bedside, and health informatics provides an important role in enabling this transfer.

**Direct patient care.** Although professionals in health informatics and information management do not provide direct patient care, their education and research helps provide workable technology tools for direct care providers.

**Administrative issues.** Health information management departments have long used technology to collect, track, and maintain paper health records. As electronic health records come to be used more extensively in health care, the roles of health information managers are changing. The types of positions are changing—fewer file clerks and more scanners, for example. Electronic health records also allow patient data to be more easily collected and analyzed, so there is a greater emphasis on data analysis.
Medical Transcriptionist

Description of Work

Medical transcriptionists, also called medical transcribers and medical stenographers, listen to dictated recordings made by physicians and other health care professionals and transcribe them into medical reports, correspondence, and other administrative material. They generally listen to recordings on a special headset, using a foot pedal to pause the recording when necessary, and key the text into a personal computer or word processor, editing as necessary for grammar and clarity. The documents they produce include discharge summaries, history and physical examination reports, operating room reports, consultation reports, autopsy reports, diagnostic imaging studies, and referral letters. Medical transcriptionists return transcribed documents to the dictator for review and signature or correction. These documents eventually become part of patients’ permanent files.

To understand and accurately transcribe dictated reports into a format that is clear and comprehensible for the reader, medical transcriptionists must understand medical terminology, anatomy and physiology, diagnostic procedures, and treatment. They also must be able to translate medical jargon and abbreviations into their expanded forms. To help identify terms appropriately, transcriptionists refer to standard medical reference materials—both printed and electronic; some of these are available over the Internet. Medical transcriptionists must comply with specific standards that apply to the style of medical records in addition to the legal and ethical requirements involved with keeping patient records confidential.

Experienced transcriptionists spot mistakes or inconsistencies in a medical report and check back with the dictator to correct the information. Their ability to understand and correctly transcribe patient assessments and treatments reduces the chance of patients receiving ineffective or even harmful treatments and ensures high quality patient care.

Currently, most health care providers transmit dictation to medical transcriptionists using either digital or analog dictating equipment. With the emergence of the Internet, some transcriptionists receive dictation over the Internet and are able to quickly return transcribed documents to clients for approval. As confidentiality concerns are resolved, this practice will become more prevalent. Another emerging trend is the implementation of speech recognition technology, which electronically translates sound into text and creates drafts of reports. Reports are then formatted; edited for mistakes in translation, punctuation, or grammar; and checked for consistency and possible medical errors. Transcriptionists working in specialized areas with more standard terminology, such as radiology or pathology, are more likely to encounter speech recognition technology. However, use of speech recognition technology will become more widespread as the technology becomes more sophisticated.

Medical transcriptionists who work in physicians’ offices and clinics may have other office duties, such as receiving patients, scheduling appointments, answering the telephone, and handling incoming and outgoing mail.

Salary

Mean annual salary for this position is $28,370.

Where Employed

Many telecommute from home-based offices as employees or subcontractors for hospitals and transcription services or as self-employed, independent contractors. The majority of these workers are employed at hospitals, physicians offices, transcription service offices, clinics, laboratories, medical libraries, and government medical facilities. Hospitals will continue to employ a large percentage of medical transcriptionists, but job growth there will not be as fast as in other industries. An increasing demand for standardized records should result in rapid growth in physicians offices. Please refer to “Employers” section for directory of specific employers.

Personal Qualifications

In addition to understanding medical terminology, transcriptionists must have good English grammar and punctuation skills, as well as familiarity with personal computers and word processing software. Normal hearing acuity and good listening skills also are necessary. Employers often require applicants to take pre-employment tests.

Entrance Requirements

Employers prefer to hire transcriptionists who have completed postsecondary training in medical transcription, offered by many vocational schools, community colleges, and distance-learning programs.

Educational Requirements

Completion of a two-year associate’s degree or one-year certificate program—including coursework in anatomy, medical terminology, legal issues relating to health care documentation, and English grammar and punctuation—is highly recommended but not always required. Please refer to “Training and Education” section for specific education and training institutions and their requirements.
For Further Information
Please refer to “Professional Organizations” section for a list of professional organization Web sites.

Did You Know?
Interesting facts or figures about technology in your health care field
Medical transcriptionists need to be very knowledgeable and conscious in their reports for patient care.

All technology is needed to assure that the information transcribed is correct.

"Changes in technology will be the single greatest driver of change in health care documentation over the next decade and beyond," according to the American Association for Medical Transcription (AAMT, at www.aamt.org/). The association also predicts that medical transcriptionists will be important in the future when multiple electronic medical records (EMRs) are combined to create comprehensive electronic health records (EHRs).

The AAMT also asserts, “Speech recognition technology (SRT), also known as automated speech recognition (ASR), continuous speech recognition (CSR) or voice recognition (VR), refers to computer software systems that convert the spoken word to text. This technology is becoming more and more prevalent in the health care field, as it is being marketed to institutions and physicians as a way to increase productivity and lower costs. Already many MTs are using SRT in their jobs and that trend will continue to increase in future.”

Clinical documentation specialist is a tentative working title for the projected role of the medical transcriptionist in the EMR/EHR environment.

How is Technology Impacting Medical Transcriptionists?

Education. Education is needed for accuracy in reporting patients' care. The AAMT recommends that a medical transcription educational program be based on the Model Curriculum for Medical Transcription, 3rd edition, published by AAMT, which includes a course in transcription technology. Vance Digital records all "webinars" AAMT provides throughout the year for continuing education; and can be found through the AAMT Web site. Nationwide Recording Services has recorded AAMT's Annual Convention and Expositions since 2000; they can also be found through the AAMT Web site.

Research: Accuracy in research is needed when reporting patient care.

Provider relationships. The way a provider dictates patient information can be problematic; transcriptionists need a good working relationship with providers in order to verify the dictated report.
Introduction to Epidemiology

In light of recent man-made and natural disasters, the U.S. is placing a high priority on building up the public health workforce. Since 2002, federal funding has increased for public health preparedness in forms such as scholarships and loan repayment programs, workforce development grants, and funding for bioterrorism preparedness. Epidemiologists are a part of this public health workforce, especially in the area of bioterrorism preparedness.

Epidemiology is the study and control of disease or injury patterns in human populations. Epidemiologists are scientific disease detectives. They investigate what causes disease or injury, what the risks are, who is at risk, and how to prevent further incidences. They understand the demographic and social trends of disease and injury. Technology plays an integral part in assisting the epidemiologist in the decision-making process. Various computer software programs allow epidemiologists to quickly analyze large amounts of data, thus enabling quicker decisions. Other software allows epidemiologists to create maps of outbreaks to anticipate disease movement or view affected geographic areas. With the convenience of laptops, information on the Internet can be researched immediately at the site of an investigation. PDAs and cell phones are also becoming key tools for epidemiologists to remain in contact with other researchers during investigations.

Opportunities in epidemiology are expected to grow faster than average for all occupations through 2008. New positions are being added in hospitals and health care centers. Epidemiologists are needed to investigate outbreaks of new infectious diseases and diseases associated with bioterrorism. Most epidemiologists work for federal, state, or local public health departments. Many also work in medical centers and universities, while some others are teachers or researchers at universities or schools of public health.

At a minimum, an epidemiologist needs a master's degree from a school of public health. In some cases, a Ph.D. or medical degree might be needed depending on specific job duties. Since this field is strongly interdisciplinary, students must learn not only quantitative skills (including biostatistics and computer applications) but also a broad array of methods for fostering health promotion and disease prevention and assessing quality of health care. Professionals in this field use statistical analysis, but their approach and methods are distinctly different than those of biostaticians. Epidemiologists must take into account various hereditary, behavioral, environmental, and health care factors; they also must make extensive use of the contributions of biological, clinical, and other sciences including techniques derived in biochemistry and molecular biology. Students are taught various statistical software packages such as SPSS, SAS, Excel, EpiInfo and ArcGIS.
Normal and customary responsibilities of an incumbent professional in each field

**Epidemiology**

- Epidemiologist, 78
Epidemiologist

Description of Work
Some medical scientists specialize in epidemiology. This branch of medical science investigates and describes the determinants of disease, disability, and other health outcomes and develops the means for prevention and control. Epidemiologists may study many different diseases such as tuberculosis, influenza, or cholera, often focusing on epidemics.

Epidemiologists can be separated into two groups—research and clinical. Research epidemiologists conduct research in an effort to eradicate or control infectious diseases that affect the entire body such as AIDS or typhus. Others may focus only on localized infections of the brain, lungs, or digestive tract, for example.

Clinical epidemiologists work primarily in consulting roles at hospitals, informing the medical staff of infectious outbreaks and providing containment solutions. These epidemiologists sometimes are referred to as infection control professionals, and some of them are also physicians. Epidemiologists who are not physicians often collaborate with physicians to find ways to contain diseases and outbreaks. In addition to traditional duties of studying and controlling diseases, clinical epidemiologists may be required to develop standards and guidelines for the treatment and control of communicable diseases.

Salary
Mean annual salary for this position is $56,020.

Median annual earnings of epidemiologists were $54,800 in May 2004. The middle 50 percent earned between $45,320 and $67,160. The lowest 10 percent earned less than $36,130, and the highest 10 percent earned more than $82,310 (reported by the Bureau of Labor Statistics).

Where Employed
Research epidemiologists work at colleges and universities, schools of public health, medical schools, state and local health departments, governmental agencies, and research and development services firms. While some perform consulting services, other research epidemiologists may work as college and university faculty members.

Clinical epidemiologists work primarily in consulting roles at hospitals. Some may work in outpatient settings or at other medical facilities.

Among epidemiologists, recent estimates indicate that 50 percent were employed in government; 23 percent were employed in management, scientific, and technical consulting services; 12 percent were employed in scientific research and development services; and 8 percent were employed in private hospitals.

Please refer to “Employers Section” for directory of specific employers.

Personal Qualifications
Analytical Thinking — analyzing info and using logic to address issues and problems.

Attention to Detail — being careful about detail and being thorough in completing tasks; able to multitask with many projects going on at once.

Integrity — being honest and ethical.

Cooperation — being pleasant with others on the job and displaying a good-natured, cooperative attitude; communicate and work well with others in investigations and in dealing with the public.

Dependability — being reliable, responsible, and dependable; fulfilling obligations.

Initiative — willingness to take on responsibilities and challenges.

Achievement/effort — establishing and maintaining personally challenging achievement goals and exerting effort toward mastering tasks.

Independence — developing one’s own ways of doing things, guiding oneself with little or no supervision and depending on oneself to get things done; working independently.

Persistence — persisting in the face of obstacles such as in an outbreak investigation involving the potentially difficult task of questioning the public to track down the source of the disease.

Stress tolerance — accepting criticism and dealing calmly and effectively with high-stress situations.

Entrance Requirements
Epidemiologists typically require a master’s degree in public health or, in some cases, a Ph.D. or medical degree.

Educational Requirements
Few students select epidemiology for undergraduate study. Undergraduates, nonetheless, should study biological sciences and should have a solid background in chemistry, mathematics, and computer science. Once a student is prepared for graduate studies, he or she can choose a specialty

within epidemiology. Specialty areas that students can pursue include environmental or occupational studies, infectious process, infection control precautions, chronic disease, surveillance methodology, and outbreak investigation. Some epidemiologists begin their careers in other health care occupations such as nursing and medical technology.

The minimum educational requirement for epidemiology is a master's degree from a school of public health. Some jobs require a Ph.D. or medical degree depending on the work performed. Epidemiologists who work in hospitals and health care centers often must have medical degrees with specific training in infectious diseases. Some employees in research epidemiology positions are required to be licensed physicians because they must administer drugs in clinical trials.

The Association for Professionals in Infection Control and Epidemiology (APIC) offers continuing education courses and certification programs in infection prevention and control and applied epidemiology. To become certified as an infection control professional, applicants are required by a certified board to pass an examination for a one-time fee. Certification is recommended for those seeking advancement and for those seeking to continually upgrade their knowledge in a rapidly evolving field.

Please refer to “Training and Education” section for specific education and training institutions and their requirements.

FOR FURTHER INFORMATION

Please refer to “Professional Organizations” section for a list of professional organization Web sites.

DID YOU KNOW?

Interesting facts or figures about technology in your health care field

Epidemiologists are scientists who first identify a disease in a population and then track it as it moves through populations. Epidemiologists research the cause and frequency of a disease by using statistics and demographics (i.e., ethnicity, race, and age) to prevent or control the spread of new diseases. (Source: www.healthcareersinct.com)

Epidemiologists may specialize in clinical healthy industry (clinical epidemiology), infectious diseases (e.g., HIV, tuberculosis, sexually transmitted diseases), chronic diseases (e.g., heart disease, cancer, diabetes), occupational/environmental diseases, and/or school health. Epidemiologists work at colleges/universities, state and local health departments, federal or government health agencies, research institutions, and large medical corporations. (Source: www.healthcareersinct.com)

Educational requirements for an epidemiologist vary depending on the area of interest. Most positions require at least a master’s degree from a school of public health. For other positions, a nursing background is preferred. For instance, some hospitals employ RNs as epidemiologists for infectious disease control and monitoring within their facilities. In some cases, a Ph.D. or medical degree is required depending on the work. Clinical epidemiologists or research epidemiologists who work in hospitals or health care centers often must have a medical degree with specific training in infectious diseases. (Source: http://careers.stateuniversity.com)

Various universities around the nation offer certifications in epidemiology. In Tennessee, East Tennessee State University offers this type of program, in which the student learns more about concepts of epidemiology used in public health through specific courses (fifteen hours must be completed for certification (www.etsu.edu/reg/catalogs/graduate/2005_2006/epidemiology_certificate.htm). The University of North Carolina’s School of Public Health offers similar courses free online through their Public Health Preparedness Site Training at www2.sph.unc.edu/nccphp/training/training_list/.

There are portable data systems (such as the Outbreak Management System) to collect information during an outbreak of disease. These programs help epidemiologists in the field to more quickly collect and analyze patient information.

Epidemiologists can take courses online that deal with new methodologies such as forensic epidemiology or environmental epidemiology.

Some environmental epidemiologists keep hazardous materials information on hand-held PDAs so they can look up material regarding treatment, suppression, and protection from hazardous materials.

HOW IS TECHNOLOGY IMPACTING EPIDEMIOLOGISTS?

Epidemiologists can gain additional understanding about the field through computer programs previously limited in availability, resulting in more experienced practitioners. Computers have also made epidemiological research easier to conduct.

Technology is affecting epidemiology most in the areas of statistical computer programs such as SAS, SPSS, EpiInfo, and the mapping software ArcGIS, which allows epidemiologists to analyze large data sets for clusters, geographic distribution, frequency, etc., more quickly than by hand.
or with the size limitations in Excel. Technology also improves decision making about the control of diseases. For instance, GIS is often used to determine where targeted testing for tuberculosis should be conducted.

Epidemiologists need undergraduate training in general sciences and math followed by a master’s degree in public, community, or environmental health as a minimum. Many are physicians or veterinarians with additional training such as a master’s in public health.

Epidemiologists use computers and software like Word, Excel, Access, EpiInfo, SPSS (Statistical Package for the Social Sciences), SAS (Statistical Analysis Software), and GIS (Geographic Information System).

Epidemiologists may analyze large data sets, participate in disease investigations (collect samples, interview patients and contacts of patients, design databases, analyze data, interpret data, write reports, make presentations), and provide a broad audience (citizens, schools, other agencies, etc.) with health information.

Epidemiologists may participate in disaster response activities.

Some epidemiologists focus on specific diseases (e.g., cancer or cardiovascular epidemiologists).

**Epidemiology Training Programs**

**Tennessee Public Health Workforce Development Consortium**

www.utmem.edu/tnconsortium

Consortium members:

- University of Tennessee, Knoxville
- University of Tennessee Health Science Center, Memphis
- East Tennessee State University
- Tennessee Department of Health

**Program:** Certificate in Epidemiology

**University of North Carolina, School of Public Health**

www2.sph.unc.edu/nccphp/training/training_list/

**Online Program:** Public Health Preparedness site training
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Belmont University
www.belmont.edu
Program
O.T.D., M.S., Occupational Therapy
D.P.T., Doctorate Physical Therapy
B.S., Medical Imaging Technology

Pre-Occupational Therapy Program is also available. For further information on Pre-Occupational Therapy, call (615) 460-6700.

Cumberland University
www.cumberland.edu/
Program
B.S., Athletic Training

David Lipscomb University
www.lipscomb.edu/
Program
B.S., Athletic Training
B.S., Dietetics

Fisk University
www.fisk.edu/
Program
Pre-Medical Technology

Middle Tennessee State University
www.mtsu.edu
Program
B.S., Recreational Therapy
B.S., Emphasis in Medical Technology
B.S., Emphasis in Nuclear Medicine Technology
B.S., Emphasis in Radiation Therapy
B.S., Athletic Training
B.S., Dietetics, M.S. Human Sciences - Nutrition
B.A., B.S., Communication Disorders

Graduate Certificate Programs in Gerontology and Health Care Management – Dr. Ron Aday, raday@mtsu.edu or (615) 898-2693

Pre-Professional Health Sciences Programs at Middle Tennessee State University:
Pre-Medical
Pre-Dental
Pre-Pharmacy
Pre-Dental Hygiene
Pre-Physical Therapy
Pre-Occupational Therapy
Pre-Health Information Management
Pre-Cytotechnology
Pre-Medical Technology
Pre-Radiation Therapy
Pre-Nuclear Medicine Technology

For further information on any of the pre-professional health sciences programs, contact Jennifer Braswell at jbraswel@mtsu.edu or (615) 898-5465.
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**Hospital Training Programs**

**Nashville General Hospital at Meharry**

www.nashville.gov/general_hospital/

Program
Certificate, Radiologic Technology

Other programs:
Certificate, EKG/Cardiographic Technician

**Vanderbilt University**

(through Vanderbilt Hospital)

www.mc.vanderbilt.edu/alliedhealth/

Program
Certificate, Medical Technology
Certificate, Radiation Therapy
Certificate, Nuclear Medicine Technology
Certificate, Medical Sonography

Other:
Certificate, Perfusionist (Cardiovascular)

For further information on the perfusionist program, contact James J. Ramsey, J.D., C.C.P. at james.ramsey@vanderbilt.edu

**University of St. Francis**

Program
Master of Science, Health Services Administration
(Offered on site in hospitals upon demand for allied health and nursing professionals.)

**Proprietary Schools and Training Institutes**

**Draughons Junior College**

www.draughons.edu

Program
Diploma, Health Information Technology
Diploma, Medical Assistant

**High Tech Institute**

www.hightechinstitute.com/

Program
A.S., Dental Assistant
A.A.S., Medical Assistant
A.A.S., Surgical Technologist
A.A.S., Medical Billing and Coding

**Nashville College of Medical Careers**

www.Nashvillecollege.com

Program
Certificate, Medical Assistant

**National College of Business and Technology**

www.nationalbusiness.edu/

Program
A.A.S., Medical Assistant
Diploma, Medical Transcription
Diploma, Medical Billing and Coding
A.A.S., Health Information Technology

**Remington College**

www.remingtoncollege.com

Program
Medical Assisting
Dental Assisting

**Southeastern Career College**

www.southeasterncareercollege.com/

Program
Medical Assisting

**Tennessee Career College**

www.tennesseecareercollege.com/

Program
Certificate, Medical Transcription
Certificate, Medical Coding

**University of Phoenix, Nashville**

www.phoenix.edu/

Program
B.S.H.A., Health Care Administration
M.B.A./HCM, Masters of Business in Health Care Management
**Epidemiology Training Programs**

**Tennessee Public Health Workforce Development Consortium**

www.utmem.edu/tnconsortium

Consortium members:
University of Tennessee, Knoxville
University of Tennessee Health Science Center, Memphis
East Tennessee State University
Tennessee Department of Health

**Program**
Certificate in Epidemiology

**University of North Carolina School of Public Health**

www2.sph.unc.edu/nccphp/training/training_list/

**Online Program**
Public Health Preparedness site training
## Certified Nurse Assistant Programs

### Quality Care Health Center

- **Name of program:** Certified Nurse Assistant classes
- **Type of program:** Certified Nurse Assistant
- **School or program website:** None available
- **Address (including which county):**
  932 Baddour Parkway
  Lebanon, TN 37087
  (Wilson County)
- **Office to contact for information:** Brenda Huffman
- **Phone number:** (615) 449-5170
- **Fax number:** (615) 499-6670
- **Email address:** None Available
- **Prerequisites for entry into the program:** None
- **Length of the program:** Three weeks
- **Degree or certification awarded:** Certificate of completion

### Wilson County Vocational Center

- **Name of program:** Certified Nurse Assistant classes – for high school students only
- **Type of program:** Certified Nurse Assistant
- **School or program website:** www.wcschools.com/wcv/default_wcvc.htm
- **Address (including which county):**
  418 Harding Drive
  Lebanon, TN 37087
  (Wilson County)
- **Office to contact for information:** Reception
- **Phone number:** (615) 444-1104
- **Fax number:** None available
- **Email address:** None available
- **Prerequisites for entry into the program:** Must be a high school student
- **Length of the program:** One semester
- **Degree or certification awarded:** Certificate of completion
Community Care of Rutherford County

Name of program:
Certified Nurse Assistant classes

Type of program:
Certified Nurse Assistant

School or program website:
None available

Address (including which county):
901 E. County Farm Road
Murfreesboro, TN 37130
(Rutherford County)

Office to contact for information:
Reception

Phone number:
(615) 893-2624

Fax number:
(615) 898-7989

Email address:
None Available

Prerequisites for entry into the program:
Must be eighteen, and have a criminal background check, abuse record check and reference check

Length of the program:
One forty hour work week, they will be hired once they pass the test.

Degree or certification awarded:
Certificate of completion

Northside Health Care Center

Name of program:
Certified Nurse Assistant classes

Type of program:
Certified Nurse Assistant

School or program website:
www.northsidehealthcare.com

Address (including which county):
202 East MTCS Drive
Murfreesboro, TN 37130
(Rutherford County)

Office to contact for information:
Admissions

Phone number:
(615) 849-8748

Fax number:
(615) 849-3985

Email address:
northside@northsidehealthcare.com

Prerequisites for entry into the program:
None

Length of the program:
Three and one-half weeks

Degree or certification awarded:
Certificate of completion

NHC Healthcare, Murfreesboro

Name of program:
Certified Nurse Assistant classes

Type of program:
Certified Nurse Assistant

School or program website:
None available

Address (including which county):
420 N. University St.
Murfreesboro, TN 37130
(Rutherford County)

Office to contact for information:
Reception

Phone number:
(615) 893-2602

Fax number:
(615) 890-1224

Email address:
None available

Prerequisites for entry into the program:
None

Length of the program:
Four weeks (Mon-Thur)

Degree or certification awarded:
Certificate of completion

Tennessee Rehabilitation Center NAT Program

Name of program:
Certified Nurse Assistant classes

Type of program:
Certified Nurse Assistant

School or program website:
www.state.tn.us/humanserv/trc.htm

Address (including which county):
460 Ninth Ave
Smyrna, TN 37167
(Rutherford County)

Office to contact for information:
Admissions

Phone number:
(615) 459-6811, ext. 219

Fax number:
(615) 355-1373

Email address:
susan.dorson@state.tn.us

Prerequisites for entry into the program:
None

Length of the program:
Two and one half weeks

Degree or certification awarded:
Certificate of completion
### Cumberland Manor Nursing Home

**Name of program:**
Certified Nurse Assistant classes

**Type of program:**
Certified Nurse Assistant

**School or program website:**
None available

**Address (including which county):**
4343 Hydes Ferry Pike
Nashville, TN
(Davidson County)

**Office to contact for information:**
Main office

**Phone number:**
(615) 726-0492

**Fax number:**
(615) 742-3100

**Email address:**
None available

**Prerequisites for entry into the program:**
Must be high school graduate or have GED

**Length of the program:**
80-100 hours

**Degree or certification awarded:**
Certificate of completion

### McKendree Village, Inc.

**Name of program:**
Certified Nurse Assistant classes

**Type of program:**
Certified Nurse Assistant

**School or program website:**
www.mckendree.com/index.htm

**Address (including which county):**
4347 Lebanon Road
Hermitage, TN 37076
(Davidson County)

**Office to contact for information:**
Main office

**Phone number:**
(615) 889-6990

**Fax number:**
None available

**Email address:**
allison.kuhar@mckendree.com

**Prerequisites for entry into the program:**
None

**Length of the program:**
Two and one half weeks

**Degree or certification awarded:**
Certificate of completion

### Maplewood High School

**Name of program:**
Certified Nurse Assistant classes

**Type of program:**
Certified Nurse Assistant

**School or program website:**
www.nashville.k12.tn.us/maplewood/

**Address (including which county):**
401 Maplewood Lane
Nashville, TN 37216
(Davidson County)

**Office to contact for information:**
Main office

**Phone number:**
(615) 262-6623

**Fax number:**
(615) 262-6772

**Email address:**
None available

**Prerequisites for entry into the program:**
For high school students only

**Length of the program:**
One year

**Degree or certification awarded:**
Certificate of completion

### Nursing Assistant Training Specialists

**Name of program:**
Certified Nurse Assistant classes

**Type of program:**
Certified Nurse Assistant

**School or program website:**
None available

**Address (including which county):**
212 Pavilion Boulevard
Nashville TN 37217
(Davidson County)

**Office to contact for information:**
Main office

**Phone number:**
(615) 360-7880

**Fax number:**
None available

**Email address:**
None available

**Prerequisites for entry into the program:**
None

**Length of the program:**
Five weeks

**Degree or certification awarded:**
Certificate of completion
**Priority Hospice Care, Inc.**

**Name of program:** Certified Nurse Assistant classes  
**Type of program:** Certified Nurse Assistant  
**School or program website:** www.priorityhospice.com/  
**Address (including which county):**  
619 Woodland Street  
Nashville, TN 37206  
(Davidson County)  
**Office to contact for information:** Main office  
**Phone number:** (615) 228-1161  
**Fax number:** None available  
**Email address:** Info@priorityhospice.com  
**Prerequisites for entry into the program:** None  
**Length of the program:** Three weeks  
**Degree or certification awarded:** Certificate of completion

**Medical Institute of Technology**

**Name of program:** Certified Nurse Assistant classes  
**Type of program:** Certified Nurse Assistant  
**School or program website:** None available  
**Address (including which county):**  
223 Madison Street, Suite 205  
Madison, TN 37115  
(Davidson County)  
**Office to contact for information:** Main office  
**Phone number:** (615) 612-0037  
**Fax number:** (615) 340-0779  
**Email address:** None available  
**Prerequisites for entry into the program:** Must be 18, have a valid ID, and pass a general knowledge test  
**Length of the program:** Five weeks–daytime, or Nine weeks–evenings  
**Degree or certification awarded:** Certificate of completion

**St. Thomas Hospital Health Services**

**Name of program:** Patient Care Technician training  
**Type of program:** Certified Nurse Assistant  
**School or program website:** www.saintthomas.org  
**Address (including which county):**  
4220 Harding Road  
Nashville, TN 37202  
(Davidson County)  
**Office to contact for information:** Education  
**Phone number:** (615) 222-6722  
**Fax number:** (615) 222-6869  
**Email address:** JCLEND@stthomas.org  
**Prerequisites for entry into the program:** Two years college or three years of employment in healthcare setting  
**Length of the program:** Six weeks  
**Degree or certification awarded:** Certificate of completion and become a Saint Thomas employee

**NHC Healthcare, Dickson**

**Name of program:** Certified Nurse Assistant classes  
**Type of program:** Certified Nurse Assistant  
**School or program website:** www.nhcdickson.com/  
**Address (including which county):**  
812 N. Charlotte Street  
Dickson, TN 37055  
(Dickson County)  
**Office to contact for information:** Reception  
**Phone number:** (615) 446-8046  
**Fax number:** (615) 441-3138  
**Email address:** nhc@nhcdickson.com  
**Prerequisites for entry into the program:** Interview  
**Length of the program:** Two weeks  
**Degree or certification awarded:** Certificate of completion
Tennessee Technology Center at Hartsville

Name of program:
Certified Nurse Assistant classes

Type of program:
Certified Nurse Assistant

School or program website: www.hartsville.tec.tn.us/

Address (including which county):
716 McMurray BLVD.
Hartsville, TN 37074
(Trousdale County)

Office to contact for information:
Admissions

Phone number:
(615) 374-2147

Fax number:
(615) 374-2149

Email address:
anette.marshall@hartsville.tec.tn.us

Prerequisites for entry into the program:
Must be at least 18

Length of the program:
1,296 hours

Degree or certification awarded:
Certificate of completion

Centennial High School

Name of program:
Certified Nurse Assistant classes

Type of program:
Certified Nurse Assistant

School or program website:
www.wcs.edu/chs/

Address (including which county):
5050 Mallory Lane
Franklin, TN 37067
(Williamson County)

Office to contact for information:
Main Office

Phone number:
(615) 472-4270

Fax number:
(615) 591-2567

Email address:
donnag1@wcs.edu

Prerequisites for entry into the program:
Must be a high school student

Length of the program:
One year

Degree or certification awarded:
Certificate of completion

NHC Healthcare

Name of program:
Certified Nurse Assistant classes

Type of program:
Certified Nurse Assistant

School or program website:
None available

Address (including which county):
216 Fairground Street
Franklin, TN 37067
(Williamson County)

Office to contact for information:
Main office

Phone number:
(615) 790-0154

Fax number:
None available

Email address:
None available

Prerequisites for entry into the program:
None

Length of the program:
Two and one-half to three weeks

Degree or certification awarded:
Certificate of completion

Page High School

Name of program:
Certified Nurse Assistant classes

Type of program:
Certified Nurse Assistant

School or program website:
www.wcs.edu/phs

Address (including which county):
6281 Arno Road
Franklin, TN 37064
(Williamson County)

Office to contact for information:
Main office

Phone number:
(615) 595-2080

Fax number:
None available

Email address:
None available

Prerequisites for entry into the program:
Must be a high school student, completed a health science class and medical therapy class

Length of the program:
One year

Degree or certification awarded:
Certificate of completion
Highland Manor Nursing Home

Name of program:
Certified Nurse Assistant classes

Type of program:
Certified Nurse Assistant

School or program website:
None available

Address (including which county):
215 Highland Circle
Portland, TN 37148
(Sumner County)

Office to contact for information:
Main office

Phone number:
(615) 325-9263

Fax number:
(615) 325-5776

Email address:
None available

Prerequisites for entry into the program:
Must be hired first

Length of the program:
Two and one half weeks

Degree or certification awarded:
Certificate of completion

Westmoreland Care and Rehabilitation Center

Name of program:
Certified Nurse Assistant classes

Type of program:
Certified Nurse Assistant

School or program website:
www.lafayettetn.com/westmoreland_rehab.htm

Address (including which county):
1559 New Highway 52
Westmoreland, TN 37186
(Sumner County)

Office to contact for information:
Main office

Phone number:
(615) 644-5111

Fax number:
(615) 644-3236

Email address:
None available

Prerequisites for entry into the program:
None

Length of the program:
Four weeks

Degree or certification awarded:
Certificate of completion

NHC Healthcare, Hendersonville

Name of program:
Certified Nurse Assistant classes

Type of program:
Certified Nurse Assistant

School or program website:
www.nhchville.com/index.htm

Address (including which county):
370 Old Shackle Island Road
Hendersonville, TN 37075
(Sumner County)

Office to contact for information:
Health Information Manager

Phone number:
(615) 824-0720

Fax number:
(615) 824-0272

Email address:
sandrat@nhchville.com

Prerequisites for entry into the program:
None

Length of the program:
Three weeks

Degree or certification awarded:
Certificate of completion
INACTIVE
CERTIFIED NURSE ASSISTANT PROGRAMS:
(Inactive programs were included because they open and close based on workforce demands.)

Facility Name: Margie Anna Nursing Home
Facility Address: 152 South College Street
City/State/Zip: Lebanon, TN 37087
County: Wilson
Phone: (615) 444-2882

Facility Name: Mariner Health Care Center of Lebanon
Facility Address: 731 Castle Heights Court
City/State/Zip: Lebanon, TN 37087
County: Wilson
Phone: (615) 444-4319

Facility Name: Mt. Juliet High School
Facility Address: 3565 N. Mt. Juliet Rd.
City/State/Zip: Mt. Juliet, TN 37122
County: Wilson
Phone: (615) 758-5606

Facility Name: University Medical Center
Facility Address: 1411 Baddour Parkway
City/State/Zip: Lebanon, TN 37087
County: Wilson
Phone: (615) 444-8262

Facility Name: Peachtree Center
Facility Address: 202 Enon Springs Rd., Box 815
City/State/Zip: Smyrna, TN 37167
County: Rutherford
Phone: (615) 459-5621

Facility Name: Tennessee Veterans Home
Facility Address: 345 Compton Rd.
City/State/Zip: Murfreesboro, TN 37130
County: Rutherford
Phone: (615) 895-8850

Facility Name: Area Health Education Center
Facility Address: 1005 Dr. D. B. Todd, Jr. Blvd.
City/State/Zip: Nashville, TN 37208
County: Davidson
Phone: (615) 327-6834

Facility Name: Baptist Hospital Sub-Acute Unit
Facility Address: 2000 Church Street
City/State/Zip: Nashville, TN 37236
County: Davidson
Phone: (615) 248-5003

Facility Name: Bethany Health Care Center
Facility Address: 421 Ocala Drive
City/State/Zip: Nashville, TN 37211
County: Davidson
Phone: (615) 834-4214

Facility Name: Crestview Nursing Home
Facility Address: 2030 25th Ave. North
City/State/Zip: Nashville, TN 37208
County: Davidson
Phone: (615) 256-4697

Facility Name: Good Samaritan Health and Rehab Center
Facility Address: 500 Hickory Hollow Terrace
City/State/Zip: Antioch, TN 37013
County: Davidson
Phone: (615) 731-7130

Facility Name: Health Care Center at the Richland Place
Facility Address: 504 Elmington Ave.
City/State/Zip: Nashville, TN 37205
County: Davidson
Phone: (615) 292-4900

Facility Name: Integrated Health Services of Nashville
Facility Address: 2733 McCampbell Road
City/State/Zip: Nashville, TN 37214
County: Davidson
Phone: (615) 885-0483

Facility Name: Lakeshore Estates (The Meadows)
Facility Address: 8044 Coley Davis Road
City/State/Zip: Nashville, TN 37221
County: Davidson
Phone: (615) 646-4466
Facility Name: Middle Tennessee Medical Pool
Facility Address: 1161 Murfreesboro Road
City/State/Zip: Nashville, TN 37217
County: Davidson
Phone: (615) 399-9214

Facility Name: Mt. Juliet Health Care Center
Facility Address: 2650 N. Mt. Juliet Rd.
City/State/Zip: Hermitage, TN 37076
County: Davidson
Phone: (615) 758-4100

Facility Name: Murci-Homes, Inc.
Facility Address: 2964 Baby Ruth Lane
City/State/Zip: Antioch, TN 37013
County: Davidson
Phone: (615) 641-6446

Facility Name: Nashville Caring Center
Facility Address: 701 Porter Road
City/State/Zip: Nashville, TN 37206
County: Davidson
Phone: (615) 226-3264

Facility Name: Nashville Metro Bordeaux Hospital
Facility Address: 1414 County Hospital Road
City/State/Zip: Nashville, TN 37218
County: Davidson
Phone: (615) 862-6871

Facility Name: Nashville Opportunities Ind. Ctr. (OIC)
Facility Address: 1567 Meharry Blvd.
City/State/Zip: Nashville, TN 37208
County: Davidson
Phone: (615) 321-0021

Facility Name: Vanco Manor Nursing Home
Facility Address: 813 S. Dickerson Road
City/State/Zip: Goodlettsville, TN 37072
County: Davidson
Phone: (615) 859-6600

Facility Name: The Windsor House
Facility Address: 3425 Knight Drive
City/State/Zip: Whites Creek, TN 37189
County: Davidson
Phone: (615) 876-5526

Facility Name: Claiborne and Hughes Convalescent Center
Facility Address: 200 Strahl Street
City/State/Zip: Franklin, TN 37064
County: Williamson
Phone: (615) 791-1103

Facility Name: Harpeth Terrace Convalescent Center
Facility Address: 1287 West Main Street
City/State/Zip: Franklin, TN 37064
County: Williamson
Phone: (615) 794-8417

Facility Name: Beverly Health and Rehab Center
Facility Address: 104 Watson Road
City/State/Zip: Springfield, TN 37172
County: Robertson
Phone: (615) 384-9565

Facility Name: NHC Healthcare, Springfield
Facility Address: 608 Eighth Ave. East
City/State/Zip: Springfield, TN 37172
County: Robertson
Phone: (615) 384-8453

Facility Name: Robertson County Vocational School
Facility Address: 5326 Hwy. 76 East
City/State/Zip: Springfield, TN 37172
County: Robertson
Phone: (615) 384-2491

Facility Name: American Red Cross/Gallatin
Facility Address: 425 South Water
City/State/Zip: Gallatin, TN 37066
County: Sumner
Phone: (615) 452-0741

Facility Name: Beech High School
Facility Address: 3126 Long Hollow Pike
City/State/Zip: Hendersonville, TN 37075
County: Sumner
Phone: (615) 824-6200

Facility Name: Brandywood Nursing Home
Facility Address: 555 East Bledsoe Street
City/State/Zip: Gallatin, TN 37066
County: Sumner
Phone: (615) 452-7132
Facility Name: Gallatin Health Care Associates  
Facility Address: 438 North Water  
City/State/Zip: Gallatin, TN 37066  
County: Sumner  
Phone: (615) 452-2322

Facility Name: Hendersonville Hospital  
Facility Address: 355 New Shackle Island Road  
City/State/Zip: Hendersonville, TN 37075  
County: Sumner  
Phone: (615) 264-4000

Facility Name: Hendersonville Nursing Home  
Facility Address: 672 West Main Street  
City/State/Zip: Hendersonville, TN 37075  
County: Sumner  
Phone: (615) 824-8301

Facility Name: Volunteer State Community College  
Facility Address: 1480 Nashville Pike  
City/State/Zip: Gallatin, TN 37066  
County: Sumner  
Phone: (615) 230-3346

Facility Name: Hillcrest Health Care Center, LLC  
Facility Address: 111 East Lennox Street  
City/State/Zip: Ashland City, TN 37015  
County: Cheatham  
Phone: (615) 792-9154

Facility Name: Comprehensive Care Center  
Facility Address: 649 McMurry Blvd.  
City/State/Zip: Hartsville, TN 37074  
County: Trousdale  
Phone: (615) 374-2167

Facility Name: Horizon Medical Center  
Facility Address: 111 Highway 70 East  
City/State/Zip: Dickson, TN 37055  
County: Dickson  
Phone: (615) 446-0446

Facility Name: Dickson County Senior High School  
Facility Address: 509 Henslee Drive  
City/State/Zip: Dickson, TN 37055  
County: Dickson  
Phone: (615) 446-9003
**Tennessee Technology Center at Dickson**

**Name of program:**
Practical Nursing Program

**Type of program:**
LPN Program

**School or program website:**
www.dickson.tec.tn.us/progpn.htm

**Address (including which county):**
740 Highway 46
Dickson, TN 37055
(Dickson County)

**Office to contact for information:**
Laura Travis, Health Careers Coordinator

**Phone number:**
(615) 441-6220

**Fax number:**
(615) 441-6223

**Email address:**
Ltravis@dickson.tec.tn.us

**Prerequisites for entry into the program:**
Prospective students are urged to submit an application to the front office, tour the department, and meet the instructor prior to enrollment. Enrollment is based on first-come, first-served basis. Applications may be made in person at the school between 7:30 a.m. and 4:00 p.m. Monday through Friday. Students must attend an information session, have a high school or GED diploma, score a minimum on the NET, submit references, and successfully complete a thorough physical examination. The Departmental Advisory Committee reviews all applications for admission and recommends applicants for acceptance.

**Length of the program:**
12 months

**Degree or certification awarded:**
Upon completion of the course, the graduate will receive a Practical Nurse diploma and is then eligible for written examination by the State Board of Nursing.

**Articulation agreements:**
There is no articulation agreement with any lower level programs (high school programs). Currently, articulation agreements are in the works that would allow a more smooth transition into a higher level program (LPN to RN).

**Transcript review procedures:**
Applicants should send the application for admissions to the front office. Transfer credits will be evaluated.

**Advanced placement options:**
There are no advanced placement options.

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**Tennessee Technology Center at Hartsville**

**Name of program:**
Practical Nursing Program

**Type of program:**
LPN Program

**School or program website:**
www.hartsville.tec.tn.us/ttcmain/wwwroot/ttcmain.htm

**Address (including which county):**
716 McMurry Blvd.
Hartsville, TN 37074-2028
(Trousdale County)

**Office to contact for information:**
Student Services

**Phone number:**
(615) 374-2147

**Fax number:**
(615) 347-2149

**Email address:**
annette.marshall@hartsville.tec.tn.us

**Prerequisites for entry into the program:**
Prospective students are urged to submit an application to the front office, tour the department, and meet the instructor prior to enrollment. Enrollment is based on first-come, first-served basis. Applications may be made in person at the school between 7:30 a.m. and 4:00 p.m. Monday through Friday. Students must attend an information session, have a high school or GED diploma, score a minimum on the NET, submit references, and successfully complete a thorough physical examination. The Departmental Advisory Committee reviews all applications for admission and recommends applicants for acceptance.

**Length of the program:**
12 months

**Degree or certification awarded:**
Upon completion of the course, the graduate will receive a Practical Nurse diploma and is then eligible for written examination by the State Board of Nursing.

**Articulation agreements:**
There is no articulation agreement at the present time.

**Transcript review procedures:**
Applicants should send the application for admissions to the front office. Transfer credits will be evaluated.

**Advanced placement options:**
There are no advanced placement options.
TENNESSEE TECHNOLOGY CENTER
AT MURFREESBORO

Name of program:
Practical Nursing Program

Type of program:
LPN Program

School or program website:
www.murfreesboro.tec.tn.us

Address (including which county):
1303 Old Fort Parkway
Murfreesboro, TN 37129
(Rutherford County)

Office to contact for information:
Practical Nursing, Sandra Reid

Phone number:
(615) 898-8010, ext. 135

Fax number:
(615) 893-4194

Email address:
sandra.reid@murfreesboro.tec.tn.us

Prerequisites for entry into the program:
Prospective students are urged to submit an application to
the front office, tour the department, and meet the instruc-
tor prior to enrollment. Enrollment is based on first-come,
first-served basis. Applications may be made in person at
the school between 7:30 a.m. and 4:00 p.m. Monday
through Friday. Students must attend an information
session, have a high school or GED diploma, score a
minimum on the NET, submit references, and successfully
complete a thorough physical examination. The
Departmental Advisory Committee reviews all applications
for admission and recommends applicants for acceptance.

Length of the program:
12 months

Degree or certification awarded:
Upon completion of the course, the graduate will receive a
Clinical Practice Program Award and Length A diploma
and is then eligible for written examination by the State
Board of Nursing.

Articulation agreements:
None

Transcript review procedures:
Applicants should send the application for admissions to
the front office. Transfer credits will be evaluated.

Advanced placement options:
There are no advanced placement options.

TENNESSEE TECHNOLOGY CENTER
AT NASHVILLE

Name of program:
Practical Nursing Program

Type of program:
LPN Program

School or program website:
www.nashville.tec.tn.us/

Address (including which county):
100 White Bridge Road
Nashville, TN 37209
(Davidson County)

Office to contact for information:
Student Services

Phone number:
(615) 741-1241

Fax number:
(615) 356-0187

Email address:
lnorvell@nashville.tec.tn.us

Prerequisites for entry into the program:
Applicants must first take and pass the Nurse Entrance
Test (NET). Interested persons may contact the school at
(615) 741-1241, ext. 124 to schedule a testing date. An
application packet will be provided upon successful com-
pletion of the NET test. Students must attend an informa-
tion session, have a high school or GED diploma, score a
minimum on the NET, submit references, and successfully
complete a thorough physical examination and attend a
personal interview with the Director of Nursing.

Length of the program:
12 months

Degree or certification awarded:
Upon completion of the course, the graduate will receive a
Practical Nurse diploma and is then eligible for written
examination by the State Board of Nursing.

Articulation agreements:
There is no articulation agreement at the present time.

Transcript review procedures:
Applicants should send the application for admissions to
the front office. Transfer credits will be evaluated.

Advanced placement options:
There are no advanced placement options.
**Aquinas College**

**Name of program:**
Associate of Applied Science Degree in Nursing

**Type of program:**
Registered Nurse

**School or program website:**
www.aquinas-tn.edu/nursing/index.htm

**Address (including which county):**
4210 Harding Road
Nashville, TN 37205
(Davidson County)

**Office to contact for information:**
Director of ASN program, Peggy Daniel

**Phone number:**
(615) 297-7545, ext. 460

**Fax number:**
None provided

**Email address:**
admissions@aquinas-tn.edu

**Prerequisites for entry into the program:**
Applicants must submit an official transcript from an accredited high school and an official ACT or SAT score report. For admission, applicants must have an overall GPA of 2.0 and ACT enhanced scores of: Composite 18, English 18, Math 18. Nursing applicants must also complete the following prerequisite courses with at least a “C” average: Math: high school algebra I and II or college level math; Science: high school chemistry or college level chemistry or Biology or Anatomy and Physiology I and II; Computer Technology: high school Introduction to Computers or college level Introduction to Computers. Have a cumulative GPA of 2.75 or minimum GED score of 50 and complete, with a passing score, the Nursing Pre-Admission exam.

**Length of the program:**
Four semesters

**Degree or certification awarded:**
Associates of Applied Science degree in Nursing

**Articulation agreements:**
Aquinas does not have an agreement with any other lower level program. The ASN program is two years from start to finish. Aquinas is an accredited college.

**Transcript review procedures:**
Applicants should send the application for admissions and official transcripts to the Admissions Department. Transfer credits will be evaluated; most of the time if they come from another accredited college they are transferable.

**Advanced placement options:**
There is no advanced placement option in the program.

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**Columbia State Community College**

**Name of program:**
Associate of Applied Science Degree in Nursing

**Type of program:**
Registered Nurse

**School or program website:**
www.columbiastate.edu/nursing

**Address (including which county):**
P.O. Box 1315
Columbia, TN 38402
(Williamson County)

**Office to contact for information:**
Health Sciences/Nursing

**Phone number:**
(931) 540-2600

**Fax number:**
(931) 540-2974

**Email address:**
ewen@columbiastate.edu

**Prerequisites for entry into the program:**
Meet all college general requirements as degree-seeking student, satisfy all mandatory assessment and placement requirements prior to submitting application to nursing program, ACT or equivalent college entrance exam regardless of educational experience or age. Exceptions to ACT requirement may be made when applicant has an earned degree in a related field with program director approval. Earned cumulative grade point average of 2.5 or above on 4.0 scale. Students without previous college experience must have completed 2 years of high school math and 2 years of high school science. GED recipients must score at least 50 or above.

**Length of the program:**
Four semesters (66 hours)

**Degree or certification awarded:**
Associates of Applied Science degree in Nursing

**Articulation agreements:**
See advanced placement option below.

**Transcript review procedures:**
If applicant has been enrolled in another nursing program, courses will be evaluated for transfer credit on an individual basis. If three or more years have elapsed since enrollment in nursing courses, courses must be repeated. If 5 or more years, anatomy and physiology must be repeated, and all other current application requirements apply.

**Advanced placement options:**
Licensed LPNs are eligible to apply for advanced standing in the program by taking challenge exams and completing the application for the Nursing LPN Mobility Program.
**TENNESSEE STATE UNIVERSITY**

**Name of program:**
Associate of Applied Science Degree in Nursing

**Type of program:**
Registered Nurse

**School or program website:**
www.tnstate.edu/nurs/

**Address (including which county):**
3500 John A. Merritt Blvd.
Campus Box 9590
Nashville, TN 37209
(Davidson County)

**Office to Contact for information:**
Admissions

**Phone number:**
(615) 963-5265

**Fax number:**
(615) 963-5264

**Email address:**
sseager@tnstate.edu

**Prerequisites for entry into the program:**
Officially admitted to TSU with all remedial/developmental requirements completed, high school graduate or a GED score of 50, cumulative GPA of 2.5 on high school or completed college work, one year of high school or one semester of college chemistry with lab with a grade of “C” or better, verification of math competency at the intermediate algebra level by university testing or completion of required courses, completion of the pre-entrance nursing examination, and anatomy and physiology and microbiology/bacteriology courses must have been taken within the last five years of admission to the program.

**Length of the program:**
Four semesters

**Degree or certification awarded:**
Associates of Applied Science degree in Nursing

**Articulation agreements:**
None

**Transcript review procedures:**
Applicants are encouraged to schedule an appointment with a nursing faculty member for transcript review and advisement.

**Advanced placement options:**
Licensed Practical Nurses are eligible to take a transition course in the summer, then challenge NURS 102 (Adult Health I), and receive credit for NURS 101 (Fundamentals) after completing one semester in the second year of the associate degree program. LPNs who are successful in the transition course are ready for the second year.
# Registered Nurse
(Baccalaureate Degree Programs)

## Aquinas College

| Name of program: | RN to B.S.N. Program |
| Type of program: | Registered Nurse |
| School or program website: | www.aquinas-tn.edu/nursing/index.htm |
| Address (including which county): | 4210 Harding Road Nashville, Tennessee 37205 (Davidson County) |
| Office to contact for information: | Dr. Linda Watlington, RN to B.S.N Program Director |
| Phone number: | (615) 222-4038 |
| Fax number: | (615) 222-4008 |
| Email address: | admissions@aquinas-tn.edu |

**Prerequisites for entry into the program:**
For admission, applicants must have an overall GPA of 2.0. Nurse applicants must be graduates of an NLNAC accredited diploma or Associate Degree Nursing Program; with current Licensure in Tennessee as a registered nurse (RN) in good standing; and submit two recommendation forms from professional references (one should be a supervisor); and have a satisfactory interview with the Director of the RN to BSN Program.

**Length of the program:**
One year full-time

**Degree or certification awarded:**
Associates degree in Nursing
RN to B.S.N. degree in Nursing

**Articulation agreements:**
Aquinas does not have an agreement with any other lower level program.

**Transcript review procedures:**
Applicants should send the application for admissions and official transcripts to the Admissions Department. Transfer credits will be evaluated individually. Most of the time, if they come from another accredited college, they are transferable.

**Advanced placement options:**
Licensed RNs who are graduates of a NLNAC accredited nursing program will be granted 30 semester hours of academic credit toward the B.S.N. degree.

## Belmont University

| Name of program: | RN to B.S.N. Program |
| Type of program: | Bachelor of Science in Nursing |
| School or program website: | www.belmont.edu/nursing/index.cfm |
| Address (including which county): | 1900 Belmont Boulevard Nashville, TN 37212 (Davidson County) |
| Office to contact for information: | Nursing Admissions Coordinator |
| Phone number: | (615) 460-6107 |
| Fax number: | (615) 460-5644 |
| Email address: | None provided, but there is a form on the website to contact for information |

**Prerequisites for entry into the program:**
High school transcript and ACT score (unless applicant has more than 30 semester hours completed). Applicants who have 30 semester hours or more of prior university work must have a minimum GPA of 2.5 on a 4.0 scale. Preference is given to applicants with a GPA of 3.0 and above. Must have and maintain 3.0 GPA to qualify for Accelerated B.S.N. program.

**Length of the program:**
Four years. Accelerated B.S.N. option can be completed in 16 months after completion of all prerequisite courses.

**Degree or certification awarded:**
Bachelor of Science degree in Nursing

**Articulation agreements:**
None

**Transcript review procedures:**
Applicants should send the application for admissions to the Nursing Admissions Coordinator. Transfer credits will be evaluated.

**Advanced placement options:**
RNs with an associate degree or RN diploma are eligible for up to 34 hours of advanced placement credit, which is held in escrow until the nurse successfully completes 10 credit hours of upper division nursing courses at Belmont.
**Cumberland University**

*Name of program:* Bachelor of Science in Nursing  
*Type of program:* Registered Nurse  
*School or program website:* www.cumberland.edu/academics/nursing/index.html  
*Address (including which county):*  
One Cumberland Square  
Lebanon, Tennessee 37087-3554  
(Wilson County)  
*Office to contact for information:* Nursing Division  
*Phone number:* (615) 444-2562  
*Fax number:* (615) 444-2569  
*Email address:* nursing@cumberland.edu  

**Prerequisites for entry into the program:**  
ACT or SAT scores; high school transcript, with class rank and evidence of graduation; transcript of previous college work, if any; a statement of purpose (why college, and why Cumberland); recommendations (3) from teachers, employees, or others who can testify to the applicant’s ability, motivation, or talent; and other supporting information which may serve to demonstrate the applicant’s ability to obtain a Cumberland degree. Applicants to upper division nursing courses are selected based on their grades from previous college classes, an acceptable score on the Nursing Entrance Test (NET), and a required letter of intent stating why they would like to be in the Cumberland Nursing program.  

**Length of the program:** Four years  
**Degree or certification awarded:** Bachelor of Science degree in Nursing  

**Fisk University**

*Name of program:* Bachelor of Science in Nursing  
*Type of program:* Fisk-Vanderbilt B.S.N. program  
*School or program website:* www.fisk.edu  
*Address (including which county):*  
1000 Seventeenth Avenue North  
Nashville, TN 37208-3051  
(Davidson County)  
*Office to contact for information:* Admissions Office  
*Phone number:* (888) 702-0022  
*Fax number:* (615) 329-8634  
*Email address:* admit@fisk.edu  

**Prerequisites for entry into the program:**  
Prior to applying to the nursing program, students must first qualify for entrance to Fisk University. Minimum qualifications for first-time freshman or transfer applicants with less than 30 college credit hours:  
• High school GPA of 2.5  
• ACT of 20 or equivalent SAT score of 950  
• Leadership potential  
• Community Service  

**Length of the program:** Four years  
**Degree or certification awarded:** Bachelor of Science degree in Nursing  

**Articulation agreements:** None  

**Transcript review procedures:**  
Education transcript review procedures for transferring or returning students: official transcripts must be sent to the Admissions Office for review. Allowable substitution coursework or experience will be determined based on individual transcript review.  

**Advanced placement options:** The nursing program at Fisk is a unique partnership between Fisk University and Vanderbilt University School of Nursing. The nursing program is designed so that the first five semesters will be at Fisk University taking liberal arts coursework in preparation for application into the upper division nursing coursework, to be taken the final three semesters at Vanderbilt University School of Nursing. Please go to the official website, www.fisk.edu for information on nursing curriculum requirements and application/admission requirements.
**Middle Tennessee State University**

**Name of program:**
Bachelor of Science in Nursing

**Type of program:**
Registered Nurse

**School or program website:**
mtsu32.mtsu.edu:11238/

**Address (including which county):**
1301 East Main, Box 81
Murfreesboro, TN 37132
(Rutherford County)

**Office to contact for information:**
School of Nursing

**Phone number:**
(615) 898-2437

**Fax number:**
(615) 898-5441

**Email address:**
lgibbons@mtsu.edu

**Prerequisites for entry into the program:**
Admission to the university – a minimum ACT score of 20 or a minimum high school GPA of 2.8 on a 4.0 scale. Admission to upper division nursing courses is highly selective and based upon: completion of prerequisite courses with college GPA of 2.75 or higher and an ACT score recorded on transcript. Applicants are ranked by a formula that combines their GPA and ACT scores.

**Length of the program:**
Four years

**Degree or certification awarded:**
Bachelor of Science degree in Nursing

**Articulation agreements:**
Articulation agreements with Motlow and Columbia State Community Colleges allow for dual enrollment and expedited transition between the associate degree and B.S.N. programs. If all prerequisites are complete, programs participants can potentially complete their B.S.N. within one year of completing their associate degrees.

**Transcript review procedures:**
Applicants should send the application for admissions to the nursing office and schedule an appointment with the nursing advisor for transcript review.

**Advanced placement options:**
RNAs who have graduated from accredited associate degree or diploma programs receive advanced standing credit for their nursing knowledge and experience. 37 credit hours are posted to their record upon successful matriculation into upper division courses.

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**University of Phoenix, Nashville**

**Program name:**
Bachelor of Nursing (RN to B.S.N.)

**Program type:**
Registered Nurse

**Program length:**
Varies by Student

**Degree or certification awarded:**
B.S.N.

**School or program website:**
www.phoenix.edu/

**Address (including county):**
616 Marriott Drive, Suite 150
Nashville, TN 37214
(Davidson)

377 Riverside Drive, Suite 100
Franklin, TN 37065
(Williamson)

**Contact for information:**
Admissions Office

**Phone number:**
(615) 872-0188

**Email address:**
Not available

**Articulation agreement:**
None

**Educational transcript review procedures for transferring or returning students:**
Official transcripts must be sent to Admissions Office for review.

**Allowable substitution coursework or experience:**
Substitution coursework will be determined based on individual transcript review.

**Prerequisites for entry into the program:**
To enter a bachelor’s degree program, you must have a high school diploma or equivalent, be at least 21 years of age, and be employed. If you are not employed, you must have access to an organizational environment that allows you to apply the concepts you learn in our courses.

For the RN to B.S.N. program, you must be a nurse with an active unencumbered RN license. As part of your admission, your prior coursework, elective classes, major studies, and credits awarded through the Assessment of Prior Learning or the College Level Examination Program (CLEP) will be considered for academic credit. If you have had professional training or have served in the military, you may be able to convert previous experience into academic credits.
TENNESSEE STATE UNIVERSITY

Name of program:
Bachelor of Science Degree in Nursing

Type of program:
Registered Nurse

School or program website:
www.tnstate.edu/nurs/

Address (including which county):
3500 John A. Merritt Blvd.
Campus Box 9590, Nashville, TN 37209
(Davidson County)

Office to contact for information:
Admissions

Phone number:
(615) 963-5272

Fax number:
(615) 963-5593

Email address:
arawls@TNSTATE.EDU

Prerequisites for entry into the program:
Officially admitted to Tennessee State University, a com-
pleted transcript analysis of all required general education
courses taken at other colleges/universities, completion of
all required general courses with grades of “C” or better,
cumulative GPA of 2.5 in the 77 credits of the general edu-
cation required courses, minimum scores of 70th percentile
on the pre-nursing entrance examination with emphasis on
areas of reading, verbal and composite and attend an advis-
ing session, call 963-5273 for dates.

Length of the program:
Four years

Degree or certification awarded:
Bachelor of Science degree in Nursing

Articulation agreements:
Articulation agreements are in place to promote career
mobility between associate degree programs at local
community colleges, (specifically Volunteer State and
Columbia State) and the Tennessee State B.S.N. program.

Transcript review procedures:
Nursing program faculty will do unofficial transcript
evaluations. Official transcript evaluation is done by the
Admissions office.

Advanced placement options:
RNAs in the Career Mobility RN-B.S.N. program are given
advanced placement, allowing them to complete the pro-
gram in one calendar year.
Statewide Online Master of Science in Nursing Program

Collaborative program sponsored by the Nursing Schools of the Tennessee Board of Regents Universities:
Austin Peay State University, East Tennessee State University, Middle Tennessee State University, Tennessee State University, Tennessee Tech University, University of Memphis

Name of program: M.S.N.-RODP (Regents Online Degree Program).
Type of program: Web-based M.S.N. program with multiple career tracks (Nursing Education, Nursing Administration, Nursing Informatics, Advanced Practice – Family Nurse Practitioner)
School or program website: www.rodp.org/msn
Address (including which county): 1415 Murfreesboro Road, Suite 350 Nashville, TN 37217-2833 (Davidson County)
Office to contact for information: Dr. Pam Holder, Coordinator M.S.N.-RODP
Phone number: (615) 366-3972
Fax number: (615) 366-3986
Email address: pgholder@tbr.state.tn.us
Prerequisites for entry into the program:
Baccalaureate degree in nursing from an accredited program. Eligibility to practice as a Registered Nurse in Tennessee or the state in which clinical assignments are completed. Overall G.P.A. of 3.0 on a 4.0 scale. TOEFL score of 600 if native language is not English. A written document prepared by the applicant that includes a resume, a discussion of prior professional experience, future career goals, and reasons for pursuing graduate study. Letters of recommendation from at least three persons (a minimum of one academic) familiar with the applicant’s academic and professional background and experience in nursing practice, specifying in detail the applicant’s capabilities for graduate study and for future practice as an advanced practice nurse.
Length of the program:
One to three years. Varies depending upon concentration and full-time versus part-time status. Nursing Education – 39 credit hours, Nursing Administration – 34 credit hours, Nursing Informatics – 32 credit hours, Family Nurse Practitioner – 45 credit hours.
Degree or certification awarded:
Master of Science in Nursing
Articulation agreements: None at this time.
Transcript review procedures: Application and transcripts along with other required materials, should be sent to Dr. Holder at the Board of Regents office for review.
Advanced placement options: None at this time.
Belmont University

Name of program: Family Nurse Practitioner
Type of program: Nurse Practitioner
School or program website: www.belmont.edu/gradnursing/
Address (including which county): 1900 Belmont Boulevard Nashville, TN 37212 (Davidson County)
Office to contact for information: Admissions
Phone number: (615) 460-6142
Fax number: (615) 460-5644
Email address: None provided, but there is a form on the website to contact for information

Prerequisites for entry into the program:
A completed application form, $50 application fee, an official transcript indicating a bachelor’s degree in nursing (B.S.N.) from an NLNAC accredited baccalaureate-granting institution, an official transcript from all institutions attended, proof of a current RN license from the student’s state of residence and/or practice, (a Tennessee RN license is required for clinical experiences in Tennessee), official scores for the Graduate Record Examination taken within the last five years, have at least a 3.0 cumulative undergraduate grade-point average on a 4.0 scale for full admission. Two references are required. One should be from a faculty member who is familiar with the applicant’s undergraduate nursing work, and one should be from a current nursing clinical supervisor. Interview with faculty, and narrative statement of 1-2 pages in length describing the applicant’s interest in the FNP role, education goals, and career goals.

Length of the program: Four semesters

Degree or certification awarded: Master of Science in Nursing with a focus in Family Nurse Practitioner

Articulation agreements: The M.S.N. program does not have any articulation agreements with other programs, but they work closely with Belmont’s B.S.N. program to facilitate entry of qualified B.S.N. students into the M.S.N. program.

Transcript review procedures: The MSN Admissions Committee reviews transcripts to determine whether previous graduate work can be accepted as a substitute for Belmont MSN courses.

Advanced placement options: There are not any advanced placement options for the graduate program. The curriculum is very concentrated. Experience shows that students are most successful if all courses are taken at Belmont.
Tennessee State University

Name of program: Family Nurse Practitioner
Type of program: Nurse Practitioner
School or program website: www.tnstate.edu/
Address (including which county): 3500 John A. Merritt Blvd. Campus Box 9590, Nashville, TN 37209 (Davidson County)
Office to contact for information: Admissions
Phone number: (615) 963-5252
Fax number: (615) 963-7614
Email address: jnorman@tnstate.edu

Prerequisites for entry into the program:
Completed Graduate School application with fee, two completed reference forms (one from a current clinical supervisor and one from a nursing faculty), official transcripts from all previous colleges, resume, copies of Tennessee RN License, certification, professional memberships, community service, continuing education, CPR and liability insurance, typed statement of professional goals upon completion of the M.S.N. degree, cumulative GPA of 3.0 (on a 4.0 scale) in all required courses (general education and nursing) for the B.S.N. degree OR in all the nursing courses, graduation from a nationally accredited baccalaureate nursing program, a combined verbal and quantitative score of 900 on the Graduate Record Examination (GRE) or a score of 30 on the Miller’s Analogy Test (MAT), and evidence of current clinical practice.

Length of the program:
Six semesters, part-time

Degree or certification awarded:
Master of Science in Nursing with a focus in Family Nurse Practitioner

Articulation agreements:
None

Transcript review procedures:
Application and transcripts along with other required materials, (see prerequisites for entry into the program) should be sent to the admissions office for review.

Advanced placement options:
None
**Vanderbilt University**

**Name of program:**
Acute Care Nurse Practitioner

**Type of program:**
Nurse Practitioner

**School or program website:**
www.mc.vanderbilt.edu/nursing/msn/nursmidw.html

**Address (including which county):**
Godchaux Hall 226
461 21st Avenue South
Nashville, TN 37240
(Davidson County)

**Office to contact for information:**
Admissions

**Phone number:**
(615) 322-3800

**Fax number:**
None provided

**Email address:**
VUSN-Admissions@vanderbilt.edu

**Prerequisites for entry into the program:**
All applicants must submit an official application for admission, a Statement of Career Goals, and a $50 application fee. If you indicate several specialties on your application, please clearly indicate which specialty is your first choice. Your Goal Statement and Interview Survey responses should address your first choice of specialty. All applicants must submit official transcripts of all post high school studies. Must have earned an undergraduate grade point average of a “B” or a 3.0 on a 4.0 scale. A minimum combined score of 1000 on the verbal and quantitative sections and a 3.5 on the analytic section of the GRE is required. Three letters of professional reference and a completed interview survey. All applicants must have completed certain prerequisite courses from an accredited college or university: if you have earned a B.S.N., you must have had a three semester hour or four quarter hour Statistics course; if you have earned an ADN or a Diploma in Nursing, you must have earned at least 78 accredited semester or 110 accredited quarter hours including the following areas: 11 hours of natural science which must include courses in Microbiology, Human Anatomy, and Human Physiology; 9 hours of Social Science; 6 hours of Humanities; 6 hours of English; 3 hours of Statistics; Nutrition and Developmental Psychology; if you have earned a B.A. or B.S. in a discipline other than Nursing, you must have successfully completed 11 hours of natural science including courses in Microbiology, Human Anatomy, and Human Physiology; Statistics; Nutrition and Developmental Psychology; if you have earned at least 78 semester hours of college credits, you must have successfully completed the following courses as part of the 78 hours: 11 hours of natural science including Microbiology, Human Anatomy, and Human Physiology; 9 hours of Social Science; 6 hours of Humanities; 6 hours of English; 3 hours of Statistics; Nutrition and Developmental Psychology. In order to be considered for admission, you need to have completed at least 66 of the 78 required prerequisite hours. RN applicants must have graduated from an N.L.N. accredited school and be eligible to practice in the State of Tennessee.

**Length of the program:**
Three semesters

**Degree or certification awarded:**
Master of Science in Nursing with a focus in Acute Care Nurse Practitioner

**Articulation agreements:**
None

**Transcript review procedures:**
All applicants must submit official transcripts of all post high school studies. Students admitted to Vanderbilt University School of Nursing must have earned an undergraduate grade point average of a “B” or a 3.0 on a 4.0 scale. Applicants may request a transcript review to determine which (if any) additional courses may be needed.

**Advanced placement options:**
None
**Vanderbilt University**

**Name of program:**
Adult Nurse Practitioner

**Type of program:**
Nurse Practitioner

**School or program website:**
www.mc.vanderbilt.edu/nursing/msn/nursmidw.html

**Address (including which county):**
Godchaux Hall 226
461 21st Avenue South
Nashville, TN 37240
(Davidson County)

**Office to contact for information:**
Admissions

**Phone number:**
(615) 322-3800

**Fax number:**
None provided

**Email address:**
VUSN-Admissions@vanderbilt.edu

**Prerequisites for entry into the program:**
All applicants must submit an official application for admission, a Statement of Career Goals, and a $50 application fee. If you indicate several specialties on your application, please clearly indicate which specialty is your first choice. Your Goal Statement and Interview Survey responses should address your first choice of specialty. All applicants must submit official transcripts of all post high school studies. Must have earned an undergraduate grade point average of a “B” or a 3.0 on a 4.0 scale. A minimum combined score of 1000 on the verbal and quantitative sections and a 3.5 on the analytic section of the GRE is required. Three letters of professional reference and a completed interview survey. All applicants must have completed certain prerequisite courses from an accredited college or university: if you have earned a B.S.N., you must have had a three semester hour or four quarter hour Statistics course; if you have earned an A.D.N. or a Diploma in Nursing, you must have earned at least 78 accredited semester or 110 accredited quarter hours including the following areas: 11 hours of natural science which must include courses in Microbiology, Human Anatomy, and Human Physiology; 9 hours of Social Science; 6 hours of Humanities; 6 hours of English; 3 hours of Statistics; Nutrition and Developmental Psychology; if you have earned a B.A. or B.S. in a discipline other than Nursing, you must have successfully completed 11 hours of natural science including courses in Microbiology, Human Anatomy, and Human Physiology; Statistics; Nutrition and Developmental Psychology; if you have earned at least 78 semester hours of college credits, you must have successfully completed the following courses as part of the 78 hours; 11 hours of natural science including Microbiology, Human Anatomy, and Human Physiology; 9 hours of Social Science; 6 hours of Humanities; 6 hours of English; 3 hours of Statistics; Nutrition and Developmental Psychology. In order to be considered for admission, you need to have completed at least 66 of the 78 required prerequisite hours. RN applicants must have graduated from an N.L.N. accredited school and be eligible to practice in the State of Tennessee.

**Length of the program:**
ANP students may choose one of three subspecialty focus areas: Cardiovascular Disease Prevention and Management, or Palliative Care, all of which are three semesters

**Degree or certification awarded:**
Master of Science in Nursing with a focus in Adult Nurse Practitioner

**Articulation agreements:**
None

**Transcript review procedures:**
All applicants must submit official transcripts of all post high school studies. Students admitted to Vanderbilt University School of Nursing must have earned an undergraduate grade point average of a “B” or a 3.0 on a 4.0 scale. Applicants may request a transcript review to determine which (if any) additional courses may be needed.

**Advanced placement options:**
None
Vanderbilt University

Name of program: Adult Nurse Practitioner/Gerontological Nurse Practitioner

Type of program: Nurse Practitioner

School or program website: www.mc.vanderbilt.edu/nursing/msn/nursmidw.html

Address (including which county): Godchaux Hall 226
461 21st Avenue South
Nashville, TN 37240 (Davidson County)

Office to contact for information: Admissions

Phone number: (615) 322-3800

Fax number: None provided

Email address: VUSN-Admissions@vanderbilt.edu

Prerequisites for entry into the program:
All applicants must submit an official application for admission, a Statement of Career Goals, and a $50 application fee. If you indicate several specialties on your application, please clearly indicate which specialty is your first choice. Your Goal Statement and Interview Survey responses should address your first choice of specialty. All applicants must submit official transcripts of all post high school studies. Must have earned an undergraduate grade point average of a "B" or a 3.0 on a 4.0 scale. A minimum combined score of 1000 on the verbal and quantitative sections and a 3.5 on the analytic section of the GRE is required. Three letters of professional reference and a completed interview survey. All applicants must have completed certain prerequisite courses from an accredited college or university: if you have earned a B.S.N., you must have a three semester hour or four quarter hour Statistics course; if you have earned an A.D.N. or a Diploma in Nursing, you must have earned at least 78 accredited semester or 110 accredited quarter hours including the following areas: 11 hours of natural science which must include courses in Microbiology, Human Anatomy, and Human Physiology; 9 hours of Social Science; 6 hours of Humanities; 6 hours of English; 3 hours of Statistics; Nutrition and Developmental Psychology; if you have earned a B.A. or B.S. in a discipline other than Nursing, you must have successfully completed 11 hours of natural science including courses in Microbiology, Human Anatomy, and Human Physiology; Statistics; Nutrition and Developmental Psychology; if you have earned at least 78 semester hours of college credits, you must have successfully completed the following courses as part of the 78 hours: 11 hours of natural science including Microbiology, Human Anatomy, and Human Physiology; 9 hours of Social Science; 6 hours of Humanities; 6 hours of English; 3 hours of Statistics; Nutrition and Developmental Psychology. In order to be considered for admission, you need to have completed at least 66 of the 78 required prerequisite hours. RN applicants must have graduated from an N.L.N. accredited school and be eligible to practice in the State of Tennessee.

Length of the program: Three semesters

Degree or certification awarded:
Master of Science in Nursing with a focus in Adult Nurse Practitioner/Gerontological Nurse Practitioner

Articulation agreements: None

Transcript review procedures:
All applicants must submit official transcripts of all post high school studies. Students admitted to Vanderbilt University School of Nursing must have earned an undergraduate grade point average of a "B" or a 3.0 on a 4.0 scale. Applicants may request a transcript review to determine which (if any) additional courses may be needed.

Advanced placement options: None
Vanderbilt University

Name of program:
Family Nurse Practitioner

Type of program:
Nurse Practitioner

School or program website:
www.mc.vanderbilt.edu/nursing/msn/nursmidw.html

Address (including which county):
Godchaux Hall 226
461 21st Avenue South
Nashville, TN 37240
(Davidson County)

Office to contact for information:
Admissions

Phone number:
(615) 322-3800

Fax number:
None provided

Email address:
VUSN-Admissions@vanderbilt.edu

Prerequisites for entry into the program:
All applicants must submit an official application for admission, a Statement of Career Goals, and a $50 application fee. If you indicate several specialties on your application, please clearly indicate which specialty is your first choice. Your Goal Statement and Interview Survey responses should address your first choice of specialty. All applicants must submit official transcripts of all post high school studies. Must have earned an undergraduate grade point average of a “B” or a 3.0 on a 4.0 scale. A minimum combined score of 1000 on the verbal and quantitative sections and a 3.5 on the analytic section of the GRE is required. Three letters of professional reference and a completed interview survey. All applicants must have completed certain prerequisite courses from an accredited college or university: if you have earned a B.S.N., you must have had a three semester hour or four quarter hour Statistics course; if you have earned an A.D.N. or a Diploma in Nursing, you must have earned at least 78 accredited semester or 110 accredited quarter hours including the following areas: 11 hours of natural science which must include courses in Microbiology, Human Anatomy, and Human Physiology; 9 hours of Social Science; 6 hours of Humanities; 6 hours of English; 3 hours of Statistics; Nutrition and Developmental Psychology; if you have earned a B.A. or B.S. in a discipline other than Nursing, you must have successfully completed 11 hours of natural science including courses in Microbiology, Human Anatomy, and Human Physiology; Statistics; Nutrition and Developmental Psychology; if you have earned at least 78 semester hours of college credits, you must have successfully completed the following courses as part of the 78 hours: 11 hours of natural science including Microbiology, Human Anatomy, and Human Physiology; 9 hours of Social Science; 6 hours of Humanities; 6 hours of English; 3 hours of Statistics; Nutrition and Developmental Psychology. In order to be considered for admission, you need to have completed at least 66 of the 78 required prerequisite hours. RN applicants must have graduated from an N.L.N. accredited school and be eligible to practice in the State of Tennessee.

Length of the program:
Three semesters

Degree or certification awarded:
Master of Science in Nursing with a focus in Family Nurse Practitioner

Articulation agreements:
None

Transcript review procedures:
All applicants must submit official transcripts of all post high school studies. Students admitted to Vanderbilt University School of Nursing must have earned an undergraduate grade point average of a “B” or a 3.0 on a 4.0 scale. Applicants may request a transcript review to determine which (if any) additional courses may be needed.

Advanced placement options:
None
**Vanderbilt University**

**Name of program:**
Neonatal Nurse Practitioner

**Type of program:**
Nurse Practitioner

**School or program website:**
www.mc.vanderbilt.edu/nursing/msn/nursmidw.html

**Address (including which county):**
Godchaux Hall 226
461 21st Avenue South
Nashville, TN 37240
(Davidson County)

**Office to contact for information:**
Admissions

**Phone number:**
(615) 322-3800

**Fax number:**
None provided

**Email address:**
VUSN-Admissions@vanderbilt.edu

**Prerequisites for entry into the program:**
All applicants must submit an official application for admission, a Statement of Career Goals, and a $50 application fee. If you indicate several specialties on your application, please clearly indicate which specialty is your first choice. Your Goal Statement and Interview Survey responses should address your first choice of specialty. All applicants must submit official transcripts of all post high school studies. Must have earned an undergraduate grade point average of a “B” or a 3.0 on a 4.0 scale. A minimum combined score of 1000 on the verbal and quantitative sections and a 3.5 on the analytic section of the GRE is required. Three letters of professional reference and a completed interview survey. All applicants must have completed certain prerequisite courses from an accredited college or university: if you have earned a B.S.N., you must have had a three semester hour or four quarter hour Statistics course; if you have earned an A.D.N. or a Diploma in Nursing, you must have earned at least 78 accredited semester or 110 accredited quarter hours including the following areas: 11 hours of natural science which must include courses in Microbiology, Human Anatomy, and Human Physiology; 9 hours of Social Science; 6 hours of Humanities; 6 hours of English; 3 hours of Statistics; Nutrition and Developmental Psychology; if you have earned a B.A. or B.S. in a discipline other than Nursing, you must have successfully completed 11 hours of natural science including courses in Microbiology, Human Anatomy, and Human Physiology; Statistics; Nutrition and Developmental Psychology; if you have earned at least 78 semester hours of college credits, you must have successfully completed the following courses as part of the 78 hours: 11 hours of natural science including Microbiology, Human Anatomy, and Human Physiology; 9 hours of Social Science; 6 hours of Humanities; 6 hours of English; 3 hours of Statistics; Nutrition and Developmental Psychology. In order to be considered for admission, you need to have completed at least 66 of the 78 required prerequisite hours. RN applicants must have graduated from an N.L.N. accredited school and be eligible to practice in the State of Tennessee.

**Length of the program:**
Three semesters

**Degree or certification awarded:**
Master of Science in Nursing with a focus in Neonatal Nurse Practitioner

**Articulation agreements:**
None

**Transcript review procedures:**
All applicants must submit official transcripts of all post high school studies. Students admitted to Vanderbilt University School of Nursing must have earned an undergraduate grade point average of a “B” or a 3.0 on a 4.0 scale. Applicants may request a transcript review to determine which (if any) additional courses may be needed.

**Advanced placement options:**
None
**Vanderbilt University**

**Name of program:**
Pediatric Nurse Practitioner

**Type of program:**
Nurse Practitioner

**School or program website:**
www.mc.vanderbilt.edu/nursing/msn/nursmidw.html

**Address (including which county):**
Godchaux Hall 226
461 21st Avenue South
Nashville, TN 37240 (Davidson County)

**Office to contact for information:**
Admissions

**Phone number:**
(615) 322-3800

**Fax number:**
None provided

**Email address:**
VUSN-Admissions@vanderbilt.edu

**Prerequisites for entry into the program:**
All applicants must submit an official application for admission, a Statement of Career Goals, and a $50 application fee. If you indicate several specialties on your application, please clearly indicate which specialty is your first choice. Your Goal Statement and Interview Survey responses should address your first choice of specialty. All applicants must submit official transcripts of all post secondary studies. Must have earned an undergraduate grade point average of a “B” or a 3.0 on a 4.0 scale. A minimum combined score of 1000 on the verbal and quantitative sections and a 3.5 on the analytic section of the GRE is required. Three letters of professional reference and a completed interview survey. All applicants must have completed certain prerequisite courses from an accredited college or university: if you have earned a B.S.N., you must have had a three semester hour or four quarter hour Statistics course; if you have earned an A.D.N. or a Diploma in Nursing, you must have earned at least 78 accredited semester or 110 accredited quarter hours including the following areas: 11 hours of natural science which must include courses in Microbiology, Human Anatomy, and Human Physiology; 9 hours of Social Science; 6 hours of Humanities; 6 hours of English; 3 hours of Statistics; Nutrition and Developmental Psychology; if you have earned a B.A. or B.S. in a discipline other than Nursing, you must have successfully completed 11 hours of natural science including courses in Microbiology, Human Anatomy, and Human Physiology; Statistics; Nutrition and Developmental Psychology; if you have earned at least 78 semester hours of college credits, you must have successfully completed the following courses as part of the 78 hours: 11 hours of natural science including Microbiology, Human Anatomy, and Human Physiology; 9 hours of Social Science; 6 hours of Humanities; 6 hours of English; 3 hours of Statistics; Nutrition and Developmental Psychology. In order to be considered for admission, you need to have completed at least 66 of the 78 required prerequisite hours. RN applicants must have graduated from an N.L.N. accredited school and be eligible to practice in the State of Tennessee.

**Length of the program:**
Three semesters

**Degree or certification awarded:**
Master of Science in Nursing with a focus in Pediatric Nurse Practitioner

**Articulation agreements:**
None

**Transcript review procedures:**
All applicants must submit official transcripts of all post high school studies. Students admitted to Vanderbilt University School of Nursing must have earned an undergraduate grade point average of a “B” or a 3.0 on a 4.0 scale. Applicants may request a transcript review to determine which (if any) additional courses may be needed.

**Advanced placement options:**
None
Vanderbilt University

Name of program:
Psychiatric-Mental Health Nurse Practitioner

Type of program:
Nurse Practitioner

School or program website:
www.mc.vanderbilt.edu/nursing/msn/nursmidw.html

Address (including which county):
Godchaux Hall 226
461 21st Avenue South
Nashville, TN 37240
(Davidson County)

Office to contact for information:
Admissions

Phone number:
(615) 322-3800

Fax number:
None provided

Email address:
VUSN-Admissions@vanderbilt.edu

Prerequisites for entry into the program:
All applicants must submit an official application for admission, a Statement of Career Goals, and a $50 application fee. If you indicate several specialties on your application, please clearly indicate which specialty is your first choice. Your Goal Statement and Interview Survey responses should address your first choice of specialty. All applicants must submit official transcripts of all post high school studies. Must have earned an undergraduate grade point average of a “B” or a 3.0 on a 4.0 scale. A minimum combined score of 1000 on the verbal and quantitative sections and a 3.5 on the analytic section of the GRE is required. Three letters of professional reference and a completed interview survey. All applicants must have completed certain prerequisite courses from an accredited college or university: if you have earned a B.S.N., you must have had a three semester hour or four quarter hour Statistics course; if you have earned an A.D.N. or a Diploma in Nursing, you must have earned at least 78 accredited semester or 110 accredited quarter hours including the following areas: 11 hours of natural science which must include courses in Microbiology, Human Anatomy, and Human Physiology; 9 hours of Social Science; 6 hours of Humanities; 6 hours of English; 3 hours of Statistics; Nutrition and Developmental Psychology; if you have earned a B.A. or B.S. in a discipline other than Nursing, you must have successfully completed 11 hours of natural science including courses in Microbiology, Human Anatomy, and Human Physiology; Statistics; Nutrition and Developmental Psychology; if you have earned at least 78 semester hours of college credits, you must have successfully completed the following courses as part of the 78 hours: 11 hours of natural science including Microbiology, Human Anatomy, and Human Physiology; 9 hours of Social Science; 6 hours of Humanities; 6 hours of English; 3 hours of Statistics; Nutrition and Developmental Psychology. In order to be considered for admission, you need to have completed at least 66 of the 78 required prerequisite hours. RN applicants must have graduated from an N.L.N. accredited school and be eligible to practice in the State of Tennessee.

Length of the program:
Three semesters

Degree or certification awarded:
Master of Science in Nursing with a focus in Psychiatric-Mental Health Nurse Practitioner

Articulation agreements:
None

Transcript review procedures:
All applicants must submit official transcripts of all post high school studies. Students admitted to Vanderbilt University School of Nursing must have earned an undergraduate grade point average of a “B” or a 3.0 on a 4.0 scale. Applicants may request a transcript review to determine which (if any) additional courses may be needed.

Advanced placement options:
None
Vanderbilt University

Name of program:
Women’s Health Nurse Practitioner

Type of program:
Nurse Practitioner

School or program website:
www.mc.vanderbilt.edu/nursing/msn/nursmidw.html

Address (including which county):
Godchaux Hall 226
461 21st Avenue South
Nashville, TN 37240
(Davidson County)

Office to contact for information:
Admissions

Phone number:
(615) 322-3800

Fax number:
None provided

Email address:
VUSN-Admissions@vanderbilt.edu

Prerequisites for entry into the program:
All applicants must submit an official application for admission, a Statement of Career Goals, and a $50 application fee. If you indicate several specialties on your application, please clearly indicate which specialty is your first choice. Your Goal Statement and Interview Survey responses should address your first choice of specialty. All applicants must submit official transcripts of all post high school studies. Must have earned an undergraduate grade point average of a “B” or a 3.0 on a 4.0 scale. A minimum combined score of 1000 on the verbal and quantitative sections and a 3.5 on the analytic section of the GRE is required. Three letters of professional reference and a completed interview survey. All applicants must have completed certain prerequisite courses from an accredited college or university: if you have earned a B.S.N., you must have had a three semester hour or four quarter hour Statistics course; if you have earned an A.D.N. or a Diploma in Nursing, you must have earned at least 78 accredited semester or 110 accredited quarter hours including the following areas: 11 hours of natural science which must include courses in Microbiology, Human Anatomy, and Human Physiology; 9 hours of Social Science; 6 hours of Humanities; 6 hours of English; 3 hours of Statistics; Nutrition and Developmental Psychology; if you have earned a B.A. or B.S. in a discipline other than Nursing, you must have successfully completed 11 hours of natural science including courses in Microbiology, Human Anatomy, and Human Physiology; Statistics; Nutrition and Developmental Psychology; if you have earned at least 78 semester hours of college credits, you must have successfully completed the following courses as part of the 78 hours: 11 hours of natural science including Microbiology, Human Anatomy, and Human Physiology; 9 hours of Social Science; 6 hours of Humanities; 6 hours of English; 3 hours of Statistics; Nutrition and Developmental Psychology. In order to be considered for admission, you need to have completed at least 66 of the 78 required prerequisite hours. RN applicants must have graduated from an N.L.N. accredited school and be eligible to practice in the State of Tennessee.

Length of the program:
Three semesters

Degree or certification awarded:
Master of Science in Nursing with a focus in Women’s Health Nurse Practitioner

Articulation agreements:
None

Transcript review procedures:
All applicants must submit official transcripts of all post high school studies. Students admitted to Vanderbilt University School of Nursing must have earned an undergraduate grade point average of a “B” or a 3.0 on a 4.0 scale. Applicants may request a transcript review to determine which (if any) additional courses may be needed.

Advanced placement options:
None
**Vanderbilt University**

**Name of program:**
Master of Science with a focus in Nurse Midwifery

**Type of program:**
Nurse Midwife

**School or program website:**
www.mc.vanderbilt.edu/nursing/msn/nursmidw.html

**Address (including which county):**
Godchaux Hall 226
461 21st Avenue South
Nashville, TN 37240
(Davidson County)

**Office to contact for information:**
Admissions

**Phone number:**
(615) 322-3800

**Fax number:**
None provided

**Email address:**
VUSN-Admissions@vanderbilt.edu

**Prerequisites for entry into the program:**
All applicants must submit an official application for admission, a Statement of Career Goals, and a $50 application fee. If you indicate several specialties on your application, please clearly indicate which specialty is your first choice. Your Goal Statement and Interview Survey responses should address your first choice of specialty. All applicants must submit official transcripts of all post high school studies. Must have earned an undergraduate grade point average of a “B” or a 3.0 on a 4.0 scale. A minimum combined score of 1000 on the verbal and quantitative sections and a 3.5 on the analytic section of the GRE is required. Three letters of professional reference and a completed interview survey. All applicants must have completed certain prerequisite courses from an accredited college or university: if you have earned a B.S.N., you must have had a three semester hour or four quarter hour Statistics course; if you have earned an A.D.N. or a Diploma in Nursing, you must have earned at least 78 accredited semester or 110 accredited quarter hours including the following areas: 11 hours of natural science which must include courses in Microbiology, Human Anatomy, and Human Physiology; 9 hours of Social Science; 6 hours of Humanities; 6 hours of English; 3 hours of Statistics; Nutrition and Developmental Psychology; if you have earned a B.A. or B.S. in a discipline other than Nursing, you must have successfully completed 11 hours of natural science including courses in Microbiology, Human Anatomy, and Human Physiology; Statistics; Nutrition and Developmental Psychology; if you have earned at least 78 semester hours of college credits, you must have successfully completed the following courses as part of the 78 hours: 11 hours of natural science including Microbiology, Human Anatomy, and Human Physiology; 9 hours of Social Science; 6 hours of Humanities; 6 hours of English; 3 hours of Statistics; Nutrition and Developmental Psychology. In order to be considered for admission, you need to have completed at least 66 of the 78 required prerequisite hours. RN applicants must have graduated from an N.L.N. accredited school and be eligible to practice in the State of Tennessee.

**Length of the program:**
Four semesters

**Degree or certification awarded:**
Master of Science in Nursing with a focus in Nurse Midwifery

**Articulation agreements:**
None

**Transcript review procedures:**
All applicants must submit official transcripts of all post high school studies. Students admitted to Vanderbilt University School of Nursing must have earned an undergraduate grade point average of a “B” or a 3.0 on a 4.0 scale. Applicants may request a transcript review to determine which (if any) additional courses may be needed.

**Advanced placement options:**
None
Vanderbilt University

Name of program:
Master of Science with a focus in
Nurse-Midwifery/Family Nurse Practitioner

Type of program:
Nurse Midwife/Family Nurse Practitioner

School or program website:
www.mc.vanderbilt.edu/nursing/msn/nmwfam.html

Address (including which county):
Godchaux Hall 226
461 21st Avenue South
Nashville, TN 37240
(Davidson County)

Office to contact for information:
Admissions

Phone number:
(615) 322-3800

Fax number: None provided

Email address: VUSN-Admissions@vanderbilt.edu

Prerequisites for entry into the program:
All applicants must submit an official application for admission, a Statement of Career Goals, and a $50 application fee. If you indicate several specialties on your application, please clearly indicate which specialty is your first choice. Your Goal Statement and Interview Survey responses should address your first choice of specialty. All applicants must submit official transcripts of all post high school studies. Must have earned an undergraduate grade point average of a “B” or a 3.0 on a 4.0 scale. A minimum combined score of 1000 on the verbal and quantitative sections and a 3.5 on the analytic section of the GRE is required. Three letters of professional reference and a completed interview survey. All applicants must have completed certain prerequisite courses from an accredited college or university: if you have earned a B.S.N., you must have had a three semester hour or four quarter hour Statistics course; if you have earned an A.D.N. or a Diploma in Nursing, you must have earned at least 78 accredited semester or 110 accredited quarter hours including the following areas: 11 hours of natural science which must include courses in Microbiology, Human Anatomy, and Human Physiology; 9 hours of Social Science; 6 hours of Humanities; 6 hours of English; 3 hours of Statistics; Nutrition and Developmental Psychology; if you have earned a B.A. or B.S. in a discipline other than Nursing, you must have successfully completed 11 hours of natural science including courses in Microbiology, Human Anatomy, and Human Physiology; Statistics; Nutrition and Developmental Psychology; if you have earned at least 78 semester hours of college credits, you must have successfully completed the following courses as part of the 78 hours: 11 hours of natural science including Microbiology, Human Anatomy, and Human Physiology; 9 hours of Social Science; 6 hours of Humanities; 6 hours of English; 3 hours of Statistics; Nutrition and Developmental Psychology. In order to be considered for admission, you need to have completed at least 66 of the 78 required prerequisite hours. RN applicants must have graduated from an N.L.N. accredited school and be eligible to practice in the State of Tennessee.

Length of the program:
Five semesters

Degree or certification awarded:
Master of Science in Nursing with a focus in
Nurse-Midwifery/Family Nurse Practitioner

Articulation agreements:
None

Transcript review procedures:
All applicants must submit official transcripts of all post high school studies. Students admitted to Vanderbilt University School of Nursing must have earned an undergraduate grade point average of a “B” or a 3.0 on a 4.0 scale. Applicants may request a transcript review to determine which (if any) additional courses may be needed

Advanced placement options:
None
Middle Tennessee School of Anesthesia

Name of program: Master of Science with a focus in Nurse Anesthesia

Type of program: Nurse Anesthetist

School or program website: www.mtsa.edu/

Address (including which county): P.O. Box 6414
Madison, Tennessee 37116
(Unincorporated, but within confounds of Davidson County)

Office to contact for information: Admissions Office

Phone number: (615) 868-6503, or 1-888-353-MTSA

Fax number: (615) 868-9885

Email address: No direct email is provided; however, contact is available through a form on the website.

Prerequisites for entry into the program:
Current licensure as a professional Registered Nurse in Tennessee. A baccalaureate degree in nursing or a licensed Registered Nurse with a baccalaureate degree in any related field of science. If the baccalaureate degree is not in nursing, the applicant must have at least 15 semester hours of biophysical sciences beyond the basic nursing degree. Other prerequisites include: a minimum of one year of recent RN clinical experience, in an acute care patient setting; current Advanced Cardiac Life Support (ACLS) Provider Status Certification. Completion of a class in physical assessment within the past five years; official transcripts of all academic work; minimum 3.0 GPA (including minimum 3.0 GPA in science areas); Organic Chemistry; five personal references utilizing the two-page MTSA form. These must include immediate nursing supervisors and co-workers; a brief personal letter addressed to the Admissions Committee summarizing experience, with reasons for wishing to become an anesthetist; a personal interview with the Admissions Committee; results of the Graduate Record Examination (GRE).

Length of the program: 50 quarter hours; 28 months

Degree or certification awarded: Master of Science in Nursing with a focus in Nurse Anesthesia

Articulation agreements: MSTA has an agreement with Vanderbilt with their Nurse Practitioner Bridge Program. Students receive a B.S.N. and a master’s in the Vanderbilt program and then are eligible for interview with MTSA if they meet all admission requirements.

Transcript review procedures: Application and transcripts along with other required materials should be sent to the admissions office for review. Transfer credits are not accepted, as all students take all of MTSA’s classes at the same time.

Advanced placement options: None
Belmont University

Program name: Physical Therapist
Program type: Rehabilitation
Program length: Three years, Post B.S.
Degree or certification awarded: D.P.T. Doctorate of Physical Therapy
School or program website: www.belmont.edu/pt/dept.cfm?idno=220
Address (including county): 1900 Belmont Boulevard Nashville, TN 37212-3757 (Davidson)
Contact for information: Lucy Baltimore
Phone number: (615) 460-6726
Email address: baltimorel@mail.belmont.edu
Articulation agreement: None
Educational transcript review procedures for transferring or returning students: Official transcripts must be sent to Admissions or Allied Health Office for review.
Allowable substitution coursework or experience: Substitution coursework will be determined based on individual transcript review.
Prerequisites for entry into the program:
Applicants to the professional entry level Doctorate of Physical Therapy degree program must have completed or show evidence of substantial work toward the following in order to be considered for full admission:
  • A completed application form with the $50.00 nonrefundable application fee.
  • Possess a baccalaureate degree from an accredited college or university (degree in any field) or be in the senior year of undergraduate study. A completed bachelor’s degree is required prior to admission, as evidenced by an official college/university transcript.
  • Completion of all prerequisites within ten years prior to application. A course description for each prerequisite class from the applicable college/university catalog must be included with the application.
  • Minimum overall of both undergraduate and, if applicable, graduate grade point average (GPA) of 3.0 (on a 4.0 scale).
  • Minimum prerequisite grade point average (GPA) of 3.0 (on a 4.0 scale). The prerequisite course work includes:
    A. Chemistry: 6-8 hours, 2 semesters with a lab in each
    B. Physics: 6-8 hours, 2 semesters with a lab in each
    C. Biology: 6-8 hours, 2 semesters with a lab in each
    D. Human Anatomy and Physiology: 6-8 hours, 2 semesters with a lab in each
    E. Statistics: 3 hours
    F. Behavioral Science Courses: 9 hours
  • Competitive scores on the Graduate Record Examination (GRE) taken within the past five years (School Code is 1058, Physical Therapy Code is 0619).
  • Demonstration of familiarity with physical therapy in the form of a minimum of 50 hours of observational, volunteer, and/or work experience in physical therapy.
  • Official transcripts for all college and university course work completed.
  • Two recommendations from faculty, academic advisors, or employers addressing the applicants ability, interest, and motivation for pursuing study in physical therapy. One letter of recommendation must be from a licensed physical therapist.
  • The Physical Therapy Program Admissions Committee will review the application to select the final group of applicants for interview and further review. These applicants will be invited to continue in the admission procedure by participating in the on-site portion of the admissions process. At the time of the interview, applicants will complete a writing sample on a randomly chosen topic.
Prerequisites for entry into the program:
All students must meet the basic university admission requirements. Admission to the university and advisement by the Physical Therapy Department do not guarantee admission into the program. Students aspiring to a career in physical therapy should have a minimum 3.0 cumulative average for postsecondary coursework. Interested students may plan to visit the Physical Therapy Department. Please call (615) 963-5944. Application materials are due to the department by February 15 and are available at www.tnstate.edu/interior.asp?mid=1640&ptid=1.

Applications received after February 15 will be considered based upon space availability. Admission to the program is competitive and admission space is limited to 36 students per class. Upon review of the submitted application materials, a select group of candidates meeting the minimum admission criteria/requirements is invited for an interview with the department's Admission Committee.

The MPT Program
Application packets are available through the Physical Therapy Department. The application packet is due to the department by April 1. Applications received after this date will be considered based upon space availability. Admission to the program is competitive and admission space is limited to 24 students per class. Upon review of the submitted application packet, a select group of candidates meeting the minimum admission criteria/requirements is invited for an interview with the Department's Admission Committee.

Admissions requirements are listed below:
1. Cumulative grade point average (GPA) of 2.8 and a minimum science GPA of 3.0
2. Minimum grade of C in all prerequisite courses
3. Applicants holding must submit GRE (Graduate Record Exam) or MAT (Miller Analogies Test) results

TENNESSEE STATE UNIVERSITY
Program name: Physical Therapy
Program type: Rehabilitation
Program length: Three years post B.S. (115 hours)
Degree or certification awarded: D.P.T. Physical Therapy
School or program website: www.tnstate.edu
Address (including county):
3500 John A. Merritt Blvd.
Nashville, TN 37209
(Davidson)
Contact for information: Physical Therapy Department, Rosalyn Pitt, P.T., Ed.D., Department Head.
Phone number: (615) 963-5881 or 963-5944
Email address: rpitt@tnstate.edu
Articulation agreement: None
Educational transcript review procedures for transferring or returning students: Official transcripts must be sent to Graduate School Admissions Office for review.
Allowable substitution coursework or experience: Substitution coursework will be determined based on individual transcript review.

Admissions requirements are listed below:
1. Cumulative grade point average (GPA) of 2.8 and a minimum science GPA of 3.0
2. Minimum grade of C in all prerequisite courses
3. Applicants holding must submit GRE (Graduate Record Exam) or MAT (Miller Analogies Test) results

Tennessee State University
Physical Therapist Assistant

Volunteer State Community College

Program name:
Physical Therapist Assistant Program

Program type:
Rehabilitation

Program length:
Two years

Degree or certification awarded:
A.A.S. Physical Therapist Assistant

School or program website:
www.volstate.edu/

Address (including county):
1480 Nashville Pike
Gallatin, TN 37066-3188
(Sumner)

Contact for information:
Dennis Dipert, Allied Health Division

Phone number:
(615) 230-3336 or (888) 335-8722, ext. 3336

Email address:
dennis.dipert@volstate.edu

Articulation agreement:
None

Educational transcript review procedures for transferring or returning students:
Official transcripts must be sent to Admissions Office or Allied Health Office for review.

Allowable substitution coursework or experience:
Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

- Submit an application to Volunteer State Community College
- A second application form should be completed and submitted to the Division of Allied Health indicating your intent to enter the Physical Therapist Assistant Program.
- If you have not previously attended college, the Office of Counseling and Testing will schedule you for testing in the areas of reading, writing, mathematics, and algebra. You may be required to take some coursework in these areas.
- Ability to complete all courses listed under the fall and spring semesters of the freshman year as identified on the enclosed semester-by-semester sequence by the end of the spring semester in which the student applies is required to sit for the screening interview (application deadline is April 15). Interviews are held only in May of each year with classes to begin in early June. No student will be allowed to sit for the admissions interview unless all required prerequisite coursework has been completed with a grade of “C” or better without special approval of the program director after consultation with the program faculty. Students with out the required prerequisites will be granted permission to sit for the interview only if there are not enough fully qualified applicants to fill the class.
- During the spring semester, any individual who has the potential of meeting admission requirements and who wants to be considered for admission to the second year of the program must submit a completed screening application. That application is due in the Allied Health offices by early April of the year in which the applicant will sit for the interview. Contact the PTA program about each year’s deadline.
- A physical examination is no longer a part of the admissions process. Prior to the day of registration for the summer session, any student offered admission to the program will be required to submit a proof of freedom from tuberculosis through a negative skin test or chest x-ray and immunity to rubella through a rubella titer or through an immunization since 1980. Students must obtain at their expense hepatitis B vaccine or must decline the vaccination in writing. The admission offer for any applicant failing to meet this requirement may be canceled.
- Very few students who are admitted to the PTA program fail to complete the second year for academic reasons. A few students fail to finish the program because either the program or the field is not as expected. While students are no longer required to document observation, exposure to the field should be an asset in the admissions process.
Tennessee State University

Program name:
Physical Therapy

Program type:
Rehabilitation

Program length:
Three years post B.S. (115 hours)

Degree or certification awarded:
D.P.T. Physical Therapy

School or program website:
www.tnstate.edu

Address (including county):
3500 John A. Merritt Blvd.
Nashville, TN 37209
(Davidson)

Contact for information:
Physical Therapy Department, Rosalyn Pitt, P.T., Ed.D.,
Department Head.

Phone number:
(615) 963-5881 or 963-5944

Email address:
rpitt@tnstate.edu

Articulation agreement:
None

Educational transcript review procedures for transferring or returning students:
Official transcripts must be sent to Graduate School Admissions Office for review.

Allowable substitution coursework or experience:
Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:
All students must meet the basic university admission requirements. Admission to the university and advisement by the Physical Therapy Department do not guarantee admission into the program. Students aspiring to a career in physical therapy should have a minimum 3.0 cumulative average for postsecondary coursework. Interested students may plan to visit the Physical Therapy Department. Please call (615) 963-5944. Application materials are due to the department by February 15 and are available at www.tnstate.edu/interior.asp?mid=1640&ptid=1.

Applications received after February 15 will be considered based upon space availability. Admission to the program is competitive and admission space is limited to 36 students per class. Upon review of the submitted application materials, a select group of candidates meeting the minimum admission criteria/requirements is invited for an interview with the department’s Admission Committee.

The MPT Program
Application packets are available through the Physical Therapy Department. The application packet is due to the department by April 1. Applications received after this date will be considered based upon space availability. Admission to the program is competitive and admission space is limited to 24 students per class. Upon review of the submitted application packet, a select group of candidates meeting the minimum admission criteria/requirements is invited for an interview with the Department’s Admission Committee.

Admissions requirements are listed below:
1. Cumulative grade point average (GPA) of 2.8 and a minimum science GPA of 3.0
2. Minimum grade of C in all prerequisite courses
3. Applicants holding must submit GRE (Graduate Record Exam) or MAT (Miller Analogies Test) results
Belmont University

Program name: School of Occupational Therapy
Program type: Rehabilitation, Health Sciences
Program length: Seven semesters over a 33-month period for O.T.D.

Degree or certification awarded:
O.T.D. Doctorate in Occupational Therapy, M.S. in Occupational Therapy two years post B.S. Beginning in 2007, all individuals will receive an M.S. degree.

School or program website: www.belmont.edu
Address (including county): 1900 Belmont Boulevard Nashville, TN 37212-3757 (Davidson)
Contact for information: Ruth Ford, Ed.D., M.S.B.S, OTR/L, B.C.G.
Phone number: (615) 460-6706
Email address: fordr@mail.belmont.edu
Articulation agreement: None

Educational transcript review procedures for transferring or returning students:
Official transcripts must be sent to Admissions or Allied Health Office for review.

Allowable substitution coursework or experience:
Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:
Applicants to the professional entry level Doctor of Occupational Therapy degree program must have completed or shown evidence of substantial work toward the following in order to be considered for admission:

Applicants who already have an undergraduate degree must have:
• A baccalaureate degree in a field or major other than occupational therapy from an accredited college or university. The recommended minimum grade point average is 3.0 on a 4.0 scale.
• An acceptable score on the Graduate Record Examination (GRE) taken within the past five years. A combined score of 1000 on the verbal and quantitative portions of the GRE is recommended. GRE score reports should be forwarded to Belmont University from the Educational Testing Service (ETS). Please specify Institution Code 1058 and School Code 0618 to the ETS.

Applicants who do not have an undergraduate degree must:
• Apply for admission during their junior year while pursuing a baccalaureate degree in a field of study other than occupational therapy from an accredited college or university. Applicants must have a minimum of 90 semester credits when they start the occupational therapy classes to qualify for this program. The recommended minimum grade point average is 3.0 on a 4.0 scale.
• Note: Applicants to the 3+3 program are not required to take the GRE.

All applicants must submit the following:
• Submit two letters of reference with one of the letters being from an occupational therapist. Using the forms and envelopes provided, these letters of reference should be mailed directly to Belmont University’s Admissions Department by the person making the recommendation.
• Demonstration of familiarity with occupational therapy in the form of 50 hours of observational, volunteer experiences or prior work experience in occupational therapy. These hours do not have to be completed prior to the application process but must be completed before the start of occupational therapy classes.
• A one page, handwritten essay explaining what becoming an occupational therapist means to you, based on your experience with occupational therapy.
• Prerequisite course content areas are as follows:
  1. Applicants are required to complete a minimum number of required courses before their admissions to the occupational therapy program. These are human anatomy, human physiology, and statistics. Note that grades less than “B” are unacceptable for required prerequisite courses.
  2. Applicants are strongly recommended to have taken a class in human growth and development, and a class in abnormal psychology.
  3. Other classes that have been found helpful to occupational therapy students include physics, sociology, effective writing, public speaking, and computer literacy.
• After an initial review of applications, individuals meeting the requirements of the program will be invited to continue in the admission procedure by participating in the interview portion of the admission process.
Weekend Master of Science Program
This program is designed for individuals who are currently certified or licensed as health care practitioners (Certified Occupational Therapy Assistant, Nurse, Physical Therapy Assistant, etc.) and have at least one year's experience in their respective profession. Graduates of the program are eligible to take the National Board for Certification in Occupational Therapy (NBCOT) examination leading to becoming a registered occupational therapist (OTR).

Please note that in 2007, a master’s degree will be required for entry into the field of occupational therapy—all students entering Belmont University’s occupational therapy program will receive a master’s degree.

All applications must be accompanied by a nonrefundable $50.00 application fee. Checks should be made out to Belmont University. Decisions regarding the acceptability of applicants for the occupational therapy program will be made by the Occupational Therapy Admissions Committee after evaluation of all pertinent application materials. Applications can not be accurately reviewed until all application materials have been received and requirements have been met.

TENNESSEE STATE UNIVERSITY
Program name: Occupational Therapy
Program type: Rehabilitation
Program length: Four years
Degree or certification awarded: B.S. Occupational Therapy (master’s program expected fall of 2006)
School or program website: www.tnstate.edu
Address (including county): 3500 John A. Merritt Blvd. Nashville, TN 37209 (Davidson)
Contact for information: Larry R. Snyder, M.S., OTR/L, department head
Phone number: (615) 963-5891
Email address: lsnyder@tnstate.edu
Articulation agreement: None
Educational transcript review procedures for transferring or returning students: Official transcripts must be sent to Admissions for review.
Allowable substitution coursework or experience: Substitution coursework will be determined based on individual transcript review.
Prerequisites for entry into the program: The last baccalaureate Occupational Therapy class was admitted summer 2004. The program has transitioned to an entry level master’s degree program, which began fall 2006. Contact department for details (615) 963-5891 or e-mail Larry Snyder at lsnyder@tnstate.edu.
**Nashville State Community College**

**Program name:** Occupational Therapy Assistant  
**Program type:** Rehabilitation  
**Program length:** Two years  
**Degree or certification awarded:** A.A.S. Occupational Therapy Assistant  
**School or program website:** www.nscc.edu  
**Address (including county):** 120 White Bridge Rd, Nashville, TN 37209 (Davidson)  
**Contact for information:** Donna Whitehouse, Program Director  
**Phone number:** (615) 353-3382  
**Email address:** donna.whitehouse@nscc.edu  
**Articulation agreement:** None  

**Educational transcript review procedures for transferring or returning students:** Official transcripts must be sent to Admissions or Allied Health Office for Review.  
**Allowable substitution coursework or experience:** Substitution coursework will be determined based on individual transcript review.  

**Prerequisites for entry into the program:**  
Due to limited enrollment, students should request admission early. Contact the OTA Department concerning application and admission procedures.  
In addition to college entrance requirements, the Occupational Therapy Assistant program requires the following:  
1. OTA application must be on file in the OTA Department. Transcripts and ACT Compass assessment scores must be on file prior to being considered for admission into the program.  
2. Students accepted in the OTA program must purchase professional liability insurance and have health insurance.  
3. Interested applicants must participate in interview activities.  
4. Acceptance is based on grade average and interviews.  
5. Additional points are given on acceptance criteria to Tennessee residents.  
Students will be responsible for travel costs, parking fees, special projects, orientation workshop, professional and health insurance, and relocation expenses during fieldwork.

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**Tennessee State University**

**Program name:** Occupational Therapy  
**Program type:** Rehabilitation  
**Program length:** Four years  
**Degree or certification awarded:** B.S. Occupational Therapy (master’s program expected fall of 2006)  
**School or program website:** www.tnstate.edu  
**Address (including county):** 3500 John A. Merritt Blvd, Nashville, TN 37209 (Davidson)  
**Contact for information:** Larry R. Synder, M.S., OTR/L, department head  
**Phone number:** (615) 963-5891  
**Email address:** lsnyder@tnstate.edu  
**Articulation agreement:** None  

**Educational transcript review procedures for transferring or returning students:** Official transcripts must be sent to Admissions for review.  
**Allowable substitution coursework or experience:** Substitution coursework will be determined based on individual transcript review.  

**Prerequisites for entry into the program:**  
The last baccalaureate Occupational Therapy class was admitted summer 2004. The program has transitioned to an entry level master’s degree program, which began fall 2006. Contact department for details (615) 963-5891 or e-mail Larry Snyder at lsnyder@tnstate.edu.
Cumberland University

Program name: Athletic Trainer
Program type: Physical Education/Athletic Training
Program length: Four years
Degree or certification awarded: B.S. in Physical Education with emphasis in Athletic Training
School or program website: www.cumberland.edu
Address (including county): One Cumberland Square, Lebanon, TN 37087-3408 (Wilson)
Contact for information: Danny Rogers, Head Athletic Trainer/Athletic Training Program Director
Phone number: (615) 444-2562
Email address: drogers@cumberland.edu
Articulation agreement: None
Educational transcript review procedures for transferring or returning students: Official transcripts must be sent to Admissions or Allied Health Office for review.
Allowable substitution coursework or experience: Substitution coursework will be determined based on individual transcript review.
Prerequisites for entry into the program: The athletic training program has a limited enrollment. Therefore, all students must make formal application, be admitted to the program, and follow the prescribed course of study. The following are the requirements for admission to the program:
• Be admitted to Cumberland University by the Office of Admissions
• Complete HPER 230 and HPER 227 with a “B” or better
• Have an overall minimum GPA of 2.50
• Completion of 100 clinical observation hours
• Completion of program application
• Three letters of recommendation
• Interview with the selection committee
Selection of students into the Athletic Training Program is made after April 15th for the next academic year. Application materials should be completed prior to this date to be fully considered for admission to the program. Additional information can be obtained by contacting the Athletic Training Program Director.

David Lipscomb University

Program name: Athletic Trainer
Program type: Athletic Training
Program length: Four years
Degree or certification awarded: B.S. Athletic Training
School or program website: www.lipscomb.edu
Address (including county): 3901 Granny White Pike, Nashville, TN 37204-3951 (Davidson)
Contact for information: Dr. Kent Johnson
Phone number: (615) 279-5770
Email address: kent.johnson@lipscomb.edu
Articulation agreement: None
Educational transcript review procedures for transferring or returning students: Official transcripts must be sent to Admissions or Allied Health Office for review.
Allowable substitution coursework or experience: Substitution coursework will be determined based on individual transcript review.
Prerequisites for entry into the program: Any college preparatory high school program will provide adequate preparation for those desiring careers in Athletic Training, Exercise Science, or Physical Education. However, it is advisable for potential majors to earn a solid science core from their high school program. All students majoring in Athletic Training must be accepted into the Athletic Training Program. To be eligible for application, each applicant must submit an application packet to the Athletic Training Program Director. This application packet must include:
• Official copy of the applicant’s transcript (minimum 2.50 GPA required for admission to the Athletic Training Program)
• Two letters of reference
• Completion of the basic Athletic Training competency skills from AT 2002
• Students must meet the technical standards established by the NATA Education Council
Once the application packet is complete and submitted to the Program Director, each applicant will be interviewed Continued on next page
by the Athletic Training Committee. The Athletic Training Committee will determine which applicants are admitted into the program. Most students make application to the program during the semester in which they are enrolled in AT 2002 (typically in the fall of their sophomore year). Upon gaining acceptance into the program, students must purchase Athletic Training Student liability insurance. In addition to the required courses, all students must accrue a minimum of 800 clinical hours while in the program (minimum time to accrue hours is a two-year period) and prior to graduation. Only students admitted to the Athletic Training Program can pursue a major in Athletic Training. All students must meet the NATABOC certification and CAAHEP Program requirements prior to being eligible for graduation.

**Middle Tennessee State University**

**Program name:** Athletic Training  
**Program type:** Athletic Training  
**Program length:** Four years  
**Degree or certification awarded:** B.S. Athletic Training  
**School or program website:** www.mtsu.edu  
**Address (including county):**  
MTSU Box 96  
1301 East Main Street  
Murfreesboro, TN 37132-0001  
(Rutherford)  
**Contact for information:** Helen Binkley  
**Phone number:** (615) 904-8453  
**Email address:** hbinkley@mtsu.edu  
**Articulation agreement:** None  
**Educational transcript review procedures for transferring or returning students:** Official transcripts must be sent to Admissions Office or Allied Health Office for review.  
**Allowable substitution coursework or experience:** Substitution coursework will be determined based on individual transcript review.  
**Prerequisites for entry into the program:** The major in athletic training is a limited enrollment program and accepts a maximum of 20 students per year. Students are admitted during the spring semester and Summer IV session of each year. All students must make formal application, be admitted to the program, and follow a prescribed sequenced course of study. Admission to the program includes:  
• Completed program application  
• Three letters of recommendation  
• Minimum 2.5 overall grade point average  
• Successful completion of ATHT 3580, ATHT 2590, and BIOL 2010 with a minimum grade of B-  
• Minimum of 24 hours of completed academic coursework  
• 60 clinical observation hours
MIDDLE TENNESSEE
STATE UNIVERSITY

Program name: Recreational Therapy

Program type: Recreation and Leisure Services

Program length: Four years

Degree or certification awarded: B.S. Recreation and Leisure Services (concentration in Recreational Therapy)

School or program website: www.mtsu.edu/~rls

Address (including county): MTSU Box 96 Dept. of Health and Human Performance Murfreesboro, TN, 37132-0001 (Rutherford)

Contact for information: Dr. Tara Perry

Phone number: (615) 904-8293

Email address: tperry@mtsu.edu

Articulation agreement: None

Educational transcript review procedures for transferring or returning students: Official transcripts must be sent to Admissions Office for review.

Allowable substitution coursework or experience: Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program: Specific to the profession, preferred general education coursework would include biology and/or anatomy and physiology, general psychology, introduction to sociology.
**Vanderbilt University**
(through Vanderbilt Hospital)

**Program name:**
Audiology and Speech-Language

**Program type:**
Speech Language Pathology/Audiology

**Program length:**
The Master’s Degree program provides clinical education leading to professional certification in speech-language pathology. The two-year program lasts five semesters, including the summer session following the first year. A broad range of clinical practicum opportunities is available. The program culminates in a ten-week clinical or research externship at a site of the student’s choosing. The program exceeds American Speech-Language-Hearing Association requirements.

The Doctoral Degree program emphasizes preparation for teaching and research careers in hearing, speech, and language sciences. Prior to the dissertation, students complete two research projects, a teaching practicum and coursework both inside and outside the department, tailored to individual needs and interests. The Ph.D. degree normally requires 72 graduate credit hours. A maximum of 24 semester hours of graduate-level transfer credit may be applied toward the doctoral degree.

**Degree or certification awarded:**
Ph.D. Hearing and Speech Sciences (major in Audiology or Speech-Language Pathology), M.S., Speech-Language Pathology

**School or program website:**
http://www.vanderbiltbillwilkersoncenter.com

**Address (including county):**
Vanderbilt University, Hearing and Speech Sciences
1114 19th Ave. South
Nashville, TN 37215 (Davidson)

**Contact for information:**
Judy Warren, Department Secretary, or Dr. Edward Conture, Professor and Director, Graduate Studies, Hearing and Speech Sciences

**Phone number:**
(615) 936-5100

**Email address:**
judy.warren@vanderbilt.edu

**Articulation agreement:**
None

**Educational transcript review procedures for transferring or returning students:**
Official transcripts must be sent to Admissions Office for review.

**Allowable substitution coursework or experience:**
Substitution coursework will be determined based on individual transcript review.

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**Prerequisites for entry into the program:**
The Department of Hearing and Speech Sciences offers work leading to the master’s degree in speech-language pathology and hearing or speech science. The Ph.D. degree is offered in audiology, speech-language pathology, and hearing or speech science. In addition, the department offers a professional doctorate of audiology, the Au.D. Information on regulations and requirements for the Ph.D. programs and the master’s degrees in speech-language pathology and hearing or speech science may be found in the catalog of the Graduate School. Applications require letters of recommendation and the Graduate Record Examination. Make inquiries to Graduate Admissions, Department of Hearing and Speech Sciences, Vanderbilt Bill Wilkerson Center, Nashville TN 37232-2197. Or you may email Judy Warren (judy.warren@vanderbilt.edu) or phone (615) 936-5103.

Students with backgrounds in such areas as communication disorders and other health related professions, biomedical sciences, psychology, and psycholinguistics are encouraged to apply. All students must possess GRE scores consistent with Vanderbilt’s standards; a strong record of past academic achievement; a commitment to hearing health care; excellent oral and written skills; a willingness to work collaboratively; a strong work ethic; perseverance; and organizational and time management skills.

Deadline for application is January 15 of the year for desired fall enrollment – students accepted only in fall.
**Program name:**
Speech and Theatre with concentration in Communication Disorders

**Program type:**
Pre-Professional Speech Language Pathology and Audiology

**Program length:**
Four years

**Degree or certification awarded:**
B.A., B.S. Speech and Theatre with concentration in Communication Disorders

**School or program website:**
www.mtsu.edu

**Address (including county):**
Box 364
Murfreesboro, TN, 37132-0001
(Rutherford)

**Contact for information:**
Melinda L. Richards

**Phone number:**
(615) 898-5425

**Email address:**
mrichards@mtsu.edu

**Articulation agreement:**
None

**Educational transcript review procedures for transferring or returning students:**
Official transcripts must be sent to Admissions Office or Allied Health Office for review.

**Allowable substitution coursework or experience:**
Substitution coursework will be determined based on individual transcript review.

**Prerequisites for entry into the program:**
The Communication Disorders concentration offers students an opportunity to learn about human communication; speech, language, and hearing disorders; and intervention with children and adults diagnosed with communication problems. This pre-professional program thoroughly prepares students for graduate level study in the fields of speech-language pathology, audiology, hearing science, deaf education, and rehabilitation counseling.

Prior to enrollment in clinical practicum, students must meet acceptable academic standards: a minimal cumulative GPA of 2.5 in 60 semester hours or a GPA of 3.0 in the last 30 hours, a minimum GPA of 2.7 in the Communication Disorders concentration, and a minimum grade of C in each prerequisite course. To engage in clinical services, students also demonstrate competence in speaking and writing, and meet professional and ethical criteria deemed important by the clinical faculty.

Communication Disorders undergraduate programs which offer both academic and clinical training are unique. The clinical methods course and the clinic courses which accompany clinical practicum highlight the relationships between academic knowledge and clinical service. Graduate programs in speech-language pathology accept 100 undergraduate clinical clock hours toward fulfillment of the American Speech-Language-Hearing Association’s requirements. Through our clinical practicum offerings, we are pleased to provide our Communication Disorders majors an opportunity to transfer clinical clock hours to their graduate programs.
TENNESSEE STATE UNIVERSITY

Program name:
Speech Language Pathology / Audiology

Program type:
Rehabilitation

Program length:
Four+ years B.S. plus two years M.S.

Degree or certification awarded:
B.S. Speech-Pathology/Audiology,
M.S. Speech/Hearing Science

School or program website:
www.tnstate.edu

Address (including county):
330 Tenth Avenue North
Nashville, TN 37203
(Davidson)

Contact for information:
Department of Speech Pathology and Audiology,
Dr. Harold Mitchell, Department Head

Phone number:
(615) 963-7081

Email address:
hmitchell@tnstate.edu

Articulation agreement:
None

Educational transcript review procedures for transferring or returning students:
Official transcripts must be sent to Admissions Office for review.

Allowable substitution coursework or experience:
Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:
The undergraduate B.S. (Bachelor of Science) degree program is a pre-professional program designed to prepare students for graduate studies in speech pathology or audiology.

Prospective students should:
- Apply for admission to the university (and for financial aid if desired)
- Show steady growth in development of vocabulary, reading, speaking, and writing skills
- Complete all general education requirements and at least three credit hours each of a physical science, biological science, and college level mathematics
- Once accepted and enrolled in the undergraduate program, students must:
  A. Maintain a minimum GPA of 2.0
  B. Maintain grades of C or above in all major courses
  C. Demonstrate satisfactory progress in the academic and practicum programs

The graduate M.S. (Master of Science) degree program is designed to prepare students to become certified and licensed speech-language pathologists and/or pursue doctoral degrees at other institutions. The masters degree is the entry-level degree required to become a speech-language pathologist

Special Requirements
Students are required to have a physical examination and obtain medical and malpractice insurance prior to clinical rotations. During a clinical rotation, students may be assigned to off-campus facilities. Students are responsible for transportation costs, clinic attire, and other expenses related to clinical experiences. Students are also expected to obtain membership in the American Association for Respiratory Care (AARC).

Criminal Background Check
A criminal background check may be a requirement at some affiliated clinical sites for training. Based on the results of these checks, an affiliated clinical site may determine to not allow your presence at their facility. This could result in your inability to successfully complete the requirements of this program. Additionally, a criminal background may preclude licensure or employment.
Respiratory Therapy

Columbia State Community College

Program name: Respiratory Care
Program type: Respiratory Therapy
Program length: Five semesters (72 hours)
Degree or certification awarded: Associate of Applied Science in Respiratory Care
School or program website: www.columbiastate.edu/respiratory
Address (including county): P.O. Box 1315 Columbia, TN 38402-1315 (Maury)
Contact for information: Mr. R. David Johnson
Phone number: (931) 540-2663
Email address: rdavid@columbiastate.edu
Articulation agreement: With some area high schools for advance placement standing
Educational transcript review procedures for transferring or returning students: Admissions Office will evaluate transcripts for transfer credit.
Allowable substitution coursework or experience: None
Prerequisites for entry into the program:
Meet all college requirements as a degree-seeking student, satisfy all mandatory assessment and placement requirements prior to submitting application to Respiratory Care program. All program admission requirements are located on the program Web site at www.columbiastate.edu/respiratory.

Tennessee State University

Program name: Cardio-Respiratory Care Sciences
Program type: Respiratory Therapy
Program length: Two years of general education and science courses plus two years of professional courses
Degree or certification awarded: B.S. Cardio-Respiratory Care Sciences
School or program website: www.tnstate.edu
Address (including county): 3500 John A. Merritt Blvd. Nashville, TN 37209 (Davidson)
Contact for information: Dr. Thomas John, Department Head, Cardio Respiratory Care Sciences
Phone number: (615) 963-7420
Email address: tjohn@tnstate.edu
Articulation agreement: None
Educational transcript review procedures for transferring or returning students: Official transcripts must be sent to Admissions Office for review.
Allowable substitution coursework or experience: Substitution coursework will be determined based on individual transcript review.
Prerequisites for entry into the program:
Students who wish to pursue the Cardio-Respiratory Care Sciences major may apply to the CRCS Admissions Committee for acceptance. Students must be formally admitted to the Cardio-Respiratory Care Sciences Program in order to take professional courses, which begin in the junior year. Applications for admission are accepted from students who meet the following application requirements:
• Admission to Tennessee State University
• A minimum high school grade point average of at least 2.5 on a 4.0 scale.
• One year of high school algebra, biology, and chemistry.
• Completion of first year CRCS curriculum with a grade point average of at least 2.5 on a 4.0 scale.
• A “C” or better grade in supporting science courses.
• Two letters of recommendation from instructors who have taught the applicant.
• An interview with the Admissions and Retention Committee or its designee.

Continued on next page
All applicants will be screened by the Department of Cardio-Respiratory Care Sciences Admissions and Retention Committee. Applicants will be advised of the final decision regarding their acceptance into the Program by a representative of the Committee.

Transfer Students
1. Applications will be accepted from transfer students from other colleges or universities or from other departments of Tennessee State University.
2. Applicants must have an overall college grade-point average of 2.5 on a 4.0 scale and meet the program admissions requirements for entering applicants. Any exceptions to the rule must be approved by the Cardio-Respiratory Care Sciences Admissions and Retention Committee.
3. Transfer credits for non-major courses will be accepted according to university policies on admission with advanced standing. All transfer credits from accredited Respiratory Care programs will be accepted where evidence is provided that the content of courses previously taken is essentially the same as the content for courses in the curriculum. No credit will be accepted for essential courses in which the student has received a grade lower than a “C.”
4. In addition to the above, a Tennessee State University student seeking a transfer to the Cardio-Respiratory Care Sciences program is required to complete a Change of Major form. Students who have a B.S. Degree in Science may be admitted to the program if they meet the admission criteria. Students who have taken the science courses and general education courses may be able to complete the program in two years. Students should consult the program director for details. The Admission and Retention Committee will make the final decision regarding admission to the program. The candidate will be advised of the final decision regarding acceptance.

Special Requirements
Students are required to have a physical examination and obtain medical and malpractice insurance prior to clinical rotations. During a clinical rotation, students may be assigned to off-campus facilities. Students are responsible for transportation costs, clinic attire, and other expenses related to clinical experiences. Students are also expected to obtain membership in the American Association for Respiratory Care (AARC).

Criminal Background Check
A criminal background check may be a requirement at some affiliated clinical sites for training. Based on the results of these checks, an affiliated clinical site may determine to not allow your presence at their facility. This could result in your inability to successfully complete the requirements of this program. Additionally, a criminal background may preclude licensure or employment.

Volunteer State Community College
Program name: Respiratory Care Program
Program type: Rehabilitation
Program length: Two years
Degree or certification awarded: A.A.S. Certified Respiratory Care Therapist
School or program website: www.volstate.edu/
Address (including county): 1480 Nashville Pike Gallatin, TN 37066-3188 (Sumner)
Contact for information: Cory Martin, Respiratory Care Program director
Phone number: (615) 230-3349
Email address: cory.martin@volstate.edu
Articulation agreement: None
Educational transcript review procedures for transferring or returning students: None available
Allowable substitution coursework or experience: None available
Prerequisites for entry into the program:
Must undergo a 12-month study program; graduates receive certificates of completion and are eligible to take a national voluntary examination that, upon passing, leads to the credential Certified Respiratory Therapist (CRT).
1. Meet all the general admission requirements of the college.
2. Submission of Respiratory Care application
3. Application deadline is April 1
4. Completion of General Education core as indicated in catalog with “C” or better
**David Lipscomb University**

**Program name:** Dietetics  
**Program type:** Didactic Program in Dietetics  
**Program length:** Four years  
**Degree or certification awarded:** B.S. Dietetics  
**School or program website:** www.lipscomb.edu  
**Address (including county):**  
3901 Granny White Pike  
Nashville, TN 37204-3951  
(Davidson)  
**Contact for information:** Nancy H. Hunt  
**Phone number:** (615) 269-1000  
**Email address:** Nancy.hunt@lipscomb.edu  
**Articulation agreement:** None  
**Educational transcript review procedures for transferring or returning students:**  
Official transcripts must be sent to Admissions Office for review.  
**Allowable substitution coursework or experience:** Substitution coursework will be determined based on individual transcript review.  
**Prerequisites for entry into the program:**  
Must meet basic university admission requirements. Although no specific course of study is required, a strong academic background is recommended. Science, family and consumer sciences or home economics, mathematics, and communication will be especially beneficial. Contact Family and Consumer Sciences Department for further information.

**Middle Tennessee State University**

**Program name:** Dietetics  
**Program type:** Didactic Program in Dietetics  
**Program length:** Four years  
**Degree or certification awarded:** B.S. Dietetics, M.S. Human Sciences - Nutrition  
**School or program website:** www.mtsu.edu  
**Address (including county):**  
1301 East Main Street  
Murfreesboro, TN, 37132-0001  
(Rutherford)  
**Contact for information:** Dellmar Walker  
**Phone number:** (615) 904-8076  
**Email address:** dewalker@mtsu.edu  
**Articulation agreement:** None  
**Educational transcript review procedures for transferring or returning students:**  
Official transcripts must be sent to Admissions Office or Allied Health Office for review.  
**Allowable substitution coursework or experience:** Substitution coursework will be determined based on individual transcript review.  
**Prerequisites for entry into the program:**  
Must meet basic university admission requirements. Contact Nutrition and Food Sciences Department for further requirements.
TENNESSEE STATE UNIVERSITY

Program name: Dietetics

Program type: Didactic Program in Dietetics (DPD)

Program length: Four years

Degree or certification awarded: B.S. Family and Consumer Sciences Concentration Foods and Nutrition (Dietetics)

School or program website: www.tnstate.edu

Address (including county): 3500 John A. Merritt Blvd. Nashville, TN 37209 (Davidson)

Contact for information: Sandria L. Godwin, PhD, RD, LDN

Phone number: (615) 963-5619

Email address: sgodwin@tnstate.edu

Articulation agreement: All Tennessee community colleges

Educational transcript review procedures for transferring or returning students: Official transcripts must be sent to Admissions and Records for review. They will be also reviewed by the director of the DPD.

Allowable substitution coursework or experience: Substitution coursework will be determined based on individual transcript review. No credit for experience is currently formalized.

Prerequisites for entry into the program: To pursue a dietetics major, students must first apply to and be admitted by Tennessee State University. In addition to admission to the university, the student must complete the program with a 2.75 GPA to receive a verification form, making them eligible to enter a dietetics internship if accepted.
Draughons Junior College

Program name:
Medical Assistant

Program type:
Medical Assisting

Program length:
12 months – two years

Degree or certification awarded:
Diploma

School or program website:
www.draughons.edu

Address (including county):
340 Plus Park Blvd
Nashville, TN 37217
(Davidson and Rutherford)

Contact for information:
Admissions Office

Phone number:
(615) 361-7555

Email address:
admissions@draughons.org

Articulation agreement:
None

Educational transcript review procedures for transferring or returning students:
Official transcripts must be sent to Admissions Office for review.

Allowable substitution coursework or experience:
Draughons Junior College will transfer up to 36 semester hours of credits toward a degree and 18 semester hours toward a diploma from any accredited two or four year institution as long as:
1. the course is equivalent in content to a course offered by Draughons Junior College;
2. the number of credit hours awarded equals or exceeds the number awarded for the equivalent course;
3. the student earned a grade of “C” or better;
4. the student earned the credits prior to enrolling at Draughons Junior College;
5. the student moves out of state or out of commuting distance and was near the completion of the student’s program of study at the time of the move.

At the time of the student’s graduation from Draughons, the transfer grades will be averaged into the final grade point average.

Transfer credits earned in courses not corresponding with the curriculum of Draughons Junior College may be entered on the student’s transcript as elective credits but will not be included in the final grade point average.

Prerequisites for entry into the program:
Students applying for admission to Draughons Junior College are required to have a high school diploma or to have satisfied graduation requirements through the General Educational Development (GED) test to be considered for admission. All prospective students must take an assessment with the exception of those who have a composite score of 18 on the ACT or who have transfer credit in English or mathematics.
High Tech Institute

Program name: Medical Assistant
Program type: Medical Assisting
Program length: 63 weeks
Degree or certification awarded: A.A.S. Medical Assisting
School or program website: www.hightechinstitute.com
Address (including county): 2710 Old Lebanon Road, Nashville, TN 37214 (Davidson)
Contact for information: Submit request form on website or call for further information.
Phone number: (800) 987-0110 or (615) 232-3700
Email address: Submit email via website
Articulation agreement: None
Educational transcript review procedures for transferring or returning students: Official transcripts must be sent to Admissions Office for review.
Allowable substitution coursework or experience: Substitution coursework will be determined based on individual transcript review.
Prerequisites for entry into the program:
Each course stands alone as a unit of study and is not dependent upon prerequisite training. A student may enter the program at the beginning of any course and continue through the sequence until completion of all courses.

Nashville College of Medical Careers

Program name: Medical Assistant
Program type: Medical Assisting
Program length: Nine months
Degree or certification awarded: Certificate
School or program website: www.Nashvillecollege.com
Address (including county): 1556 Crestview Dr., Madison, TN 37115 (Davidson)
Contact for information: Admissions Office
Phone number: (615) 868-2963
Email address: nashcol@aol.com
Articulation agreement: None
Educational transcript review procedures for transferring or returning students: Official transcripts must be sent to Admissions Office for review.
Allowable substitution coursework or experience: Substitution coursework will be determined based on individual transcript review.
Prerequisites for entry into the program:
Applicant must be at least seventeen (17) years of age when the school term begins.

1. Applicants entering a program must hold a high school diploma or equivalent (i.e., GED) awarded by an approved high school.
2. Applicants who do not hold a high school diploma or GED and have passed the compulsory school attendance age are required to take an entrance examination as proof that they would benefit from this training. A licensed counselor is available as needed for all ATB students.
3. Applicant must be of good moral character and must submit the names and addresses of two references.
4. The applicant must be in good physical health when the term begins.
5. A transcript, diploma, or GED scores must be submitted from the accepted student’s high school and/or college, which he/she previously attended.
6. A recent photograph of the student must be submitted.
7. A personal interview and college tour must be conducted prior to admission.
National College of Business
and Technology

Program name: Medical Assistant
Program type: Medical Assisting
Program length: Two years
Degree or certification awarded: A.A.S. Medical Assisting
School or program website: www.nationalbusiness.edu/
Address (including county): 3748 Nolensville Pike
Nashville, TN 37211
(Davidson)
Contact for information: Admissions
Phone number: (615) 333-3344
Email address: Contact via online form on website
Articulation agreement: None
Educational transcript review procedures for transferring or returning students: Official transcripts must be sent to Admissions Office for review.
Allowable substitution coursework or experience: Substitution coursework will be determined based on individual transcript review.
Prerequisites for entry into the program: Graduation from high school is a minimum requirement for admission to National. Those who have satisfied graduation requirements through the General Education Development (GED) Test are also eligible for admission.

In addition to the above requirements, those who enroll in the Medical Assisting program will be required to take a physical during their first quarter of attendance. Cost of the physical is the responsibility of the student.

Remington College

Program name: Medical Assistant
Program type: Medical Assisting
Program length: Eight months
Degree or certification awarded: Diploma
School or program website: www.remingtoncollege.com
Address (including county): 441 Donelson Pk., Suite 150
Nashville, TN 37214
(Davidson)
Contact for information: Admissions Office
Phone number: (615) 889-5520
Email address: Submit email via website
Articulation agreement: None
Educational transcript review procedures for transferring or returning students: Official transcripts must be sent to Admissions Office for review.
Allowable substitution coursework or experience: Substitution coursework will be determined based on individual transcript review.
Prerequisites for entry into the program: Contact Admissions Office
Southeastern Career College

Program name: Medical Assistant
Program type: Medical Assisting
Program length: Nine to Eleven months
Degree or certification awarded: Diploma
School or program website: www.southeasterncareercollege.edu
Address (including county): 2416 21st Avenue South, Suite 300 Nashville, TN 37212 (Davidson)
Contact for information: Admissions Office
Phone number: (615) 269-9900
Email address: None
Articulation agreement: None
Educational transcript review procedures for transferring or returning students: Official transcripts and college catalog must be sent to Admissions for review.
Allowable substitution coursework or experience: Credit for previous education, training, work experience (experiential learning), or CLEP will be evaluated on an individual basis.
Prerequisites for entry into the program: Contact Admissions.
NASHVILLE STATE TECHNICAL COMMUNITY COLLEGE

Program name: Surgical Assisting

Program type: College-level Technical Certificate

Program length: Two semesters (August-May)
29 student credit hours

Degree or certification awarded: Technical Certificate

School or program website: www.nscc.edu

Address (including county): 120 White Bridge Road
Nashville, TN 37209
(Davidson)

Contact for information: Mr. Van Bates

Phone number: (615) 353-3340

Email address: Van.bates@nscc.edu

Articulation agreement: Anatomy and Physiology courses required for the program are transferable into nursing programs.

Educational transcript review procedures for transferring or returning students: Transcripts should be submitted to the Records Office at the College for review.

Allowable substitution coursework or experience: Must be individually determined.

Prerequisites for entry into the program: Surgical Assisting is the next career advancement step for graduates of the Surgical Technology Program and for persons employed as Surgical Techs.

This is a limited-admissions program. Admission will be based on a combination of credentials, operating room experience, previous academic work, and an interview. Applications are available at Nashville State Technical Community College, 120 White Bridge Road, Nashville, TN 37209.
HIGH TECH INSTITUTE

Program name: Surgical Technologist
Program type: Surgical Technology
Program length: 72 weeks
Degree or certification awarded: A.A.S. Surgical Technology
School or program website: www.hightechinstitute.com
Address (including county): 2710 Old Lebanon Road
Nashville, TN 37214 (Davidson)
Contact for information: Submit request form on website or call for further information.
Phone number: (800) 987-0110 or (615) 232-3700
Email address: Submit email via website
Articulation agreement: None
Educational transcript review procedures for transferring or returning students: Official transcripts must be sent to Admissions for review.
Allowable substitution coursework or experience: Substitution coursework will be determined based on individual transcript review.
Prerequisites for entry into the program:
Each course stands alone as a unit of study and is not dependent upon prerequisite training. A student may enter the program at the beginning of any course and continue through the sequence until completion of all courses.

NASHVILLE STATE TECHNICAL COMMUNITY COLLEGE

Program name: Surgical Technologist
Program type: Surgical Technology
Program length: 32 hours
Degree or certification awarded: Certificate
School or program website: www.nsti.tec.tn.us/
Address (including county): 120 White Bridge Rd.
Nashville, TN 37209 (Davidson)
Contact for information: Van Bates, Program Coordinator
Phone number: (615) 353-3340
Email address: Van.bates@nscc.edu
Articulation agreement: None
Educational transcript review procedures for transferring or returning students: Official transcripts must be sent to Admissions for review.
Allowable substitution coursework or experience: Substitution coursework will be determined based on individual transcript review.
Prerequisites for entry into the program:
The application process for the Surgical Technology Program is as follows:
• Submit an application for admission to the Admissions Department (if you are presently taking classes here you do not need to do this).
• Have transcripts from your high school (or an official copy of your GED score) and transcripts from any other college you attended sent to the admissions office.
• Take the Compass Placement Test if:
• You are under 21 years of age and have an ACT math, English, or composite score of 18 or less (or SAT score of 710 or less); and
• You have not successfully passed either college-level English and math courses or completed remedial arithmetic (DSPM 0700) and developmental reading or writing (DSPR 0800, DSPW 0800) with a grade of C or higher.

Continued on next page
• Call or email our department to let us know that you have completed the first three steps and that you want to set up an interview.
• You must have completed any required remedial/developmental courses (as determined by placement test scores) before an interview will be granted. These courses include: DSPR 0700, DSPR 0800, DSPW 0700, DSPW 0800, DSPM 0700
• The application process MUST be completed no later than the above stated deadlines.

Acceptance into the Program will be based on previous grade point average, interview score, successful completion of courses counting toward Surgical Technology Program (see below) with a C (75) or higher, previous work in the medical field, and Tennessee residency. (Tennessee residency is not a requirement for the program.)

TENNESSEE TECHNOLOGY CENTER,
DICKSON
Program name: Surgical Technology
Program type: Surgical Technology
Program length: One year/1,296 hours
Degree or certification awarded: Certificate, Surgical Technology
School or program website: www.dickson.tec.tn.us/
Address (including county): 740 Highway 46 Dickson, TN 37055 (Dickson)
Contact for information: Laura Travis, Health Careers Coordinator
Phone number: (615) 441-6220
Email address: L.travis@dickson.tec.tn.us
Articulation agreement: None
Educational transcript review procedures for transferring or returning students: Official transcripts must be sent to Admissions Office for review.
Allowable substitution coursework or experience: Substitution coursework will be determined based on individual transcript review.
Prerequisites for entry into the program:
All programs: Preference for admission is given to students who are residents of the State of Tennessee. The Technology Center training programs are designed to prepare students for specific technical careers. Prospective students are urged to submit an application to the front office, tour the department, and meet the instructor prior to enrollment. The minimum age for enrollment is 18, unless specified by other admissions standards.

Additional entrance requirements:
Practical nursing, surgical technology, and dental assisting students must attend an information session, have a high school or GED diploma, score a minimum on the NET, submit references, and successfully complete a thorough physical examination. The Departmental Advisory Committee reviews all applications for admission and recommends applicants for acceptance.

The Surgical Technology Program admits a class each October. Contact the school in June for information sessions to be held in July.
**TENNESSEE TECHNOLOGY CENTER, MURFREESBORO**

**Program name:** Surgical Technology  
**Program type:** Surgical Technician  
**Program length:** One year  
**Degree or certification awarded:** Diploma, Surgical Technician  
**School or program website:** [www.murfreesboro.tec.tn.us/](http://www.murfreesboro.tec.tn.us/)  
**Address (including county):**  
1303 Old Fort Parkway  
Murfreesboro, TN 37129  
(Rutherford)  
**Contact for information:** Mike Ford  
**Phone number:** (615) 898-8010  
**Email address:** mford@murfreesboro.tec.tn.us  
**Articulation agreement:** None  
**Educational transcript review procedures for transferring or returning students:**  
Official transcripts must be sent to Admissions Office for review.  
**Allowable substitution coursework or experience:**  
Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:  
Contact the center to obtain an application form.  
1. Complete the application and file it with the Student Services Office.  
2. Discuss primary vocational objectives with the counselor.  
3. Each student enrolling in a full-time program or Technology Foundation/GED Prep will undergo the Technology Foundations Assessment Program. If a student is found deficient in reading, writing, mathematics or study skills, he/she will attend the center’s Technology Foundations program as a part of the instructional day. This highly individualized activity is designed to assist the student in making satisfactory progress in his/her chosen program.  
4. Although neither a high school diploma nor a GED is required for admission, all students are encouraged to pursue such and will normally be enrolled in a GED preparation program while pursuing their vocation.  
5. To assist applicants with the selection of a suitable program, those enrolling without a high school diploma or GED may be referred for an ability to benefit test. Applicants will be notified of place, date, and time of testing.  
6. REMEMBER TO APPLY EARLY! Some programs may have a waiting list due to high demand.  
**Specific requirements:**  
a. Must be 18 years old or older.  
b. Must provide proof of high school diploma or GED.  
c. Must score a minimum of 70 on the California Achievement test.  
d. Must receive hepatitis B vaccine series.  
e. Must receive medical/physical examination.
### Columbia State Community College

**Program name:** Radiologic Technology  
**Program type:** Medical Imaging  
**Program length:** Five Semesters (72 hours)  
**Degree or certification awarded:** Associate of Science Degree in Radiologic Technology  
**School or program website:** [www.columbiastate.edu/radtech](http://www.columbiastate.edu/radtech)  
**Address (including county):** P.O. Box 1315 Columbia, TN 38402-1315 (Maury)  
**Contact for information:** Mrs. Brenda Coleman  
**Phone number:** (315) 540-2745  
**Email address:** coleman@columbiastate.edu  
**Articulation agreement:** None  
**Educational transcript review procedures for transferring or returning students:** Admissions office will evaluate transcripts for transfer credit.  
**Allowable substitution coursework or experience:** None  
**Prerequisites for entry into the program:** Meet all college requirements as a degree-seeking student, satisfy all mandatory assessment and placement requirements prior to submitting application to Respiratory Care program. All program admission requirements are located on the program Web site at www.columbiastate.edu/radtech.

### Volunteer State Community College

**Program name:** Radiologic Technology Program  
**Program type:** Medical Imaging  
**Program length:** Two years  
**Degree or certification awarded:** A.A.S. Radiologic Technology  
**School or program website:** [www.volstate.edu](http://www.volstate.edu)  
**Address (including county):** 1480 Nashville Pike Gallatin, TN 37066-3188 (Sumner)  
**Contact for information:** Program Director – Monica M. Korpady  
**Phone number:** (615) 230-3651 or (888) 335-8722, ext. 3651  
**Email address:** monica.korpady@volstate.edu  
**Articulation agreement:** Austin Peay State University  
**Educational transcript review procedures for transferring or returning students:** Admissions Department reviews all general education courses. Program Director reviews radiology transfer student transcripts.  
**Allowable substitution coursework or experience:** None  
**Prerequisites for entry into the program:** Your first step is to complete an Application to Volunteer State Community College. The following must be completed by May 1 of each year and no exceptions will be acknowledged:  
1. Successfully complete all remedial and/or developmental courses that may be required. Must be completed with a “C” or better.  
2. Successfully complete BIOI 2010, Human Anatomy, and Physiology I with a “C” or better.  
3. Submit a radiology application.  
4. Three (3) letters of recommendation must be submitted on letterhead stationery. Previous employers or instructors are helpful. The letters should be addressed to: The Radiologic Technology Advisory Board Committee in care of: Volunteer State Community College Radiologic Technology Program 1480 Nashville Pike Gallatin, TN 37088-3188  
5. Observation of 16 hours must be completed in one of our eight affiliate hospitals.
**Middle Tennessee State University**

**Program name:**
Radiation Therapy

**Program type:**
Medical Imaging

**Program length:**
Four years

**Degree or certification awarded:**
B.S. Health Sciences: Radiation Therapy

**School or program website:**
www.mtsu.edu

**Address (including county):**
1301 East Main Street
Murfreesboro, TN 37132-0001
(Rutherford)

**Contact for information:**
Dr. M. Jo Edwards

**Phone number:**
(615) 898-5950

**Email address:**
mjedward@mtsu.edu

**Articulation agreement:**
The radiation therapy program is affiliated with MTSU at Vanderbilt Hospital in Nashville and Baptist Memorial College of Health Sciences in Memphis. Upon completion of the pre-professional curriculum at MTSU, separate application must be made to an approved radiation therapy program. Additional admission requirements for Vanderbilt Hospital include job shadowing in Radiation Therapy and completion of a Certified Nurse Assistant, CNA, program. Students planning to apply to other institutions should write those institutions requesting a catalog. It is important that you obtain the appropriate radiation therapy technology catalogs early in your pre-radiation therapy technology program.

**Educational transcript review procedures for transferring or returning students:**
Official transcripts must be sent to Admissions or Allied Health Office for review.

**Allowable substitution coursework or experience:**
Substitution coursework will be determined based on individual transcript review.

**Prerequisites for entry into the program:**
Completion of the pre-radiation therapy curriculum, job shadowing, completion of a CNA program, separate application to Vanderbilt’s Radiation Therapy Program or an approved radiation therapy program.
interview the student is evaluated on his/her transcripts, professional recommendations and overall interview. Upon the completion of the interviews, the Admission Committee will select students for the upcoming class. Students are notified in writing of acceptance status. The selected students must reply, in writing, within ten days of receipt of acceptance letter. At that point, the student must submit a $500.00, nonrefundable deposit to hold a place in the upcoming class.

The student selection process is competitive; the Admissions Committee selects applicants on a comparative basis. The student selection process does not discriminate against a student on the basis of handicap, sex, age, race, creed, religion, or national origin.

The following criteria are used to evaluate each prospective student:

1. Application form
2. Review of three completed professional references
3. Review of transcripts from all post-secondary educational institutions
4. Interview by the Admissions Committee with satisfactory assessment
5. Completion of a clinical site visit

Each interviewed applicant is given an opportunity for observational experience or a tour of the department.

Two avenues to fulfill the prerequisite:

1. Completion of the Pre-Radiation Therapy curriculum at program affiliate, Middle Tennessee State University.
2. Graduation from an accredited program in radiography

Radiography Curriculum Components

- Anatomy and Physiology 6 hours
- English 3 hours
- Algebra/College Math 3 hours
- Social Science 3 hours
- Radiographic Principles 9 hours
- Clinical/Practicum 30 hours
- Radiation Physics 3 hours
- Radiation Safety 3 hours
- Radiobiology 3 hours
- Pathophysiology 3 hours
- Computer Applications 3 hours
**Belmont University**

**Program name:** Medical Imaging Technology  
**Program type:** Nuclear Medicine  
**Program length:** Three years, post B.S.  
**Degree or certification awarded:** B.S. Medical Imaging Technology  
**School or program website:**  
www.belmont.edu/chemphys/dept.cfm?idno=121  
**Address (including county):**  
1900 Belmont Boulevard  
Nashville, TN 37212-3757  
(Davidson)  
**Contact for information:** Chemistry and Physics  
**Phone number:** (615) 460-6000  
**Email address:** Submit e-mail via website.  
**Articulation agreement:** Vanderbilt University  
**Educational transcript review procedures for transferring or returning students:** Official transcripts must be sent to Admissions or Allied Health Office for review.  
**Allowable substitution coursework or experience:** Substitution coursework will be determined based on individual transcript review.  
**Prerequisites for entry into the program:** The Medical Imaging Technology Major (B.S.) prepares students for a career in the growing medical field of nuclear medicine. It is offered in conjunction with the School of Allied Health at Vanderbilt University. The program of study includes three years of study at Belmont and one year of clinical training at Vanderbilt. Upon successful completion, students receive a B.S. degree with a major in medical imaging technology and a minor in physics from Belmont and a certificate from the School of Allied Health of Vanderbilt. A graduate can become a nuclear medicine technologist and apply for state and national licensure. Prospective students should contact the Chemistry and Physics department for specific prerequisites for admission.

**Middle Tennessee State University**

**Program name:** Nuclear Medicine Technology  
**Program type:** Medical Imaging  
**Program length:** Four years  
**Degree or certification awarded:** B.S. Health Sciences: Nuclear Medicine Technology  
**School or program website:**  
www.mtsu.edu  
**Address (including county):**  
1301 East Main Street  
Murfreesboro, TN 37132-0001  
(Rutherford)  
**Contact for information:** Dr. Andrew Burden or Dr. M. Jo Edwards  
**Phone number:** (615) 898-8195 or 898-5950  
**Email address:** daburden@mtsu.edu or mjedward@mtsu.edu  
**Articulation agreement:** The Nuclear Medicine Technology program is affiliated with the University of Tennessee School of Nuclear Medicine Technology. Upon completion of the pre-professional curriculum at MTSU, separate application must be made to an approved nuclear medicine technology program. Additional admission requirements include job shadowing in nuclear medicine technology and completion of a certified nurse assistant, CNA, preferred. Students planning to apply to other institutions should write those institutions requesting a catalog. It is important that you obtain the appropriate radiation therapy technology catalogs early in your pre-radiation therapy technology program.  
**Educational transcript review procedures for transferring or returning students:** Official transcripts must be sent to Admissions or Allied Health Office for review.  
**Allowable substitution coursework or experience:** Substitution coursework will be determined based on individual transcript review.  
**Prerequisites for entry into the program:** Completion of the pre-nuclear medicine curriculum or a B.S. degree in medical technology, nursing, biology, chemistry, math, or physics which included chemistry, physics, anatomy/physiology, and algebra.
Vanderbilt University

Program name:
Nuclear Medicine Technology

Program type:
Nuclear Medicine Technology

Program length:
12 months

Degree or certification awarded:
Certificate

School or program website:
www.mc.vanderbilt.edu/alliedhealth/

Address (including county):
VUMC, Radiology Rm. CCC1124MCN
Nashville, TN 37232-2675
(Davidson)

Contact for information:
James A. Patton, Coordinator

Phone number:
(615) 322-0508

Email address:
jim.patton@vanderbilt.edu

Articulation agreement:
Agreements with Belmont University and
Austin Peay State University

Educational transcript review procedures for
transferring or returning students:
Official transcripts must be sent to the Nuclear Medicine
Technology Office for review.

Allowable substitution coursework or experience:
Substitution coursework will be determined based on indi-
vidual transcript review.

Prerequisites for entry into the program:
The prospective student initiates the application process.
Upon receipt of a student’s inquiry, the program office will
mail an application packet, which consists of an applica-
tion checklist, cover letter, the application form, a clinical
site visit form and three professional reference forms.
The completed application, clinical site visit form, tran-
scripts and recommendation forms must be in prior to the
scheduling of a personal interview and must be in by
April 1 of the year in which admission is sought.
The Admissions Committee will review submitted applica-
tions and select those who will be requested to attend the
next step of the admission process, the formal interview.
During the interview, the members of the Admissions
Committee as a group meet with each candidate. They will
ask a series of questions designed to determine interest,
motivation, and communication skills. At the time of the
interview the student is evaluated on his/her transcripts,
professional recommendations, and overall interview.
Upon the completion of the interviews, the Admission
Committee will select students for the upcoming class.
Students are notified in writing of acceptance status. The
selected students must reply, in writing, within ten days of
receipt of acceptance letter. At that point, the student must
submit a $500.00, nonrefundable deposit to hold a place in
the upcoming class.

The student selection process is competitive; the
Admissions Committee selects applicants on a comparative
basis. The student selection process does not discriminate
against a student on the basis of handicap, sex, age, race,
creed, religion, or national origin.
The following criteria are used to evaluate each prospec-
tive student:
1. Application form
2. Review of three completed professional references
3. Review of transcripts from all post-secondary
   educational institutions
4. Interview by the Admissions Committee with
   satisfactory assessment
5. Completion of a clinical site visit
Each interviewed applicant is given an opportunity for
observational experience or a tour of the department.
Vanderbilt University
(through Vanderbilt Hospital)

Program name: Diagnostic Medical Sonography Technical Certificate Program
Program type: General Sonography
Program length: 18 months
Degree or certification awarded: Certificate Medical Sonography
School or program website:
www.mc.vanderbilt.edu/radiology/education/diagnostic-sonographytech.php
Address (including county):
VUMC School of Diagnostic Medical Sonography
MCN CCC-1121
1161 21st Ave. S
Nashville, TN 37232-2675 (Davidson)
Contact for information:
Jill Herzog, Program Director
Phone number:
(615) 322-4030
Email address:
jill.herzog@vanderbilt.edu
Articulation agreement:
None
Educational transcript review procedures for transferring or returning students:
None available
Allowable substitution coursework or experience:
None available
Prerequisites for entry into the program:
Candidates for admission must satisfy the following criteria by submission of official post-secondary transcripts:
high school graduate AND one of the following options:
• Graduate of a 2-year or 4-year accredited allied health program in direct patient care and possess the recognized credential for his/her specialty
   OR
• Bachelor’s degree from an accredited college or university with a cumulative GPA of no less than 2.5
   OR
• Demonstrate eligibility for the bachelor’s degree in radiological technology from Austin Peay State University upon completion of the VUMC School of DMS curriculum. (This option requires recommendation from the APSU faculty advisor.)

All post-secondary coursework must have included the following prerequisite courses:
• Algebra or college math equivalent
• General Physics
• Minimum of two semesters of biological sciences, including one semester of human anatomy and physiology
• Medical terminology
• English composition or speech
Deadline for application is February 1 of the year for desired enrollment.
Volunteer State Community College

Program name:
Diagnostic Medical Sonography Technical Certificate

Program type:
Medical Imaging

Program length:
13 months

Degree or certification awarded:
Certificate Medical Sonography

School or program website:
www.volstate.edu/

Address (including county):
1480 Nashville Pike
Gallatin, TN 37066-3188
(Sumner)

Contact for information:
Gene Spain, Program Director

Phone number:
(615) 230-3339

Email address:
gene.spain@volstate.edu

Articulation agreement:
None

Educational transcript review procedures for transferring or returning students:
None available

Allowable substitution coursework or experience:
None available

Prerequisites for entry into the program:
Meet all the general admission requirements of Vol State.
1. Must have ONE of the following qualifications:
   - Associate degree
     Degree in an AMA-approved allied health program that is patient-care related. (Allied health occupations include Radiologic Technologist, Respiratory Therapist, Occupational/Physical Therapist Assistant, and Registered Nurse.)
   - Bachelor’s degree
     Anatomy and Physiology I and II, Biology, and Medical Terminology are considered mandatory courses before consideration of application can be made.
2. Submit an Allied Health Department application and a copy of all transcripts to the DMS program director and an official copy of transcripts to the Office of Admissions.
3. Provide to the DMS program director documented evidence of a minimum of four hours of observation in an ultrasound department.
4. Submit two letters of recommendation to the DMS program director.
5. Submit a resume to DMS program director.
**Medical Technology (including Phlebotomy)**

**Middle Tennessee State University**

**Program name:** Medical Technology  
**Program type:** Clinical Laboratory Services  
**Program length:** Three years  
**Degree or certification awarded:** B.S. Medical Technology  
**School or program website:** www.mtsu.edu

**Address (including county):**  
1301 East Main Street  
Murfreesboro, TN 37132-0001  
(Rutherford)

**Contact for information:** Jennifer Braswell  
**Phone number:** (615) 898-5465  
**Email address:** jbraswell@mtsu.edu

**Articulation agreement:**  
Austin Peay State University-Clarksville, Tennessee State University-Meharry, Nashville; Vanderbilt University, Nashville; and St. Francis Hospital, Memphis.

**Educational transcript review procedures for transferring or returning students:**  
Official transcripts must be sent to Admissions or Allied Health Office for review.

**Allowable substitution coursework or experience:**  
Substitution coursework will be determined based on individual transcript review.

**Prerequisites for entry into the program:**  
Medical technology is a popular allied health field of study. The program usually includes three years of study at Middle Tennessee State University and completion of a 12-month medical technology program within a school of medical technology approved by the American Society of Clinical Pathologists. Schools of medical technology which have contractual affiliations with MTSU are: Austin Peay State University, Clarksville; St. Thomas Hospital, Nashville; Tennessee State University-Meharry, Nashville; Vanderbilt University, Nashville; and St. Francis Hospital, Memphis.

The University of Tennessee, Memphis, Health Science Center, has a two plus two (2 + 2) program involving two years of pre-professional work at MTSU followed by two years at UT Memphis.

There is a four plus one (4 + 1) program for people who already have the B.S. degree. This requires an additional year of study in an approved medical technology program beyond the baccalaureate degree. It is possible to enroll in the graduate school at MTSU and receive credit in a medical technology Career Track Program toward the M.S. in biology.

Please contact the Medical Technology Program for further information on entrance requirements.
TENNESSEE STATE UNIVERSITY

Program name: Medical Technology
Program type: Clinical Laboratory Services
Program length: Four years (3+1)
Degree or certification awarded: B.S. Medical Technology
School or program website: www.tnstate.edu
Address (including county): 3500 John A. Merritt Blvd.
                     Nashville, TN 37209 (Davidson)
Contact for information: Theola Copeland, Department Head
                     Medical Technology
Phone number: (615) 963-5062
Email address: tcopeland@tnstate.edu
Articulation agreement: None
Educational transcript review procedures for transferring or returning students:
Official transcripts must be sent to Admissions and Records Office for review.
Allowable substitution coursework or experience:
Substitution coursework will be determined based on individual transcript review.
Prerequisites for entry into the program:
Students wishing to pursue the B.S. in medical technology must meet minimum admission criteria of Tennessee State University. In addition applicants must meet one of the following:
• High school graduation with a minimum cumulative grade point average of 2.5 on a 4.0 scale.
• GED test scores of 50 or above for the five subjects tested.
• A minimum composite test score of 19 on the ACT.

Transfer Students
• Applicants will be accepted as transfer students from other colleges or universities or from other departments of Tennessee State University. Applicants with fewer than 30 semester credit hours in courses required by this program must have an overall college grade point average of 2.5 on a 4.0 scale and meet the admission requirements for first year freshman applicants. Applicants with 30 or more semester credit hours will be admitted if they have maintained an overall college grade point average of 2.5 or above on a 4.0 scale.
• Transfer credits for non-major courses will be accepted according to university policies on admission with advanced standing. All transfer credits from accredited medical technology programs will be accepted where evidence is provided that the content of courses previously taken is essentially the same as the content of courses in this curriculum. No credit will be accepted for major field courses in which the student has earned a grade lower than “C.”

Professional (Clinical) Component
Application for admission to the professional (clinical) year of the medical technology program is required. Applicants must meet one of the following criteria for acceptance.
• Tennessee State University students who have met retention requirements and completed the prescribed curriculum will progress directly into the professional (clinical) component of the program.
• Applicants from affiliated institutions who have successfully completed the agreed upon three-year preclinical curriculum will be admitted to the professional component on a competitive basis.
• Individuals who possess a baccalaureate degree in biology or chemistry and wish to receive a certificate of training in medical technology must have college credit in immunology, microbiology (bacteriology), organic chemistry, or biochemistry prior to being admitted to the professional component on a competitive basis.
• Individuals who possess an associate of science degree in medical laboratory technology and who wish to receive a bachelor of science degree in medical technology must have completed a minimum of a sixteen week clinical practicum in a NAACLS (National Accrediting Agency for Clinical Laboratory Sciences) approved medical laboratory technology program and must have a minimum of three years of experience as a generalist. These individuals must complete general education requirements for the bachelor of science degree, as well as science prerequisites for the medical technology program and at least nine hours of 4000 level medical technology courses (MT Seminar). Students must have completed a minimum of 42 credit hours at the 3000 to 4000 levels. Electives may be taken in Biology, Chemistry, or other related fields.
• Individuals who wish to receive a certificate in medical technology must complete all science prerequisites for the medical technology professional program.

Continued on next page
All Applicants
Prior to enrolling in the clinical component of the program, the student must be evaluated by the medical technology faculty. Requirements include:

Prerequisites
• **Chemistry**
  - 20 semester hours including organic chemistry
• **Biological Sciences**
  - 16 semester hours including bacteriology and immunology
• **Mathematics**
  - Three semester hours (minimum of one college level course)
• Letters of recommendation
  - Two from science professors
  - One from major advisor
• An interview which includes a review of the technical standards of the medical technology program.

Applicants are given a copy of the technical standards of the medical technology program.

Technical standards represent the essential non-academic requirements of the program that students must master to participate successfully in the program and become employable. A list of these standards follows:

1. Manual Dexterity: Ability to use hand(s) or terminal devices with coordination.
2. Fine Motor: Ability to manipulate small objects with fingertips or adaptive devices.
3. Mobility: Ability to maneuver in the laboratory and around instruments in patient-care settings.
4. Vision: Ability to distinguish red, yellow, and blue colors; distinguish clear from cloudy, and see through a microscope.
5. Hearing: Ability to adapt with assistive devices such as a telephone receiver, hearing aid, etc.
6. Speech: Ability to verbally communicate understandably in English.
7. Writing: Ability to communicate effectively in the written form in English.
8. Reading: Ability to read, understand, and follow directions printed in English.
4. All developmental courses required by placement testing will be taken in specified sequence. Restriction will be lifted when study skills and all developmental courses are completed successfully and the student has achieved a grade point average above probational level.

**Admission of High School Graduates**

Freshman admission requirements include graduation with a least 15 units of credit from an approved secondary school. It is recommended that for the best preparation for college, secondary school credits should include:

- **English** - 4 units
- **Mathematics** - 2 units
- **Foreign Language** - 2 units
- **Natural Science** - 1 unit
- **Social Science** - 2 units

This background provides a broad foundation for college studies.

Trevecca accepts as the official academic admissions document the American College Test (ACT). The ACT is used for placement testing, academic advising, and scholarships.

Please contact the Medical Technology Program for other specific admission criteria.
**Fisk University**

**Program name:**
Medical Technology

**Program type:**
Pre-Medical Technology

**Program length:**
Please contact Admissions

**Degree or certification awarded:**
Please contact Admissions

**School or program website:**
www.fisk.edu

**Address (including county):**
1000 Seventeenth Ave. North
Nashville, TN 37208-3051
(Davidson)

**Contact for information:**
Admissions Office

**Phone number:**
(615) 329-8500

**Email address:**
admit@fisk.edu

**Articulation agreement:**
Rush Medical Center, Chicago

**Educational transcript review procedures for transferring or returning students:**
Official transcripts must be sent to Admissions Office or Allied Health Office for review.

**Allowable substitution coursework or experience:**
Substitution coursework will be determined based on individual transcript review.

**Prerequisites for entry into the program:**
Fisk University seeks to enroll men and women who will benefit from a liberal arts experience and to equip them for intellectual and social leadership. Fisk looks for strong academic achievement combined with personal characteristics such as motivation, curiosity, community service, and leadership ability. Academic strength is always the starting point for assessing a student’s candidacy. However, there is no single formula or strategy that one may utilize to gain admission to Fisk. If you have been very successful in high school and believe that Fisk would be the right place for you, you should apply.

The typical Fisk freshman student has a high school GPA of 3.20 or higher and an ACT score of 21 or more (or SAT score of 1010 or higher) and ranks in the top 10% of his/her graduating class. The four-year graduation rate is 70%, five-year is 76%, and six-year is 82%. The retention rate is 85%. The freshman to sophomore retention rate is 92%. Roughly, one-third of each entering class majors in biology, physics, chemistry, or computer science. The other most popular majors are business administration, psychology, music, art, and English.

Minimum qualifications for first-time freshman or transfer applicants with less than 30 college credit hours
- High school GPA of 2.50
- ACT of 20 or equivalent SAT score of 950
- Leadership potential
- Community service
Vanderbilt University

Program name: Medical Technology
Program type: Medical Technology
Program length: 12 months
Degree or certification awarded: Certificate of completion
School or program website: www.mc.vanderbilt.edu/alliedhealth/
Address (including county): Vanderbilt University Medical Center, 4605 TVC 1161 21st Avenue South Nashville, TN 37232-5310 (Davidson)
Contact for information: Maralie Exton, Director
Phone number: (615) 322-6940
Email address: maralie.exton@vanderbilt.edu
Articulation agreement: Meharry Medical College, Middle Tennessee State University, Trevecca University
Educational transcript review procedures for transferring or returning students: Official transcripts must be sent to Admissions Office or Allied Health Office for review.
Allowable substitution coursework or experience: Substitution coursework will be determined based on individual transcript review.
Prerequisites for entry into the program:
Applicants must either possess or be eligible to receive a baccalaureate degree from a college or university at the time of completion of the clinical year in the Medical Technology Program. Individuals who are considered eligible are required to have a minimum of three years (90 semester or 136 quarter hours) of college credits. The three-year applicant must submit verification that all academic requirements for graduation have been met at an accredited college or university. After successful completion of the clinical year, the student will be awarded a baccalaureate degree from the accredited college or university and receive a certificate of completion from Vanderbilt University Medical Center Programs in Allied Health.

Individuals from any accredited college or university who meet the minimum academic requirements are eligible for admission into the program. Applications should be submitted prior to January 1 to assure sufficient time for processing information and scheduling of an interview. If you have missed the deadline and you are still interested, please send your application in as quickly as possible. Late applications will be handled on a case-by-case basis.

Applicants must submit the following:
• Completed program application (which may be downloaded from the website or completed online through the link found on the application page)
• Official transcripts from all universities and colleges attended
• A list of courses in progress or to be completed prior to the June admission date.

Three references with a minimum of two from current or previous faculty and one from an employer or individual familiar with the applicant’s character. These may be submitted on an evaluation form or on a pre-professional evaluation from the department faculty or a letter of reference.
Volunteer State Community College

Program name: Medical Laboratory Technology
Program type: Clinical Laboratory Services
Program length: Three semesters
Degree or certification awarded: A.A.S. Medical Laboratory Technology
School or program website: www.volstate.edu
Address (including county): 1480 Nashville Pike Gallatin, TN 37066-3188 (Sumner)
Contact for information: Medical Laboratory Technology Program
Phone number: (615) 230-3333
Email address: Not available
Articulation agreement: None
Educational transcript review procedures for transferring or returning students: Not available
Allowable substitution coursework or experience: Not available
Prerequisites for entry into the program:
Admission to the program is limited and on a competitive basis. Application deadline is April 15 of each year. Class selection is completed in May from applicants who complete all prerequisites with a cumulative GPA 2.0 or better. Once students are admitted to the program, three consecutive semesters of intensive full-time study are required for graduation.
TENNESSEE TECHNOLOGY CENTER, NASHVILLE

Program name: Phlebotomy
Program type: Medical Laboratory Technology
Program length: Six months or two quarters, 648 clock hours
Degree or certification awarded: Certificate, Phlebotomy
School or program website: www.nashville.tec.tn.us
Address (including county): Tennessee Technology Center at Nashville
100 White Bridge Road
Nashville, TN 37209 (Davidson)
Contact for information: Mary Armbrecht, Instructor
Phone number: (615) 741-1241
Email address: MArmbrecht@nashville.tec.tn.us
Articulation agreement: None
Educational transcript review procedures for transferring or returning students: Not available.
Allowable substitution coursework or experience: Not available.
Prerequisites for entry into the program:
Application: Interested persons may apply at any time. Applicants who complete requirements specified below will be placed on a waiting list and contacted by letter regarding enrollment in the program.
• Age: 18 years of age or older
• Education: H. S. transcript or GED scores
• Basic Skills Test: Reading and Language usage = 9.5 grade level (Remediation is available in Technology Foundations Center)
• Health: Proof of rubella immunity, proof of varicella immunity, negative TB skin test or chest x-ray, hepatitis B vaccine (not required, but highly recommended)
Dental Hygiene

TENNESSEE STATE UNIVERSITY

Program name: Dental Hygiene
Program type: Dental
Program length: Two+ years
Degree or certification awarded: A.A.S., B.S. Dental Hygiene
School or program website: www.tnstate.edu
Address (including county): 3500 John A. Merritt Blvd.
Nashville, TN 37209 (Davidson)
Contact for information: Carla Newbern, Department of Dental Hygiene
Phone number: (615) 963-5843 or (615) 963-5801
Email address: cnewbern@tnstate.edu
Articulation agreement: None
Educational transcript review procedures for transferring or returning students:
Official transcripts must be sent to Admissions or Dental Hygiene Office for review.
Allowable substitution coursework or experience:
Substitution coursework will be determined based on individual transcript review.
Prerequisites for entry into the program:
Students must be accepted into the university and be advised by the Dental Hygiene Department faculty to assure they are completing the required courses for the A.A.S. and B.S. degree programs.

All high school and college deficiencies and developmental and remedial courses and prerequisite courses must be completed before admission to the A.A.S. and B.S. degree programs. Students are admitted on a space available basis.

- One year of high school or one semester of college chemistry with a lab (CHEM 1000 and 1001), with grades of C or better.
- Human anatomy and physiology and microbiology/bacteriology courses must have been taken within the last five years of admission to the program.
- A minimum grade of C in each non-dental hygiene required course. Required courses with grades of D or F must be repeated and passed with a grade of C or higher before review for admission.
- Be officially admitted to the university and the dental hygiene major with all developmental/remedial requirements completed.
- Admissions preference will be given to TSU students.

*Anatomy and physiology and microbiology/bacteriology courses must have been taken within the last five years for admission into the program.*
**High Tech Institute**

Program name: Dental Assistant  
Program type: Dental  
Program length: 63 weeks  
Degree or certification awarded: Associate of Science, Dental Assistant  
School or program website: www.hightechinstitute.com  
Address (including county): 2710 Old Lebanon Road, Nashville, TN 37214 (Davidson)  
Contact for information: Submit request form on website or call for further information.  
Phone number: (800) 987-0110  
Email address: Submit email via website  
Articulation agreement: None  
Educational transcript review procedures for transferring or returning students: Official transcripts must be sent to Admissions Office for review.  
Allowable substitution coursework or experience: Substitution coursework will be determined based on individual transcript review.  
Prerequisites for entry into the program: Each course stands alone as a unit of study and is not dependent upon prerequisite training. A student may enter the program at the beginning of any course and continue through the sequence until completion of all courses.

**Remington College**

Program name: Dental Assisting  
Program type: Dental Assisting  
Program length: Eight months  
Degree or certification awarded: Diploma  
School or program website: www.remingtoncollege.com  
Address (including county): 441 Donelson Pike, Suite 150, Nashville, TN 37214 (Davidson)  
Contact for information: Admissions Office  
Phone number: (615) 889-5520  
Email address: Submit email via website  
Articulation agreement: None  
Educational transcript review procedures for transferring or returning students: Official transcripts must be sent to Admissions Office for review.  
Allowable substitution coursework or experience: Substitution coursework will be determined based on individual transcript review.  
Prerequisites for entry into the program: Contact Admissions Office
TENNESSEE TECHNOLOGY CENTER, DICKSON

Program name:
Dental Assistant

Program type:
Dental Services

Program length:
One year (1,296 hours)

Degree or certification awarded:
Certified Dental Assistant

School or program website:
www.dickson.tec.tn.us/

Address (including county):
740 Highway 46
Dickson, TN 37055
(Dickson)

Contact for information:
Laura Travis, Health Careers Coordinator

Phone number:
(615) 441-6220

Email address:
Ltravis@dickson.tec.tn.us

Articulation agreement:
None

Educational transcript review procedures for transferring or returning students:
Official transcripts must be sent to Admissions Office for review.

Allowable substitution coursework or experience:
Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:
All programs: Preference for admission is given to students who are residents of the State of Tennessee. The Technology Center training programs are designed to prepare students for specific technical careers. Prospective students are urged to submit an application to the front office, tour the department, and meet the instructor prior to enrollment. The minimum age for enrollment is 18, unless specified by other admissions standards. The NET test is required as part of the admissions process.

Additional Entrance Requirements for:
Practical nursing, surgical technology, and dental assisting students must attend an information session, have a high school or GED diploma, score a minimum on the NET, submit references, and successfully complete a thorough physical examination. The Departmental Advisory Committee reviews all applications for admission and recommends applicants for acceptance.
TENNESSEE TECHNOLOGY CENTER, MURFREESBORO

Program name: Dental Assistant
Program type: Dental Assisting Technology
Program length: One year

Degree or certification awarded: Certified Dental Assistant
School or program website: www.murfreesboro.tec.tn.us/
Address (including county): 1303 Old Fort Parkway
Murfreesboro, TN 37129 (Rutherford)
Contact for information: Suzanne Dowdle
Phone number: (615) 898-8010
Email address: Suzanne.Dowdle@murfreesboro.tec.tn.us
Articulation agreement: None

Educational transcript review procedures for transferring or returning students:
Official transcripts must be sent to Admissions Office for review.

Allowable substitution coursework or experience:
Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:
• Contact the center to obtain an application form.
• Complete the application and file it with the Student Services Office.
• Discuss primary vocational objectives with the counselor.
• Each student enrolling in a full-time program or Technology Foundation/GED Prep will undergo the Technology Foundations Assessment Program. If a student is found deficient in reading, writing, mathematics or study skills, he/she will attend the center’s Technology Foundations program as a part of the instructional day. This highly individualized activity is designed to assist the student in making satisfactory progress in his/her chosen program.
• Although neither a high school diploma nor a GED is required for admission, all students are encouraged to pursue such and will normally be enrolled in a GED preparation program while pursuing their vocation.
• To assist applicants with the selection of a suitable program, those enrolling without a high school diploma or GED may be referred for an ability to benefit test. Applicants will be notified of place, date and time of testing.

• REMEMBER TO APPLY EARLY! Some programs may have a waiting list due to high demand.

Specific requirements:
• Must be 18 years old or older.
• Must provide proof of high school diploma or GED.
• Must score a minimum of 84 on the California Achievement test.
• Must receive Hepatitis B vaccine series.
• Must receive medical/physical examination.
Volunteer State Community College

Program name: Dental Assistant Education Program

Program type: Dental

Program length: One year

Degree or certification awarded: Certificate Dental Assistant

School or program website: www.volstate.edu/

Address (including county): 1480 Nashville Pike, Gallatin, TN 37066-3188 (Sumner)

Contact for information: Desiree Sutphen, Dental Assistant Education Program

Phone number: (615) 230-3439 or (888) 335-8722, ext. 3439

Email address: desiree.sutphen@volstate.edu

Articulation agreement: None

Educational transcript review procedures for transferring or returning students: Not available

Allowable substitution coursework or experience: Not available

Prerequisites for entry into the program: Not available
Health Information Management

Tennessee State University

Program name: Health Information Management
Program type: Health Information
Program length: Four years
Degree or certification awarded: B.S. Health Information Management
School or program website: www.tnstate.edu
Address (including county): 3500 John A Merritt Blvd.
Nashville, TN, 37209 (Davidson)
Contact for information: Mrs. Elizabeth Kunnu, department head
Health Information Management
Phone number: (615) 963-7430
Email address: ekunnu@tnstate.edu
Articulation agreement: None

Educational transcript review procedures for transferring or returning students:
Official transcripts must be sent to Admissions Office for review.

Allowable substitution coursework or experience:
Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:
There are two options available to students interested in the HIM program. Option 1 is for freshman and transfer students. Option 2 is for students who have completed an associate degree in Health Information Technology. In addition to university admission criteria, the program admission requirements are:

- High school graduation with a minimum grade point average of 2.5 on a 4.0 scale or GED scores of 50 or above for the five subjects tested.
- A minimum composite test score of 19 on the ACT. (This may change according to university entrance requirements.)
- First-time freshmen are required to have successfully completed any remedial or developmental courses before consideration for unconditional admission into the HIM program.

Transfer Student
- Applications will be accepted from students transferring from other colleges or universities or other departments at Tennessee State University.
- Transfers, change-of-major, and continuing students are required to have successfully completed remedial or developmental courses before consideration for unconditional admission into the program.
- Applicants must have a minimum cumulative grade point average of 2.5 on a 4.0 scale.

Advanced Standing
- Those who have an associate degree in medical record/health information technology must have completed a minimum of 60 credit hours including directed practicum. These persons are required to complete general education requirements for a B.S. degree as well as management, sciences, other prerequisite courses for the program and all the 3000-4000 level courses as indicated in the curriculum.

Additional Requirements
- Submission of application to the program is due by June 30 for fall semester and December 1 for spring semester.
- Two letters of recommendation from persons (non-family members) who know the applicant.
- A personal interview by the Admission and Retention Committee or its designee.
- Responsible for transportation expenses and other costs relating to clinical experience and field trips.
- Responsible for a physical examination and malpractice insurance prior to professional practice rotations.

Students are encouraged to complete a minimum of 20 volunteer hours in Medical Record/Health Information Management Department prior to the first semester of enrollment. Students with work experience in HIM may provide written evidence from the health care facility.

Students are required to complete these courses ENGL 1010 and 1020 with minimum grades of C; three hours of college mathematics; HIST 2010 and 2020 or 3410; at least three hours of natural sciences; and nine hours in Humanities and/or Fine Art, including three hours of English Literature prior to their junior year, and to take the Rising Junior Examination for admissions to upper HIMA courses (2000-4000) level.

Criminal Background Check
A criminal background check may be a requirement at some affiliated clinical sites for training. Based on the results of these checks, an affiliated clinical site may determine to not allow your presence at their facility. This could result in your inability to successfully complete the requirements of this program. Additionally, a criminal background may preclude licensure or employment.
University of Phoenix, Nashville

Program name: Health Administration

Program type: Health Administration

Program length: Varies by Student

Degree or certification awarded: Bachelor of Science in Health Care Administration (B.S.H.A.)

School or program website: www.phoenix.edu/

Address (including county): 616 Marriott Drive, Suite 150
Nashville, TN 37214
(Davidson)
377 Riverside Drive, Suite 100
Franklin, TN 37065
(Williamson)

Contact for information: Admissions Office
Phone number: (615) 872-0188
Email address: Not available

Articulation agreement:
Agreement with Columbia State Community College

Educational transcript review procedures for transferring or returning students:
Official transcripts must be sent to Admissions Office for review.

Allowable substitution coursework or experience:
Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:
To enter a bachelor's degree program, you must have:

- Acceptance to University of Phoenix
- Completed the first year of Health Care Administration and Planning (B.S.H.A.) with a 2.5 grade point average on a 4.0 scale; consideration will be given to relevant work experience when considering applicants who fall below this requirement.
- Two letters of recommendation from people who have known the applicant for at least two years (time length will be waived for recommendations from employers).
- An interview by the admissions committee or an out-of-town agency designated by the committee.
- The specific program curriculum is available on the department Web site.

Tennessee State University

Program name: Health Administration (HCAP), and Health Sciences (HLSC)

Program type: Health Care Administration and Planning
Health Sciences

Program length: Four years

Degree or certification awarded: Separate Bachelor of Science (B.S.) for each program

School or program website: www.tnstate.edu/alhp

Address (including county): 3500 John A Merritt Blvd.
Nashville, TN, 37209
(Davidson)

Contact for information: Rosemary Theriot, Ed.D., MSPH, department head Health Administration and Health Sciences
Phone number: (615) 963-2151
Email address: rtheriot@tnstate.edu

Articulation agreement:
Agreement with Columbia State Community College

Educational transcript review procedures for transferring or returning students:
Official transcripts must be sent to Admissions Office for review.

Allowable substitution coursework or experience:
Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:
Applicants to both the Health Care Administration and Planning (HCAP) and Health Science (HLSC) programs are required to have:

- Acceptance to Tennessee State University
- Completed the first year of HCAP or HLSC curriculum with a 2.5 grade point average on a 4.0 scale; consideration will be given to relevant work experience when considering applicants who fall below this requirement.
- Two letters of recommendation from people who have known the applicant for at least two years (time length will be waived for recommendations from employers).
- An interview by the admissions committee or an out-of-town agency designated by the committee.
- The specific program curriculum is available on the department Web site.

As part of your admission, your prior coursework, elective classes, major studies, and credits awarded through the Assessment of Prior Learning or the College Level Examination Program (CLEP) will be considered for academic credit. If you have had professional training or have served in the military, you may be able to convert previous experience into academic credits.
University of Phoenix, Nashville

Program name: Health Administration
Program type: Health Administration
Program length: Varies by Student
Degree or certification awarded: Master of Business in Health Care Management (MBA/HCM)
School or program website: www.phoenix.edu/
Address (including county):
616 Marriott Drive, Suite 150
Nashville, TN 37214 (Davidson)
377 Riverside Drive, Suite 100
Franklin, TN 37065 (Williamson)
Contact for information: Admissions Office
Phone number: (615) 872-0188
Email address: Not available
Articulation agreement: None
Educational transcript review procedures for transferring or returning students: Official transcripts must be sent to Admissions Office for review.
Allowable substitution coursework or experience: Substitution coursework will be determined based on individual transcript review.
Prerequisites for entry into the program:
To enter a program, you must have a high school diploma or equivalent, be at least 21 years of age, and be employed. If you are not employed, you must have access to an organizational environment that allows you to apply the concepts you learn in our courses.

As part of your admission, your prior coursework, elective classes, major studies, and credits awarded through the Assessment of Prior Learning or the College Level Examination Program (CLEP) will be considered for academic credit. If you have had professional training or have served in the military, you may be able to convert previous experience into academic credits.
**Draughons Junior College**

Program name: Health Information Technology

Program type: Health Information Technology

Program length: 12 months – two years

Degree or certification awarded: Diploma

School or program website: www.draughons.edu

Address (including county): 340 Plus Park Blvd
Nashville, TN 37217
(Davidson)

Contact for information: Admissions Office

Phone number: (615) 361-7555

Email address: admissions@draughons.org

Articulation agreement: None

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to Admissions Office for review.

Allowable substitution coursework or experience:

Draughons Junior College will transfer up to 36 semester hours of credits toward a degree and 18 semester hours toward a diploma from any accredited two or four year institution as long as (1) the course is equivalent in content to a course offered by Draughons Junior College; (2) the number of credit hours awarded equals or exceeds the number awarded for the equivalent course; (3) the student earned a grade of “C” or better; (4) the student earned the credits prior to enrolling at Draughons Junior College; (5) the student moves out of state or out of commuting distance and was near the completion of the program of study at the time of the move. At the time of the student’s graduation from Draughons, the transfer grades will be averaged into the final grade point average. Transfer credits earned in courses not corresponding with the curriculum of Draughons Junior College may be entered on the student’s transcript as elective credits but will not be included in the final grade point average.

Prerequisites for entry into the program:

Students applying for admission to Draughons Junior College are required to have a high school diploma or to have satisfied graduation requirements through the General Educational Development (GED) test to be considered for admission. All prospective students must take an assessment with the exception of those who have a composite score of 18 on the ACT or who have transfer credit in English or mathematics.

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**Volunteer State Community College**

Program name: Health Information Technology

Program type: Health Information Services

Program length: Two years

Degree or certification awarded: A.A.S. Health Information Technology

School or program website: www.volstate.edu/

Address (including county): 1480 Nashville Pike
Gallatin, TN, 37066-3188
(Sumner)

Contact for information: Lois Knobeloch, Program Director

Phone number: (615) 230-3337 or (888) 335-8722, ext. 3337

Email address: Lois.Knobeloch@volstate.edu

Articulation agreement: None

Educational transcript review procedures for transferring or returning students:

Transcripts must be sent to admissions/records for review.

Allowable substitution coursework or experience:

AHIMA Independent Study coursework – credit given.

Prerequisites for entry into the program:

- You must submit an application and be accepted
- Complete an application to the Health Information Technology program

Application deadline is August 1 of each year.
**National College of Business and Technology**

**Program name:** Medical Transcription  
**Program type:** Health Information Services  
**Program length:** Two years  
**Degree or certification awarded:** Diploma – Medical Transcription  
**School or program website:** www.nationalbusiness.edu/  
**Address (including county):**  
3748 Nolensville Pike  
Nashville, TN 37211  
(Davidson)  
**Contact for information:** Admissions Office  
**Phone number:** (615) 333-3344  
**Email address:** Contact via online form on website  
**Articulation agreement:** None  
**Educational transcript review procedures for transferring or returning students:**  
Official transcripts must be sent to Admissions Office for review.  
**Allowable substitution coursework or experience:** Substitution coursework will be determined based on individual transcript review.  
**Prerequisites for entry into the program:**  
Graduation from high school is a minimum requirement for admission to National. Those who have satisfied graduation requirements through the General Education Development (GED) Test are also eligible for admission.

In addition to the above requirements, those who enroll in the Medical Assisting program will be required to take a physical during their first quarter of attendance. Cost of the physical is the responsibility of the student.

**Tennessee Career College**

**Program name:** Medical Transcription  
**Program type:** Health Information Services  
**Program length:** Nine months  
**Degree or certification awarded:** Certificate  
**School or program website:** www.tennesseecareercollege.com/  
**Address (including county):**  
443 Donelson Pike  
Nashville, Tennessee 37214  
(Davidson)  
**Contact for information:** Admissions Office  
**Phone number:** (615) 874-0774  
**Email address:** Email via online form on website  
**Articulation agreement:** None  
**Educational transcript review procedures for transferring or returning students:**  
Official transcripts must be sent to Admissions Office for review.  
**Allowable substitution coursework or experience:** Substitution coursework will be determined based on individual transcript review.  
**Prerequisites for entry into the program:**  
A high school diploma or GED is required for admission to all programs. No other prior degree or training is required for admission. To be admitted, an applicant must visit and tour the school and be interviewed by an admissions representative. If the applicant meets the minimum enrollment criteria for the desired program, the applicant is eligible to complete the enrollment agreement, pay the registration fee, and be accepted in writing by a school official. Contact TCC Admissions to set up a school visit or to find out more.
**High Tech Institute**

**Program name:**
Medical Billing and Coding

**Program type:**
Medical Billing and Coding

**Program length:**
63 weeks

**Degree or certification awarded:**
Associate of Applied Science (A.A.S.)

**School or program website:**
www.hightechinstitute.com

**Address (including county):**
2710 Old Lebanon Road
Nashville, TN 37214
(Davidson)

**Contact for information:**
Submit request form on website or call for further information.

**Phone number:**
(800) 987-0110 or (615) 232-3700

**Email address:**
Submit via website.

**Articulation agreement:**
None

**Educational transcript review procedures for transferring or returning students:**
Official transcripts must be sent to Admissions Office for review.

**Allowable substitution coursework or experience:**
Substitution coursework will be determined based on individual transcript review.

**Prerequisites for entry into the program:**
Each course stands alone as a unit of study and is not dependent upon prerequisite training. A student may enter the program at the beginning of any course and continue through the sequence until completion of all courses.

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**National College of Business and Technology**

**Program name:**
Medical Billing and Coding

**Program type:**
Health Information Services

**Program length:**
Two years

**Degree or certification awarded:**
Diploma – Medical Billing and Coding

**School or program website:**
www.nationalbusiness.edu/

**Address (including county):**
3748 Nolensville Pike
Nashville, TN 37211
(Davidson)

**Contact for information:**
Admissions Office

**Phone number:**
(615) 333-3344

**Email address:**
Submit via form on website

**Articulation agreement:**
None

**Educational transcript review procedures for transferring or returning students:**
Official transcripts must be sent to Admissions Office for review.

**Allowable substitution coursework or experience:**
Substitution coursework will be determined based on individual transcript review.

**Prerequisites for entry into the program:**
Graduation from high school is a minimum requirement for admission to National. Those who have satisfied graduation requirements through the General Education Development (GED) Test are also eligible for admission.

In addition to the above requirements, those who enroll in the *Medical Assisting* program will be required to take a physical during their first quarter of attendance. Cost of the physical is the responsibility of the student.
TENNESSEE CAREER COLLEGE

Program name: Medical Coding
Program type: Health Information Services
Program length: Nine months
Degree or certification awarded: Certificate
School or program website: www.tennesseecareercollege.com/
Address (including county): 443 Donelson Pike
Nashville, Tennessee 37214 (Davidson)
Contact for information: Admissions Office
Phone number: (615) 874-0774
Email address: Submit e-mail via website
Articulation agreement: None
Educational transcript review procedures for transferring or returning students: Official transcripts must be sent to Admissions Office for review.
Allowable substitution coursework or experience: Substitution coursework will be determined based on individual transcript review.
Prerequisites for entry into the program: Admission Requirements for all Programs
A high school diploma or GED is required for admission to all programs. No other prior degree or training is required for admission. To be admitted, an applicant must visit and tour the school and be interviewed by an admissions representative. If the applicant meets the minimum enrollment criteria for the desired program, the applicant is eligible to complete the enrollment agreement, pay the registration fee, and be accepted in writing by a school official. Contact TCC Admissions to set up a school visit or to find out more.
Volunteer State Community College

Program name: EMT Basic
Program type: Emergency Medical
Program length: Two semesters
Degree or certification awarded: Certificate Emergency Medical Technician - Basic
School or program website: www.volstate.edu/
Address (including county): 1480 Nashville Pike, Gallatin, TN 37066-3188 (Sumner)
Contact for information: Ric Collier, EMT Education Program Office
Phone number: (615) 230-3346
Email address: ric.collier@volstate.edu
Articulation agreement: None
Educational transcript review procedures for transferring or returning students: Not available
Allowable substitution coursework or experience: Not available
Prerequisites for entry into the program:
This program is open to all students making application to the college and paying all appropriate application fees. Students MUST be 18 years old and possess a high school diploma or GED, demonstrate the ability to read and write the English language, and have no history of prior felony convictions. Students should be physically able to perform heavy lifting or strenuous activity for extended periods of time and must demonstrate the ability to perform these tasks during classroom and clinical periods. To graduate with the Basic EMT Certificate, the student MUST complete all required courses and clinical components with a "C" average or better. Students must also verify licensure eligibility and submit the necessary graduation application forms.
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Reference: Tennessee Higher Education Commission, Academic Affairs
### Inventory of Public Health and Related Offerings

**Tennessee Public Institutions Only**

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<td>Dentistry (DDS, DMD)</td>
<td>UTMHSC</td>
</tr>
<tr>
<td>Dental Clinical Sciences, General (MS, PhD)</td>
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</tr>
<tr>
<td>Dental Assisting/Assistant</td>
<td>NSTCC VS CC TTC Chattanooga TTC Knoxville TTC Memphis</td>
</tr>
<tr>
<td>Dental Hygiene/Hygienist</td>
<td>CSTCC RSCC TSU ETSU UTMHSC</td>
</tr>
<tr>
<td>Health/Health Care Administration/Management</td>
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</tr>
<tr>
<td>Hospital and Health Care Facilities Administration/Management</td>
<td>UoM</td>
</tr>
<tr>
<td>Health Information/Medical Records Administration/Administrator</td>
<td>TSU UTC UTMHSC</td>
</tr>
<tr>
<td>Health Information/Medical Records Technology/Technician</td>
<td>WSCC DSCC CSTCC RSCC VSCC</td>
</tr>
<tr>
<td>Medical Transcription/Transcriptionist</td>
<td>RSCC WSCC DSCC</td>
</tr>
<tr>
<td>Medical Insurance Coding Specialist/Coder</td>
<td>WSCC</td>
</tr>
<tr>
<td>Occupational Therapist Assistant</td>
<td>JSCC NSCC RSCC</td>
</tr>
<tr>
<td>Pharmacy Technician/Assistant</td>
<td>WSCC CSTCC STCC RSCC VSCC WSCC</td>
</tr>
<tr>
<td>Physical Therapist Assistant</td>
<td>CSTCC JSCC RSCC VSCC WSCC</td>
</tr>
<tr>
<td>Veterinary/Animal Health Technology/Technician and Vet Asst.</td>
<td>CSTCC COSCC</td>
</tr>
<tr>
<td>Emergency Medical Technology/Technician (EMT Paramedic)</td>
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</tr>
<tr>
<td>Clinical/Medical Laboratory Technician</td>
<td>JSCC STCC VSCC</td>
</tr>
<tr>
<td>Clinical Laboratory Science/Medical Technology/Technologist</td>
<td>TSU APSU UTC UTK UTMHSC</td>
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</tbody>
</table>

**List of Institutions:**
- APSU
- MTSU
- NSCC
- ETSU
- UTMHSC
- UTK
- TSU
- TTU
- UoM
- UTC
- UTM
<table>
<thead>
<tr>
<th>CIPTITLE</th>
<th>Academic Program Offerings: TN Public Postsecondary Institutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medicine (MD).</td>
<td>ETSU</td>
</tr>
<tr>
<td>Substance Abuse/Addiction Counseling.</td>
<td>STCC</td>
</tr>
<tr>
<td>Nursing/Registered Nurse (RN, ASN, BSN, MSN).</td>
<td>*</td>
</tr>
<tr>
<td>Nursing Administration (MSN, MS, PhD).</td>
<td>UTK</td>
</tr>
<tr>
<td>Adult Health Nurse/Nursing.</td>
<td>UTK</td>
</tr>
<tr>
<td>Family Practice Nurse/Nurse Practitioner.</td>
<td>UTK</td>
</tr>
<tr>
<td>Nursing Science (MS, PhD).</td>
<td>ETSU</td>
</tr>
<tr>
<td>Psychiatric/Mental Health Nurse/Nursing.</td>
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</tr>
<tr>
<td>Licensed Practical/Vocational Nursing</td>
<td>All TTCs</td>
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<tr>
<td>Nurse/Nursing Asst/Aide and Patient Care Assistant</td>
<td>Crossville</td>
</tr>
<tr>
<td>Nurse/Nursing Asst/Aide and Patient Care Assistant</td>
<td>Morristown</td>
</tr>
<tr>
<td>Pharmacy (PharmD [USA], PharmD or BS/BPharm [Canada]).</td>
<td>ETSU</td>
</tr>
<tr>
<td>Public Health, General (MPH, DPH).</td>
<td>ETSU</td>
</tr>
<tr>
<td>Environmental Health.</td>
<td>RSCC</td>
</tr>
<tr>
<td>Public Health, Other.</td>
<td>UTK</td>
</tr>
<tr>
<td>Occupational Therapy/Therapist.</td>
<td>TSU</td>
</tr>
<tr>
<td>Physical Therapy/Therapist.</td>
<td>UTC</td>
</tr>
<tr>
<td>Veterinary Medicine (DVM).</td>
<td>UTK</td>
</tr>
<tr>
<td>Medical Informatics</td>
<td>UTMHSC</td>
</tr>
<tr>
<td>Clinical Nutrition</td>
<td>ETSU</td>
</tr>
<tr>
<td>Dietitian Assistant</td>
<td>STCC</td>
</tr>
</tbody>
</table>

Comments

* Nursing AAS programs offered at all community colleges except Nashville, Pellissippi and Volunteer.
** Tennessee State University also offers a Nursing AAS program.
** Nursing BSN programs offered at all public universities

Reference: Tennessee Higher Education Commission, Academic Affairs
<table>
<thead>
<tr>
<th>CIPTITLE</th>
<th>Academic Program Offerings: TN Private Postsecondary Institutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health Teacher Education</td>
<td>Bethel</td>
</tr>
<tr>
<td>Sign Language Interpretation and</td>
<td>Maryville</td>
</tr>
<tr>
<td>Biomedical Sciences</td>
<td>Christian Brothers, Meharry, Vanderbilt</td>
</tr>
<tr>
<td>Social Work</td>
<td>Belmont, LeMoyne-Owen, Lipscomb, Southern Adventist, Trevecca Nazerene, Union</td>
</tr>
<tr>
<td>Dentistry (DDS, DMD).</td>
<td>Meharry</td>
</tr>
<tr>
<td>Health/Health Care Administration/Management.</td>
<td>Baptist College of Health Sciences, Maryville</td>
</tr>
<tr>
<td>Health Information/Medical Records Administration/Administrator.</td>
<td>Belmont, Freed-Hardeman, Lincoln Memorial, Southern Adventist, Trevecca Nazerene, Tusculum</td>
</tr>
<tr>
<td>Veterinary/Animal Health Technology/Technician and Vet Asst.</td>
<td>Lincoln Memorial</td>
</tr>
<tr>
<td>Medicine (MD).</td>
<td>Meharry, Vanderbilt</td>
</tr>
<tr>
<td>Nursing/Registered Nurse (RN, ASN, BSN, MSN).</td>
<td>Aquinas, Baptist College of Health Sciences, Belmont, Carson-Newman, Cumberland, Freed-Hardeman, Hiwasse, Lincoln Memorial</td>
</tr>
<tr>
<td>Nursing/Registered Nurse (RN, ASN, BSN, MSN).</td>
<td>Martin Methodist, Milligan, Southern Adventist, TN Wesleyan, Treveca Nazerene, Union</td>
</tr>
<tr>
<td>Pharmacy (PharmD [USA], PharmD or BS/BPharm [Canada])</td>
<td>Lipscomb *</td>
</tr>
<tr>
<td>Pharmacy, Pharmaceutical Sciences, and Administration, Other.</td>
<td>Belmont</td>
</tr>
<tr>
<td>Public Health, General (MPH, DPH).</td>
<td>Meharry</td>
</tr>
<tr>
<td>Health/Medical Physics</td>
<td>Belmont</td>
</tr>
<tr>
<td>Medical Informatics</td>
<td>Belmont</td>
</tr>
</tbody>
</table>

**Comments**

* Effective Fall 2008

Reference: Tennessee Higher Education Commission, Academic Affairs
LABOR MARKET
Therapeutic

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- Occupational Therapy and Occupational Therapy Assistant, 184-1186
- Athletic Training, 186
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- Speech-Language Pathology, Speech-Language Pathology Assistant and Aides, Audiologists, 187-189
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- Wage Estimates, 220-221
- THA Hospital Vacancies 2005 Provisional JAR Data and 2004 Comparison, 222
- 2004 Hospital Vacancy Data, 222-225
- 2005 Tennessee Nursing Profiles, 226
I. Rehabilitation Professions

Rehabilitation professions include Physical Therapy and Physical Therapy Assistant; Occupational Therapy and Occupational Therapy Assistant; Athletic Training; Recreational Therapy; Speech-Language Pathology and Speech-Language Pathology Aides and Audiology; Respiratory Therapy and Respiratory Therapy Technician; Dietitian and Dietetic Technician.

Status

Tennessee demonstrates a shortage of respiratory therapists. The supply continues to fall below the annual demand.

In Tennessee, the supply and demand for occupational therapists is roughly in balance; the supply of occupational therapist assistants exceeds the demand.

Supply and demand is nearing a balance for both physical therapists and physical therapist assistants, although conversion to the Doctor of Physical Therapy degree may change the supply/demand ratio.

The supply of audiologists is likely to grow faster than the demand, but the demand for speech-language pathologists is likely to increase, according to Bureau of Labor Statistics (BLS) data. Tennessee continues to employ speech-language pathologists (SLP) at a lower rate than the nation.

Description

The therapy occupations share a common set of duties and responsibilities, all revolving around the treatment and rehabilitation of patients. Specifically, therapy professionals treat and rehabilitate patients with physical and mental disabilities or disorders; develop or restore functions; prevent loss of physical capacities; and maintain optimum performance.

Practitioners in these occupations use a wide variety of different treatment modalities. In physical and respiratory therapy, these treatments include exercise, massage, heat, light, water, electricity, and specific therapeutic apparatuses. Therapists may participate in medically oriented rehabilitative programs including educational, occupational, and recreational activities.

The medical therapy occupations include audiology, speech pathology, occupational therapy, physical therapy, occupational therapy assisting, physical therapist assisting, respiratory therapy, respiratory therapy technician, and athletic training.

For the purposes of this section, these occupations are grouped as follows:
A. Physical therapists and physical therapist assistants;
B. Occupational therapists and occupational therapy assistants;
C. Athletic training;
D. Recreational therapists;
E. Speech-language pathologists and aides and audiologists;
F. Respiratory (care) therapists and respiratory therapy technicians;
G. Dietitian and dietetic technician.

The therapy occupations share a common set of duties and responsibilities, all revolving around the treatment and rehabilitation of patients.
A. Physical Therapy and Physical Therapy Assistant

National Supply and Demand
Bureau of Labor Statistics (BLS) data for 2000 indicates that physical therapists held about 132,000 jobs nationally, with almost two-thirds of them being in hospitals or physical therapist’s offices. One in four physical therapists worked part-time. The number of jobs is greater than the number of practicing physical therapists because some physical therapists hold two or more jobs. For example, some may work in a private practice but also work part time in another health facility.

The Balanced Budget Amendment of 1997 has resulted in cutbacks in physical therapists’ hours in skilled nursing facilities and home health care. The change in reimbursement regulations has slowed the demand for physical therapists, resulting in a moderation of the earlier predictions of long-term shortages.

Reimbursement issues and the proliferation of physical therapy programs are part of the formula used by the American Physical Therapy Association (APTA) to predict the surplus. In 2003, there were 204 accredited physical therapy programs with an additional 7 under development and 247 accredited physical therapy assistant programs. This is a significant increase from 143 total programs in 1991 and only 48 in 1970 (APTA). The number of physical therapists grows at an annual rate of 5%; however, the conversion to the D.P.T. may result in fewer graduates per year.

Even with these changes, physical therapy still offers very good job opportunities nationwide and employment is expected to increase faster than the average. According to the BLS Occupational Outlook Handbook, the elderly population, which has a high rate of illness and disabilities that require therapeutic intervention, continues to grow. The baby boomers are entering the stage of life where heart attacks and stroke often occur. In addition to clinical work, many therapists are increasingly taking on supervisory roles.

Regional Supply and Demand
The Health Professions Education Directory, published by the American Medical Association, lists 57 accredited physical therapy programs in the Southern Regional Education Board (SREB) region in 2003. Nationwide, physical therapy programs have shifted from bachelor’s level to master’s level training. One hundred forty programs now offer the master’s degree in physical therapy (M.S./M.P.T.), and 64 programs offer the Doctor in Physical Therapy (D.P.T.). Tennessee is also following this trend.

<table>
<thead>
<tr>
<th>TABLE 2.1</th>
<th>Accredited Physical Therapy Programs in SREB and U.S.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SREB</td>
<td>41</td>
</tr>
<tr>
<td>U.S.</td>
<td>142</td>
</tr>
</tbody>
</table>


A review of APTA 2003 data indicates that the SREB region sponsors 58 master’s and three D.P.T. accredited programs, or 28% of the nation’s physical therapy programs and 34% of the nation’s physical therapy assistant programs. The ratio of physical therapist assistant to physical therapist remains higher than other regions in the country.
State Supply and Demand
The Tennessee Department of Employment Security defines supply as the number of graduates from public institutions and demand as the average annual openings. Using these definitions, a comparison of data from 1993 to 1996 indicated an undersupply in physical therapists and physical therapy assistants, prompting programs in Tennessee to increase class size and initiate new programs.

Information from the American Physical Therapy Association (APTA) indicates that the market for physical therapists in Tennessee has tightened; although there is still room for growth, the gap between supply and demand has been reduced. The APTA issued a position paper stating that the organization “recommends against the development of new physical therapist and physical therapist assistant education programs and the expansion of existing programs until June 2002” (PT Bulletin, July 5, 1999).

The move to the master’s or doctorate programs has resulted in fewer graduates during the transition from 187 graduates in 2000 to 97 in 2002. These changes have served to balance the supply with decreased demand.

TABLE 2.2
Licensed Physical Therapists and Physical Therapy Assistants

<table>
<thead>
<tr>
<th></th>
<th>2000</th>
<th>2001</th>
<th>2002</th>
</tr>
</thead>
<tbody>
<tr>
<td>Licensed Physical Therapist</td>
<td>3,263</td>
<td>3,304</td>
<td>3,409</td>
</tr>
<tr>
<td>Licensed Physical Therapist Assistants</td>
<td>1,746</td>
<td>1,772</td>
<td>1,828</td>
</tr>
</tbody>
</table>

Source: TN Dept of Labor and Workforce Development, Employment Securities Division, Research and Statistics Section. “Number Licensed” are the number holding active licenses on Dec. 31 of the year.

In Tennessee, there are four accredited physical therapy programs, three state institutions and one private. Tennessee State University’s program is under review for accreditation. The University of Tennessee at Chattanooga, University of Tennessee Health Science Center in Memphis, and East Tennessee State University offer doctoral programs in physical therapy (D.P.T.). Students may gain acceptance into the program after completing the prerequisites. Belmont University is the only private institution in the state that offers a doctoral degree in physical therapy (D.P.T.). These programs last between 30 and 36 months. The maximum capacity for these programs in Tennessee is 146 students per year. The number of graduates for 2001-02 declined by 48% due to a reduction in the number of applicants and the conversion of the programs to the D.P.T.

TABLE 2.3
Tennessee PT/PTA Graduates

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Therapist</td>
<td>38</td>
<td>46</td>
<td>51</td>
<td>84</td>
<td>93</td>
<td>133</td>
<td>130</td>
<td>187</td>
<td>97</td>
</tr>
<tr>
<td>Physical Therapist Assistant</td>
<td>58</td>
<td>49</td>
<td>69</td>
<td>80</td>
<td>111</td>
<td>138</td>
<td>121</td>
<td>150</td>
<td>59</td>
</tr>
</tbody>
</table>


There are seven physical therapist assistant programs in Tennessee. Programs are located at Chattanooga State Technical Community College, Jackson State Community College, Roane State Community College, South College in Knoxville, Southwest Tennessee Community College, Volunteer State Community College, and Walters State Community College. All offer either an A.A.S. or A.S. degree and last between 18 and 24 months. The number of graduates from PTA programs declined due to decreased student and workplace demand.

Summary
In December 2002 there were 3,409 licensed physical therapists in Tennessee. In 2000, there were 2,320 estimated physical therapy positions in Tennessee. In 2010, that number is projected to be 2,880 with a 2.0% growth rate and 60 average annual job openings. The average 10-year openings for physical therapists are about 560. The
number of graduates matches the number of annual openings in Tennessee in 2003. Although the number of graduates may balance the number of new openings, there are nearly 1,100 more PTs than there are existing positions reflecting professionals who maintain current licensure but are not in the current workforce or who may be practicing in adjacent states.

The supply and demand for physical therapy assistants is nearing a balance, with the number of annual openings matching the number of graduates. In 2000, there were approximately 1,400 physical therapy assistant positions. There were 1,828 licensed physical therapy assistants in 2002. The number of physical therapy assistants is projected to be 1,830 in 2010 with a 3.0% growth rate and 40 average job openings annually. The average 10-year openings for physical therapist assistants are about 440. The outlook grading system for clusters of occupations in “The Source,” Tennessee Department of Labor and Workforce Development, grades both physical therapy and physical therapy assisting as competitive (grade D) meaning there are fewer job openings than there are trainees.

B. Occupational Therapy and Occupational Therapy Assistant

**National Supply and Demand**

Occupational therapists work in a variety of settings. Bureau of Labor Statistics (BLS) data show that there were approximately 78,000 jobs nationally for occupational therapists in 2000. More than one-third of occupational therapists work part-time. The largest number of jobs was in hospitals, including many in rehabilitation and psychiatric hospitals. Other major employers include offices and clinics of occupational therapists and other practitioners, school systems, home health care services, nursing homes, community mental health centers, adult day care programs, job training services, and residential care facilities. In 2000, one in six occupational therapists held more than one job.

Occupational therapy assistants and aides are projected to be among the 10 fastest growing occupations nationwide; however, only a small number of job openings will occur because the occupation is small. In 2000, occupational therapy assistants held 17,000 jobs and aides held 8,500 jobs. Over 30% worked in hospitals and about 20% worked in nursing and personal care facilities. About 25% worked primarily in offices of occupational therapists. The remainder worked in the offices and clinics of physicians, social service agencies, outpatient rehabilitation centers, and home health agencies.

In 1999, entry-level education was offered in 88 bachelor’s degree programs, 11 post-bachelor certificate programs for students with degrees other than occupational therapy, 53 entry-level master’s degree programs, 19 combined bachelor’s and master’s degrees programs, and 2 entry-level doctoral degree programs. The trend is to convert bachelor’s degree programs to the post-baccalaureate level. The professional organization, the American Occupational Therapy Association (AOTA), passed a resolution that calls for the essential installation of a post-baccalaureate entry-level requirement for professional OT practice.

In 2003, there were 159 accredited occupational therapy programs and 169 occupational therapy assistant programs nationally. This is compared to 98 occupational therapy programs and 108 occupational therapy assistant programs in 1995.

The outlook for employment as an occupational therapist is good, according to the Bureau of Labor Statistics, due to the medical advances which make it possible for patients with critical problems to survive. Employment is projected to increase faster than the average. Due to industry growth and more intensive care, hospitals will

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**Salary Information**

Salary information can be found on pages 220 and 221.
continue to employ a large number of occupational therapists to staff their growing health care and outpatient rehabilitation programs.

**Regional Supply and Demand**
In 2003 there were 53 active, accredited OT programs in the SREB region. This represented 33% of all programs in the nation (159 accredited programs). Historically, the number of graduates from the SREB region represents greater than 26% of the nation’s graduates in this field.

**State Supply and Demand**
In 1996, there were 855 occupational therapist positions in Tennessee. In 2000, the estimated employment was 1,380. The projected employment in 2010 is 1,730 with a growth rate of 2.3% and 40 average annual openings. The number of average 10-year openings is 350 openings. Licensure information for occupational therapists and occupational therapist assistants is available in Table 2.4.

The same pattern is true for occupational therapist assistants. In 1996, there were 292 positions. In 2000, the estimated employment was 290. The projected employment for occupational therapist assistants in 2010 is 390, which represents a growth rate of 3.1%. The number of average annual openings is 10+ and the average 10-year openings are 110. Licensure information is available in Table 2.4.

**TABLE 2.4**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Occupational Therapists</td>
<td>1,287</td>
<td>1,321</td>
<td>1,401</td>
<td>63</td>
<td>86</td>
</tr>
<tr>
<td>Occupational Therapist Assistants</td>
<td>595</td>
<td>623</td>
<td>626</td>
<td>41</td>
<td>8</td>
</tr>
</tbody>
</table>


Tennessee currently has five professional occupational therapy programs. Belmont University offers an M.S. degree and Milligan College offers an M.O.T. (master’s of occupational therapy). These programs last between 30 and 33 months. Tennessee State University, University of Tennessee at Chattanooga, and University of Tennessee Health Science Center offer bachelor’s degrees, and these programs last between 24 and 26 months. The program at University of Tennessee at Chattanooga has been put on notice for closure due to financial cutbacks. The University of Tennessee Health Science Center program is being converted to a master’s entry-level program.

Cleveland State Community College, Roane State Community College, Nashville State Technical Institute, and South College all offer occupational therapy assistant programs, graduating 38 occupational therapy assistants annually. All offer either A.A.S. or A.S. degrees that last between 20 and 24 months.

Programs preparing occupational therapist assistants combined with in-migration are meeting workforce needs in Tennessee as projected by the OIS. A 1996 study commissioned by the American Occupational Therapy Association indicated that there is a low vacancy rate both nationally and statewide for occupational therapists and no workforce shortages are predicted for the near future. The Tennessee Department of Labor grades OT as B, demand is equal to or greater than supply, and OTA as C, supply somewhat greater than demand.

**Summary**
The demand for occupational therapy providers has steadily increased over the years. Rehabilitative and long-term care needs are projected to grow due to the aging population, increased chronic debilitating conditions, federal
legislation supporting expanded services to the disabled, and increased survival rates for trauma victims and low birth weight infants.

Future growth of this health care specialty will be determined by mental health insurance coverage, the availability of publicly sponsored programs, and the evolution of treatment modalities. However, unless occupational therapy can be established as facilitating early discharge of patients, the services could be vulnerable to funding cuts if facility-operating margins continue to be threatened. Changes in reimbursement for rehabilitation in long-term care facilities have also reduced demand in this sector.

C. Athletic Training

National Supply and Demand
According to the National Athletic Trainer’s Association, (NATA) there are more than 28,166 members with 22,389 certified members nationwide. In 2001, there were 3,566 new members.

Regional Supply and Demand
Regional supply and demand data was not available.

State Supply and Demand
To practice athletic training in the state of Tennessee a person must be NATABOC certified and must pass a Tennessee Athletic Training Licensure Examination. Athletic Training Licensure is obtained through the Tennessee Board of Medical Examiners. In March 2000, there were 504 licensed athletic trainers in Tennessee. Most athletic training employment in Tennessee is at the university and college level and in sports medicine clinics. Demand is high for athletic trainers in the state’s secondary schools. It is estimated that at the national and state levels the demand will continue to grow. Although professional sports franchised teams are increasing, the future employment for the ATC will be in high schools.

The estimated employment in 2000 for athletic trainers in Tennessee was 260. The projected employment for 2010 is 270, representing a 0.7% growth rate, with less than one average annual opening. In 2000, there were 356 licensed athletic trainers in Tennessee. This is compared to 379 licensed athletic trainers in Tennessee in 2001 and 444 in 2002.

There are four accredited programs in Tennessee, all offering bachelor’s degrees. They are at David Lipscomb University, Lincoln Memorial University, Middle Tennessee State University, and Union University.

Summary
With more licensed athletic trainers in Tennessee than employment positions identified and a slow growth rate predicted, the employment outlook for athletic trainers would be improved by combining this certification with other teaching credentials.
D. Recreational Therapy

**National Supply and Demand**
Recreational therapists held about 29,000 jobs in 2000. Almost 40% of salaried jobs for therapists were in nursing and personal care facilities, and over 30% were in hospitals. Overall employment of recreational therapists is expected to grow more slowly than the average for all occupations through the year 2010. Median annual earnings for recreational therapists in 2000 were $32,520 in hospitals and $23,240 in nursing personal care facilities.

**Regional Supply and Demand**
There are 118 colleges and universities that offer academic degrees in Recreational Therapy or Therapeutic Recreation. Forty, or 34% of those programs are in the SREB states.

**State Supply and Demand**
There are two programs offered in Recreational Therapy in Tennessee: Middle Tennessee State University and the University of Tennessee Knoxville. State data was limited to one program reporting 41 graduates in 2000 and 34 graduates in 2002.

**Summary**
Although demand data for the state was not available, growth in assisted living and comprehensive long-term care facilities in Tennessee is expected. Therefore, some employment growth is expected in assisted living, outpatient physical and psychiatric rehabilitation, and services for people with disabilities.

E. Speech-Language Pathology, Speech-Language Pathology Assistant and Aides, and Audiologists

**National Supply and Demand**
In 2000, there were 13,000 audiologists and 88,000 speech-language pathologists. Audiologists were more likely to work in independent health care offices, while speech-language pathologists worked primarily in school settings. About one half of speech-language pathologists and audiologists provided services in preschools, elementary schools, secondary schools, or universities. Others were in offices of speech-language pathologists or audiologists, hospitals, offices of physicians, speech, language, and hearing centers, home health care agencies, or other facilities.

The supply and demand for audiologists is currently in relative balance. Looking ahead, it is estimated that the supply of audiologists is growing faster than demand and that the balance will shift in the direction of a surplus (Vector Research, 1999). A primary cause is that the annual number of audiology graduates increased by nearly 50% between 1992 and 1996. This results in the number of audiologists growing at nearly five times the rate of the US population. However, 2002-2003 BLS data indicate that speech-language pathology will be among the fastest growing professions in the next decade. The profession ranked among the top 30 out of 700 fastest growing occupations over the next decade.

**Employment of speech language pathologists and audiologists may grow because the increasing population in older age groups is prone to medical conditions that result in hearing and speech problems.**

Some employment growth is expected in assisted living, outpatient physical and psychiatric rehabilitation, and services for people with disabilities.
Nationally, there are approximately 242 colleges and universities that offer graduate programs in speech-language pathology and 112 colleges and universities that offer programs in audiology. Speech-language pathologists can acquire the Certificate of Clinical Competence in Speech-Language Pathology (CCC-SLP) offered by the American Speech-Language-Hearing Association (ASHA) and audiologists can earn the Certificate of Clinical Competence in Audiology (CCC-A). According to the ASLHA, as of 2007, audiologists will need to have a bachelor’s degree and complete 75 hours of credit toward a doctoral degree. As of 2012, audiologists will have to earn a doctoral degree in order to be certified.

In 2002, there were 229 accredited speech-language pathology programs and 107 audiology programs. This is compared to 222 speech-language pathology programs and 120 audiology programs in 1995.

Factors that are affecting employment of speech-language pathologists and audiologists include the 1998 implementation of Medicare’s prospective payment system for nursing homes. Many of the high paying positions were eliminated and school systems benefited from the cutbacks.

Employment of speech language pathologists and audiologists may grow because the increasing population in older age groups is prone to medical conditions that result in hearing and speech problems.

As of May 2002, ASHA is aware of 30 operational associate degree programs for speech-language pathology assistants and 55 institutions that are considering development of such programs.

**Regional Supply and Demand**

The American Speech and Hearing Association provided data presented in Table 2.5 below, comparing the number of certified practitioners in the nation, region, and state. The master’s level is the certification level and the entry level to the field. Nationally as of 2002, there are 30.9 certified speech-language pathologists and 4.3 audiologists per 100,000 citizens. The SREB region has slightly fewer SLPs per 100,000 than the national average (30.0 compared with 30.9); however, the number of audiologists per 100,000 is consistent with the national average.

**TABLE 2.5**

Certified Personnel per 100,000 Population by Geographic Area and Certification Status

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SLP</td>
<td>AUD</td>
<td>SLP</td>
</tr>
<tr>
<td>U.S.</td>
<td>20.4</td>
<td>3.6</td>
<td>26.1</td>
</tr>
<tr>
<td>SREB</td>
<td>17.2</td>
<td>3.2</td>
<td>25.5</td>
</tr>
</tbody>
</table>


Personnel-to-population ratios are a measurement of the number of a given class of personnel in relation to the overall population in a given geographic area. By knowing the personnel-to-population ratio for a state or region we can then compare that state or region to other states, regions, or the national average. This information can be used by institutions to support additional educational programming or for career counseling into careers of high demand.

There are three SREB community colleges in North Carolina that currently offer the technical training program for speech-language pathology assistants. Several other SREB states are developing similar programs but currently no SREB program has been approved by ASHA.

**State Supply and Demand**

In 2000, the estimated employment of speech-language pathologists in Tennessee was 1,180. The projected employment in 2010 for speech-language pathologists is 1,500, representing a 2.5% growth rate with 30 average
annual openings. The average 10-year openings are 330. The estimated employment of audiologists in Tennessee in 2000 was 240. The projected employment in 2010 for audiologists is 300, representing a 2.4% growth rate with 10 average annual openings. The average 10-year openings are 60.

TABLE 2.6

<table>
<thead>
<tr>
<th></th>
<th>2000</th>
<th>2001</th>
<th>2002</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speech-Language Pathologists</td>
<td>1,113</td>
<td>1,204</td>
<td>1,372</td>
</tr>
<tr>
<td>Audiologists</td>
<td>245</td>
<td>274</td>
<td>296</td>
</tr>
</tbody>
</table>


The personnel to population ratio in speech-language pathology indicates that although progress is being made, there are fewer SLP personnel per 100,000 in Tennessee than in the U.S. and the region. There are more audiologists than represented in the U.S. and the region. The audiology ratios are the same (5.2) for 1996 and 2002.

TABLE 2.7
Tennessee Speech Pathology and Audiology Graduates, 2001-02

<table>
<thead>
<tr>
<th></th>
<th>Bachelor's</th>
<th>Master's</th>
<th>Doctoral</th>
</tr>
</thead>
<tbody>
<tr>
<td>Audiology</td>
<td>10</td>
<td>15</td>
<td>—</td>
</tr>
<tr>
<td>Speech-Language Pathology (SLP)</td>
<td>37</td>
<td>34</td>
<td>—</td>
</tr>
<tr>
<td>Speech-Language Pathology and Audiology (SLP/A)</td>
<td>13</td>
<td>82</td>
<td>7</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td><strong>60</strong></td>
<td><strong>131</strong></td>
<td><strong>7</strong></td>
</tr>
</tbody>
</table>


In Tennessee, there are five universities that offer speech-language pathology or audiology programs. East Tennessee State University offers a master’s degree in both speech-language pathology and audiology and a doctoral degree in audiology. Tennessee State University offers a master’s degree in speech-language pathology. The University of Memphis offers a master’s degree in both speech-language pathology and audiology and a doctoral degree in audiology. The University of Tennessee at Knoxville offers a master’s degree in both speech-language pathology and audiology. Vanderbilt University offers a master’s degree in both speech-language pathology and audiology.

One community college in Tennessee has expressed interest in developing the assistant level program, but a change in licensure in Tennessee will be required before this category will be licensed to practice.

**Summary**

According to the BLS occupational outlook 2002-03, the employment of speech-language pathologists is expected to grow much faster than the average for all occupations through the year 2010. Tennessee nursing homes, home care agencies, and hospitals must compete with educational institutions and other private practice settings for speech-language-hearing professionals. The supply and demand in Tennessee appear to be in balance, although the personnel to population ratio in speech-language pathology continues to be lower than for the SREB states and the U.S. “The Source” grades SLP and audiologists as E, predicting fewer job openings than trainees.
The biggest shortage in medical therapy occupations in Tennessee is in respiratory therapy.

National Supply and Demand
Nationally, respiratory therapists are not immune from the health care workforce shortages. The Respiratory Therapist Human Resource Study 2000 of the American Association of Respiratory Care projected 6,510 positions vacant, representing a vacancy rate of 5.96%. According to the BLS, respiratory therapists held about 110,000 jobs in 2000. About four out of five jobs were in hospital departments of respiratory care, anesthesiology, or pulmonary medicine. Respiratory therapy clinics, physician offices, nursing homes, and firms that supply respiratory equipment for home use accounted for most of the remaining jobs. The BLS expects employment of respiratory therapists to increase faster than the average of all occupations, increasing from 21% to 25%, due to the aging population and the rise of respiratory ailments and cardiopulmonary disease.

Formal training is necessary for entry into this field. Training is offered at the post-secondary level by hospitals, medical schools, colleges, universities, trade schools, vocational technical institutes, and the Armed Forces. Some programs are two or four years in length and lead either to an associate or bachelor’s degree, preparing graduates for jobs as respiratory therapists (advanced). Other programs last two years and lead to an associate degree, preparing graduates for jobs as respiratory therapists (entry-level). In 2002, there were 313 respiratory therapist (advanced) programs and 66 respiratory therapist (entry-level) programs. This is compared to 286 respiratory therapist (advanced) and 174 respiratory therapist (entry-level) programs in 1995.

TABLE 2.8
Respiratory Therapy Programs in U.S.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Respiratory Therapist</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Advanced REST)</td>
<td>232</td>
<td>259</td>
<td>286</td>
<td>315</td>
</tr>
<tr>
<td>Respiratory Therapist</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Entry-level RESTT)</td>
<td>182</td>
<td>159</td>
<td>174</td>
<td>82</td>
</tr>
</tbody>
</table>


In 2002, the entry-level requirements changed to an associate degree. Only 26 programs remain that graduate students only at the entry level. These programs are expected to phase out.

Regional Supply and Demand
Of the 315 accredited programs preparing respiratory therapists, 177 are in SREB states. This represents 56% of all the programs in the U.S. Graduates from the SREB region traditionally represent 37% of the nation’s total graduates.

State Supply and Demand
It is interesting to note that Tennessee has a high rate of tobacco-using citizens and a high prevalence rate of cardiovascular and lung disease. These may contribute to the increased demand for this profession over the years.

Salary information can be found on pages 220 and 221.
The estimated employment in 2000 for respiratory therapists in Tennessee was 2,210. The projected employment for 2010 is 3,040, representing a growth rate of 3.2%, with 80 average annual openings. The average 10-year openings in Tennessee are 830. In 2000, there were 1,805 licensed respiratory therapists in Tennessee. This is compared to 1,852 licensed respiratory therapists in 2001 and 1,913 in 2002.

There are eight respiratory therapist (advanced) programs in Tennessee. Programs at Chattanooga State Technical Community College, Columbia State Community College, Roane State Community College, and Jackson State Community College offer A.A.S. degrees and programs last between 21 and 24 months. Volunteer State Community College offers a certificate, which lasts 9 months, or an A.S. degree, which lasts 24 months. East Tennessee State University offers a certificate, which lasts 12 months, or B.S. degree, lasting 20 months, plus general education requirements. Baptist College of Health Sciences in Memphis offers a B.H.S. (Bachelor of Health Sciences) degree, lasting 22 months, and Tennessee State University offers a B.S. degree, lasting 37 months. There were 72 graduates from these programs in 2001-02.

Three programs are offered for respiratory therapist (entry-level). These programs are located at Volunteer State Community College, which offers a diploma, certificate, and A.A.S. Tennessee Technology Center–Memphis awards an A.S. degree, and Walters State Community College leads to an A.A.S. degree. There were 42 graduates in 2001-02 from these institutions.

According to “The Source,” there were 81 completers in Tennessee available in 2000; 78 completers or 96.3% were employed. Although there are 2,210 estimated positions in 2000, only 1,913 were licensed in respiratory therapy in 2002. This represents a vacancy rate of 19%. A grade of A, above average for all occupations, is identified for this classification.

**Summary**

Hospitals will continue to employ more than 9 out of 10 therapists, but a growing number will work outside of hospitals under contract to home health agencies and nursing homes. Job opportunities will be best for therapists who work with newborns and infants.

The biggest shortage in medical therapy occupations in Tennessee is in respiratory therapy.

**G. Dietitian and Dietetic Technician**

**National Supply and Demand**

The Bureau of Labor Statistics indicates that dietitians and nutritionists held about 49,000 jobs in 2000. More than half were in hospitals, nursing homes, or offices and clinics of physicians. State and local governments provided about one job in ten—most in health departments and other public health related areas.

According to the U.S. Bureau of Labor Statistics, employment of dietitians is expected to grow about as fast as the average for all occupations through the year 2005.

Other jobs were in restaurants, social service agencies, residential care facilities, diet workshops, physical fitness facilities, school systems, colleges and universities, and the federal government—mostly in the U.S. Department of Veterans Affairs. Some dietitians and nutritionists were employed by firms that provide food services on contract to such facilities as colleges and universities, airlines, correctional facilities, and company cafeterias. Some dietitians are self-employed, working as consultants to facilities such as hospitals and nursing homes or providing dietary counseling to individual clients.
As of 2001, there were 234 bachelor’s and master’s degree programs approved by the Commission on Accreditation for Dietetics Education (CADE). Supervised practice experience can be acquired in two ways. The first requires completion of a CADE-accredited coordinated program. As of 2001, there were 51 accredited programs, which combined academic and supervised practice experience and generally lasted four to five years. The second option requires completion of 900 hours of supervised practice experience in any of the 258 CADE-accredited internships. Internships may be full-time programs lasting six to twelve months, or part-time programs lasting two years. Students interested in research, advanced clinical positions, or public health may need an advanced degree.

According to the U.S. Bureau of Labor Statistics, employment of dietitians is expected to grow about as fast as the average for all occupations through the year 2005 because of increased emphasis on disease prevention, a growing aging population, and public interest in nutrition. Employment in hospitals is expected to show little change because of anticipated slow growth and reductions in patients’ lengths of hospital stay. Faster growth, however, is anticipated in nursing homes, residential care facilities, and physician clinics. The job market for dietetic technicians is assumed to be similar as that for dietitians and nutritionists.

**State Supply and Demand**

Approximately 1,200 registered dietitians are employed in the state of Tennessee. The distribution of jobs follows the national average of approximately 33% employed in hospitals, 10% in long-term care facilities, 9% in community and public health, 10% in clinics and ambulatory care, and 11% in private practice as consultants. The number of registered dietetic technicians is fewer than 100, reflecting the low number of dietetic technician training programs in the state.

There are ten private colleges and public universities in the state that offer didactic programs in dietetics including the University of Tennessee at Chattanooga, Tennessee Technological University, Carson-Newman College, East Tennessee State University, the University of Tennessee at Knoxville, the University of Tennessee at Martin, the University of Memphis, Middle Tennessee State University, David Lipscomb University, and Tennessee State University. According to 2001 data, 215 juniors and seniors (freshman and sophomore enrollments are not available) are enrolled in dietetics education programs with the largest enrollment at Middle Tennessee State University.

In Tennessee, there are six postgraduate dietetic internships that provide the supervised practice component of dietetics training. These programs are located at East Tennessee State University, the University of Tennessee at Knoxville, the University of Tennessee at Martin, the University of Memphis, National Health Corporation, and Vanderbilt University Medical Center. These programs accept 66 students per year with Vanderbilt having the largest program.

There is only one dietetic technician training program in Tennessee, indicating an unmet need in providing opportunities for dietetic technician positions in the state. An associate degree is offered at Shelby State Community College with an enrollment of 21 students annually.

**Summary**

The demand for registered dietitians and dietetic technicians is expected to increase about as fast as the average for all occupations through 2010 as a result of increasing emphasis on disease prevention through improved dietary habits. A growing and aging population will increase the demand for meals and nutritional counseling in nursing homes, schools, prisons, community health programs, and home healthcare agencies. In addition to employment growth, job openings also will result from the need to replace experienced workers who leave the occupation.

The number of dietitians’ positions in hospitals is expected to grow slowly as hospitals continue to contract out food service operations. On the other hand, employment is expected to grow fast in contract providers of food services, social services agencies, and offices and clinics of physicians.

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**Salary information can be found on pages 220 and 221.**
TABLE 2.9
Tennessee Outlook Grading System for Clusters of Occupations

<table>
<thead>
<tr>
<th>Occupation</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Audiology/Speech Pathology</td>
<td>E</td>
</tr>
<tr>
<td>Physical Therapist</td>
<td>D</td>
</tr>
<tr>
<td>Physical Therapist Assistant</td>
<td>D</td>
</tr>
<tr>
<td>Occupational Therapy</td>
<td>B</td>
</tr>
<tr>
<td>Occupational Therapy Assistant</td>
<td>C</td>
</tr>
<tr>
<td>Respiratory Therapy</td>
<td>A</td>
</tr>
<tr>
<td>Dietitian and Dietetic Technician</td>
<td>A</td>
</tr>
</tbody>
</table>

Source: “The Source.”

Grades are assigned to indicate the potential for employment based on openings, number of trained job seekers, and occupational growth. The grading system used is as follows: A for Excellent; B for Very Good; C for Favorable; D for Competitive; E for Very Competitive; and U for Ungraded because the number of trained job seekers is unknown, no formal training is required, and/or few job openings are expected.

II. MEDICAL ASSISTING

Medical Assistant, Surgical Technologist, Nursing Assistant

Status
Medical assistant is expected to be one of the ten fastest growing occupations through the year 2010, growing much faster than the average for all occupations.

Hospitals will continue to be the primary employer of surgical technologists, although much faster employment growth is expected in offices and physician clinics, including ambulatory surgical centers.

Job prospects for nursing assistants will be good because of fast growth and high turnover in this large occupation.

From 5.7 million to 6.5 million long-term care workers will be required to meet the needs of American seniors by 2050, up from 1.9 million employed in 2000. (HHS Secretary Tommy Thompson, 2003)

Medical assisting personnel (medical assistants, surgical technologists, and nursing assistants) perform routine administrative and clinical tasks to keep clinics, home health agencies, private medical practices, and other health care facilities running smoothly.

Medical assistant is expected to be one of the ten fastest growing occupations through the year 2010, growing much faster than the average for all occupations.
A. Medical Assistant

There are ten accredited programs for medical assisting in Tennessee.

National Supply and Demand
In 2002 there were 495 medical assistant programs and 221 medical assistant programs in 1995 that indicates the increasing utilization of this profession.

State Supply and Demand
The estimated employment in Tennessee for medical assistants was 5,470 in 2000. The projected employment for 2010 is 8,070; representing a 4.0% growth rate and 260 average annual openings. The average 10-year openings are 2,600.

There are ten accredited programs for medical assisting in Tennessee. Graduates of the program receive a certificate, diploma, or an associate degree. The certificate and diploma programs last between 8 and 15 months. The programs awarding an associate degree last 24 months.

TABLE 2.10
Tennessee Medical Assisting Programs

<table>
<thead>
<tr>
<th>School</th>
<th>Award offered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Northeast State Technical Community College</td>
<td>A.A.S.</td>
</tr>
<tr>
<td>Cleveland State Community College</td>
<td>A.A.S.</td>
</tr>
<tr>
<td>Chattanooga State Technical College</td>
<td>Certificate</td>
</tr>
<tr>
<td>Miller Motte Business College</td>
<td>A.A.S.</td>
</tr>
<tr>
<td>West Tennessee Business College</td>
<td>Diploma</td>
</tr>
<tr>
<td>South College</td>
<td>A.S.</td>
</tr>
<tr>
<td>Tennessee Technology Center–Knoxville</td>
<td>Diploma</td>
</tr>
<tr>
<td>Tennessee Technology Center–McMinnville</td>
<td>Diploma</td>
</tr>
<tr>
<td>Concorde Career Center</td>
<td>Diploma, A.A.S.</td>
</tr>
<tr>
<td>National College of Business and Technology (Nashville)</td>
<td>A.S.</td>
</tr>
</tbody>
</table>


B. Surgical Technologist

National Supply and Demand
In 2002, there were 363 accredited surgical technologist programs. This is compared to 143 surgical technologist programs. Surgical technologists held about 71,000 jobs in 2000 with almost 75% employed by hospitals. Others are employed in clinics or surgical centers and in the offices of physicians and dentists who perform outpatient surgery.

Surgical technologists held about 71,000 jobs in 2000 with almost 75% employed by hospitals.

State Supply and Demand
Estimated employment for surgical technologists in 2000 was 1,980 with projected employment in 2010 of 2,760 representing a 3.4% growth rate. The average 10-year openings are 780 with average annual openings of

Salary information can be found on pages 220 and 221.
80 positions. The outlook grade is “C” with supply somewhat greater than demand. There were 13 surgical technologist programs graduating 177 students in 2002 according to the Health Professions Education Data Book, 2003-2004. The THA reports a 5% vacancy rate for surgical technologists. Accredited surgical technologist programs are located at Northeast State Technical Community College, Chattanooga State Technical Community College, Tennessee Technology Center–Crossett, Tennessee Technology Center–Dickson, Tennessee Technology Center–Hohenwald, Tennessee Technology Center–Jackson, Ft. Sanders Regional Medical Center, Tennessee Technology Center–Knoxville, Tennessee Technology Center–McMinnville, Tennessee Technology Center in Memphis, Tennessee Technology Center–Murfreesboro, Nashville State Technical Community College, and Tennessee Technology Center–Paris. These programs either lead to a certificate or diploma.

C. Nursing Assistant

National Supply and Demand
The BLS (2002-2003) estimates that medical assistants held about 329,000 jobs in 2000. About 60% of jobs were in physician offices and about 15% were in offices of other health practitioners such as chiropractors, optometrists, and podiatrists. The rest were in hospitals, nursing homes, and other health care facilities.

The turnover rate for nursing assistants in nursing homes ranges from 45% to 105% and turnover for home health aides is estimated to be 28%. The Census Bureau predicts that by 2020 there will be over 60 million people aged 65 and older. As the population ages, the demand for nursing assistants and home health aides will increase significantly. Nursing assistants held about 1.4 million jobs in 2000. About one-half worked in nursing homes and about one-fourth in hospitals. The rest worked in residential care facilities or private households.

State Supply and Demand
Nursing assistant programs are located in a variety of settings in Tennessee: high school vocational programs, area technology centers, acute and long-term care centers, and private training programs. Licensure or registration in these areas vary and are not required, although a certificate of completion and an exam is mandatory for nursing assistants to practice.

Home health aides vary in background and training. According to HRSA there were 5,130 home health aides working in Tennessee in 1998. Tennessee ranked 40th among the 50 states in the number of aides per population. Home health aide employment in Tennessee was predicted to increase by 75.7% between 1996 and 2006. By some estimates the country will need three times as many LTC workers by midcentury due to the aging population. A report that outlines new approaches to address the potentially large workforce shortage in long-term care can be found at http://aspe.hhs.gov/daltcp/reports/ltcwork.htm.

TABLE 2.11
Tennessee Supply and Demand Data for Medical Assisting Personnel 1998-2002

<table>
<thead>
<tr>
<th></th>
<th>1998 Openings</th>
<th>2002 Average Annual Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medical Assistant</td>
<td>425</td>
<td>260</td>
</tr>
<tr>
<td>Surgical Technologist</td>
<td>93</td>
<td>80</td>
</tr>
<tr>
<td>Nursing Assistant</td>
<td>1,060</td>
<td>1,350</td>
</tr>
</tbody>
</table>

EMT-Paramedics are increasingly allowed to provide primary care in emergency situations without transporting the patient to a medical facility.

Status
The Bureau of Labor and Statistics (BLS) projects that employment of Emergency Medical Technicians (EMT) will grow much faster than average for all occupations through the year 2006. Much of the growth will occur as positions change from volunteer to paid positions.

Additional job openings will occur as more states begin to allow EMT-Paramedics to perform primary care on the scene without transporting the patient to a medical facility, especially where supported by telemedicine technology.

Private ambulance companies tend to offer fewer wages and benefits than do fire departments and hospitals. Thus, demand may be greatest in private companies.

National Supply and Demand
The BLS projects that employment of EMTs will grow much faster than average for all occupations through the year 2010. Much of the growth will occur as positions change from volunteer to paid positions. Additional job openings will occur as more states begin to allow EMT-Paramedics to perform primary care on the scene without transporting the patient to a medical facility.

EMTs held about 172,000 jobs in 2000. About four in ten worked in local and suburban transportation or private ambulance services. About three in ten worked in fire, public ambulance, and emergency medical services (EMS). About two in ten worked in hospitals, and one in ten worked in various other industries providing emergency services. In addition, there are many volunteer EMTs. The salaries of the EMTs may vary greatly according to the type of employer (see Table 2.12).

TABLE 2.12

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>All employees</td>
<td>$25,051</td>
<td>$31,670</td>
<td>$30,407</td>
<td>$35,689</td>
</tr>
<tr>
<td>Fire departments</td>
<td>$29,859</td>
<td>$36,566</td>
<td>$32,483</td>
<td>$42,161</td>
</tr>
<tr>
<td>Hospital Based</td>
<td>$18,686</td>
<td>$21,381</td>
<td>$28,373</td>
<td>$31,130</td>
</tr>
<tr>
<td>Private Ambulance Services</td>
<td>$18,617</td>
<td>$21,614</td>
<td>$23,995</td>
<td>$30,020</td>
</tr>
</tbody>
</table>


Because of the discrepancies in pay scales, opportunities in hospitals and private ambulance services are expected to be excellent. The competition will be greater for positions in fire, police, and rescue squads due to higher salaries.
In 2002, there were 149 EMT-Paramedic programs in the United States. The number of accredited programs has continually grown since 1985, as Table 2.13 illustrates.

**TABLE 2.13**
National Accredited Emergency Medical Technicians-Paramedic Programs

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Programs</td>
<td>20</td>
<td>72</td>
<td>96</td>
<td>109</td>
<td>149</td>
</tr>
</tbody>
</table>

Source: Health Professions Education Directory, 2003-04.

**Regional Supply and Demand**
A total of 79 of the accredited 149 programs are in the SREB region, representing 53%. Many of the programs are concentrated in three states: Alabama, Florida, and Texas, while other states such as Georgia and West Virginia do not have any accredited programs. Florida alone has 24 programs and graduated 871 students in 2001-2002.

**State Supply and Demand**
The estimated employment for emergency medical technicians and paramedics in Tennessee in 2000 was 2,710. The projected employment for 2010 is 3,760, representing a 3.3% growth rate and 110 average annual openings. The average 10-year openings in Tennessee for emergency medical technicians and paramedics are 1,050.

In 2000, there were 10,531 licensed emergency medical technicians and paramedics in Tennessee. This is compared to 10,901 licensed emergency medical technicians in 2001 and 11,280 in 2002.

Tennessee offers eight EMT-Paramedic programs. Four of the programs offer certificates. These programs are located at Northeast State Technical Community College, Chattanooga State Technical Community College, Columbia State Community College, and Southwest Tennessee Community College. The four certificate and A.A.S. degree programs are through Volunteer State Community College, Jackson State Community College, Roane State Community College, and Walters State Community College. These programs last between 12 and 24 months.

In 2000, there were 350 EMT-Paramedic completers in Tennessee.

**Summary**
Demand is expected to grow as paid positions replace volunteer positions and EMT-Paramedics are increasingly allowed to provide primary care in emergency situations without transporting the patient to a medical facility. The expanding population, particularly in older age groups that are the greatest users of emergency medical services, will also play a part in the growth in this field.
Diagnostic Radiologic Technology, Radiation Therapy, Nuclear Medical Technology, Diagnostic Medical Sonography

Status
Tennessee’s radiography programs are adequate to meet current and projected needs, although regional and national shortages are being reported.

Numbers of graduates in Tennessee continue to decline, which may result in shortages in the future. While national population ratios for radiographers have increased, the ratios have decreased in Tennessee.

Technologists trained in both nuclear medicine and radiologic technology will have the best employment prospects.

The professional organization continues to study the move to the B.S. degree as the standard of practice.

Federal studies to determine the impact of educational standards on the quality of care in ultrasound are underway and may lead to increased regulations.

For the purposes of this section, these occupations are grouped as follows: A. Diagnostic Radiologic Technology, including CT and MRI; B. Radiation Therapy; C. Nuclear Medicine Technology; and D. Diagnostic Medical Sonography.

A. Diagnostic Radiologic Technology (including CT and MRI)

Although hospitals remain the principal employer of radiologic technologists, employment is growing most rapidly in physician offices and clinics, including diagnostic imaging centers.

National Supply and Demand
The BLS projects that radiologic technologists have a high rate of growth, with employment greater than average. In 2000, there were 167,000 radiographers working in the United States. Due to fewer graduates of accredited programs, a decline in the number of new RTs in 1999-2000 was reported. The Journal of the American Society of Radiologic Technologists reported in April 1999 that the “current rate of growth in the number of new RTs is not sufficient to replace normal attrition from the profession, let alone the impending large scale declines due to retirements. Just when the need for health care is projected to increase, the supply of radiologic science professionals may well be decreasing” (vol. 70, no. 4, p. 379). The ARRT 2002 annual report indicates an overall increase of 9.6% in first-time candidates which is the second consecutive increase following several years of decreasing volume. However the American Society of Radiologic Technologist
(ASRT) research shows that even with this increase, the nation will produce only about 52,300 more radiographers by 2010. This is 30% fewer than the 75,000 radiographers that the BLS estimates will be needed.

**TABLE 3.1**
New Certificates in Radiography 1994-2002

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>New Certificates</td>
<td>10,628</td>
<td>10,330</td>
<td>9,427</td>
<td>8,691</td>
<td>8,146</td>
<td>7,595</td>
<td>7,149</td>
<td>7,434</td>
<td>8,168</td>
</tr>
</tbody>
</table>


The location of employers for radiographers is changing. A study by the American Registry of Radiologic Technologists reported that between 1972 and 1990, the percent of radiographers who worked in the hospital setting dropped from 72% to 65%, and the rate has continued to decline. Although hospitals remain the principal employer of radiologic technologists, employment is growing most rapidly in physician offices and clinics, including diagnostic imaging centers. The 2003 American Hospital Association report, “In Our Hands,” reported vacancy rates in the fall of 2001 of 15.3% nationally for imaging technologists. Sixty-eight percent of hospitals reported more difficulty recruiting between 1999 and 2001. Imaging job categories in which hospitals are experiencing workforce shortage include radiology, nuclear medicine, and ultrasound imaging with 71% of hospitals reporting shortages. This is second only to registered nurse vacancies, with 84% of hospitals reported shortages.

The U.S. labor force is aging. The median age of the labor force in 1998 was 38.7 with 40.7 years predicted in 2008, while the average age of the working radiologic technologist today is 41. Over 66% of the imaging labor force is above the age of 35, which is a higher percentage than the age distribution of all other professions (ARRT and BLS, 1998). Only 14.5% of radiologic technologists working today are younger than 30 (www.ASRT.org/ASH.htm).

From 1984 to 1991, the number of radiography programs nationwide declined by 80 programs from 760 to 680 programs and have continued to decline to 585 in 2003. The Department of Labor estimates that the annual graduation rate will not satisfy the growth from increased demand and attrition and that 50,000 more radiologic technologists will be needed within the next 10 years.

Despite the upturn in students choosing to study radiologic technology, the overall shortage in RTs could continue to grow because of looming retirements. At an average age of 41, it is one of the oldest groups among the allied health professions. In 15 to 20 years, when the demand for health care is expected to skyrocket, a large number of RTs will be retiring.

**Regional Supply and Demand**
The SREB data shows a total of 233 accredited programs that graduated 3,238 students in 1998. This number represented 40.6% of the graduates in the nation that year. In 2002 there were 243 programs that graduated 3,587. This number represents 41% of the 585 programs and 50% of the graduates in the U.S.

**State Supply and Demand**
Although there are currently 5,373 RTs registered in good standing with the ARRT who reside in Tennessee, only 3,998 indicate they work full-time and 619 indicate part-time employment. Of those registered, 2,117 identify radiography as their primary discipline of employment.

The Tennessee Hospital Association reports vacancy rates for hospitals by county. They report that of the 2,441 budgeted positions for radiographers, 306 of those are vacant, representing a 13% vacancy rate for hospitals in Tennessee. This is similar to the national vacancy rate of 15%. Considering there were only 202 new candidates prepared for registration in Tennessee during 2002, a worsening shortage is predicted for Tennessee. The occupational outlook for Tennessee in this field is excellent.
TABLE 3.2
Tennessee Registered Radiographers, 1989-2003

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Registered Radiographers</td>
<td>2,997</td>
<td>3,255</td>
<td>3,446</td>
<td>3,557</td>
<td>3,907</td>
<td>4,891</td>
<td>5,367</td>
</tr>
<tr>
<td>Full-time Practice</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3,998</td>
<td></td>
</tr>
</tbody>
</table>


In Tennessee, there are 11 accredited radiography programs. Six offer A.A.S. degrees and two offer B.S. degrees. These programs are located at Chattanooga State Technical Community College, Columbia State Community College, Volunteer State Community College, Jackson State Community College, Southwest Tennessee Community College, and Roane State Community College. The University of Tennessee Medical Center at Knoxville, Metropolitan Nashville General Hospital, and Methodist Healthcare in Memphis offer a certificate. The Baptist College of Health Sciences in Memphis and East Tennessee State University offer B.S. degree programs. New programs at Austin Peay State University, South College in Knoxville, and Medivance Institute in Cookeville are being developed.

TABLE 3.3
Tennessee Radiography Programs and Graduates 1989-2002

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Programs</td>
<td>11</td>
<td>11</td>
<td>13</td>
<td>13</td>
<td>12</td>
<td>11</td>
</tr>
<tr>
<td>Graduates</td>
<td>120</td>
<td>172</td>
<td>179</td>
<td>189</td>
<td>160</td>
<td>148*</td>
</tr>
</tbody>
</table>


*Graduation rates from THEC are lower than data acquired on new registrants.

The ARRT Annual Report indicated that 179 candidates sat for the ARRT exam in 1999, and 202 candidates each year sat for the ARRT exam in 2000, 2001, and 2002. This represents no growth in supply for the last three years in Tennessee.

Post-primary examinations offered through the American Registry of Radiologic Technology include cardiovascular-interventional technology, mammography, computed tomography, magnetic resonance imaging quality management, sonography, vascular cardiac-interventional technology, vascular-interventional technology, and bone densitometry. Formal training programs for these areas have been initiated in some institutions that also offer entry-level programs.

A limited practice x-ray technician is allowed to practice in Tennessee. These personnel are prepared through a 40 clock-hour course approved through the Tennessee Board of Medical Examiners, and completers take a state exam. The limited areas of practice presently include examinations of chest and extremities.

Technicians and technologists must be licensed to work in most office settings. The Tennessee Occupational Information System reports continued growth with a 2% growth rate expected until 2010 for technicians.

**Summary**

Tennessee has not been educating an adequate number of radiographers as indicated by hospital vacancy rate data and state supply and demand data. National shortages continue even though there is an increase in the number of radiography applicants and graduates. A telephone survey of the programs in Tennessee indicates they are at capacity for the number of funded faculty positions.

In addition to post-primary certificates, the professional organization, ASRT, has proposed a radiologist assistant as an extender of the role of radiologist. Tennessee has converted two programs into baccalaureate-level programs in radiography. Baccalaureate-level programs are sources of graduates who may be potential faculty members or managers in this discipline.

**Salary information can be found on pages 220 and 221.**
B. Radiation Therapy

National Supply and Demand
Radiation therapy departments are facing several staffing shortages that could affect patient care and increase the number of hours worked and the quality of patient care, according to a study in the June 2003 International Journal of Radiation Oncology, Biology, and Physics. The study sites an 18.3% vacancy rate nationally, or 1,800 radiation therapists.

A workforce study by the radiologic professional association found that over a four-year period, the number of full-time radiation therapists nationwide increased by 26%, from 4,242 in 1986 to 5,353 in 1990 (Lang, 1991) and 60% between 1990 and 2003 with 13,465 registered radiation therapists in 2003. The BLS predicts that the U.S. will need 7,000 more radiation therapists by 2010. With over 1,800 vacancies reported in 2003 and less than one-third enough graduates to fill those vacancies, the shortage is predicted to continue for at least the next eight to ten years.

In 1985, there were 101 accredited radiation therapy programs nationally. In 1990, this number increased to 104 programs. In 1995, there were 120 accredited programs nationally, but this number dropped to 71 in 2002. The 2002 data show a smaller number of programs (71) are producing more graduates.

<table>
<thead>
<tr>
<th>Year</th>
<th>Programs</th>
<th>Graduates</th>
</tr>
</thead>
<tbody>
<tr>
<td>1985</td>
<td>101</td>
<td>659</td>
</tr>
<tr>
<td>1990</td>
<td>104</td>
<td>792</td>
</tr>
<tr>
<td>1991</td>
<td>111</td>
<td>1,045</td>
</tr>
<tr>
<td>1992</td>
<td>121</td>
<td>388</td>
</tr>
<tr>
<td>1994</td>
<td>84</td>
<td>389</td>
</tr>
<tr>
<td>1998</td>
<td>80</td>
<td>399</td>
</tr>
<tr>
<td>1999</td>
<td>79</td>
<td>579</td>
</tr>
<tr>
<td>2000</td>
<td>71</td>
<td>652</td>
</tr>
</tbody>
</table>


Regional Supply and Demand
In 1992, there were 40 radiation therapy programs in the SREB states and 111 programs in the U.S. In 2003, there are 27 in the SREB states and 71 programs across the country.

The number of graduates who qualified to sit for the ARRT therapy exam from SREB programs was 252 in 2002, representing 38.6% of all radiation therapy graduates in that year.

State Supply and Demand
In 2003, there were 305 radiation therapists in Tennessee. The number needed is projected to be 350 in 2008. This represents a growth rate of 2.11% with ten job openings annually, six due to growth and four due to replacement. There were 33 successful candidates for the ARRT in 2002.

In 2002, there were three accredited radiation therapist programs in Tennessee. Two certificate programs, which last 12 months, are at Chattanooga State Technical Community College and Vanderbilt University Medical Center, which is affiliated with Middle Tennessee State University to offer a B.S. degree. One program leading to a B.S. degree is located at Baptist College of Health Sciences in Memphis. This program also offers night and weekend classes and lasts 48 months.

Thirty-nine graduates from these programs in Tennessee qualified to sit for the radiation therapy ARRT exam in 2002.
Summary
Tennessee has made progress toward educating an adequate supply of radiation therapists. Two of the three programs in the state are sponsored by hospitals and one is a public community college that requires a certification in radiography for admission. This results in a 36-month educational investment and two certifications for practice, although typically graduates practice radiation therapy rather than radiography. Although this add-on approach provides career change opportunities for the radiographer, the national trend has been to provide training for radiation therapists at the bachelor’s or associate degree for entry-level with bachelor’s degree programs showing the most growth.

C. Nuclear Medicine Technology

In 2000, the estimated employment for nuclear medicine technologists in Tennessee was 710. This number is projected to be 820 in 2010.

Employment is expected to grow about as fast as average for all occupations through the year 2006. Growth will arise from an increase in the number of middle-aged and older persons who are the primary users of diagnostic procedures, including nuclear medicine tests. A 2001 NMTCB Salary Survey reported a national vacancy rate of 12.5%.

In 2000, there were 18,000 nuclear medicine technologists in the United States. Two-thirds were employed in hospitals, and the rest worked in physician offices and diagnostic imaging centers.

In 1985, there were 141 accredited nuclear medicine technology programs but this number dropped to 107 in 1990. This number rose again in 1995, with 120 programs but dropped in 2002 to 92 accredited programs.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ARRT</td>
<td>9,491</td>
<td>9,784</td>
<td>10,815</td>
<td>11,022</td>
<td>11,109</td>
<td>10,634</td>
<td></td>
</tr>
<tr>
<td>NMTCB</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>21,989</td>
<td></td>
</tr>
<tr>
<td>BLS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>18,000</td>
<td></td>
</tr>
</tbody>
</table>


Two agencies provide certification/registration, ARRT and NMTCB, and practitioners often hold both. Accurate data on the total number of practitioners are not available.
Regional Supply and Demand
In 2003 there were 39 accredited nuclear medicine programs in SREB states, and 92 programs nationally. The SREB states graduated 240 in 1999, representing 40% of the national total. This figure is relatively unchanged in 2003.

State Supply and Demand
In 2000, the estimated employment for nuclear medicine technologists in Tennessee was 710. This number is projected to be 820 in 2010. This represents an annual growth rate of 1.5%, with ten annual job openings. Certification is voluntary; however, as of 2003 a total of 687 nuclear medicine technologists hold certificates in Tennessee. Of these, 467 hold NMTCB certification and 220 hold ARRT certification.

In 2002, there were 37 graduates from five nuclear medicine technology programs in Tennessee. Three programs are hospital based and offer certificate and/or bachelor’s degrees. Methodist Hospital of Memphis awards certificate degrees, Vanderbilt University Medical Center awards a certificate but articulates with several universities which offer the bachelor’s degree upon completion, and the University of Tennessee Medical Center at Knoxville awards certificate and bachelor’s degrees. Two non-hospital based programs, Chattanooga State Technical Community College and Baptist Memorial College of Health Science, also offer certificate degrees.

There is no overall shortage of nuclear medicine technologists in Tennessee, although some regions report vacancies. Supply of these professionals is currently provided by five programs that graduate a number equal to the projected state demand. The five border states produce fewer graduates in these areas and out-migration of Tennessee’s graduates to other states may be occurring.

D. Diagnostic Medical Sonography

National Supply and Demand
In 2000, there were 38,594 diagnostic medical sonographers. More than half worked in hospitals. Many sonographers, like radiologic technologists, have moved from hospitals to outpatient practices. Ultrasound has been used in medical diagnosis since 1970, and initially, training consisted of one or two weeks of in-hospital training. Because licensure to practice is not required, sonographers often are still trained in short programs that are initiated and terminated based on local need to meet local needs, making determination of supply and demand difficult.

The Joint Review Committee on Education in Diagnostic Medical Sonography accredits most formal diagnostic medical sonography training programs. In 1985, there were 24 accredited diagnostic medical sonography programs. This number rose to 42 in 1990 and grew to 77 in 1995. In 2003, there are 102 diagnostic sonography programs in the United States.

Sonographers can obtain national certification from the American Registry of Diagnostic Medical Sonographers. As relatively few risks are associated with this modality, licensure or certification is not nationally required. However, the registry recorded 18,264 registered sonographers in June 1993 and 38,594 in March 2000, representing a significant increase in the use of this imaging modality and a trend toward acquiring national certification.
From 1988 to 1998, the number of sonography programs nationally grew from 34 to 77, an increase of over 100%. Enrollment and the number of graduates have each increased substantially from 1988 to 1998, as shown in Table 3.6. As of the end of December 2002 the number of programs increased by 24, or 32% since 1998.

TABLE 3.6
U.S. Diagnostic Medical Sonography Programs, 1988-2002

<table>
<thead>
<tr>
<th>Year</th>
<th>Total Programs</th>
<th>Total Enrollment</th>
<th>Graduates</th>
</tr>
</thead>
<tbody>
<tr>
<td>1988</td>
<td>34</td>
<td>461</td>
<td>264</td>
</tr>
<tr>
<td>1989</td>
<td>38</td>
<td>567</td>
<td>316</td>
</tr>
<tr>
<td>1990</td>
<td>43</td>
<td>635</td>
<td>338</td>
</tr>
<tr>
<td>1991</td>
<td>47</td>
<td>887</td>
<td>443</td>
</tr>
<tr>
<td>1992</td>
<td>56</td>
<td>977</td>
<td>565</td>
</tr>
<tr>
<td>1998</td>
<td>77</td>
<td>1,366</td>
<td>730</td>
</tr>
<tr>
<td>2002</td>
<td>96</td>
<td>1,452</td>
<td>829</td>
</tr>
</tbody>
</table>


Regional Supply and Demand
Data from the SREB indicates that there are 29 regional programs that graduated 246 students in 1998, representing 33.6% of the total graduates in the nation. In 2002 there were 41 programs graduating 347, representing 41% of the total graduates in the nation.

TABLE 3.7
U.S. and SREB Accredited Sonography Graduates

<table>
<thead>
<tr>
<th>Year</th>
<th>SREB</th>
<th>National</th>
</tr>
</thead>
<tbody>
<tr>
<td>1989</td>
<td>84</td>
<td>316</td>
</tr>
<tr>
<td>1990</td>
<td>74</td>
<td>338</td>
</tr>
<tr>
<td>1991</td>
<td>101</td>
<td>443</td>
</tr>
<tr>
<td>1998</td>
<td>246</td>
<td>730</td>
</tr>
<tr>
<td>2002</td>
<td>347</td>
<td>829</td>
</tr>
</tbody>
</table>


State Supply and Demand
Population ratios are not available as sonographers are not licensed in Tennessee and accurate numbers of practitioners are not available. Many sonographers have been trained on the job and are not registered. The Tennessee Department of Employment Security does not keep figures on supply and demand in this category.

Tennessee has two accredited sonography programs in community colleges. Chattanooga State Technical Community College and Volunteer State Community College offer certificate programs. Vanderbilt Medical Center and Baptist Memorial College of Health Sciences in Memphis offer certificate programs. Several other hospitals and community college programs offer training based on analysis of local need.

According to the Health Profession Education data book for 2003-2004, Tennessee graduated 26 sonographers from the two accredited programs in 2001. Regional shortages are reduced by local training programs.

TABLE 3.8
Tennessee New ARRT Candidates

<table>
<thead>
<tr>
<th></th>
<th>1993</th>
<th>1998</th>
<th>1999</th>
<th>2000</th>
<th>2001</th>
<th>2002</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nuclear Medicine Technologist</td>
<td>23</td>
<td>30</td>
<td>8</td>
<td>8</td>
<td>11</td>
<td>37*</td>
</tr>
<tr>
<td>Radiologic Technologist (Radiographer)</td>
<td>189</td>
<td>160</td>
<td>171</td>
<td>202</td>
<td>202</td>
<td>202</td>
</tr>
<tr>
<td>Radiation Therapist</td>
<td>32</td>
<td>13</td>
<td>7</td>
<td>9</td>
<td>25</td>
<td>39</td>
</tr>
</tbody>
</table>

Source: Telephone Survey, ARRT, *ARRT and NMTCB; some may hold both certifications.
Summary
Tennessee is not educating an adequate number of radiographers based on reported vacancies. A telephone survey of the programs indicates they are enrolling at capacity for clinical sites and/or staffing levels. Tennessee has two baccalaureate programs: East Tennessee State University and Baptist Memorial College of Health Sciences.

There has been no increase in the number of radiographers over the last three years. The vacancy rates identified by hospitals indicate a growing shortage in this area. With decreased funding for higher education this situation may not improve.

While statewide statistics help clarify the supply and demand situation, consideration must be given to the mobility of graduates, which contributes to regional shortages.

Sonography is showing growth and this growth is being met in Tennessee by two accredited programs and local training opportunities. Directors of human resources have reported shortages across the state. Beginning in 2005, an associate or higher degree from an accredited program will be required for registration. Since neither registration nor licensure is required, the supply/demand data is difficult to assess except through anecdotal reports of shortages from hospital human resource officers.

II. CLINICAL LABORATORY SERVICES
Medical Technology, Medical Laboratory Technician, Phlebotomist

Status
National shortages in laboratory personnel are becoming significant according to the results of a survey conducted by the American Society of Clinical Pathologists’ Board of Registry.

The Clinical Laboratory Improvement Act (CLIA) requires technologists who perform certain highly complex tests to have at least an associate degree.

Tennessee’s vacancy rate for clinical medical technologists and clinical medical technicians is 13%.

Shortages in the clinical laboratory sciences need to be addressed through student recruitment.

National Supply and Demand
In 2000, there were 295,000 estimated clinical laboratory technologists and technicians employed in the United States, more than half of whom worked in hospitals.

Technological advances have two opposing effects on employment and will continue to do so through 2006. New, more powerful diagnostic tests will encourage more testing and spur employment. However, advances in laboratory automation and simpler tests make it possible for each worker to conduct more tests and thereby possibly reduce demand.

A biannual survey sponsored by the American Society of Clinical Pathologists (ASCP) showed that job vacancy rates are high in medical laboratories. The following data, presented in Table 3.9, includes hospital, blood bank, clinic, and independent clinical medical laboratories. ASCP has targeted recruitment of qualified students and retention of currently practicing professionals as ways to reduce shortages.

Salary information can be found on pages 220 and 221.
TABLE 3.9
National Vacancy Rates for Clinical Laboratory Positions 1988-2002

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Medical Technologists</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Staff</td>
<td>9.3</td>
<td>11.6</td>
<td>9.6</td>
<td>8.2</td>
<td>10.2</td>
<td>7.2</td>
</tr>
<tr>
<td>Supervisor</td>
<td>5.0</td>
<td>10.2</td>
<td>10.3</td>
<td>8.6</td>
<td>9.3</td>
<td>5.8</td>
</tr>
<tr>
<td>Manager</td>
<td>5.2</td>
<td>7.1</td>
<td>15.4</td>
<td>7.7</td>
<td>15.4</td>
<td>3.1</td>
</tr>
<tr>
<td>Medical Lab Technician</td>
<td>6.5</td>
<td>11.1</td>
<td>14.8</td>
<td>12.5</td>
<td>12.3</td>
<td>9.0</td>
</tr>
<tr>
<td>Phlebotomists</td>
<td>8.2</td>
<td>12.2</td>
<td>14.8</td>
<td>12.5</td>
<td>12.3</td>
<td>9.0</td>
</tr>
<tr>
<td>Cytotechnologists</td>
<td>13.6</td>
<td>27.3</td>
<td>19.2</td>
<td>7.1</td>
<td>10.5</td>
<td>6.3</td>
</tr>
<tr>
<td>Histologic Technologists</td>
<td>NA</td>
<td>14.3</td>
<td>17.4</td>
<td>5.3</td>
<td>10.3</td>
<td>10.9</td>
</tr>
<tr>
<td>Histologic Technicians</td>
<td>6.2</td>
<td>9.5</td>
<td>8.7</td>
<td>13.0</td>
<td>12.9</td>
<td>9.1</td>
</tr>
</tbody>
</table>

American Society of Clinical Pathologists, 2002, Hospital Vacancy Rates.

The decline in the number of medical technology (MT) programs, as shown in Table 3.10, has been dramatic. In 1990-1992, 10 programs closed. In a seven-year period, 205 programs closed resulting in a decline from 615 programs in 1984 to 410 in 1991. In 1998, there were 288 active programs; by 2003, the number of active programs had declined to 254.

The number of graduates declined nationally by 3% between 1990 and 1991, from 3,024 to 2,932 graduates. A slight increase to 3,201 graduates in 1992 was coupled with a decline in the number of programs from 410 to 404. The increase of graduates was due to increased enrollments. In 1998, there were 2,667 graduates, 265 fewer than in 1991.

Medical laboratory technician (MLT) programs increased by 21.3% in the 10-year period from 1981 to 1991. From 1991 to 1998, the number of programs fluctuated and in 1998 returned to approximately the same number that existed in the early 1990s. Some increase in the number of programs is seen from 2002 to 2003.

TABLE 3.10
U.S. Trends in Clinical Laboratory Programs: Number of Programs

<table>
<thead>
<tr>
<th>Year</th>
<th>Medical Technologist</th>
<th>Medical Lab Technician</th>
</tr>
</thead>
<tbody>
<tr>
<td>1971</td>
<td>773</td>
<td>212</td>
</tr>
<tr>
<td>1976</td>
<td>696</td>
<td>191</td>
</tr>
<tr>
<td>1981</td>
<td>640</td>
<td>211</td>
</tr>
<tr>
<td>1986</td>
<td>516</td>
<td>261</td>
</tr>
<tr>
<td>1991</td>
<td>410</td>
<td>256</td>
</tr>
<tr>
<td>1992</td>
<td>404</td>
<td>255</td>
</tr>
<tr>
<td>1995</td>
<td>357</td>
<td>223</td>
</tr>
<tr>
<td>1998</td>
<td>288</td>
<td>249</td>
</tr>
<tr>
<td>2002</td>
<td>238</td>
<td>222</td>
</tr>
<tr>
<td>2003</td>
<td>254</td>
<td>226</td>
</tr>
</tbody>
</table>

Health Professions Education Directory, 1999.
TABLE 3.11
U.S. Clinical Laboratory Graduates

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Medical Technologist</td>
<td>3,148</td>
<td>3,024</td>
<td>2,932</td>
<td>3,201</td>
<td>2,667</td>
<td>1,753</td>
</tr>
<tr>
<td>Medical Lab Technician</td>
<td>2,292</td>
<td>2,292</td>
<td>2,437</td>
<td>2,559</td>
<td>2,412</td>
<td>1,273</td>
</tr>
</tbody>
</table>

   Health Professions Education Directory, 1999.

TABLE 3.12
Accredited Programs in the United States for Clinical Laboratory Scientist/Medical Technologist (CLS/MT), Clinical Laboratory Technician/Medical Laboratory Technician (CLT/MLT)- associate degree, and Clinical Laboratory Technician/Medical Laboratory Technician (CLT/MLT) – certificate

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>CLS/MT</td>
<td>584</td>
<td>420</td>
<td>357</td>
<td>254</td>
</tr>
<tr>
<td>CLS/MT—associate degree</td>
<td>225</td>
<td>215</td>
<td>223</td>
<td>210</td>
</tr>
<tr>
<td>CLS/MT—certificate</td>
<td>56</td>
<td>41</td>
<td>37</td>
<td>16</td>
</tr>
</tbody>
</table>


Regional Supply and Demand
There were 91 medical technology programs in the SREB in 2003 and 115 medical laboratory technician programs. Data from the SREB in Table 3.13 show that the number of clinical medical technology graduates in 1998 in the region is equivalent to the number of graduates in 1989. The number of graduates for both medical technologist and medical laboratory technicians has declined drastically since 1998.

TABLE 3.13
Regional Clinical Laboratory Graduates

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Medical Technologist</td>
<td>1,033</td>
<td>968</td>
<td>937</td>
<td>1,040</td>
<td>627</td>
</tr>
<tr>
<td>Medical Lab Technician</td>
<td>1,207</td>
<td>1,206</td>
<td>1,196</td>
<td>1,030</td>
<td>692</td>
</tr>
</tbody>
</table>

   Health Professions Education Directory, 1999.

In 2003, there were 19 accredited cytotechnologist programs in the SREB region and 48 in the U.S. This number represents 40% of the nation’s programs.

State Supply and Demand
In 2000, the estimated employment of medical and clinical laboratory technologists in Tennessee was 4,130. This number is projected to be 4,610 in 2010, with a growth rate of 1.1% and 50 average annual openings. The average 10-year openings for medical and clinical laboratory technologists are 480.

The estimated employment for medical and clinical technicians in 2000 in Tennessee is 5,440. The projected employment for 2010 is 6,150 with a 1.2% growth rate and 70 average openings. The average 10-year openings for medical and clinical laboratory technicians are 710. Licensure information for each is located in Table 3.14.
There are six programs in clinical laboratory scientist/medical technologist (CLS/MT) in Tennessee. Vanderbilt University Medical Center offers a certificate program that lasts 12 months. Austin Peay State University and the University of Tennessee Medical Center at Knoxville offer certificates and B.S. degrees. These programs last 12 or 13 months. Lincoln Memorial University and Tennessee State University offer B.S. programs that last between 12 and 18 months. University of Tennessee Health Science Center in Memphis offers a B.S. program that lasts 21 months and an M.S. program that lasts 48 months.

There are six associate degree programs in clinical laboratory technician/medical laboratory technician (CLT/MLT) in Tennessee. These programs are at Med Vance Institute in Cookeville, Northeast State Technical Community College (formerly at East Tennessee State University), Jackson State Community College, and Southwest Tennessee Community College. (Both Roane State Community College and Columbia State Community College discontinued their programs in 2000, due to budget cuts and enrollment issues.) These programs offer an A.A.S. degree and last between 18 and 24 months. There are no programs in Tennessee that offer a certificate.

In 2001, the supply of clinical medical technology graduates did not equal the state’s demand. There were 272 vacant positions in hospitals alone, due to a combination of growth and replacement, but only 21 graduates to fill those positions. Hospital vacancy rates in Tennessee are 13% according to a THA study.

Additionally, there is a shortage of clinical medical technician graduates in Tennessee. The projected annual need is 70. In 2002, there were 16 graduates in the field (certificate degree and associate degree combined).

**Summary**

The 2002 survey data indicate some significant positive changes that should translate to an overall increase in enrollment and should lead to more graduates in all programs within the next two years. This should reduce the shortage to some degree. In addition to a boost in the number of applicants and total enrollment for all categories, clinical sites appear to be more willing to provide clinical rotation sites. There was no significant decline in the number of programs in 2002 as compared to 2000. A telephone survey of all programs in May 2003 indicates an increased number of applicants for the 2003-2004 class. Austin Peay State University has increased its enrollment capacity due to outside funding and partnership with the Tennessee Hospital Association.
III. DENTAL SERVICES

Dental Hygienists, Dental Assistant, Dental Laboratory Technician

Status
Currently in Tennessee, there are supply shortages in all three basic dental auxiliary categories: hygienist, assistant, and laboratory technician.

Dental hygienists and dental assistants are increasingly responsible for patients’ routine dental care so that dentists may focus on more complex procedures. This has increased the demand for hygienists and assistants.

The demand for dental assistants should be addressed by additional programming.

National Supply and Demand
The American Dental Association estimated that in 2000 there were 152,000 professionally active dentists in the United States. About 80% are sole proprietors while 13% are in partnerships. Tennessee ranks below the national average with only 41.2 dentists per 100,000 people in 1998. Dental hygienists and assistants work directly with dentists.

As members of the baby-boom generation advance into middle age, a large number will need maintenance on complicated dental work such as bridges. In addition, elderly patients are more likely to retain their teeth than they have been in past, so they will continue to require dental care as they age. Interestingly, the demand for dentists will not grow as rapidly as the demand for dental services, indicating that dental hygienists and assistants may increasingly serve as supply substitutes.

The BLS predicts that dental hygiene will be one of the thirty fastest growing occupations in the coming years. Job opportunities should continue to be good if graduates of dental hygiene programs do not increase greatly in number. Dental hygienists held 147,000 jobs in 2000. Over one-half of dental hygienists worked part-time. Almost all dental hygienists work in private dental offices. Some work in public health agencies, hospitals, and clinics.

This prediction is based on a more effective use of the hygienist by younger dentists entering the field and the increasing availability and use of dental insurance. The American Dental Hygienist Association estimated that there were approximately 81,000 actively practicing dental hygienists in the United States. However, 17% of the individuals holding active dental hygiene licenses do not practice.

According to the Commission on Dental Accreditation of the American Dental Association, there are 235 accredited dental hygiene programs in the country in 2003. Since 1991, the number of graduates has increased by 23%.

Dental assistants held about 247,000 jobs in 2000. Almost two out of five worked part time, sometimes in more than one dental office. Virtually all dental assistants work in private dental offices though a small number work in dental schools, private and government hospitals, state and local public health departments, or clinics.
Dental assisting programs reached a high in 1988, declined in 1990, and stabilized in the late 1990s. The number of graduates grew from 3,848 in 1992 to 5,270 in 1998, an increase of 27%. This trend occurred at national, regional, and state levels.

Dental laboratory technicians held about 43,000 jobs in 2000. Most jobs were in commercial dental laboratories, which usually are small, privately owned businesses with fewer than five employees. However, some laboratories are large; a few employ more than 50 technicians. Some dental laboratory technicians work in dentists’ offices. Others work for hospitals providing dental services, including U.S. Department of Veterans Affairs hospitals. Some technicians work in dental laboratories in their homes in addition to their regular jobs.

The 45 accredited dental laboratory technology programs graduated 404 laboratory technicians in 1991. In 1998, the number of programs had dropped to 35 and the graduates to 381. From 1988 to 1991, there was a 29% decline in the number of graduates; from 1991 to 1998 there was an additional small decline of 6%.

TABLE 3.15
Accredited Dental Assistant, Dental Hygienist, and Dental Laboratory Technician programs in the United States

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Dental Assistant</td>
<td>290</td>
<td>244</td>
<td>229</td>
<td>260</td>
</tr>
<tr>
<td>Dental Hygienist</td>
<td>198</td>
<td>202</td>
<td>212</td>
<td>267</td>
</tr>
<tr>
<td>Dental Laboratory Technician</td>
<td>58</td>
<td>49</td>
<td>37</td>
<td>26</td>
</tr>
</tbody>
</table>


Regional Supply and Demand
In 1995, there were 153,346 active dentists in the United States, which translates into 58.3 dentists per 100,000 people. However, dentists are not evenly dispersed throughout the country. Dentist-to-population ratios vary widely from one region of the country to another. As of 1995, the Northeast region had 72.1 active dentists to 100,000 population, the West had 61.6, and the South had 47.3 dentists per 100,000 population. At 50.8 dentists per 100,000 population, Tennessee ranks above the regional average, but below the national average (estimated by the Bureau of Health Professions based on unpublished data from the ADA, 1999).

Data from SREB showed 89 active programs in dental hygiene in the region, which graduated 1,744 students in 1998. This represented 38% of the nation’s programs and 33.4% of its graduates.

The number of dental laboratory programs in the SREB region decreased by 82%, while the number of graduates increased. In 1990, SREB states sponsored 31 dental laboratory technology programs graduating 171 students. In 1998, the number of programs decreased to 17 but produced 270 graduates. The SREB region produced 71% of all the nation’s graduates in that year (Health Professions Education Directory, 1999).

State Supply and Demand
Tennessee state data reveals that the dental professions continue to be occupations where opportunities will continue to grow (Table 3.16). In 1998, there were 117 graduates of accredited dental hygiene programs and 160 openings, leaving an unmet need of 43. The unmet need for dental assistants was even greater. In 1998, Tennessee graduated 100 dental assistants yet there were 222 openings. The same pattern was true for dental lab technicians, although the numbers were substantially smaller. In 1998, there were only eight graduates and 39 openings.

Salary information can be found on pages 220 and 221.
TABLE 3.16
Tennessee Supply and Demand Data

<table>
<thead>
<tr>
<th></th>
<th>Openings 2000</th>
<th>Openings 2010</th>
<th>Average Annual Openings</th>
<th>Annual Rate of Growth (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dental Hygienist</td>
<td>1,320</td>
<td>1,630</td>
<td>30</td>
<td>2.1</td>
</tr>
<tr>
<td>Dental Assistant</td>
<td>4,150</td>
<td>5,120</td>
<td>100</td>
<td>2.1</td>
</tr>
<tr>
<td>Dental Laboratory Technician</td>
<td>830</td>
<td>740</td>
<td>0</td>
<td>0.0</td>
</tr>
</tbody>
</table>


In 2000, there were 140 dental hygienist graduates, 123 dental assistant graduates, and 122 dentists in Tennessee.

In 2000, the estimated employment of dental hygienists in Tennessee was 1,320. The projected number of dental hygienists in 2010 is 1,630. The growth rate is 2.1%, with 30 average annual openings. The average 10-year openings for dental hygienists are 310. The estimated employment of dental assistants in 2000 was 4,150. The projected employment for 2010 is 5,120 dental assistants. The growth rate is 2.1% with 100 average annual openings and 970 average 10-year openings. The estimated employment of dental laboratory technicians in 2000 is 830. The projected employment in 2010 is expected to drop to 740, representing a negative growth rate of 1.1%. There will be zero job openings annually and zero 10-year openings.

TABLE 3.17
Number of Licensed Dental Hygienists and Dental Assistants in Tennessee in 2000, 2001, and 2002

<table>
<thead>
<tr>
<th></th>
<th>2000</th>
<th>2001</th>
<th>2002</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dental Hygienists</td>
<td>2,920</td>
<td>3,011</td>
<td>3,090</td>
</tr>
<tr>
<td>Dental Assistants</td>
<td>3,720</td>
<td>3,814</td>
<td>4,018</td>
</tr>
</tbody>
</table>


There are eight dental assistant programs in Tennessee. Certificate programs are located at Chattanooga State Technical Community College, East Tennessee State University, and Volunteer State Community College. Diploma programs are located at Tennessee Technology Center–Dickson, Tennessee Technology Center–Knoxville, Tennessee Technology Center–Memphis, and Tennessee Technology Center–Murfreesboro. Concorde Career Center offers both a certificate and A.A.S. degree. All programs last between 9 and 12 months.

Tennessee has five programs in dental hygiene. Chattanooga State Technical Community College, East Tennessee State University, and Roane State Community College offer A.A.S. programs that last 19 to 21 months. The University of Tennessee Health Science Center offers a B.S. program that lasts 21 months. Tennessee State University offers a certificate program that lasts 17 months and an A.A.S. program lasting 24 months.

There is one dental laboratory technician program in Tennessee. East Tennessee State University awards an A.A.S. degree and the program lasts 18 months.

Statewide demand figures show that the greatest unmet need in dental services is in dental assisting. Given the potential for on-the-job training and the ability of AVT schools to respond to dental assistant programming needs, AVT schools should be a potential source for new programming.

The Tennessee Department of Labor Assessment rated the demand for dental hygienists and dental assistants as “D” or Favorable Adjusted, which means not all information is favorable but trainees have excellent job placement rates from a technology center, community college, or technical institute. Dental laboratory technician was rated “U” since supply could not be determined for this occupation. (The Source, 2002)
Salary information can be found on pages 220 and 221.
HEALTH INFORMATION SERVICES

Health Information Administrator, Health Information Manager, Medical Transcription

Status
The number of applicants and graduates from Health Information Management (HIM) programs in Tennessee is declining.

Health Information Technician is projected to be one of the 20 fastest growing occupations in the country through 2010.

Currently in Tennessee, the supply of Health Information Technicians (HIT) is not meeting annual demand.

National Supply and Demand
While hospitals are still one of the primary employers of health information professionals, HMOs, ambulatory care facilities, nursing homes, group practices, insurance agencies, accounting companies, and law firms also employ these personnel. Organizations not involved in direct care such as insurance companies and health insurance agencies employ medical records specialists to help set policy, analyze data, and evaluate provider performance. Other employers, such as contract agencies and consulting firms, supply medical records personnel to these institutions and organizations, usually on a temporary and intermittent basis.

Medical records and health information technicians held about 136,000 jobs in 2000. About four out of ten jobs were in hospitals. The rest were mostly in nursing homes, medical group practices, clinics, and home health agencies. Medical and health services managers (administrators) held about 250,000 jobs in 2000. Almost two out of five jobs were in hospitals. About one in five were in nursing and personal care facilities or physician offices and clinics. Medical transcriptionists held about 102,000 jobs in 2000. About two out of five worked in hospitals and another two out of five in physician offices and clinics.

The BLS projects a 49% growth for new medical record and health information technicians through 2010. This translates to a need for 97,000 technicians to fill new jobs and replace workers who leave the field, making this one of the fastest growing health occupations. The BLS also projects the need for 123,000 new medical and health services managers, the category that includes health information administrator with bachelor’s or higher degrees between 2000 and 2010. This data represents an estimate of 6,000 graduates per year. According to the American Health Information Management Association (AHIMA), currently the HIA and HIT programs are graduating about 2,000 HIM professionals per year, only a third of the number needed.

Complicating this is the looming retention of the workforce. The median years of age of the U.S. labor force in 1998 is 38.7. AHIMA member data show that the median age of its member is around 50.

The BLS reports that the demand for medical transcriptionists is expected to grow as well. Individuals who earn an associate degree or an American Association for Medical Transcriptionist certification should have favorable job prospects.

Salary information can be found on pages 220 and 221.
In 2003, there were 47 CAAHEP-accredited health information administrator programs and 186 health information technician programs. In 2002, there were 49 accredited health information administrator programs and 175 accredited health information technician programs in the United States. In 1995 and 1990, there were 53 and 55 health information administrator programs, respectively, and 142 and 108 health information technician programs, respectively.

TABLE 4.1
U.S. Accredited Health Information Administrator (HIA) and Health Information Technician (HIT) Programs

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>HIA</td>
<td>54</td>
<td>55</td>
<td>53</td>
<td>49</td>
<td>47</td>
</tr>
<tr>
<td>HIT</td>
<td>85</td>
<td>108</td>
<td>142</td>
<td>175</td>
<td>186</td>
</tr>
</tbody>
</table>


The number of CAAHEP-accredited programs in health information administration has declined from a high of 57 programs in 1982 to 55 programs in 1992, 50 in 1998, and 47 programs in 2003. During 1982-1992, the number of CAAHEP-accredited HIT programs increased from 85 to 115 programs. By 1998, there were 168 programs. The number of graduates in HIT programs grew from 808 in 1982 to 1,351 in 1992, a 67% increase; by 1998 the number of graduates had increased another 56% to 2,110 and there are now 186 HIT programs in 2003. This indicates an increasing reliance on health information technicians to perform the health data management duties.

Technicians may also gain training through an independent study program in health information technology offered by the AHIMA. Hospitals sometimes advance promising health information clerks to jobs as health information technicians, although this practice may be less common in the future (BLS, 1998).

Regional Supply and Demand
According to the Health Profession Education Directory, there were 20 HIA programs in the SREB region in 2003, representing 42% of the total programs nationwide. There were 84 HIT programs representing 45% of the programs in the U.S.

State Supply and Demand
The Tennessee Department of Employment Security reported that the employment base for health information technologists in 1996 was 2,310. That number is expected to increase to 3,575 in 2006, representing an annual growth rate of 5.5%. In 1996, the supply or number of graduates for the health information technology area was 44 and the average annual openings were 171 for an unmet demand of 127. The Tennessee Department of Employment Security does not collect data on HIAs. However, employment projections for data base administrators, a related field, indicate that there are 45 annual openings. Tennessee graduated 29 in 1998 and 21 in 2002 from its two HIA programs.

In Tennessee, there are two baccalaureate programs in HIA and four programs in health information technology. The administration programs are located at Tennessee State University and the University of Tennessee Health Science Center at Memphis. The health information technician programs that award both a certificate and an A.A.S. degree are located at Chattanooga State Technical Community College, Dyersburg State Community College, and Roane State Community College. These programs last between 21 and 24 months. Volunteer State Community College awards an A.A.S. degree in an 11-month program. The THEC reports 55 graduates in HIT programs in 2002.

In 2000, the estimated employment of medical transcriptionists in Tennessee was 2,740. The projected employment for 2010 is 3,400; representing a 2.2% growth rate and 70 average annual openings. The average 10-year openings for medical transcriptionists in Tennessee are 660. Because this field does not require certification

**Salary information can be found on pages 220 and 221.**
or licensure, the vacancies are not easily identified. The THEC reports 37 certificates from higher education programs in Tennessee for 2002.

**TABLE 4.2**
Tennessee Graduates in Health Information Management

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>HIS</td>
<td>23</td>
<td>26</td>
<td>24</td>
<td>20</td>
<td>28</td>
<td>29</td>
<td>11</td>
<td>21</td>
</tr>
<tr>
<td>HIT</td>
<td>25</td>
<td>26</td>
<td>20</td>
<td>33</td>
<td>18</td>
<td>44</td>
<td>63</td>
<td>55</td>
</tr>
<tr>
<td>Medical Transcriptionist</td>
<td>11</td>
<td>8</td>
<td>4</td>
<td>12</td>
<td>14</td>
<td></td>
<td>37</td>
<td></td>
</tr>
</tbody>
</table>

Health Professions Education Directory, 1999.

**Summary**
In general, the reports discussed in this section indicate an increased need for medical record technicians in the future, more so than medical record administrators. Both fields are experiencing growth; however, the administration occupation has fewer annual openings.

The national demand is projected to increase rapidly and regional reports appear to follow national trends. There should be an increased need for coders and/or medical record technicians and medical transcriptionists. Consideration should be given to statewide distribution of health information technician programs.
Hospital and Medical Personnel Data
## Occupational Employment Projections in Tennessee

**For a base year of 2004 and a projected year of 2014**

Source: Tennessee Department of Labor and Workforce Development, 2006–www.state.tn.us/labor-wfd

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Anesthesiologists</td>
<td>600</td>
<td>740</td>
<td>140</td>
<td>2.0</td>
<td>22.4</td>
</tr>
<tr>
<td>Athletic Trainers</td>
<td>450</td>
<td>510</td>
<td>60</td>
<td>1.3</td>
<td>14.3</td>
</tr>
<tr>
<td>Audiologists</td>
<td>200</td>
<td>210</td>
<td>10</td>
<td>0.5</td>
<td>5.5</td>
</tr>
<tr>
<td>Cardiovascular Technologists and Technicians</td>
<td>1,080</td>
<td>1,280</td>
<td>210</td>
<td>1.8</td>
<td>19.3</td>
</tr>
<tr>
<td>Chiropractors</td>
<td>320</td>
<td>390</td>
<td>80</td>
<td>2.1</td>
<td>23.7</td>
</tr>
<tr>
<td>Dental Assistants</td>
<td>4,670</td>
<td>6,720</td>
<td>2,060</td>
<td>3.7</td>
<td>44.0</td>
</tr>
<tr>
<td>Dental Hygienists</td>
<td>2,600</td>
<td>3,740</td>
<td>1,140</td>
<td>3.7</td>
<td>44.0</td>
</tr>
<tr>
<td>Dentists</td>
<td>1,950</td>
<td>2,440</td>
<td>490</td>
<td>2.3</td>
<td>25.3</td>
</tr>
<tr>
<td>Diagnostic Medical Sonographers</td>
<td>900</td>
<td>1,190</td>
<td>290</td>
<td>2.8</td>
<td>32.1</td>
</tr>
<tr>
<td>Dietetic Technicians</td>
<td>540</td>
<td>650</td>
<td>110</td>
<td>1.9</td>
<td>20.7</td>
</tr>
<tr>
<td>Dietitians and Nutritionists</td>
<td>980</td>
<td>1,110</td>
<td>130</td>
<td>1.3</td>
<td>13.3</td>
</tr>
<tr>
<td>Emergency Medical Technicians and Paramedics</td>
<td>6,140</td>
<td>7,860</td>
<td>1,720</td>
<td>2.5</td>
<td>28.0</td>
</tr>
<tr>
<td>Epidemiologist</td>
<td>50</td>
<td>60</td>
<td>10</td>
<td>1.4</td>
<td>14.6</td>
</tr>
<tr>
<td>Family and General Practitioners</td>
<td>2,710</td>
<td>3,210</td>
<td>500</td>
<td>1.7</td>
<td>18.2</td>
</tr>
<tr>
<td>Health Care Practitioners and Technical Occupations</td>
<td>150,780</td>
<td>185,950</td>
<td>35,160</td>
<td>2.1</td>
<td>23.3</td>
</tr>
<tr>
<td>Health Care Support Occupations</td>
<td>63,990</td>
<td>83,600</td>
<td>19,610</td>
<td>2.7</td>
<td>30.6</td>
</tr>
<tr>
<td>Health Care Support Workers, All Other</td>
<td>1,840</td>
<td>2,190</td>
<td>350</td>
<td>1.8</td>
<td>18.9</td>
</tr>
<tr>
<td>Health Diagnosing and Treating Practitioners</td>
<td>83,900</td>
<td>104,150</td>
<td>20,250</td>
<td>2.2</td>
<td>24.1</td>
</tr>
<tr>
<td>Health Diagnosing and Treating Practitioners, All Other</td>
<td>1,380</td>
<td>1,810</td>
<td>420</td>
<td>2.7</td>
<td>30.6</td>
</tr>
<tr>
<td>Health Professionals and Technicians, All Other (OES only)</td>
<td>1,830</td>
<td>2,210</td>
<td>380</td>
<td>1.9</td>
<td>20.8</td>
</tr>
<tr>
<td>Health Technologists and Technicians</td>
<td>63,940</td>
<td>78,300</td>
<td>14,360</td>
<td>2.0</td>
<td>22.5</td>
</tr>
<tr>
<td>Home Health Aides</td>
<td>82,00</td>
<td>10,740</td>
<td>2,540</td>
<td>2.7</td>
<td>30.9</td>
</tr>
<tr>
<td>Internists, General</td>
<td>1,600</td>
<td>1,950</td>
<td>350</td>
<td>2.0</td>
<td>21.9</td>
</tr>
<tr>
<td>Licensed Practical and Licensed Vocational Nurses</td>
<td>22,400</td>
<td>26,250</td>
<td>3,850</td>
<td>1.6</td>
<td>17.2</td>
</tr>
<tr>
<td>Massage Therapist</td>
<td>1,370</td>
<td>1,550</td>
<td>180</td>
<td>1.2</td>
<td>12.8</td>
</tr>
<tr>
<td>Medical and Clinical Laboratory Technicians</td>
<td>4,360</td>
<td>5,520</td>
<td>1,150</td>
<td>2.4</td>
<td>26.5</td>
</tr>
<tr>
<td>Medical and Clinical Laboratory Technologists</td>
<td>4,020</td>
<td>4,860</td>
<td>840</td>
<td>1.9</td>
<td>20.9</td>
</tr>
<tr>
<td>Medical Assistants</td>
<td>8,290</td>
<td>12,170</td>
<td>3,880</td>
<td>3.9</td>
<td>46.8</td>
</tr>
<tr>
<td>Medical Equipment Preparers</td>
<td>520</td>
<td>610</td>
<td>90</td>
<td>1.6</td>
<td>17.5</td>
</tr>
<tr>
<td>Medical Records and Health Information Technicians</td>
<td>2,670</td>
<td>3,720</td>
<td>850</td>
<td>2.6</td>
<td>29.6</td>
</tr>
<tr>
<td>Medical Transcriptionians</td>
<td>2,110</td>
<td>2,580</td>
<td>480</td>
<td>2.1</td>
<td>22.6</td>
</tr>
<tr>
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Continued on next page
### Industry Employment and Projections data in Tennessee

**For base year of 2004 to projected year of 2014**

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<td>470</td>
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<th>Projected Employment</th>
<th>Total Employment Change</th>
<th>Annual Average Percent Change</th>
<th>Total Percent Change</th>
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<td>670</td>
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## Wage Estimates—Health Care Practitioner and Technical Occupations

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<th>Occupation Title</th>
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<th>Mean Hourly</th>
<th>Mean Annual (2)</th>
<th>Mean RSE (3)</th>
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<td>(8)</td>
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<td>Podiatrists</td>
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<td>Radiation Therapians</td>
<td>270</td>
<td>$27.59</td>
<td>$28.90</td>
<td>$60,110</td>
<td>1.9 %</td>
</tr>
<tr>
<td>Radiologic Technologists and Technicians</td>
<td>5,060</td>
<td>$20.68</td>
<td>$20.77</td>
<td>$43,200</td>
<td>2.1 %</td>
</tr>
<tr>
<td>Recreational Therapians</td>
<td>460</td>
<td>$15.29</td>
<td>$16.25</td>
<td>$33,800</td>
<td>4.1 %</td>
</tr>
<tr>
<td>Registered Nurses</td>
<td>52,090</td>
<td>$23.50</td>
<td>$24.64</td>
<td>$51,250</td>
<td>1.6 %</td>
</tr>
<tr>
<td>Respiratory Therapians</td>
<td>2,590</td>
<td>$20.29</td>
<td>$20.92</td>
<td>$43,520</td>
<td>1.3 %</td>
</tr>
<tr>
<td>Respiratory Therapy Technicians</td>
<td>660</td>
<td>$16.45</td>
<td>$16.34</td>
<td>$33,990</td>
<td>1.0 %</td>
</tr>
<tr>
<td>Speech-Language Pathologists</td>
<td>1,630</td>
<td>$25.58</td>
<td>$26.59</td>
<td>$55,300</td>
<td>1.6 %</td>
</tr>
<tr>
<td>Surgeons</td>
<td>920</td>
<td>(5)</td>
<td>$87.29</td>
<td>$161,570</td>
<td>5.0 %</td>
</tr>
<tr>
<td>Surgical Technologist</td>
<td>2,860</td>
<td>$15.59</td>
<td>$16.38</td>
<td>$34,070</td>
<td>2.1 %</td>
</tr>
<tr>
<td>Therapists, All Other</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Veterinarians</td>
<td>940</td>
<td>$29.40</td>
<td>$29.88</td>
<td>$62,150</td>
<td>5.7 %</td>
</tr>
<tr>
<td>Veterinary Technologist and Technicians</td>
<td>1,210</td>
<td>$10.20</td>
<td>$10.51</td>
<td>$21,860</td>
<td>3.3 %</td>
</tr>
</tbody>
</table>
### Wage Estimates—Health Care Support Occupations

<table>
<thead>
<tr>
<th>Occupation Title</th>
<th>Employment (1)</th>
<th>Median Hourly</th>
<th>Mean Hourly</th>
<th>Mean Annual (2)</th>
<th>Mean RSE (3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health Care Support Occupations</td>
<td>62,570</td>
<td>$9.96</td>
<td>$10.79</td>
<td>$22,440</td>
<td>0.8 %</td>
</tr>
<tr>
<td>Dental Assistants</td>
<td>4,850</td>
<td>$14.29</td>
<td>$14.10</td>
<td>$29,330</td>
<td>2.9 %</td>
</tr>
<tr>
<td>Health Care Support Workers, All Other</td>
<td>1,910</td>
<td>$12.04</td>
<td>$12.81</td>
<td>$26,640</td>
<td>2.1 %</td>
</tr>
<tr>
<td>Home Health Aides</td>
<td>8,150</td>
<td>$8.29</td>
<td>$8.69</td>
<td>$18,080</td>
<td>2.1 %</td>
</tr>
<tr>
<td>Massage Therapists</td>
<td>520</td>
<td>$12.04</td>
<td>$14.53</td>
<td>$30,220</td>
<td>10.9 %</td>
</tr>
<tr>
<td>Medical Assistants</td>
<td>8,690</td>
<td>$11.05</td>
<td>$11.38</td>
<td>$23,680</td>
<td>1.2 %</td>
</tr>
<tr>
<td>Medical Equipment Preparers</td>
<td>470</td>
<td>$10.94</td>
<td>$11.66</td>
<td>$24,240</td>
<td>2.2 %</td>
</tr>
<tr>
<td>Medical Transcriptionists</td>
<td>2,070</td>
<td>$13.05</td>
<td>$13.64</td>
<td>$28,370</td>
<td>2.5 %</td>
</tr>
<tr>
<td>Nursing Aides, Orderlies, and Attendants</td>
<td>29,890</td>
<td>$9.49</td>
<td>$9.58</td>
<td>$19,930</td>
<td>0.6 %</td>
</tr>
<tr>
<td>Occupational Therapist Aides</td>
<td>70</td>
<td>$11.41</td>
<td>$14.51</td>
<td>$30,190</td>
<td>6.8 %</td>
</tr>
<tr>
<td>Occupational Therapist Assistants</td>
<td>410</td>
<td>$20.67</td>
<td>$21.36</td>
<td>$44,430</td>
<td>1.4 %</td>
</tr>
<tr>
<td>Pharmacy Aides</td>
<td>950</td>
<td>$8.76</td>
<td>$9.18</td>
<td>$19,100</td>
<td>2.1 %</td>
</tr>
<tr>
<td>Physical Therapist Aides</td>
<td>720</td>
<td>$9.69</td>
<td>$10.24</td>
<td>$21,300</td>
<td>3.3 %</td>
</tr>
<tr>
<td>Physical Therapist Assistants</td>
<td>2,270</td>
<td>$19.20</td>
<td>$18.93</td>
<td>$39,380</td>
<td>2.6 %</td>
</tr>
<tr>
<td>Psychiatric Aides</td>
<td>180</td>
<td>$9.22</td>
<td>$9.44</td>
<td>$19,640</td>
<td>4.8 %</td>
</tr>
<tr>
<td>Veterinary Assistants and Laboratory Animal Caretakers</td>
<td>1,420</td>
<td>$9.41</td>
<td>$10.20</td>
<td>$21,210</td>
<td>3.8 %</td>
</tr>
</tbody>
</table>

1. Estimates for detailed occupations do not sum to the totals because the totals include occupations not shown separately. Estimates do not include self-employed workers.

2. Annual wages have been calculated by multiplying the hourly mean wage by a "year-round, full-time" hours figure of 2,080 hours; for those occupations where there is not an hourly mean wage published, the annual wage has been directly calculated from the reported survey data.

3. The relative standard error (RSE) is a measure of the reliability of a survey statistic. The smaller the relative standard error, the more precise the estimate.

4. Hourly wage rates for some occupations where workers typically work fewer than 2,080 hours per year are not available.

5. This wage is equal to or greater than $70.00 per hour or $145,600 per year.

6. There is wide variation in the number of hours worked by those employed as actors, dancers, musicians, and singers. Many jobs are for a duration of one day or one week and it is extremely rare for a performer to have guaranteed employment for a period that exceeds three to six months.

7. Blank

8. Estimates not released.

### 2005 Hospital Vacancy Data

#### Registered Nurses

<table>
<thead>
<tr>
<th>County</th>
<th>Registered FTE Employees</th>
<th>Registered nurses budgeted vacancies</th>
<th>Psychiatrists RNs FTE employees</th>
<th>Psychiatrists RNs budgeted vacancies</th>
<th>Chemicals RNs FTE employees</th>
<th>Chemicals RNs budgeted vacancies</th>
<th>Total RN Vacancies</th>
<th>Total RN Positions</th>
<th>Percent of total RN positions that are vacant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Davidson</td>
<td>5165.8</td>
<td>400.0</td>
<td>180.4</td>
<td>14.0</td>
<td>26.8</td>
<td>0.0</td>
<td>0.0</td>
<td>5787.0</td>
<td>7.2 %</td>
</tr>
<tr>
<td>Dickson</td>
<td>153.0</td>
<td>0.0</td>
<td>5.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>158.0</td>
<td>0.0 %</td>
</tr>
<tr>
<td>Robertson</td>
<td>149.8</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>149.8</td>
<td>0.0 %</td>
</tr>
<tr>
<td>Rutherford</td>
<td>634.9</td>
<td>92.3</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>727.2</td>
<td>12.7 %</td>
</tr>
<tr>
<td>Sumner</td>
<td>287.6</td>
<td>16.9</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>304.5</td>
<td>5.6 %</td>
</tr>
<tr>
<td>Trousdale</td>
<td>8.7</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>8.7</td>
<td>0.0 %</td>
</tr>
<tr>
<td>Williamson</td>
<td>199.0</td>
<td>17.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>216.0</td>
<td>7.9 %</td>
</tr>
<tr>
<td>Wilson</td>
<td>170.0</td>
<td>23.0</td>
<td>25.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>218.0</td>
<td>10.6 %</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>6768.8</strong></td>
<td><strong>549.2</strong></td>
<td><strong>210.4</strong></td>
<td><strong>14.0</strong></td>
<td><strong>26.8</strong></td>
<td><strong>0.0</strong></td>
<td><strong>563.2</strong></td>
<td><strong>7569.2</strong></td>
<td><strong>7.4 %</strong></td>
</tr>
</tbody>
</table>

#### Licensed Practical Nurses

<table>
<thead>
<tr>
<th>County</th>
<th>LPNs FTE Employees</th>
<th>LPNs budgeted vacancies</th>
<th>Total LPN Positions</th>
<th>Percent of total LPN positions that are vacant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Davidson</td>
<td>677.4</td>
<td>20.7</td>
<td>698.1</td>
<td>3.0 %</td>
</tr>
<tr>
<td>Dickson</td>
<td>31.0</td>
<td>0.0</td>
<td>31.0</td>
<td>0.0 %</td>
</tr>
<tr>
<td>Robertson</td>
<td>43.4</td>
<td>0.0</td>
<td>43.4</td>
<td>0.0 %</td>
</tr>
<tr>
<td>Rutherford</td>
<td>160.7</td>
<td>9.5</td>
<td>170.2</td>
<td>5.6 %</td>
</tr>
<tr>
<td>Sumner</td>
<td>61.4</td>
<td>0.0</td>
<td>61.4</td>
<td>0.0 %</td>
</tr>
<tr>
<td>Trousdale</td>
<td>9.9</td>
<td>0.0</td>
<td>9.9</td>
<td>0.0 %</td>
</tr>
<tr>
<td>Williamson</td>
<td>25.0</td>
<td>0.0</td>
<td>25.0</td>
<td>0.0 %</td>
</tr>
<tr>
<td>Wilson</td>
<td>54.0</td>
<td>4.0</td>
<td>58.0</td>
<td>6.9 %</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>1062.8</strong></td>
<td><strong>34.2</strong></td>
<td><strong>1097.0</strong></td>
<td><strong>3.1 %</strong></td>
</tr>
</tbody>
</table>
## Ancillary Nursing

<table>
<thead>
<tr>
<th>County</th>
<th>Ancillary Nursing FTE Employees</th>
<th>Ancillary Nursing budgeted vacancies</th>
<th>Total Ancillary Nursing positions</th>
<th>Percent of total Ancillary Nursing positions that are vacant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Davidson</td>
<td>1532.7</td>
<td>93.2</td>
<td>1625.9</td>
<td>5.7 %</td>
</tr>
<tr>
<td>Dickson</td>
<td>41.0</td>
<td>0.0</td>
<td>41.0</td>
<td>0.0 %</td>
</tr>
<tr>
<td>Robertson</td>
<td>27.5</td>
<td>0.0</td>
<td>27.5</td>
<td>0.0 %</td>
</tr>
<tr>
<td>Rutherford</td>
<td>144.9</td>
<td>27.0</td>
<td>171.9</td>
<td>15.7 %</td>
</tr>
<tr>
<td>Sumner</td>
<td>45.9</td>
<td>0.0</td>
<td>45.9</td>
<td>0.0 %</td>
</tr>
<tr>
<td>Trousdale</td>
<td>8.0</td>
<td>0.0</td>
<td>8.0</td>
<td>0.0 %</td>
</tr>
<tr>
<td>Williamson</td>
<td>72.0</td>
<td>3.0</td>
<td>75.0</td>
<td>4.0 %</td>
</tr>
<tr>
<td>Wilson</td>
<td>50.0</td>
<td>4.0</td>
<td>54.0</td>
<td>7.4 %</td>
</tr>
<tr>
<td>Total</td>
<td>1922.0</td>
<td>127.2</td>
<td>2049.2</td>
<td>6.2 %</td>
</tr>
</tbody>
</table>

## Medical Technologist

<table>
<thead>
<tr>
<th>County</th>
<th>Medical Technologist Personnel FTE Employees</th>
<th>Medical Technologist Personnel budgeted vacancies</th>
<th>Total Medical Technologist positions</th>
<th>Percent of total Medical Technologist positions that are vacant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Davidson</td>
<td>377.0</td>
<td>5.3</td>
<td>382.3</td>
<td>1.4</td>
</tr>
<tr>
<td>Dickson</td>
<td>11.0</td>
<td>0.0</td>
<td>11.0</td>
<td>0.0</td>
</tr>
<tr>
<td>Robertson</td>
<td>14.3</td>
<td>0.0</td>
<td>14.3</td>
<td>0.0</td>
</tr>
<tr>
<td>Rutherford</td>
<td>37.9</td>
<td>1.0</td>
<td>38.9</td>
<td>2.6</td>
</tr>
<tr>
<td>Sumner</td>
<td>28.7</td>
<td>0.0</td>
<td>28.7</td>
<td>0.0</td>
</tr>
<tr>
<td>Trousdale</td>
<td>5.8</td>
<td>0.0</td>
<td>5.8</td>
<td>0.0</td>
</tr>
<tr>
<td>Williamson</td>
<td>19.0</td>
<td>0.0</td>
<td>19.0</td>
<td>0.0</td>
</tr>
<tr>
<td>Wilson</td>
<td>12.0</td>
<td>0.0</td>
<td>12.0</td>
<td>0.0</td>
</tr>
<tr>
<td>Total</td>
<td>505.7</td>
<td>6.3</td>
<td>512.0</td>
<td>1.2 %</td>
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</tbody>
</table>

## Radiologic Technologist

<table>
<thead>
<tr>
<th>County</th>
<th>Radiologic Technologist Personnel FTE Employees</th>
<th>Radiologic Technologist Personnel budgeted vacancies</th>
<th>Total Radiologic Technologist positions</th>
<th>Percent of total Radiologic Technologist positions that are vacant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Davidson</td>
<td>266.0</td>
<td>0.3</td>
<td>266.3</td>
<td>0.1 %</td>
</tr>
<tr>
<td>Dickson</td>
<td>22.0</td>
<td>0.0</td>
<td>22.0</td>
<td>0.0 %</td>
</tr>
<tr>
<td>Robertson</td>
<td>27.4</td>
<td>0.0</td>
<td>27.4</td>
<td>0.0 %</td>
</tr>
<tr>
<td>Rutherford</td>
<td>71.4</td>
<td>9.4</td>
<td>80.8</td>
<td>11.6 %</td>
</tr>
<tr>
<td>Sumner</td>
<td>46.9</td>
<td>0.2</td>
<td>47.1</td>
<td>0.4 %</td>
</tr>
<tr>
<td>Trousdale</td>
<td>2.5</td>
<td>0.0</td>
<td>2.5</td>
<td>0.0 %</td>
</tr>
<tr>
<td>Williamson</td>
<td>38.0</td>
<td>2.0</td>
<td>40.0</td>
<td>5.0 %</td>
</tr>
<tr>
<td>Wilson</td>
<td>22.0</td>
<td>0.0</td>
<td>22.0</td>
<td>0.0 %</td>
</tr>
<tr>
<td>Total</td>
<td>496.2</td>
<td>11.9</td>
<td>508.1</td>
<td>2.3 %</td>
</tr>
</tbody>
</table>
### Surgical Technologist

<table>
<thead>
<tr>
<th>County</th>
<th>Surgical Technologist FTE Employees</th>
<th>Surgical Technologist budgeted vacancies</th>
<th>Total Surgical Technologist positions</th>
<th>Percent of total Surgical Technologist positions that are vacant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Davidson</td>
<td>367.7</td>
<td>17.8</td>
<td>385.4</td>
<td>4.6 %</td>
</tr>
<tr>
<td>Dickson</td>
<td>7.0</td>
<td>0.0</td>
<td>7.0</td>
<td>0.0 %</td>
</tr>
<tr>
<td>Robertson</td>
<td>11.3</td>
<td>0.0</td>
<td>11.3</td>
<td>0.0 %</td>
</tr>
<tr>
<td>Rutherford</td>
<td>35.2</td>
<td>2.8</td>
<td>38.0</td>
<td>7.4 %</td>
</tr>
<tr>
<td>Sumner</td>
<td>27.9</td>
<td>0.0</td>
<td>27.9</td>
<td>0.0 %</td>
</tr>
<tr>
<td>Trousdale</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0 %</td>
</tr>
<tr>
<td>Williamson</td>
<td>23.0</td>
<td>6.0</td>
<td>29.0</td>
<td>20.7 %</td>
</tr>
<tr>
<td>Wilson</td>
<td>15.0</td>
<td>3.0</td>
<td>18.0</td>
<td>16.7 %</td>
</tr>
<tr>
<td>Total</td>
<td>487.0</td>
<td>29.6</td>
<td>516.6</td>
<td>5.7 %</td>
</tr>
</tbody>
</table>

### Pharmacist

<table>
<thead>
<tr>
<th>County</th>
<th>Pharmacist FTE Employees</th>
<th>Pharmacist budgeted vacancies</th>
<th>Total Pharmacist positions</th>
<th>Percent of total Pharmacist positions that are vacant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Davidson</td>
<td>218.7</td>
<td>9.7</td>
<td>228.4</td>
<td>4.2 %</td>
</tr>
<tr>
<td>Dickson</td>
<td>1.0</td>
<td>0.0</td>
<td>1.0</td>
<td>0.0 %</td>
</tr>
<tr>
<td>Robertson</td>
<td>4.8</td>
<td>0.0</td>
<td>4.8</td>
<td>0.0 %</td>
</tr>
<tr>
<td>Rutherford</td>
<td>29.0</td>
<td>3.0</td>
<td>32.0</td>
<td>9.4 %</td>
</tr>
<tr>
<td>Sumner</td>
<td>6.3</td>
<td>0.0</td>
<td>6.3</td>
<td>0.0 %</td>
</tr>
<tr>
<td>Trousdale</td>
<td>1.0</td>
<td>0.0</td>
<td>1.0</td>
<td>0.0 %</td>
</tr>
<tr>
<td>Williamson</td>
<td>7.0</td>
<td>0.0</td>
<td>7.0</td>
<td>0.0 %</td>
</tr>
<tr>
<td>Wilson</td>
<td>4.0</td>
<td>0.0</td>
<td>4.0</td>
<td>0.0 %</td>
</tr>
<tr>
<td>Total</td>
<td>271.8</td>
<td>12.7</td>
<td>284.5</td>
<td>4.5 %</td>
</tr>
</tbody>
</table>

### Occupational Therapist

<table>
<thead>
<tr>
<th>County</th>
<th>Occupational Therapist FTE Employees</th>
<th>Occupational Therapist budgeted vacancies</th>
<th>Total Occupational Therapist positions</th>
<th>Percent of total Occupational Therapist positions that are vacant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Davidson</td>
<td>60.4</td>
<td>3.3</td>
<td>63.7</td>
<td>5.2 %</td>
</tr>
<tr>
<td>Dickson</td>
<td>1.0</td>
<td>0.0</td>
<td>1.0</td>
<td>0.0 %</td>
</tr>
<tr>
<td>Robertson</td>
<td>0.2</td>
<td>0.0</td>
<td>0.2</td>
<td>0.0 %</td>
</tr>
<tr>
<td>Rutherford</td>
<td>9.8</td>
<td>0.0</td>
<td>9.8</td>
<td>0.0 %</td>
</tr>
<tr>
<td>Sumner</td>
<td>4.9</td>
<td>0.0</td>
<td>4.9</td>
<td>0.0 %</td>
</tr>
<tr>
<td>Trousdale</td>
<td>0.2</td>
<td>0.0</td>
<td>0.2</td>
<td>0.0 %</td>
</tr>
<tr>
<td>Williamson</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0 %</td>
</tr>
<tr>
<td>Wilson</td>
<td>4.0</td>
<td>0.0</td>
<td>4.0</td>
<td>0.0 %</td>
</tr>
<tr>
<td>Total</td>
<td>80.5</td>
<td>3.3</td>
<td>83.8</td>
<td>3.9 %</td>
</tr>
</tbody>
</table>
### Physical Therapist

<table>
<thead>
<tr>
<th>County</th>
<th>Physical Therapist FTE Employees</th>
<th>Physical Therapist budgeted vacancies</th>
<th>Total Physical Therapist positions</th>
<th>Percent of total Physical Therapist positions that are vacant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Davidson</td>
<td>138.9</td>
<td>8.4</td>
<td>147.3</td>
<td>5.7 %</td>
</tr>
<tr>
<td>Dickson</td>
<td>1.0</td>
<td>0.0</td>
<td>1.0</td>
<td>0.0 %</td>
</tr>
<tr>
<td>Robertson</td>
<td>1.5</td>
<td>0.0</td>
<td>1.5</td>
<td>0.0 %</td>
</tr>
<tr>
<td>Rutherford</td>
<td>16.1</td>
<td>0.2</td>
<td>16.3</td>
<td>1.2 %</td>
</tr>
<tr>
<td>Sumner</td>
<td>15.6</td>
<td>0.0</td>
<td>15.6</td>
<td>0.0 %</td>
</tr>
<tr>
<td>Trousdale</td>
<td>1.5</td>
<td>0.0</td>
<td>1.5</td>
<td>0.0 %</td>
</tr>
<tr>
<td>Williamson</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0 %</td>
</tr>
<tr>
<td>Wilson</td>
<td>8.0</td>
<td>2.0</td>
<td>10.0</td>
<td>20.0 %</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>182.6</strong></td>
<td><strong>10.6</strong></td>
<td><strong>193.2</strong></td>
<td><strong>5.5 %</strong></td>
</tr>
</tbody>
</table>

### Respiratory Therapist

<table>
<thead>
<tr>
<th>County</th>
<th>Respiratory Therapist FTE Employees</th>
<th>Respiratory Therapist budgeted vacancies</th>
<th>Total Respiratory Therapist positions</th>
<th>Percent of total Respiratory Therapist positions that are vacant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Davidson</td>
<td>352.7</td>
<td>12.7</td>
<td>365.4</td>
<td>3.5 %</td>
</tr>
<tr>
<td>Dickson</td>
<td>4.0</td>
<td>0.0</td>
<td>4.0</td>
<td>0.0 %</td>
</tr>
<tr>
<td>Robertson</td>
<td>8.6</td>
<td>0.0</td>
<td>8.6</td>
<td>0.0 %</td>
</tr>
<tr>
<td>Rutherford</td>
<td>43.8</td>
<td>4.6</td>
<td>48.4</td>
<td>9.5 %</td>
</tr>
<tr>
<td>Sumner</td>
<td>24.5</td>
<td>0.0</td>
<td>24.5</td>
<td>0.0 %</td>
</tr>
<tr>
<td>Trousdale</td>
<td>5.0</td>
<td>0.0</td>
<td>5.0</td>
<td>0.0 %</td>
</tr>
<tr>
<td>Williamson</td>
<td>13.0</td>
<td>1.0</td>
<td>14.0</td>
<td>7.1 %</td>
</tr>
<tr>
<td>Wilson</td>
<td>12.0</td>
<td>0.0</td>
<td>12.0</td>
<td>0.0 %</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>463.6</strong></td>
<td><strong>18.3</strong></td>
<td><strong>481.9</strong></td>
<td><strong>3.8 %</strong></td>
</tr>
</tbody>
</table>

Source: Joint Annual Report (JAR) for Hospitals, Tennessee Hospital Association
TENNESSEE NURSING PROFILES—2005

REGISTERED NURSES IN ACTIVE PRACTICE
(Defined as active license in Tennessee, working full- or part-time in nursing and residing in Tennessee or contiguous states)

Total Active Practice RNs 69,441

A. Tennessee Residents 61,514
   Practice in Tennessee 51,419
   Practice in another state 4,019

B. Resident of another state 7,286
   Practice in Tennessee 1,533

C. Gender composition
   91%—62,957 Female
   9%—6,445 Male

D. Racial/ethnic background
   8%—5,372 African American
   3%—1,810 Other
   90%—62,259 Caucasian

E. Education preparation (described as highest degree earned)
   13%—9,049 Diploma
   46%—31,853 Associate
   32%—22,136 B.S.N.
   9%—6,099 Master’s
   .4%—291 Doctorate

NON-PRACTICING REGISTERED NURSES
(Defined as actively licensed nurses not currently working in nursing who reside in Tennessee or contiguous state)

Total 3,426

The following organizations employ a variety of allied health and nursing professions. Please also note the schools and training programs listed in other sections of this handbook for other potential employment opportunities. Additional employers may also be identified by contacting professional organizations cited in this handbook. There are many other careers that do not involve direct patient care but provide opportunities to work within health care such as accounting, consulting, advertising, and many more. This list, while extensive, represents a small portion of the opportunities available for those interested in a health care or health care-related occupation.

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ACUTE CARE, AMBULATORY/OUTPATIENT AND MEDICAL CLINICS

Acute care facilities (hospitals), ambulatory/outpatient, and medical clinics may employ many health care professionals. These employers may range from large hospitals to small clinics and outpatient centers.

Certified Nursing Assistant
Licensed Practical Nurse
Registered Nurse
Clinical Nurse Specialist
Nurse Practitioner
Certified Nurse Midwife
Certified Registered Nurse Anesthetist
Physical Therapist
Physical Therapist Assistant
Occupational Therapist
Occupational Therapist Assistant
Athletic Trainer
Recreational Therapist
Speech Language Pathologist
Speech Language Pathology Aide and Assistant
Speech Language Pathology Audiologist
Recreational Therapist
Respiratory Therapist and Respiratory Therapist Assistant
Dietitian and Dietetic Technician
Medical Assistant
Surgical Technologist
Emergency Medical Technician—Basic, Intermediate, Paramedic
Radiation Therapist
Diagnostic Radiologic Technologist
Nuclear Medicine Technologist
Diagnostic Medical Sonographer
Medical Technologist, Medical Laboratory Technician, Phlebotomist
Dental Hygienist
Dental Assistant
Dental Laboratory Technician
Health Information Administrator
Health Information Technician
Medical Transcriptionist
Epidemiologist

ACUTE CARE (HOSPITALS)

Baptist Hospital
www.baptisthospital.com
Bernie Sherry
President and CEO
p: (615) 284-5555
f: (615) 284-1592
2000 Church Street
Nashville, TN 37236

Nashville General Hospital at Meharry
www.nashville.org/general_hospital/
Reginald W. Coopwood
CEO
p: (615) 341-4000
f: (615) 341-4493
1818 Albion Street
Nashville, TN 37208

Middle Tennessee Medical Center
www.mtmc.org
Gordon Ferguson
President and CEO
p: (615) 396-4100
400 North Highland Avenue
Murfreesboro, TN 37130

Middle Tennessee Mental Health Institute
www.state.tn.us/mental/mhs/mhs2.html
Lynn McDonald
Chief Officer
p: (615) 902-7400
221 Stewarts Ferry Pike
Nashville, TN 37214

Nashville Rehabilitation Hospital
www.nrhcares.com
Barton W. Huddleston
CEO and Administrator
p: (615) 226-4330
f: (615) 650-0793
610 Gallatin Avenue
Nashville, TN 37206

Saint Thomas Hospital
www.stthomas.org
Les Donahue
President and CEO
p: (615) 222-2111
f: (615) 222-6502
4220 Harding Road
Nashville, TN 37205

NorthCrest Medical Center
www.northcrest.com
Human Resources
100 NorthCrest Drive
Springfield, TN 37172
(615) 384-1513
www.northcrest.com

Sumner Regional Medical Center
www.sumner.org/
William T. Sugg
President and CEO
p: (615) 452-4210
555 Hartsville Pike
Gallatin, TN 37066
Veterans Health Administration
Tennessee Valley Health Care System
www.va.gov
David N. Pennington
Director
Alvin C. York Campus
p: (615) 867-6000
f: (615) 867-5768
3400 Lebanon Pike
Murfreesboro, TN 37129

Nashville Campus
p: (615) 327-4751
f: (615) 321-6350
1310 24th Avenue South
Nashville, TN 37212-2637

Tri-Star Hospitals
www.tristarhealth.com

Centennial Medical Center
Human Resources
2300 Patterson Street
Nashville, TN 37203
(615) 342-1826
www.centennialmedicalcenter.com

Parthenon Pavilion
2401 Parman Place
Nashville, TN 37203
(615) 342-1400
www.parthenonpavilion.com/

Hendersonville Medical Center
Human Resources
355 New Shackle Island Road
Hendersonville, TN 37075
(615) 338-1130
www.hendersonvillemedicalcenter.com

Horizon Medical Center
Human Resources
111 Highway 70 East
Dickson, TN 37055
(615) 740-3408
www.horizonmedicalcenter.com

Portland Medical Center
Human Resources
105 Redbud Drive
Portland, TN 37148
(615) 325-7301
www.portlandmedcenter.com

Sarah Cannon Cancer Center
250 25th Avenue North
Suite 110
Nashville, TN 37203
(615) 986-4300
www.sarahcannon.com/

Skyline Madison Campus
500 Hospital Drive
Madison, TN 37115
(615) 865-0300
www.skylinemadison.com

Skyline Medical Center
Human Resources
3441 Dickerson Pike
Nashville, TN 37207
(615) 769-2210
www.skylinemedicalcenter.com

Southern Hills Medical Center
Human Resources
391 Wallace Road
Nashville, TN 37211
(615) 781-4000
www.southernhills.com

StoneCrest Medical Center
Human Resources
200 StoneCrest Boulevard
Smyrna, TN 37167
(615) 768-2200
www.Stonecrestmedical.com

Summit Medical Center
Human Resources
5655 Frist Blvd.
Hermitage, TN 37076
(615) 316-3550
www.summitmedicalcenter.com

The Women’s Hospital at Centennial
Human Resources
2221 Murphy Avenue
Nashville, TN 37203
(615) 342-1825
www.thewomenshospital.com

Trousdale Medical Center
William D. Mize, Administrator
500 Church Street
Hartsville, TN 37074
(615) 374-2221
www.sumner.org/srhs/trousdale.html
University Medical Center
www.universitymedicalcenter.com
Mark Crawford
President/CEO
p: (615) 444-8262
f: (615) 449-1215
1411 West Baddour Pkwy.
Lebanon, TN 37087

Vanderbilt Hospitals
Monroe Carrell Jr. Children’s Hospital
www.vanderbiltchildrens.com/
Kevin B. Churchwell
Interim Chief Executive Officer
p: (615) 936-1000
Vanderbilt Children’s Hospital
2200 Children’s Way
Nashville, TN 37232

Psychiatric Hospital at Vanderbilt
staging.mc.vanderbilt.edu/root/psychiatric_hosp.html
p: (615) 320-7770
1601 23rd Avenue South
Nashville, TN 37212

Vanderbilt Stallworth Rehabilitation Hospital
www.mc.vanderbilt.edu/ortho/stallworth.html
Dan M. Spengler
Chairman of the Department of Orthopaedics
and Rehabilitation Director
p: (615) 320-7600
2201 Children’s Way
Nashville, TN 37212

Vanderbilt University Hospital
staging.mc.vanderbilt.edu/root/university_hospital.html
p: (615) 322-5000
1210 22nd Avenue South
Nashville, TN 37232

Vanderbilt University Medical Center
www.mc.vanderbilt.edu
Harry R. Jacobson
Vice Chancellor for Health Affairs
p: (615) 322-2116
f: (615) 343-6473
21st Avenue South and Garland Avenue
Nashville, TN 37232

Williamson Medical Center
www.williamsonmedicalcenter.org
Dennis Miller
CEO
p: (615) 435-5000
f: (615) 435-5113
2021 North Carothers Road
Franklin, TN 37067

AMBULATORY/OUTPATIENT:

AmSurg Corp.
www.amsurg.com
Ken P. McDonald
President, CEO, and Director
p: (615) 665-1283
f: (615) 665-0755
20 Burton Hills Boulevard
Suite 500
Nashville, TN 37215

Community Care, Inc.
www.communitycareinc.com
E. Tony Reed
President and CEO
p: (615) 377-5353
f: (615) 377-2351
5217 Maryland Way
Suite 200
Brentwood, TN 37027

Cool Springs Surgery Center
p: (615) 468-2772
2009 Mallory Lane
Suite 100
Franklin, TN 37067

Cherney & Associates
www.cherneyandassociates.com
Mark G. Cherney
CEO
p: (615) 776-3399
f: (615) 776-3492
9719 Concord Pass
Brentwood, TN 37027
Healthcare Corporation
Robert I. Falk
President and CEO
p: (615) 665-9900
t: (615) 665-9903
30 Burton Hills Boulevard
Suite 575
Nashville, TN 37215

HealthMark Partners, Inc.
www.healthmarkpartners.com
Bill Southwick
President and CEO
p: (615) 329-9000
t: (615) 329-9299
40 Burton Hills Boulevard
Suite 300
Nashville, TN 37215

NeoSpine
www.neospine.com
Rock A. Morphis
CEO
p: (615) 665-1847
t: (615) 665-8228
40 Burton Hills Blvd.
Suite 320
Nashville, TN 37215

Specialty Surgery Centers of America, Inc.
Keith Bolton
President and Owner
p: (615) 371-6778
9206 Concord Road
Brentwood, TN 37027

Surgical Development Partners, LLC
www.surgicaldevelopmentpartners.com
G. Edward Alexander
CEO
p: (615) 620-0400
t: (615) 620-0404
5409 Maryland Way
Suite 140
Brentwood, TN 37027

Surgical Health Group
www.surgicalhealthgroup.com
Rodney Lunn
Principal
p: (615) 425-0818
t: (615) 425-0807
215 Jamestown Park Road
Suite 205
Brentwood, TN 37027

Surgis, Inc.
www.surgisinc.com
Joseph C. Hutts
President and CEO
p: (615) 665-3012
t: (615) 665-3028
30 Burton Hills Boulevard
Suite 450
Nashville, TN 37215

Symbion, Inc.
www.symbion.com
Richard E. Francis, Jr.
CEO
p: (615) 234-5900
t: (615) 234-5998
40 Burton Hills Boulevard
Suite 500
Nashville, TN 37215

TodayCare Centers, LLC
www.todaycare.com
Robert T. Brady
CEO and President
p: (615) 250-2600
t: (615) 250-2601
810 Broadway
Suite 105
Nashville, TN 37203

Vanderbilt Dayani Center
p: (615) 322-4751
t: (615) 343-7671
1500 22nd Avenue South
Nashville, TN 37232

Vanderbilt University Bill Wilkerson Center
p: (615) 936-5000
t: (615) 936-5013
1215 21st Avenue South
Medical Center East, South Tower
Nashville, TN 37232
Medical Clinics:

Auditory

Advanced Hearing Solutions
www.hearlife.org
(615) 758-7999
1002 Pleasant Grove Place, Suite C
Mount Juliet, TN 37122

Brentwood Hearing Center
www.brentwoodhearingaid.com
(615) 377-0420
5544 Franklin Road #100
Nashville, TN 37220

Hearing Health Center
(615) 444-5425
206a Babb Drive
Lebanon, TN 37087

Hearing Services of Tennessee
(615) 673-6100
7041 Hwy. 70 South
Nashville, TN 37221

Hearing Services of Tennessee
www.hearubetter.com
(615) 591-6410
100 Covey Drive, Suite #302
Franklin, TN 37067

Lifetime Hearing Clinic
(615) 443-4070
1424 W. Baddour Pkwy, Suite C
Lebanon, TN 37087

Carmack Chiropractic Clinic
www.carmackchiropractic.com
(615) 746-8700
212 Ren Mar Center Drive
Pleasant View, TN 37146

Cheatham Co. Chiropractic
(615) 792-5112
P O Box 392,
Ashland City, TN 37015

Chiropractic and Migraine Center, P.C.
(615) 740-8778
403 Henslee Drive
Dickson, TN 37055

Chiropractic Nashville
www.chiropracticnashville.com
(615) 292-2797
718 Thompson Lane, Suite 119
Nashville, TN 37204

Corley, Cris G.
(615) 444-8558
411 E. Spring St.
Lebanon, TN 37087

Country Chiropractic
(615) 952-5253
172 Luyben Hills Road
Kingston Springs, TN 37082

Crist Chiropractic
(615) 771-0022
2025 Mallory Lane
Franklin, TN 37067

Dixon Center of Chiropractic
(615) 646-1003
211 Old Hickory Blvd.
Nashville, TN 37221

Donelson Chiropractic Clinic
www.donchiro.com
(615) 889-1941
936 Allen Rd.
Nashville, TN 37214

Elite Chiropractic and Wellness Centers
(Cool Springs)
www.elitewellnesscenters.com
(615) 771-7720
342 Cool Springs Blvd., Ste. 100
Franklin, TN 37067
Elite Chiropractic and Wellness Centers (Nolensville Road)
www.elitewellnesscenters.com
(615) 833-2000
4651 Nolensville Rd.
Nashville, TN 37211

Elite Chiropractic and Wellness Centers (Hickory Hollow)
www.elitewellnesscenters.com
(615) 731-7700
5305 Mount View Rd.
Antioch, TN 37013

East End Chiropractic, PLLC
www.eastendchiropractic.com
(615) 650-6533
953 Main Street, Suite 109
Nashville, TN 37206

F I H
(615) 360-3000
2643 Murfreesboro Pike
Nashville, TN 37217

First Choice Chiropractic
(615) 758-0969
11350 Lebanon Road
Mt. Juliet, TN 37122

Frank Batson Chiropractic
(615) 883-9903
2517 Lebanon Rd., #101
Nashville, TN 37214

Gallatin Chiropractic Clinic
www.gallatinchiro.com
(615) 451-3400
1167 Nashville Pike
Gallatin, TN 37066

Green Hills Chiropractic Clinic
www.greenhillschiropractic.com
p: (615) 383-0244
f: (615) 386-3752
2303 Crestmoor Rd.
Nashville, TN 37215

Harbrecht Chiropractic Clinic
(615) 444-2245
1002 West Main St.
Lebanon, TN 37087

Kestner Chiropractic and Acupuncture Center
www.drkestner.com
(615) 895-1253
1435 NW Broad Street
Murfreesboro, TN 37129-1707

Key Chiropractic
www.keychiropractic.com
(615) 646-3522
8124 Hwy 100
Nashville, TN 37221

Latimer Chiropractic Office
www.latimerchiro.net
(615) 890-1662
1288 Dow Street
Murfreesboro, TN 37130

Life Source
www.mylifesource.net
(615) 441-6115
491 Henslee Drive
Dickson, TN 37055

Lifeway Chiropractic
www.lifewaychiropractic.com
(615) 465-8327
1224-B Columbia Ave., Ste. 210
Franklin, TN 37064

Livingston Chiropractic Clinic
(615) 453-9300
1037 West Main St
Lebanon, TN 37087

Maryland Farms Chiropractic
(615) 309-8279
5107 Maryland Way #110
Brentwood, TN 37027

McClure, Lance E.
(615) 740-8778
403 Hensley Dr.
Dickson, TN 37055

Middle Tennessee Clinic Chiropractic
(615) 851-4808
606 North Main Street
Goodlettsville, TN 37072

Mitchell Chiropractic Clinic
www.mitchellchiropractic.net
(615) 361-6502
2825 Columbine Pl.
Berry Hill, TN 37204
Mt. Juliet Chiropractic  
www.mtjulietchiropractic.com  
(615) 758-8978  
2345 N. Mt. Juliet Road  
Mt. Juliet, TN 37122

Murfreesboro Chiropractic Clinic  
www.murfreesborochiropractic.com  
(615) 849-9064  
1535 W. Northfield Boulevard, Suite 6  
Murfreesboro, TN 37129

Performance Chiropractic  
www.doctorchiro.com  
(615) 242-8602  
209 10th Avenue South, Suite 330  
Nashville, TN 37203

Powers Family Chiropractic Center  
www.powersfamilychiropractic.com  
(615) 227-5020  
4117 Gallatin Road  
Nashville, TN 37216

Smyrna Chiropractic  
www.smyrnachiropractic.com  
(615) 220-6824  
777 Bell Rd.  
Antioch, TN 37013

Summerhill Chiropractic Clinic  
(615) 893-0500  
1820 Memorial Blvd.  
Murfreesboro, TN 37129

Tankersley Chiropractic  
www.tankdc.com  
(615) 826-7889  
165 Indian Lake Blvd #102  
Hendersonville TN 37075

Thomas Chiropractic  
(615) 883-8555  
4624 Lebanon Road  
Hermitage, TN 37076

Tigges Chiropractic  
(615) 452-1575  
529 Hartsville Pike  
Gallatin, TN 37066

Total Family Chiropractic and Rehab  
www.totalfamilychiropractic.com  
(615) 453-8999  
155 Legends Drive, Suite F  
Lebanon, TN 37087

Tucker Chiropractic Center  
(615) 754-8875  
854 N. Mt. Juliet Road  
Mt. Juliet, TN 37122

United Chiropractic–Donelson  
www.drlounsbury.com  
(615) 883-9000  
2600-B Lebanon Road  
Nashville, TN 37214

Wakefield, Preston  
(615) 383-0969  
3820 Cleghorn Ave.  
Nashville, TN 37215

Walker Chiropractic Center  
(615) 646-4130  
7648 Highway 70  
Nashville, TN 37221

Wilson County Chiropractic  
(615) 449-6700  
525 West Main St  
Lebanon, TN 37087

DIALYSIS  
DaVita, Inc. (White Bridge Road)  
(615) 352-5535  
103 White Bridge Pk., Ste. 6  
Nashville, TN 37209

DaVita, Inc. (Cumberland)  
(615) 865-1514  
312 Hospital Dr., Ste. 3  
Madison, TN 37115

DaVita, Inc. (Williamson County)  
(615) 794-4423  
4211 Carothers Rd., Ste. E-4  
Franklin, TN 37067

DaVita, Inc. (Sumner Regional)  
(615) 452-5131  
300 Steamplant Rd., Ste. 270  
Gallatin, TN 37066

DaVita, Inc. (Murfreesboro)  
(615) 890-7270  
1346 Dow St.  
Murfreesboro, TN 37130
Dialysis Clinic, Inc. (Corporate Office)
www.dcinc.org
p: (615) 327-3061
f: (615) 329-2315
1633 Church St.
Suite 500
Nashville, TN 37203

Dialysis Clinic, Inc. (Clarksville Highway)
(615) 742-3033
3229 Clarksville Hwy.
Nashville, TN 37218

Dialysis Clinic, Inc. (Dickson)
(615) 446-0111
100 Academy St.
Dickson, TN 37055

Dialysis Clinic, Inc. (Lebanon)
(615) 444-7955
212 Babb Dr.
Lebanon, TN 37087

Dialysis Clinic, Inc. (Madison)
(615) 865-7310
605 W. Due West Ave.
Madison, TN 37115

Dialysis Clinic, Inc. (Med Center)
(615) 327-3302
1600 Hayes St.
Nashville, TN 37203

Dialysis Clinic, Inc. (Meharry)
(615) 327-3984
935 21st Ave. N.
Nashville, TN 37208

Dialysis Clinic, Inc. (Murfreesboro)
(615) 890-7741
1024 N. Highland Ave.
Murfreesboro, TN 37130

Dialysis Clinic, Inc. (Peritoneal Center of Middle Tennessee)
(615) 329-1812
1633 Church St.
Nashville, TN 37203

Dialysis Clinic, Inc. (Southern Hills)
(615) 832-0761
417 Harding Industrial Dr.
Nashville, TN 37211

Dialysis Clinic, Inc. (Summit)
(615) 889-3444
Medical Office Building II
5653 First Blvd., Ste. 334
Hermitage, TN 37076

Fresenius Medical Care (East Nashville)
(615) 258-3288
604 Gallatin Ave.
Nashville, TN 37206

Fresenius Medical Care (Franklin)
(615) 791-4348
1120 Lakeview Dr.
Franklin, TN 37064

Fresenius Medical Care (Gallatin)
(615) 451-0093
561 South Water Ave.
Gallatin, TN 37066

Fresenius Medical Care (Madison)
(615) 870-1508
1221 Briarville Rd.
Madison, TN 37115

Fresenius Medical Care
(Murfreesboro–Home Training)
(615) 849-2531
1020 N. Highland Ave.
Murfreesboro, TN 37130

Fresenius Medical Care
(Nashville – Home Training)
(615) 354-2442
28 White Bridge Rd., Ste. 300
Nashville, TN 37205

Fresenius Medical Care (Portland)
(615) 323-7065
923 S. Broadway
Portland, TN 37148

Fresenius Medical Care (Smyrna)
(615) 625-0000
1100 Rock Springs Rd.
Smyrna, TN 37167

Fresenius Medical Care (Springfield)
(615) 384-8939
106 Mooreland Dr.
Springfield, TN 37172

Fresenius Medical Care (Vanderbilt)
(615) 343-3676
1500 21st Ave. South, Ste. 3600
Nashville, TN 37212
Fresenius Medical Care (Vanderbilt East)
(615) 467-4070
20 Rachel Dr.
Nashville, TN 37214

Fresenius Medical Care (West Nashville)
(615) 599-9810
242 Orlando Ave.
Nashville, TN 37209

Harpeth Dialysis Clinic
(615) 441-8886
254 Beasley Drive
Dickson, TN 37055

Sumner Dialysis
(615) 452-5131
300 Steam Plant Rd., Suite 270
Gallatin, TN 37066

Williamson County Dialysis
(615) 794-4423
4211 Carothers Road
Franklin, TN 37064

America’s Family Doctors
Walk-In Clinic of Brentwood
www.afdclinics.com
(615) 373 - 2000
1195 Old Hickory Blvd., Ste. 103
Brentwood, TN 37027

America’s Family Doctors
Walk-In Clinic of Smyrna
www.afdclinics.com
(615) 223-7227
515 StoneCrest Blvd., Ste. 100
Smyrna, TN 37167

Associates in Gastroenterology
(615) 885-1093
5653 Frist Blvd., Ste. 309
Hermitage, TN 37076

Baptist-Centracare
(615) 399-7081
2547 Murfreesboro Pike
Nashville, TN 37217

Beckman Family Medical and Urgent Care Center
www.beckmanfamilymedical.com
(615) 893-8885
301 N University St. Ste 106
Murfreesboro, TN 37130

Belmont Medical Group
www.belmontmedicalgroup.us
(615) 746-2666
6320 Hwy 41A, Suite 100
Pleasant View, TN 37146

Bichon and Cole Medical Clinic PC
(615) 452-6899
728 Nashville Pike
Gallatin, TN 37066

Brentwood Family Care Center, Inc.
(615) 370-8080
5046 Thoroughbred Ln.
Brentwood, TN 37027

Bryant’s Clinic, PC
(615) 444-7211
200 E. Spring St.
Lebanon, TN 37087

Cedar Medical Group, P.C.
www.thecedargroup.medem.com
(615) 220-4747
300 StoneCrest Blvd., Ste. 200
Smyrna, TN 37167

MEDICAL/SURGICAL

21st Century Health Care Clinic, PLLC
www.21stcenturyhealth.us
(615) 217-7765
1019 N. Highland Avenue
Murfreesboro, TN 37130

Advance Sleep Diagnostics, Inc.
www.advancedzZZZ.com
(615) 206-0506
343 Hancock Street, Ste. B
Gallatin, TN 37066

Aesthetic Plastic Surgery and Laser Center
www.buckspan.com
(615) 385-3309
2204 Crestmoor Road
Nashville, TN 37215

Allergy and Asthma Center, PC
www.aacenter.yourmd.com
(615) 895-6500
1703-B First Place
Murfreesboro, TN 37129

Allergycare of Cool Springs
www.allergycarecs.com
(615) 778-0611
740 Cool Springs Blvd., Ste. 140
Franklin, TN 37064
Christian Family Medical Clinic
(615) 884-0215
457 Donelson Pike
Nashville, TN 37214

Chunduru, N. Rao
(615) 867-3780
528 N. University St.
Murfreesboro, TN 37130

Clymer Facial Plastic Surgery
www.clymermd.com
(615) 661-4005
1800 Mallory Ln. #A-3
Brentwood, TN 37027-2818

Comprehensive Care Center
www.compclinic.org
(615) 321-9556
345 24th Avenue North, Suite 103
Nashville, TN 37203

Comprehensive Surgical Care, Inc.
(615) 867-2700
1130 Dow St.
Murfreesboro, TN 37130

Cool Springs Allergy Associates
(615) 771-8800
1909 Mallory Ln.
Franklin, TN 37067

Covenant Family Practice
(615) 777-3223
900 Conference Drive
Suite 8
Goodlettsville, TN 37072

Crossroads Medical Group
(615) 672-7122
318 Northcreek Blvd Suite 200 ·
Goodlettsville, TN 37072

Cumberland Emergency Physicians
(615) 316-3150
PO Box 0119
Hermitage, TN 37076

Cumberland Family Practice
(615) 824-4244
353 New Shackle Island Rd Ste 140C
Hendersonville TN 37075

Dash, Lamarr A.
(615) 791-1170
100 Covey Dr.
Suite 307
Franklin, TN 37067

Delozier, Joseph B., III MD
www.drdelozier.com/
(615) 565-9000
209 23 Ave. North
Nashville, TN 37203

Diaz, Michael, M.D.
(615) 822-6716
105 Glen Oak Blvd Ste 200
Hendersonville TN 37075

Dickson Family Medical Group
(615) 446-8527
118 Highway 70 E.
Unit 2
Dickson, TN 37055

Dickson Jaw and Facial Surgery
(615) 441-1441
445 Henslee Dr.
Dickson, TN 37055

Doctor’s Office, The
(615) 453-3645
1420 Baddour Pkwy.
Lebanon, TN 37087

Due West Family Health Care
(615) 868-2229
607 Due West Ave.
Suite 102
Madison, TN 37115

Eagleville Medical Clinic
(615) 274-6207
341 S. Main St.
Eagleville, TN 37060

Evelyn Frye Center
www.efrye.com
(615) 385-9729
2021 Church St.
Suite 800
Nashville, TN 37203

Exodus Family Practice and Travel Health Center
(615) 321-0776
1815 Jefferson St.
Nashville, TN 37208

Faith Family Medical Clinic
www.faithmedical.org
(615) 341-0808
326 21st Ave. N.
Nashville, TN 37203
Family Health Care of Gallatin
(615) 206-0500
831 B Nashville Pike
Gallatin, TN 37066

Family Health Care of Hendersonville
www.familyhealthcareonline.com
(615) 826-3100
353 New Shackle Island Rd Ste 141C
Hendersonville TN 37075

Family Health Center of Ashland City
(615) 792-1199
342 Frey St.
Ashland City, TN 37015

Family Healthcare Group
(615) 227-3000
905 Main St.
Nashville, TN 37206

Family Care of Middle Tennessee
(615) 220-0056
713A President’s Place
Smyrna, TN 37167

Family Medical Centers, The
(615) 889-6080
5114 Old Hickory Blvd., Ste. 201
Hermitage, TN 37076

Family Medical Associates
www.familymedicaldocs.com
(615) 444-6203
1407 Baddour Parkway
Lebanon, TN 37087

Family Podiatry Center, PC
www.tnfootdoc.com
(615) 220-0602
741 President Place, Ste. 140
Smyrna, TN 37167

Family Practice of Murfreesboro, PLLC
(615) 895-9700
516 Uptown Square
Murfreesboro, TN 37129

Franklin Family Care Clinic
(615) 771-6868
2001 Mallory Ln.
Suite 302
Franklin, TN 37067

Franklin Urological Associates
www.franklinurological.com
(615) 790-1660
100 Covey Dr., Ste. 207
Franklin, TN 37067

Frist Clinic, The
www.thefristclinic.com
(615) 342-5900
2400 Patterson St., Ste. 400
Nashville, TN 37203

Gallatin Family Practice
www.gallatinfamilypractice.com
(615) 452-5901
608 Commons Dr., Ste. A
Gallatin, TN 37066

Gallatin Urgent Care, PC.
(615) 452-6899
728 Nashville Pike
Gallatin, TN 37066

Garner, James, Jr., MD PC
(615) 890-5393
503-D Highland Terrace
Murfreesboro, TN 37130

Get Well Clinic
www.getwellclinics.com
(615) 896-1022
2705 Old Fort Pkwy., Ste. G
Murfreesboro, TN 37128

Gold Skin Care Center
www.goldskincare.com
(615) 383-2400
2000 Richard Jones Road, #220
Nashville, TN 37215

Grassland Family Care Center
(615) 791-9300
2339 Hillsboro Rd.
Franklin, TN 37064

Green Hills Medical Center
www.greenhilsmedicalcenter.com
(615) 292-0012
2001 Glen Echo Rd.
Nashville, TN 37215

Gresham and Associates Cardiology Group, PLLC
www.cardiowellnesscenter.com
(615) 895-0533
1023 N. Highland Ave.
Murfreesboro, TN 37130
Hancock Diabetes and Endocrine Center, PLLC
(615) 867-1193
745 South Church Street, Suite 501
Murfreesboro, TN 37130

Healthsouth Diagnostic Center of Nashville
(615) 327-1500
337 22nd Ave.
Nashville, TN 37203

Health Sphere Wellness Center, LLC
www.health-sphere.net
(615) 376-7876
5054 Thoroughbred Lane
Brentwood, TN 37027

Hein Family Medicine
www.heinfamilymedicine.com
(615) 441-4944
110 Mathis Drive, Suite 103
Dickson, TN 37055

Hermitage Internal Medicine
(615) 391-5567
3901 Central Pike
Hermitage, TN 37076

Hermitage Medical Associates
www.hermigramedical.com
(615) 345-3434
5653 Frist Blvd.
Suite 239
Hermitage, TN 37076

Hillcrest Healthcare Center
www.hillcresttn.com/
(615) 792-9154
111 Pemberton Drive
Ashland City, TN 37015

Holston Family Clinic
(615) 654-4111
7804 Highway 25 E.
Cross Plains, TN 37049

Hope Family Medicine and Skin Center
(615) 872-0777
589 Stewarts Ferry Pike
Nashville, TN 37214

Internal Medicine Associates
www.internalmedassociates.com
(615) 459-4686
121 Mayfield Drive
Smyrna, TN 37167

Kidney Care Associates, PLLC
www.nationalrenal.com
(615) 441-2889
256 Beasley Drive
Dickson, TN 37055

Kumar, Sarbjeet
(615) 384-2714
322 NorthCrest Drive
Springfield, TN 37172

Lebanon Digestive Disease Associates, PLC
(615) 449-6222
417 Harding Drive, Suite D
Lebanon, TN 37087

Lebanon Health Care Center, PLC.
(615) 449-4151
P.O. Box 3322
Lebanon, TN 37088-3322

Lee Medical, Inc.
(615) 591-1965
1226D Lakeview Drive
Franklin, TN 37067

Lifesigns Physical Examination Center
(615) 371-3000
105 Westwood Pl., Suite 350
Brentwood, TN 37027

Little Clinic, The
www.thelittleclinic.com
(615) 425-4200
Corporate Office
8 Cadillac Dr., Ste. 250
Brentwood, TN 37027

Litman, William J., MD, PC
(615) 444-0465
1419 West Baddour Pkwy.
Lebanon, TN 37087

Long Hollow Family Practice PC
(615) 859-1440
740 Conference Dr.
Goodlettsville, TN 37072

Luck, David
(615) 449-3101
322 North Maple Street
Lebanon, TN 37087

MA Primary and Urgent Care Clinic, Inc.
(615) 907-0123
951 New Salem Rd.
Murfreesboro, TN 37129
Madison Minor Medical Center  
(615) 868-9959  
1114 Gallatin Pike  
Nashville, TN 37206

Matthew Walker Comprehensive Health Center  
www.mwchc.org  
(615) 327-9400  
1035 14th Ave. North  
Nashville, TN 37208

Meharry Medical Group and Center for Women’s Health  
www.meharryjobs.com  
(615) 327-6336  
1919 Charlotte Ave.  
Nashville, TN 37203

Mendoza, Gina, DPM, PC  
(615) 826-0941  
353 New Shackle Island Rd Ste 120B  
Hendersonville TN 37075

Metro Center Health Care Group, P.C.  
http://metrocenterhealthcare.com  
(615) 254-9981  
131 French Landing Dr.  
Nashville, TN 37228

Middle Tennessee Clinic for International Travel  
(615) 837-8859  
510 Recovery Rd.  
Suite 201  
Nashville, TN 37211

Middle Tennessee Family Medicine  
(615) 848-2900  
301 N University St. Ste 207  
Murfreesboro, TN 37130

Middle Tennessee Family Wellness Group  
www.familywellnessgroup.com  
(615) 822-2400  
353 New Shackle Island Rd Ste 122B  
Hendersonville TN 37075

Middle Tennessee Plastic Surgery PC  
www.middletnplasticsurgery.com  
(615) 599-1966  
2023 Carothers Rd., Ste. 608  
Franklin, TN 37067

Mid-State Neurosurgery, PC  
www.ms-ns.com  
(615) 849-8004  
503 East Bell Street, Suite 300  
Murfreesboro, TN 37130

Mid-State Surgery  
www.midstatesurgery.com  
(615) 904-0244  
503 E Bell St. Ste 314  
Murfreesboro, TN 37130

Moore Family Medical PLC  
(615) 896-4482  
115 N. Thompson Ln.  
Murfreesboro, TN 37129

Mt. Juliet Family Care and Walk-In Clinic, LLC  
www.mjfamilycare.com  
(615) 754-2828  
754 N. Mt. Juliet Road  
Mt. Juliet, TN 37122

Murfreesboro Medical Clinic and Surgicenter, PA  
www.mmclinic.com  
(615) 893-4480  
1004 North Highland Avenue  
Murfreesboro, TN 37130

Murfreesboro Surgical Specialists, PLLC  
(615) 867-1940  
1602 West Northfield Boulevard  
Murfreesboro, TN 37129

Myet Medical Center  
(615) 662-4499  
7640 Highway 70 S.  
Suite 101  
Nashville, TN 37221

Nashville Family Medical Clinic  
(615) 315-8717  
476 Harding Pl.  
Nashville, TN 37211

Nashville Travel Medicine Services  
www.travelmedicinenashville.com  
(615) 846-4500  
5653 Frist Blvd., Ste. 531  
Hermitage, Tennessee 37076

Neuhaus Foot and Ankle  
www.neufoot.com  
(615) 220-8788  
300 Stone Crest Blvd Ste 350  
Smyrna. TN 37167

Nolensville Family Medicine  
www.nolensvillefamily.com  
(615) 776-8088  
940 Oldham Dr.  
Nolensville, TN 37135
Northfield Family Practice
www.northfieldfamilypractice.com
(615) 217-2747
406 West Northfield Boulevard
Murfreesboro, TN 37129

Northfield Outpatient Clinic
(615) 895-6995
234 W. Northfield Blvd.
Murfreesboro, TN 37129

Northridge Surgery Center, LP
www.northridgesc.com
(615) 868-8942
647 Myatt Drive
Madison, TN 37115

Passport Medicine
www.passportmedicine.com
(615) 503-0000
2023 Carothers Rd., Ste. 501
Franklin, TN 37067

Patient Partners Surgery Center
(615) 575-9000
890 Blue Jay Way
Gallatin, TN 37066

Physicians Medical Care
(615) 217-7236
1525 S. Church St.
Murfreesboro, TN 37130

Planned Parenthood of Middle and East Tennessee
Nashville Health Center
www.plannedparenthood.org/mid-east-tennessee/
(615) 321-7216
412 Dr. D. B. Todd, Jr., Blvd.
Nashville, TN 37203

Premiere Medical Associates
(615) 867-1602
522 B Brandies Circle Ste 2
Murfreesboro, TN 37128

Presidential Healthcare
(615) 223-7700
739 President Place
Smyrna, TN 37167

Primary Care and Hope Clinic
www.hopeclnc.org
(615) 893-9390
745 South Church Street, Suite 601
Murfreesboro, TN 37130

Primary Care and Pain Relief Center
(615) 329-4357
1811 State St.
Nashville, TN 37203

ProHealth Rural Health Services (Franklin)
(615) 866-6161
1325A West Main St.
Franklin, TN 37064

ProHealth Rural Health Services (Tusculum)
(615) 834-2728
388 Harding Place, Ste. B
Nashville, TN 37211

Regents Medical Center
(615) 746-0203
1018 Industrial Drive
Pleasant View, TN 37146

Rivergate Dermatology
(615) 859-7546
201 Bluebird Drive
Goodlettsville, TN 37072

Robertson County Medical Group
(615) 384-2955
471 NorthCrest Drive
Springfield, TN 37172

SASH Healthcare, PLC
(615) 321-2005
1804 State St.
Nashville, TN 37203

Shade Tree Family Clinic, The
www.shadetreeclinic.org
(615) 255-8226
222 Grace St.
Nashville, TN 37207

Shots, Etc.
(615) 525-7618
7648 Highway 70S #15
Nashville, TN 37221

Siloam Family Health Center
www.siloamhealth.org
(615) 298-5406
820 Gale Ln.
Nashville, TN 37204

Sleep Centers of Middle Tennessee
www.sleepcenterinfo.com
(615) 893-4896
1725 Medical Center Parkway, Suite 220
Murfreesboro, TN 37129
Southcrest Pain Clinic PC
www.ouchdoc.com
(615) 377-2995
5111 Maryland Way, Suite 304
Brentwood, TN 37027

South Street Family Medical Center
(615) 254-1786
901 12th Avenue South
Nashville, TN 37203

Southern Hills Family Medicine of Brentwood
(615) 377-4999
317 Seven Springs Way, Ste. 104
Brentwood, TN 37027

Spectrum Pain Clinic
(615) 794-5009
324 Cool Springs Blvd.
Franklin, TN 37067

Stone Urgent Care and Occupational Medicine PC
(615) 315-0037
3716-B Nolensville Pike
Nashville, TN 37211

Sumner Comprehensive Care
(615) 451-1959
253 W. Main Street
Gallatin, TN 37066

Sycamore Valley Medical Group
(615) 792-1911
313 North Main
Ashland City, TN 37015

Tennessee Heart and Vascular Institute, PC
www.tennheart.com
(615) 824-0043
353 New Shackle Island Rd Ste 300C
Hendersonville TN 37075

Tennessee Urgent Care Associates (Dover Point Facility)
www.tnurgentcare.com
(615) 399-6898
2553 Murfreesboro Rd.
Nashville, TN 37217

Tennessee Urgent Care Associates (Smyrna)
www.tnurgentcare.com
(615) 355-1338
1332 Hazelwood Dr.
Smyrna, TN 37167

Tennessee Urgent Care Associates (Rivergate)
www.tnurgentcare.com
(615) 865-8500
1616 N Gallatin ROAD
Madison, TN 37115

Tennessee Urgent Care Associates (White Bridge Road)
www.tnurgentcare.com
(615) 356-6877
339 White Bridge Rd.
Nashville, TN 37209

Thomas, Michael C., M.D., PC
(615) 871-4904
5651 Frist Blvd., Ste. 709
Hermitage, TN 37076

United Neighborhood Health Services, Inc.
www.unhs.net
(615) 228-8902
617 South 8th Street
Nashville, TN 37206

Cayce Family Health Center and Cayce Dental
(615) 226-1695
617 South 8th St.
Nashville, TN 37206

Dalewood Clinic
(615) 227-5930
1460 McGavock Pk.
Nashville, TN 37216

Hartsville Family Health Center
(615) 374-2107
100 Damascus St.
Hartsville, TN 37074

Maplewood Health Center
(615) 467-3665
401 Maplewood Ln.
Nashville, TN 37216

Nashville Health Corps.
(615) 880-2155
625 Benton Ave., Ste. 118
Nashville, TN 37204

Sam Levy/McFerrin Park Community Clinic
(615) 255-8226
222 Grace St.
Nashville, TN 37207

Southside Health Center
(615) 726-1807
107 University Ct.
Nashville, TN 37210
Taking Charge Program
A Teen Pregnancy and Parenting Program
(615) 383-9340
625 Benton Avenue, Ste. 118
Nashville, TN 37204

Waverly-Belmont Family Health Center
(615) 269-3461
1501 12th Ave. South
Nashville, TN 37203

Universal Care Center
(615) 444-9800
P.O. Box 1315
Lebanon, TN 37088

Universal Urgent Care Center
(615) 904-9200
905 S. Church St.
Murfreesboro, TN 37130

University Community Health Services, Inc.
www.tnpca.org
(615) 322-1180
461 21st Ave. South, Room 215
Nashville, TN 37240

Community Clinics

Hadley Park Towers Clinic
(615) 320-1021
2901 John Merritt Blvd.
Nashville, TN 37209

McKendree-Vanderbilt Senior Health Clinic
(615) 871-8785
4343 Lebanon Rd., Ste. 106
Hermitage, TN 37076

Parthenon Towers Clinic
(615) 329-1470
301 28th Ave. North
Nashville, TN 37203

Vine Hill Community Clinic
(615) 292-9770
601 Benton Ave.
Nashville, TN 37204

School-based Clinics

Fall-Hamilton Elementary
(615) 225-3899
510 Wedgewood Ave.
Nashville, TN 37203

Park Avenue Elementary
(615) 383-2945
3703 Park Ave.
Nashville, TN 37209

Taylor-Stratton Elementary
(615) 868-9663
310 Old Hickory Blvd. West
Madison, TN 37115

Vanderbilt House Call Clinics

VandyCalls
601 Benton Ave.
Nashville, TN 37204

Trevecca
70 Hart St.
Nashville, TN 37210

Employer Health Clinics

Dickson County Schools Family Clinic
507 Henslee Dr.
Dickson, TN 37055

Urgent Care Medical and Diagnostics PLC
(Appointment Clinic)
www.urgentcaremd.com
(615) 851-1237
450 Professional Park Dr., Ste. B
Goodlettsville, TN 37072

Urgent Care Medical and Diagnostic PLC
(Walk-in Clinic)
www.urgentcaremd.com
(615) 851-1230
500 Long Hollow Pike
Suite A
Goodlettsville, TN 37072

Urology Associates (Charlotte)
www.urologynashville.com
(615) 250-9250
2801 Charlotte Ave.
Nashville, TN 37209

Urology Associates (Cool Springs)
www.urologynashville.com
(615) 771-3024
Cool Springs Medical Office
1909 Mallory Ln., Ste. 303
Franklin, TN 37067
<table>
<thead>
<tr>
<th><strong>Urology Associates (Gallatin)</strong></th>
<th><strong>Vanderbilt Diabetes Center</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><a href="http://www.urologynashville.com">www.urologynashville.com</a></td>
<td>(615) 322-7004</td>
</tr>
<tr>
<td>(615) 452-5225</td>
<td>707 Light Hall</td>
</tr>
<tr>
<td>585 East Bledsoe</td>
<td>Vanderbilt Diabetes Center</td>
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<tr>
<td>Gallatin, TN 37066</td>
<td>Nashville, TN 37232</td>
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<th><strong>Urology Associates (Hendersonville)</strong></th>
<th><strong>Vanderbilt-Ingram Cancer Center (Main)</strong></th>
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<tbody>
<tr>
<td><a href="http://www.urologynashville.com">www.urologynashville.com</a></td>
<td>(615) 936-5847</td>
</tr>
<tr>
<td>(615) 822-9336</td>
<td>691 Preston Building</td>
</tr>
<tr>
<td>Ellis Memorial Medical Office Bldg.</td>
<td>2220 Pierce Ave.</td>
</tr>
<tr>
<td>353 New Shackle Island Rd., Ste. 102A</td>
<td>Vanderbilt, TN 37232</td>
</tr>
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<td>Hendersonville, TN 37075</td>
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<tr>
<th><strong>Urology Associates (Lebanon)</strong></th>
<th><strong>Vanderbilt-Ingram Cancer Center (Cool Springs)</strong></th>
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<tr>
<td><a href="http://www.urologynashville.com">www.urologynashville.com</a></td>
<td>(615) 771-7265</td>
</tr>
<tr>
<td>(615) 443-0202</td>
<td>324 Cool Springs Blvd.</td>
</tr>
<tr>
<td>1421 Baddour Pkwy.</td>
<td>Franklin, TN 37067</td>
</tr>
<tr>
<td>Lebanon, TN 37087</td>
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<tr>
<th><strong>Urology Associates (Skyline Medical Center)</strong></th>
<th><strong>Vanderbilt Page Campbell Heart Institute (Main)</strong></th>
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<tr>
<td><a href="http://www.urologynashville.com">www.urologynashville.com</a></td>
<td>(615) 322-2318</td>
</tr>
<tr>
<td>(615) 860-1702</td>
<td>1215 21st Ave. South</td>
</tr>
<tr>
<td>3443 Dickerson Pk., Ste. 160</td>
<td>Medical Center East, South Tower, 5th Floor</td>
</tr>
<tr>
<td>Nashville, TN 37207</td>
<td>Vanderbilt, TN 37232</td>
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<th><strong>Urology Associates (Southern Hills Medical Center)</strong></th>
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<td><a href="http://www.urologynashville.com">www.urologynashville.com</a></td>
<td>(615) 791-7223</td>
</tr>
<tr>
<td>(615) 331-8281</td>
<td>2105 Edward Curd Ln.</td>
</tr>
<tr>
<td>395 Wallace Rd., Ste. 206B</td>
<td>Franklin, TN 37067</td>
</tr>
<tr>
<td>Nashville, TN 37211</td>
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<th><strong>Urology Associates (Springfield)</strong></th>
<th><strong>Vanderbilt Transplant Center, The</strong></th>
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<tr>
<td><a href="http://www.urologynashville.com">www.urologynashville.com</a></td>
<td>(615) 936-0388</td>
</tr>
<tr>
<td>(615) 384-4104</td>
<td>801 Oxford House</td>
</tr>
<tr>
<td>2104 Park Plaza Cir., Ste. A</td>
<td>Vanderbilt, TN 37232</td>
</tr>
<tr>
<td>Springfield, TN 37172</td>
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<tr>
<th><strong>Urology Associates (Stonecrest Medical Center)</strong></th>
<th><strong>Wells, Wayne, Dr.</strong></th>
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<tr>
<td><a href="http://www.urologynashville.com">www.urologynashville.com</a></td>
<td>(615) 443-0730</td>
</tr>
<tr>
<td>(615) 459-3330</td>
<td>P O Box 98</td>
</tr>
<tr>
<td>200 Stonecrest Pkwy., Ste. 320</td>
<td>Lebanon, TN 37088</td>
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<tr>
<td>Smyrna, TN 37167</td>
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<th><strong>Urology Associates (Summit Medical Center)</strong></th>
<th><strong>Wesley, Raymond J., MD</strong></th>
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<tr>
<td><a href="http://www.urologynashville.com">www.urologynashville.com</a></td>
<td>(615) 824-7491</td>
</tr>
<tr>
<td>(615) 391-4394</td>
<td>333 E Main St</td>
</tr>
<tr>
<td>5651 First Blvd., Ste. 616</td>
<td>Hendersonville TN 37075</td>
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<tr>
<td>Hermitage, TN 37076</td>
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<th><strong>Vanderbilt Clinic, The (TVC)</strong></th>
<th><strong>West, Willard Mahlon</strong></th>
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<tr>
<td>1121 22nd Ave. South</td>
<td>(615) 444-1118</td>
</tr>
<tr>
<td>Nashville, TN 37232</td>
<td>1425 Baddour Pkwy.</td>
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<td>Lebanon, TN 37087</td>
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<tr>
<th><strong>West Wilson Family Practice</strong></th>
<th><strong>West Wilson Family Practice</strong></th>
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<tr>
<td>(615) 758-5672</td>
<td>(615) 322-7004</td>
</tr>
<tr>
<td>3500 N. Mt. Juliet Road, Suite 201</td>
<td>707 Light Hall</td>
</tr>
<tr>
<td>Mt. Juliet, TN 37122</td>
<td>Vanderbilt Diabetes Center</td>
</tr>
<tr>
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<td>Nashville, TN 37232</td>
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</tbody>
</table>
West Wilson Walk-In Clinic
(615) 773-9393
4024 N. Mt. Juliet Road
Mt. Juliet, TN 37122

Westmoreland Medical Pavilion
(615) 644-4476
1124 New Hwy. 52
Westmoreland, TN 37186

White Bluff Family Health Care Center
(615) 797-3646
2004 Hwy. 49 N.
P.O. Box 185
White Bluff, TN 37187

Williams, Robin, MD, PLC
(615) 316-9511
5651 Frist Blvd., Suite 601
Hermitage, TN 37076

Yim, Paul
(615) 672-3027
128 Raymond Hirsch Pkwy.
White House, TN 37187

Optometrist/Opticians
Arrowsmith Eye Institute
www.arrowsmitheye.com/
(615) 327-2020
210 25th Ave. N. Ste. 900
Nashville, TN 37203

Averitt, T. R.
(615) 444-2359
P O Box 160
Lebanon, TN 37088

Brentwood Eye Clinic
(615) 373-4747
5554 Franklin Pike
Brentwood, TN 37027

CharacterEYES Eyecare and Optical
www.charactereyesc.com
(615) 599-1800
407 Church Street, Suite 1
Franklin, TN 37064

Cheatham Co. Eye Care
(615) 792-4321
608 N Main
Ashland City, TN 37015

Choate Eye Associates, PLC
(615) 851-7575
306 North Creek Blvd ·
Goodlettsville, TN 37072

Coley and Coley Family Eyecare
www.coleyandcoleyeyecare.com
(615) 893-8847
129 East Clark Boulevard
Murfreesboro, TN 37130

Cool Springs Eyecare
(615) 771-7555
360 Cool Springs Blvd., #100
Franklin, TN 37067

Dickson Eyehealth Center
(615) 446-8089
110 Mathis Drive
Dickson, TN 37055

Donelson Eye Care
(615) 889-0147
524-B Donelson Pike
Nashville, TN 37214

Drs. Reed and Wilkerson
(615) 384-8435
506 Willow Street
Springfield, TN 37172

Eye Associates of Middle Tennessee
www.jamesfelch.eyemd.org
(615) 791-0060
100 Covey Drive, Ste. 107
Franklin, TN 37067

Eye Center, The
www.theeyecenter.net
(615) 453-5155
1670 West Main St., Ste. 100
Lebanon, TN 37087

Eyedentity
www.eyedentityfranklin.com
(615) 791-7030
2176 Hillsboro Rd., Ste 100
Franklin, TN 37069

Family Vision Care of Cool Springs
www.drdaxxdunn.com
(615) 771-2550
4085 Mallory Lane, Suite 110
Franklin, TN 37067
Franklin–Altman Family Eye Care  
www.vision-1st.com  
(615) 754-4733  
3458 N. Mt. Juliet Road  
Mt. Juliet, TN 37122

Franklin Eye Center  
www.franklineyecenter.com  
(615) 591-7054  
3326 Aspen Grove Drive, Suite 200  
Franklin, TN 37067

Gallatin Optical  
(615) 452-2111  
556 Hartsville Pike  
Gallatin, TN 37066

Green Eye Center  
(615) 452-1602  
854 Lone Oak  
Gallatin, TN 37066

Hermitage Eye Care  
(615) 889-2274  
232 Jackson Meadows Drive  
Hermitage, TN 37076

Judd Family Eye Care  
(615) 824-2612  
625 Johnny Cash Pky.  
Hendersonville, TN 37075

Kelly Vision Center  
(615) 868-2877  
110 Glancy St., Suite 208  
Goodlettsville, TN 37072

Loden Vision Center  
www.lodenvision.com  
(615) 859-3937  
907 Rivergate Pkwy, Ste. C2020  
Goodlettsville, TN 37072

Mt. Juliet Family Vision Center  
(615) 758-2501  
830 N. Mt. Juliet Road  
Mt. Juliet, TN 37122

Orgain Family Vision Care  
www.greateyes.org  
(615) 824-5486  
131 Indian Lake Road  
Hendersonville, TN 37075

Portland Vision Clinic  
www.portlandtn.com/portland_vision_clinic.htm  
(615) 325-2337  
605 South Broadway  
Portland, TN 37148

Price Eyecare and Optical  
(615) 896-7477  
925 S. Church Street, Suite B-100  
Murfreesboro, TN 37130

Primary Eyecare Group, PC  
(615) 373-0080  
205 Ward Circle  
Brentwood, TN 37027

Sanders Eye Care  
www.sanderseyecare.com  
(615) 907-2030  
220 Barfield Crescent Rd.  
Murfreesboro, TN 37128

Selkin Laser Center  
www.selkinlasercenter.com  
(615) 771-5677  
2009 Mallory Ln, Ste. 220  
Franklin, TN 37067

Southeastern Eye Specialist  
(615) 329-7200  
2021 Church St., #606  
Nashville, TN 37203

Stones River Eye Center  
www.ranzeyemd.com  
(615) 896-2551  
171 Heritage Park Drive  
Murfreesboro, TN 37129

Summit Eye Associates and Optical  
(615) 883-2356  
5410 Old Hickory Blvd.  
Hermitage, TN 37076

TaylorMade Eyecare and Optical  
www.taylormadeeyecare.com  
(615) 599-0037  
3046 Columbia Ave., Ste. 209  
Franklin, TN 37064

Tennessee Lasik Associates  
www.TNlasik.com  
(615) 893-2015  
2705 Old Fort Parkway, Suite I  
Murfreesboro, TN 37128
Pediatric and Adolescent Health

Children’s Clinic East
psb.webmd.com  
(615) 773-7277  
2640 N. Mt. Juliet Road  
Mt. Juliet, TN 37122

Cumberland Pediatric Associates
(615) 453-1252  
201-C Signature Pl.  
Lebanon, TN 37088

Harpeth Pediatrics
www.harpehpediatrics.com  
(615) 771-2656  
4085 Mallory Ln.  
Suite 204  
Franklin, TN 37067

Maryland Farms Pediatrics
http://mfpeds.com  
(615) 373-3337  
5056 Thoroughbred Lane  
Brentwood, TN 37027

Mercy Children’s Clinic
www.mercychildrensclinic.org  
(615) 790-0567  
112 9th Ave. South  
Franklin, TN 37064

Gallatin Children’s Clinic
(615) 451-9246  
648 Hartsville Pike  
Gallatin, TN 37066

Middle TN Pediatrics and Adolescent Medicine
(615) 449-5611  
1405 Baddour Pkwy., Suite 101  
Lebanon, TN 37090

Ray Medical
(615) 740-7322  
705 Hwy. 70 East, Ste 4-5  
Dickson, TN 37055

Rivergate Pediatrics
(615) 859-6650  
807 Meadow Lark Drive  
Goodlettsville, TN 37072

SpeechPath Outpatient Therapy Clinic
(615) 855-2285  
500 Professional Park Blvd.  
Suite B  
Goodlettsville, TN 37072

Tennessee Pediatrics
www.tennesseepediatrics.com  
(615) 890-9008  
237 West Northfield Blvd., Suite 101  
Murfreesboro, TN 37129

Psychiatric

Hermitage Psychiatric Group
(615) 889-4447  
5653 Frist Blvd.  
Suite 331  
Hermitage, TN 37076

The Psychiatric Clinic of Hillsboro Village
www.psychiatryclinics.com  
(615) 269-0525  
2125 Belcourt Ave.  
Nashville, TN 37212

Riddle, Kathryn
(615) 896-3643  
1535 W. Northfield Blvd.  
Murfreesboro, TN 37129

Stones River Psychiatric Group
(615) 893-8755  
1024-B N. Highland Ave.  
Murfreesboro, TN 37130

Women’s Health

Center for Reproductive Health
www.reproductivehealthctr.com  
(615) 321-8899  
2011 Murphy Ave., Suite 605  
Nashville, TN 37203
Covenant Healthcare for Women  
(615) 867-0034  
301 N University St. Ste 102  
Murfreesboro, TN 37130

Franklin Womens Center, PLLC  
www.franklinwomenscenter.com  
(615) 794-8800  
2011 North Carothers Road  
Franklin, TN 37067

Gallatin Womens Center, PC  
(615) 452-8705  
437 East Main Street  
Gallatin, TN 37066

Hope Clinic for Women  
www.hopeclinicforwomen.org  
(615) 321-0005  
1810 Hayes St.  
Nashville, TN 37203

Link, John, OB-GYN  
(615) 889-5900  
2215 Jackson Down Blvd.  
Nashville, TN 37214

Meharry Medical Group and Center for Women’s Health  
www.meharryjobs.com  
(615) 327-6336  
1919 Charlotte Ave.  
Nashville, TN 37203

Mid Tennesse Quick Care Women’s Walk-In Clinic  
(615) 867-0970  
826 Memorial Blvd.  
Suite 104  
Murfreesboro, TN 37129

O’Donnell, John  
(615) 384-1821  
225 NorthCrest Drive  
Springfield, TN 37172

Planned Parenthood of Middle and East Tennessee
Nashville Health Center  
www.plannedparenthood.org/mid-east-tennessee/  
(615) 321-7216  
412 Dr. D. B. Todd, Jr., Blvd.  
Nashville, TN 37203

Prime Obstetrics and Gynecology, PC  
(615) 459-5228  
301 Wolverine Trail, Suite 200  
Smyrna, TN 37167

Shearer, Robert A.  
(615) 384-3586  
401 NorthCrest Drive  
Springfield, TN 37172

Women’s Center in Obstetrics  
(615) 330-5629  
1195 Old Hickory Blvd #202  
Brentwood, TN 37027

Women’s Center, PC, The  
www.nashvillewomenscenter.com  
(615) 331-1200  
419 Welshwood Dr.  
Nashville, TN 37211

Woman’s Clinic, The  
(615) 890-2740  
507 Highland Terrace  
Murfreesboro, TN 37130

Women’s Health and Maternity  
www.womenshealthandmaternity.com  
(615) 792-3214  
102 Boyd Street,  
Ashland City, TN 37015

Women’s Wellness of Lebanon  
(615) 547-5400  
1420 Baddour Pkwy., Suite 230  
Lebanon, TN 37087
Ancillary vendors provide a variety of services that support the health care industry. These vendors may employ a variety of health care professionals depending upon the nature of the business and services or products offered.

Certified Nursing Assistant
Licensed Practical Nurse
Registered Nurse
Clinical Nurse Specialist
Nurse Practitioner
Certified Nurse Midwife
Certified Registered Nurse Anesthetist
Physical Therapist
Physical Therapist Assistant
Occupational Therapist
Occupational Therapist Assistant
Athletic Trainer
Recreational Therapist
Speech Language Pathologist
Speech Language Pathology Aide and Assistant
Speech Language Pathology Audiologist
Recreational Therapist
Respiratory Therapist and Respiratory Therapist Assistant
Dietitian and Dietetic Technician
Medical Assistant
Surgical Technologist
Emergency Medical Technician—Basic, Intermediate, Paramedic
Radiation Therapist
Diagnostic Radiologic Technologist
Nuclear Medicine Technologist
Diagnostic Medical Sonographer
Medical Technologist, Medical Laboratory Technician, Phlebotomist
Dental Hygienist
Dental Assistant
Dental Laboratory Technician
Health Information Administrator
Health Information Technician
Medical Transcriptionist

Commodore Medical Services
www.commodoremedical.com
David Freeman
CEO
p: (615) 297-2104
f: (615) 627-5908
1941 Cement Plant Road
Nashville, TN 37208

Qwest Communications
www.qwest.com
Jeremy Hall
Representative
p: (615) 986-2717
f: (615) 360-2244
404 BNA Dr.
Suite 403
Nashville, TN 37217
ASSISTED LIVING

The Assisted Living Federation of America (ALFA) defines an assisted living residence as a special combination of housing, personalized supportive services, and health care designed to meet the needs—both scheduled and unscheduled—of those who need help with activities of daily living. Assisted living facilities may employ a variety of health care professionals.

Certified Nursing Assistant  
Licensed Practical Nurse  
Registered Nurse  
Clinical Nurse Specialist  
Nurse Practitioner  
Certified Registered Nurse Anesthetist  
Physical Therapist  
Physical Therapist Assistant  
Occupational Therapist  
Occupational Therapist Assistant  
Recreational Therapist  
Dietitian and Dietetic Technician  
Medical Assistant

American Retirement Corporation  
www.arclp.com  
William E. Sheriff  
Chairman, President and CEO  
p: (615) 221-2250  
f: (615) 221-2269  
111 Westwood Place  
Suite 200  
Brentwood, TN 37027

Brighton Gardens of Brentwood  
www.sunriseseniorliving.com  
Paul Klaasen  
Founder, Chairman, and CEO  
p: (615) 376-5299  
f: (615) 376-5280  
103 Arcaro Place  
Brentwood, TN 37027

Morningside, Inc.  
www.morningsideassistedliving.com  
Evrett W. Benton  
President and CEO  
p: (615) 342-0601  
f: (615) 342-0602  
113 Seaboard Lane  
Suite B-100  
Franklin, TN 37067

Southern Manor Living Centers, LLC  
www.southernlivingcenters.com  
Ronald C. Marston  
President and CEO  
p: (615) 255-7187  
f: (615) 255-7093  
222 2nd Avenue North  
Suite 311  
Nashville, TN 37201

Local  
ASSISTED LIVING CENTERS:

DAVIDSON COUNTY

Barton House  
6961 U.S. Highway 70 South  
Nashville, TN 37221  
(615) 673-6922  
Administrator: Kelly Andrews

Belmont Village  
4206 Stammer Pl.  
Nashville, TN 37215  
(615) 279-9100  
Administrator: Colleen Papp

Burton Court at the Blakeford  
11 Burton Hills Blvd.  
Nashville, TN 37215  
(615) 665-2742  
Administrator: Lois Johnstone

Benton Village of Hermitage  
4131 Andrew Jackson Parkway  
Hermitage, TN 37076  
(615) 885-9989  
Administrator: Timothy A. Diehl

Carestone at Brentwood  
www.carestoneassisted.com  
5436 Edmonson Pike  
Nashville, TN 37211  
(615) 837-8006  
Administrator: Jennifer Moore

Carestone at Rivergate  
www.carestoneassisted.com  
94 Twin Hills Dr.  
Madison, TN 37115  
(615) 855-1979  
Administrator: Kathy Gillihan
<table>
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<tr>
<th>Facility Name</th>
<th>Address</th>
<th>Phone</th>
<th>Administrator</th>
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<tr>
<td>Health Center at Richland Place, The</td>
<td>500 Elmington Ave.</td>
<td>(615) 269-4900</td>
<td>Timothy J. Shelly</td>
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<tr>
<td>Hickory Gardens Assisted Living by Americare</td>
<td>527 Old Hickory Blvd.</td>
<td>(615) 865-0527</td>
<td>Janel Pittman</td>
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<tr>
<td>Homewood Residence at Brookmont Terrace</td>
<td><a href="http://www.brookdaleliving.com">www.brookdaleliving.com</a></td>
<td>(615) 353-1990</td>
<td>John Moore</td>
</tr>
<tr>
<td>Jackson Park Christian Home, Inc.</td>
<td>4107 Gallatin Rd.</td>
<td>(615) 228-0356</td>
<td>Patricia Gammel</td>
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<tr>
<td>Knowles Home</td>
<td><a href="http://www.nashville.gov/bordeaux/knowleshome.htm">www.nashville.gov/bordeaux/knowleshome.htm</a></td>
<td>(615) 862-6440</td>
<td>Gloria O'Neal</td>
</tr>
<tr>
<td>Lakeshore Wedgewood</td>
<td>832 Wedgewood Ave.</td>
<td>(615) 383-4006</td>
<td>Phillip Henry</td>
</tr>
<tr>
<td>Mary, Queen of Angels</td>
<td>34 White Bridge Rd.</td>
<td>(615) 353-6181</td>
<td>Melodie Fyke</td>
</tr>
<tr>
<td>Manor Atrium at McKendree Village, The</td>
<td>4347 Lebanon Rd.</td>
<td>(615) 871-8701</td>
<td>Jackie Hraba</td>
</tr>
<tr>
<td>Maybelle Carter Senior Adult Community</td>
<td>208 West Due West Ave.</td>
<td>(615) 868-2290</td>
<td>Jennifer Todd</td>
</tr>
<tr>
<td>Morningside of Belmont</td>
<td><a href="http://www.5sqc.com">www.5sqc.com</a></td>
<td>(615) 383-2557</td>
<td>Joel Timothy McConnell</td>
</tr>
<tr>
<td>Sycamore Terrace Retirement Community</td>
<td>1427 Lebanon Pike</td>
<td>(615) 242-2412</td>
<td>William V. LaFollette</td>
</tr>
<tr>
<td>Schrader Acres Assisted Living Center</td>
<td>1204 Schrader Acres Dr.</td>
<td>(615) 327-7928</td>
<td>Melvin Corlew</td>
</tr>
<tr>
<td>Waterford in Bellevue, The</td>
<td>8118-B Sawyer Brown Rd.</td>
<td>(615) 646-2544</td>
<td>Lee Anne Crisp</td>
</tr>
<tr>
<td>Dickson County</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NHC HealthCare Dickson</td>
<td>812 N. Charlotte St.</td>
<td>(615) 446-8046</td>
<td>Steven Yokley</td>
</tr>
<tr>
<td>Olive Branch Assisted Living</td>
<td>110 Luther Rd.</td>
<td>(615) 446-5017</td>
<td>Martha Bullington</td>
</tr>
<tr>
<td>Silverplume</td>
<td>1104 Old Charlotte</td>
<td>(615) 797-3000</td>
<td>Dominic Catalano</td>
</tr>
<tr>
<td>Robertson County</td>
<td></td>
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</tr>
<tr>
<td>Morningside of Springfield</td>
<td><a href="http://www.5sqc.com">www.5sqc.com</a></td>
<td>(615) 384-7369</td>
<td>Nelda Myers</td>
</tr>
</tbody>
</table>
Whitehaven
403 South Church St.
Adams, TN 37010
(615) 696-2461
Administrator: Gail Turner

RUTHERFORD COUNTY

Adams Place
www.adamsplace.org/assistedliving.htm
1927 Memorial Blvd.
Murfreesboro, TN 37129
(615) 904-2449
Administrator: Buckley Winfree

Azalea Court
207 Commerce Dr.
Smyrna, TN 37167
(615) 355-9900
Administrator: Fay Miller

Broadmore Assisted Living
www.broadmoreassistedlivingatmurfreesboro.com
3211 Memorial Blvd.
Murfreesboro, TN 37129
(615) 867-9777
Administrator: Rebecca Grow

Park View Meadows
240 MTCS Rd.
Murfreesboro, TN 37129
(615) 907-5800
Administrator: Marie Littrell

Stones River Manor, Inc.
www.tndirectory.com/srm/
205 Haynes Dr.
Murfreesboro, TN 37129
(615) 893-5617
Administrator: Kirk Mason

Sunnington, LLC
www.sunnington.com
1658 Lascassas Pike
Murfreesboro, TN 37130
(615) 217-6756
Administrator: Lisa Harlow

SUMNER COUNTY

Clare Bridge Cottage of Goodlettsville
www.brookdaleliving.com
3001 Business Park Cir.
Goodlettsville, TN 37072
(615) 855-2040
Administrator: Debra Morton

Elmcroft of Hendersonville
1020 Carrington Place
Hendersonville, TN 37075
(615) 264-2440
Administrator: Lisa Harrison

Halltown Residential Home, Inc.
711 Halltown Rd.
Portland, TN 37148
(615) 325-3833
Administrator: Kathy L. Cummings

Morningside of Gallatin, L.P
1085 Hartsville Pike
Gallatin, TN 37066
(615) 230-5600
Administrator: Stephanie Harville

Park Place Retirement Community
31 Executive Park Dr.
Hendersonville, TN 37075
(615) 822-6002
Administrator: Karen Mitchell

Place at Gallatin, The
400 Hancock Rd.
Gallatin, TN 37066
(615) 451-7722
Administrator: Carolyn Conley

Terrace at Bluegrass Senior Living Community
674 East Main St.
Hendersonville, TN 37075
(615) 824-4552
Administrator: Steven Mowatt

Sterling House of Goodlettsville
www.brookdaleliving.com
2025 Caldwell Dr.
Goodlettsville, TN 37072
(615) 859-2889
Administrator: David M. Lyons

WILLIAMSON COUNTY

Benton House/Beacon Pointe of Franklin
303 South Royal Oaks Blvd.
Franklin, TN 37064
(615) 794-6693
Administrator: Rita Huffer

Brighton Gardens of Brentwood
www.sunriseseniorliving.com
103 Arcaro Pl.
Brentwood, TN 37027
(615) 376-5299
Administrator: Paul Wilson
<table>
<thead>
<tr>
<th>Facility Name</th>
<th>Address</th>
<th>Phone Number</th>
<th>Administrator</th>
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<tr>
<td>Brookdale Senior Living</td>
<td>111 Westwood Pl., Ste. 200</td>
<td>(615) 221-2250</td>
<td>Ross Roadman</td>
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<tr>
<td>Morningside of Franklin</td>
<td><a href="http://www.alpah.org">www.alpah.org</a> 105 Sunrise Circle</td>
<td>(615) 591-3362</td>
<td>Mark E. Davis</td>
</tr>
<tr>
<td>NHC Place at Cool Springs</td>
<td><a href="http://www.nhcplace.com">www.nhcplace.com</a> 211 Cool Springs Blvd.</td>
<td>(615) 778-6800</td>
<td>Jerry Winton</td>
</tr>
<tr>
<td>Southern Care II</td>
<td>4277 South Carothers Road</td>
<td>(615) 791-4430</td>
<td>Constance Macy</td>
</tr>
<tr>
<td>Southern Manor Living Centers of Lebanon, LLC</td>
<td>900 Coles Ferry Pike Lebanon, TN 37087</td>
<td>(615) 443-7929</td>
<td>Valerie Edwards</td>
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**Wilson County**

<table>
<thead>
<tr>
<th>Facility Name</th>
<th>Address</th>
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<tr>
<td>Elmcroft of Lebanon</td>
<td>801 West Main St. Lebanon, TN 37087</td>
<td>(615) 444-7016</td>
<td>Kim Edwards</td>
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<tr>
<td>Hearthside at Castle Heights</td>
<td>215 Castle Heights Ave. N. Lebanon, TN 37087</td>
<td>(615) 443-1994</td>
<td>Sarah Johnston</td>
</tr>
<tr>
<td>Johnson Retirement and Assisted Living Community</td>
<td>3190 Carthage Highway Lebanon, TN 37087</td>
<td>(615) 444-2677</td>
<td>Dominic R. Catalano</td>
</tr>
<tr>
<td>Providence Place of Mt. Juliet</td>
<td>1020 Charlie Daniels Pkwy. Mount Juliet, TN 37122</td>
<td>(615) 758-4800</td>
<td>Gail Sulaun</td>
</tr>
</tbody>
</table>
BEHAVIORAL HEALTH CARE

Behavioral health care includes providers of mental health, substance abuse, and developmental disability services. Health care professionals in a variety of roles are employed in behavioral health care.

Certified Nursing Assistant
Licensed Practical Nurse
Registered Nurse
Clinical Nurse Specialist
Nurse Practitioner
Medical Assistant

**Bradford Health Services**
www.bradfordhealth.com

Connie Woods
Regional Director

**Nashville Office**
(615) 902-9191
621 Mainstream Dr., Suite 230
Nashville, TN 37228

**Franklin Office**
1897 General George Patton Dr., Suite 116
Franklin, TN 37067
(615) 595-1028
(615) 595-8842

**Camelot Care Centers, Inc.**
www.procorp.com/locations/tennessee.asp

Nicole Hart
Regional Director
p: (615) 370-4228
f: (615) 370-4220
215 Centerview Drive
Suite 300
Brentwood, TN 37027

**Centerstone Community Mental Health Centers, Inc.**
www.centerstone.org

David C. Guth, Jr.
CEO
p: (615) 463-6600
f: (615) 463-6603
(Corporate Office)
1101 6th Avenue North
Nashville, TN 37208

**Cumberland Heights**
www.cumberlandheights.org

James Moore
CEO
p: (615) 352-1757
P.O. Box 90727
Nashville, TN 37209

**Discovery Place, Inc.**

Ron Fielder
Director
(615) 740-8600
(615) 740-8606
1635 Spencer Mill Road
Burns, TN 37029

**Foundations Associates**
www.dualdiagnosis.org

Michael Cartwright
Executive Director
p: (615) 742-1000
f: (615) 742-1009
220 Venture Circle
Nashville, TN 37228

**Keystone Education and Youth Services**
www.kidlinknetwork.com

H. Neil Campbell
President and CEO
p: (615) 250-2374
f: (615) 250-2387
3401 West End Avenue
Suite 400
Nashville, TN 37203-6847

**Mental Health Association of Middle Tennessee**
www.ichope.com

Angela Thompson
Contact
(615) 269-5355
(615) 269-5413
2416 21st Ave. S., Suite 201
Nashville, TN 37212

**New Life Lodge**
www.newlifelodge.com

John Blount
Public Relations
(615) 446-7034
(615) 446-2377
999 Girl Scout Road
P.O. Box 430
Burns, TN 37029
**Pathfinders**
http://pathfinderstn.org
Don McCloud
Director of Personnel
(615) 452-5688
432 East Main Street
Gallatin, TN 37066

**Psychiatric Solutions, Inc.**
www.psylsolutions.com
Joey Jacobs
President and CEO
p: (615) 312-5700
f: (615) 312-5711
6640 Carothers Pkwy.
Suite 500
Franklin, TN 37067

**Samaritan Recovery Community, Inc.**
www.samctr.org
John York
Executive Director
(615) 244-4802
(615) 242-1459
319 South 4th Street
Nashville, TN 37206

**SeniorHealth Incorporated**
www.seniorhealthinc.com
Kevin D. Lee
President
p: (615) 321-5577
f: (615) 321-5566
49 Music Square West
Suite 502
Nashville, TN 37203

**LOCAL CENTERS**

**Grosch Counseling Center**
(615) 444-7885
320 West Main Street, # B
Lebanon, TN 37087

**Mt. Juliet Health Care and Rehab Center**
(615) 758-4100
2650 N. Mt. Juliet Road
Mt. Juliet, TN 37122

**Renewal House**
www.renewalhouse.org
(615) 255-5222
P.O. Box 280356
Nashville, TN 37228

**ResCare, Inc.**
www.rescare.com
(615) 384-3172
723 South Main Street
Springfield, TN 37172

**Tennessee Rehabilitation Center**
(615) 459-6811
460 Ninth Avenue
Smyrna, TN 37167
BILLING SERVICES/CLAIMS PROCESSING

For health care providers, billing services and claims processing organizations provide administrative support services that typically relate to billing and processing insurance claims. These services will vary depending on the organization and may include data entry, software development and training, patient account management, and other administrative services.

<table>
<thead>
<tr>
<th>Health Information Technician</th>
<th>Health Information Administrator</th>
<th>Medical Transcriptionist</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIM HealthCare Services, Inc.</td>
<td>Medical Reimbursements of America, LLC</td>
<td>Gordian Health Solutions, Inc.</td>
</tr>
<tr>
<td>Jim Sohr</td>
<td>David Dingler</td>
<td>Phillip D. Suiter</td>
</tr>
<tr>
<td>President</td>
<td>President and CEO</td>
<td>President and CEO</td>
</tr>
<tr>
<td>p: (615) 503-1000</td>
<td>p: (615) 963-3871</td>
<td>(615) 844-2100</td>
</tr>
<tr>
<td>f: (615) 503-1145</td>
<td>f: (615) 963-3849</td>
<td>(615) 844-2128</td>
</tr>
<tr>
<td>1021 Windcross Ct.</td>
<td>117 Seaboard Lane</td>
<td>113 Seaboard Lane, Suite 200C</td>
</tr>
<tr>
<td>Franklin, TN 37067</td>
<td>Suite D-100</td>
<td>Franklin, TN 37067-8215</td>
</tr>
<tr>
<td></td>
<td>Middle Tennessee Emergency Physicians P.C.</td>
<td>Ingram and Associates, LLC</td>
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<td></td>
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<td><a href="http://www.ingram1.com">www.ingram1.com</a></td>
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<tr>
<td></td>
<td></td>
<td>Jim Fitzsimmons</td>
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<tr>
<td></td>
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<td>President and Partner</td>
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<tr>
<td></td>
<td></td>
<td>p: (615) 778-4500</td>
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<tr>
<td></td>
<td></td>
<td>f: (615) 778-4510</td>
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<tr>
<td></td>
<td></td>
<td>1720 General George Patton Drive</td>
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<tr>
<td></td>
<td></td>
<td>Brentwood, TN 37027</td>
</tr>
<tr>
<td>Medical Billing Partnership</td>
<td>Medical Reimbursements of America, LLC</td>
<td>Mid-South Claims Reimbursement</td>
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<tr>
<td>Ed Blochowiak</td>
<td>Gordian Health Solutions, Inc.</td>
<td>Demetria White</td>
</tr>
<tr>
<td>Owner and President</td>
<td>Ingram and Associates, LLC</td>
<td>Contact</td>
</tr>
<tr>
<td>615-230-6092</td>
<td><a href="http://www.ingram1.com">www.ingram1.com</a></td>
<td>(615) 382-8863</td>
</tr>
<tr>
<td>(615) 230-6026</td>
<td>Jim Fitzsimmons</td>
<td>514 South Brown Street</td>
</tr>
<tr>
<td>110 West Franklin Street</td>
<td>President and Partner</td>
<td>Springfield, TN 37172</td>
</tr>
<tr>
<td>Gallatin, TN 37066</td>
<td>p: (615) 778-4500</td>
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<tr>
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<tr>
<td>Medical Data Services, LLC</td>
<td>Perot Systems Healthcare</td>
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<tr>
<td>Ron Wood</td>
<td><a href="http://www.perotsystems.com/ARS">www.perotsystems.com/ARS</a></td>
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<tr>
<td>CEO</td>
<td>Tom O’Neill</td>
<td></td>
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<tr>
<td>p: (615) 369-6500</td>
<td>Executive Vice President</td>
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<tr>
<td>f: (615) 320-0089</td>
<td>p: (800) 659-8883</td>
<td></td>
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<tr>
<td>1807 Patterson Street</td>
<td>f: (615) 860-8911</td>
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</tr>
<tr>
<td>Nashville, TN 37203</td>
<td>101 Cumberland Avenue</td>
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<td>Practice Resource Network, Inc.</td>
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<td><a href="http://www.practiceresource.com">www.practiceresource.com</a></td>
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<td>Practice Resource Network, Inc.</td>
<td>Anthony L. Holshouser</td>
</tr>
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<td><a href="http://www.practiceresource.com">www.practiceresource.com</a></td>
<td>Senior Vice President, Sales and Marketing</td>
</tr>
<tr>
<td></td>
<td>Anthony L. Holshouser</td>
<td>p: (615) 661-8929</td>
</tr>
<tr>
<td></td>
<td>Senior Vice President, Sales and Marketing</td>
<td>f: (615) 661-8977</td>
</tr>
<tr>
<td></td>
<td>p: (615) 661-8929</td>
<td>Two Maryland Farms</td>
</tr>
<tr>
<td></td>
<td>f: (615) 661-8977</td>
<td>Suite 133</td>
</tr>
<tr>
<td></td>
<td>Nashville, TN 37203</td>
<td>Brentwood, TN 37027</td>
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</table>
Quantum Recovery Group, Inc.
www.quantumrecovery.com
Sperry Jones
CEO
p: (615) 255-6565
f: (615) 255-6564
315 10th Avenue North
Suite 113
Nashville, TN 37203

STAT Solutions LLC
www.statsolutionsusa.com
J. Dell Crosslin
Managing Director
p: (615) 320-5500
f: (615) 329-9465
2525 West End Avenue
Suite 1100
Nashville, TN 37203

Statement Rendering Solutions, LLC
www.statementrendering.com
Gary L. Semanchik
President and CEO
p: (615) 269-4566
f: (615) 269-4735
2961 Sidco Dr.
Nashville, TN 37204

Trinity Collections and Consulting
www.trinityccs.net
Gail Marshall
Contact
(615) 773-8449
(615) 758-3450
3735 N. Mt. Juliet Road, Suite 205
Mt. Juliet, TN 37122
BIOTECHNOLOGY

Biotechnology organizations use biological techniques developed through basic research and apply them to research and product development.

Certified Nursing Assistant
Licensed Practical Nurse
Registered Nurse
Clinical Nurse Specialist
Nurse Practitioner

**BioMimetic Therapeutics, Inc.**
www.biomimetics.com
Samuel E. Lynch, DMD, DMSc
President and CEO
p: (615) 844-1280
f: (615) 844-1281
389-A Nichol Mill Lane
Franklin, TN 37067

**BioVentures, Inc.**
www.bioventures.com
S. Hope Dawson
Director, Corporate Development
p: (615) 896-7353
f: (615) 896-4837
1435 Kensington Square Court
Murfreesboro, TN 37130

**Cumberland Emerging Technologies, Inc.**
www.cet-fund.com
A.J. Kazimi
CEO
p: (615) 255-0068
f: (615) 255-0094
2525 West End Avenue
Suite 950
Nashville, TN 37203

**GenHunter Corporation**
www.genhunter.com
Peng Liang
President and Founder
p: (615) 833-0665
f: (615) 832-9461
624 Grassmere Park Drive
Suite 17
Nashville, TN 37211

**Nashai Biotech, LLC**
www.nashai.com
Crom Carmichael III
CEO
p: (615) 279-3416
f: (615) 742-3270
3212 West End Avenue
Fifth Floor
Nashville, TN 37203

**Protherics Inc.**
www.protherics.com
Saul Komisar
President
p: (615) 327-1027
f: (615) 320-1212
5214 Maryland Way
Suite 405
Brentwood, TN 37027

**TransCell Therapeutics, Inc.**
John S. Sundsmo
CEO
p: (615) 423-3850
f: (615) 250-1677
2817 West End Avenue
Suite 126-294
Nashville, TN 37203
Clinical labs and testing organizations do tests on biological specimens in order to get information about the health of a patient. They may employ several types of health care professionals.

<table>
<thead>
<tr>
<th>Medical Assistant</th>
<th>Medical Technologist, Medical Laboratory Technician, Phlebotomist</th>
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<tr>
<td><strong>Advanced Breath Diagnostics, LLC</strong></td>
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<td></td>
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<tr>
<td>Kerry C. Bush</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>President and COO</td>
<td></td>
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<tr>
<td>p: (615) 376-5464</td>
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<tr>
<td>f: (615) 376-6384</td>
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<td>105 Westpark Drive</td>
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<tr>
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<td><strong>Aegis Analytical Laboratories, Inc.</strong></td>
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<td><a href="http://www.aegislabs.com">www.aegislabs.com</a></td>
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<tr>
<td>David L. Black</td>
<td></td>
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</tr>
<tr>
<td>Chairman and President</td>
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<tr>
<td>p: (615) 255-2400</td>
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<td>f: (615) 255-3030</td>
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<tr>
<td>345 Hill Avenue</td>
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<tr>
<td>Nashville, TN 37210</td>
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<tr>
<td><strong>CardioLabs, Inc.</strong></td>
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<tr>
<td>Ghislain Vander Elst</td>
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<tr>
<td>CEO</td>
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<td>p: (615) 791-7871</td>
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<td>f: (615) 791-6487</td>
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<tr>
<td>109 Holiday Court</td>
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<td>Suite B-1</td>
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<tr>
<td><strong>Choice Point</strong></td>
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<td>Derek V. Smith</td>
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<tr>
<td>Chairman and CEO</td>
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<tr>
<td>p: (615) 372-6800</td>
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<tr>
<td>f: (615) 832-0054</td>
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</tr>
<tr>
<td>6 Cadillac Drive</td>
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<tr>
<td><strong>Esoterix Laboratory Services, Inc.</strong></td>
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<td><a href="http://www.esoterix.com">www.esoterix.com</a></td>
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<tr>
<td>Gary Kitos</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Vice President and General Manager</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>p: (615) 370-8393</td>
<td></td>
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<tr>
<td>f: (615) 370-8074</td>
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<tr>
<td>201 Summit View Drive</td>
<td></td>
<td></td>
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<tr>
<td>Suite 100</td>
<td></td>
<td></td>
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<tr>
<td>Brentwood, TN 37027</td>
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</tbody>
</table>

**Forensic Medical, PC**

www.forensicmed.com

Bruce Levy
President and CEO
(615) 743-1800
(615) 743-1890
850 R.S. Gass Boulevard
Nashville, TN 37216

**Genetic Assays, Inc.**

www.geneticassays.com

Mike A. Mammarelli
Chairman, CEO, and President
p: (615) 781-0709
f: (615) 781-0766
4711 Trousdale Drive
Suite 209
Nashville, TN 37220

**Genetics Associates, Inc.**

www.geneticsassociates.com

Jesse Gore
President and CEO
p: (615) 327-4532
f: (615) 327-0464
1916 Patterson Street
Suite 400
Nashville, TN 37220-2182

**Home Healthcare Laboratory of America**

www.hhla.com

Bonita Groesser
President
p: (615) 771-0300
f: (615) 771-0319
320 Premier Court
Suite 220
Franklin, TN 37067
Laboratory Corporation of America
www.labcorp.com
Dan Murphy
Executive Director, Business Development
p: (615) 519-8776
f: (615) 591-1673
1400 Donelson Pike
Suite B10
Nashville, TN 37217

National Toxicology Specialist, Inc.
www.drugtestinginfo.com
Howard Taylor
Founder
(615) 353-1888
(615) 356-1890
1425 Elm Hill Pk.
Nashville, TN 37210

Orchid Cellmark
www.orchidbiosciences.com
Bill Watson
Lab Director
p: (615) 360-5000
f: (615) 360-5003
1400 Donelson Pike
Suite A-15
Air Park Center III
Nashville, TN 37217

PathGroup, Inc.
www.pathgroup.com
Ben W. Davis
President and CEO
p: (615) 221-4455
f: (615) 234-2502
5301 Virginia Way
Suite 300
Brentwood, TN 37027

Quest Diagnostics
www.questdiagnostics.com
Thomas Hayden
Lab Operations Manager
p: (615) 687-2000
f: (615) 687-2110
525 Mainstream Drive
Nashville, TN 37228
Local Laboratories:

Davidson County

Accurate Collection and Testing Services
2050 Alexander Boulevard
Murfreesboro, TN 37130
(615) 482-0388

American Red Cross Blood Services
TN Valley Region
2201 Charlotte Ave.
Nashville, TN 37203
(615) 327-8447

Ameritox, Ltd.
501 Metroplex Dr., Ste. 104
Nashville, TN 37211
(615) 831-3784

Anatomic Pathology Laboratory of Nashville (Division of PathGroup)
3441 Dickerson Pike
Nashville, TN 37207
(615) 769-4566

Baptist Hospital
2000 Church St.
Nashville, TN 37236
(615) 284-5024

Biomat USA, Inc.
1620 Church St.
Nashville, TN 37203
(615) 327-0218

Centennial Medical Center NICU Respiratory Blood Gas Laboratory
2221 Murphy Ave., 7th Fl.
2300 Patterson St.
Nashville, TN 37203-1538
(615) 342-4655

Centennial Medical Center Laboratory
2300 Patterson St.
Nashville, TN 37203
(615) 342-3000

Center for Reproductive Health and Reproductive Technologies
2011 Murphy Ave., Suite 605
Nashville, TN 37203
(615) 321-8899

Center for Women’s Health
1919 Charlotte Ave.
Nashville, TN 37209
(615) 340-1342

DCI Main Laboratory
2917 Foster Creighton Dr.
Nashville, TN 37204
(615) 255-5227

DCI Transplant Immunology Laboratory
1616 Hayes St.
Nashville, TN 37203
(615) 321-0212

Dermatopathology Laboratory
Mid-South, Inc.
4301 Hillsboro Rd., Suite 222
Nashville, TN 37215
(615) 386-9719

Diagnostic Laboratories–Vanderbilt University Medical Center
22nd and Pierce 4605 TVC
Nashville, TN 37232-5310
(615) 322-0126

Endocrinology and Andrology Core Laboratory
1005 Dr. D. B. Todd Blvd., Rm. G401
4th Floor, Old Hospital Bldg.
Nashville, TN 37208
(615) 327-6284

Genetic Assays, Inc.
4711 Trousdale Dr., #209
Nashville, TN 37220
(615) 781-0709

Genetics Associates, Inc.
1916 Patterson St., Suite 400
Nashville, TN 37203
(615) 327-4532

Heritage Medical Associates, P.C.
222 22nd Ave. North
Nashville, TN 37203
(615) 284-2222

Kindred Hospital–Nashville
1412 County Hospital Rd.
Nashville, TN 37218
(615) 687-2600
<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>Phone</th>
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<tbody>
<tr>
<td>Laboratory Corporation of America</td>
<td>1400 Donelson Pike, Suite B-10</td>
<td>(615) 519-8776</td>
</tr>
<tr>
<td></td>
<td>Nashville, TN 37217</td>
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<tr>
<td>Laboratory for Kidney Pathology, Inc.</td>
<td>1916 Patterson St., Ste. 501</td>
<td>(615) 321-5729</td>
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<td></td>
<td>Nashville, TN 37203</td>
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<tr>
<td>Matthew Walker Comprehensive Health Center, Inc.</td>
<td><a href="http://www.mwchc.com">www.mwchc.com</a></td>
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<tr>
<td></td>
<td>1035 14th Ave. N.</td>
<td>(615) 327-9400</td>
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<td></td>
<td>Nashville, TN 37208-3369</td>
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<tr>
<td>Meharry Sickle Cell Center/Meharry Medical College</td>
<td>5th Fl., Meharry Medical College</td>
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<td>1005 D. B. Todd Jr., Blvd.</td>
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<tr>
<td></td>
<td>Nashville, TN 37208-3501</td>
<td>(615) 327-6763</td>
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<tr>
<td>Metro Nashville General Hospital Clinical Lab</td>
<td>1818 Albion St.</td>
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<td></td>
<td>Nashville, TN 37208</td>
<td>(615) 341-4331</td>
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<tr>
<td>Nashville Fertility Center, PC</td>
<td>2400 Patterson St., #319</td>
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<td></td>
<td>Nashville, TN 37203-1566</td>
<td>(615) 321-4340</td>
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<tr>
<td>Neogenomics Laboratory</td>
<td>1719 West End Ave., Ste. 403 E</td>
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<td></td>
<td>Nashville, TN 37203</td>
<td>(615) 321-2777</td>
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<tr>
<td>Our Lab</td>
<td>1854 Airline Dr., #17-A</td>
<td></td>
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<tr>
<td></td>
<td>Nashville, TN 37210</td>
<td>(615) 874-0410</td>
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<tr>
<td>Path Lab of Middle Tennessee</td>
<td>400 North Highland Avenue</td>
<td></td>
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<tr>
<td></td>
<td>Murfreesboro, TN 37130</td>
<td>(615) 396-4489</td>
</tr>
<tr>
<td>Pathologists’ Laboratory, P.C.</td>
<td>4733 Andrew Jackson Pkwy.</td>
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<td>P.O. Box 59</td>
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<tr>
<td></td>
<td>Hermitage, TN 37076-1341</td>
<td>(615) 883-0527</td>
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<tr>
<td>Reproductive Specialty Laboratory of Middle Tennessee, LLC</td>
<td>345 23rd Ave. N., Ste. 401</td>
<td></td>
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<tr>
<td></td>
<td>Nashville, TN 37203</td>
<td>(615) 321-4740</td>
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<tr>
<td>Select Specialty Hospital–Nashville</td>
<td>2000 Church St., 4th and 5th Floor</td>
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<td>2021 Church St., Ste. 202</td>
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<td></td>
<td>Nashville, TN 37203</td>
<td>(615) 284-6704</td>
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<tr>
<td>Skyline Medical Center Blood Gas Laboratory</td>
<td>3441 Dickerson Pike</td>
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<td></td>
<td>Nashville, TN 37207</td>
<td>(615) 769-4269</td>
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<tr>
<td>Southern Blood Services, Inc.</td>
<td>1114 17th Ave. S., # 104</td>
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<td></td>
<td>Nashville, TN 37212</td>
<td>(615) 342-0180</td>
</tr>
<tr>
<td>St. Thomas Hospital–Dept. of Pathology</td>
<td>4220 Harding Rd.</td>
<td></td>
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<tr>
<td></td>
<td>Nashville, TN 37202</td>
<td>(615) 222-6542</td>
</tr>
<tr>
<td>Tennessee Department Of Health, Laboratory Services</td>
<td>630 Hart Ln.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Nashville, TN 37247-0801</td>
<td>(615) 262-6300</td>
</tr>
<tr>
<td>Tennessee Oncology, PLLC</td>
<td>250 25th Ave. N., #100</td>
<td></td>
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<tr>
<td></td>
<td>Nashville, TN 37203</td>
<td>(615) 320-5090</td>
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<tr>
<td>Toxmed Reference Laboratory</td>
<td>111 10th Ave. S., Suite 100</td>
<td></td>
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<tr>
<td></td>
<td>Nashville, TN 37203</td>
<td>(615) 255-6270</td>
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<td></td>
<td>Nashville, TN 37209</td>
<td>(615) 250-9310</td>
</tr>
</tbody>
</table>
US Labs
201 Summit View Dr., Ste. 100
Brentwood, TN 37027
(615) 370-8393

ROBERTSON COUNTY
Northcrest Medical Center Laboratory
100 Northcrest Dr.
Springfield, TN 37172-3961
(615) 384-1527

SUMNER COUNTY
Sumner Medical Group, Laboratory, PLLC
300 Steamplant Rd., # 300
Gallatin, TN 37066
(615) 230-8070

Westmoreland Medical Pavilion Laboratory
1124 New Highway 52
Westmoreland, TN 37186
(615) 644-4413

WILLIAMSON COUNTY
Allermetrix, Inc.
400 Sugartree Lane, Ste. 510
Franklin, TN 37064
(615) 599-4100

Home Health Care Laboratory of America
320 Premier Ct., #220
Franklin, TN 37067
(615) 771-0300

WILSON COUNTY
Spectrum TN Network at Lebanon, PSC
1424 W. Baddour Pkwy., Ste. B
Lebanon, TN 37087
(615) 449-4127

University Medical Center Blood Gas Laboratory
1411 Baddour Pkwy.
Lebanon, TN 37087
(615) 444-8262

Woodbury Clinical Laboratory–Lebanon
305 East High St.
P. O. Box 2309
Lebanon, TN 37087-2039
(615) 443-7188
Clinical research organizations provide a variety of research-oriented services to support the medical and health care community. These organizations may employ several health care professionals depending on the nature of the organization and its focus.

- Registered Nurse
- Clinical Nurse Specialist
- Medical Technologist, Medical Laboratory Technician, Phlebotomist
- Nurse Practitioner
- Epidemiologist

**Covance Clinical Development Services**

www.covance.com

Ramesh Amatya
Director, Statistics
p: (615) 313-6700
f: (615) 313-6940
150 4th Avenue North
Suite 1400
Nashville, TN 37219

**ICON Clinical Research Inc.**

www.iconus.com

Peter Gray
CEO
p: (615) 309-4200
f: (615) 309-7793
320 Seven Springs Way
Suite 500
Brentwood, TN 37027
CONTRACT MANAGEMENT/
CLINICAL OUTSOURCING

Contract management and clinical outsourcing organizations provide management services and employees to a variety of health care organizations. Persons in any of the health care professions might be employed by an organization providing contract management and clinical outsourcing services to other organizations (i.e., clinics, hospitals, laboratories, etc.) who use the services of health care professionals in their day-to-day operations.

Certified Nursing Assistant
Licensed Practical Nurse
Registered Nurse
Clinical Nurse Specialist
Nurse Practitioner
Certified Nurse Midwife
Certified Registered Nurse Anesthetist
Physical Therapist
Physical Therapist Assistant
Occupational Therapist
Occupational Therapist Assistant
Athletic Trainer

Recreational Therapist
Speech Language Pathologist
Speech Language Pathology Aide and Assistant
Speech Language Pathology Audiologist
Dietitian and Dietetic Technician
Medical Assistant
Surgical Technologist
Emergency Medical Technician—Basic, Intermediate, Paramedic
Radiation Therapist

Diagnostic Radiologic Technologist
Nuclear Medicine Technologist
Diagnostic Medical Sonographer
Medical Technologist, Medical Laboratory Technician, Phlebotomist
Dental Hygienist
Dental Assistant
Dental Laboratory Technician
Health Information Administrator
Health Information Technician
Medical Transcriptionist

American Endoscopy Services, Inc.
www.aesendo.com
Robert Henry
President and CEO
(615) 385-4225
(615) 385-4392
Creekside Crossing III
8 Cadillac Drive, Suite 200
Brentwood, TN 37027

America Service Group, Inc.
www.asgr.com
Michael Catalano
Chairman, President and CEO
p: (615) 373-3100
f: (615) 376-9862
105 Westpark Drive
Suite 300
Brentwood, TN 37027

Anesthesia Medical Group
www.amg-group.com/
David Whitten
Contact
(615) 327-7870
(615) 327-5435
110 29th Ave. N. Ste. 202
Nashville, TN 37203

CHD Meridian Healthcare
www.chdmeridian.com
R. Dixon Thayer
CEO
p: (615) 665-9500
f: (615) 665-1244
40 Burton Hills Boulevard
Suite 200
Nashville, TN 37215

Global Healthcare Exchange
www.ghx.com
Bruce Johnson
President
p: (615) 279-2200
f: (615) 279-2201
3322 West End Avenue
Suite 610
Nashville, TN 37203

HealthTrust Purchasing Group
www.healthtrustpg.com
Jim Fitzgerald
President and CEO
p: (615) 344-3000
f: (615) 344-3161
155 Franklin Rd.
Suite 400
Brentwood, TN 37027
DENTAL (Clinics)

Dental clinics and dentists in private practice provide oral health care. They typically employ several types of health care professionals.

<table>
<thead>
<tr>
<th>Dental Hygienist</th>
<th>Dental Assistant</th>
<th>Dental Laboratory Technician</th>
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<tbody>
<tr>
<td><strong>Advanced Dental Health Center</strong>&lt;br&gt;www.adrdentalhealth.com&lt;br&gt;(615) 460-0123&lt;br&gt;2000 Richard Jones Rd.&lt;br&gt;Nashville, TN 37215</td>
<td><strong>Benson Orthodontics</strong>&lt;br&gt;www.drbensonortho.com&lt;br&gt;(615) 449-0895&lt;br&gt;P.O. Box 8&lt;br&gt;Hermitage, TN 37076</td>
<td><strong>Brady, Stanley K</strong>&lt;br&gt;www.bradyfamilydentsitry.com&lt;br&gt;(615) 444-7180&lt;br&gt;727 West Main St&lt;br&gt;Lebanon, TN 37087</td>
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<tr>
<td><strong>Affordable Dentures</strong>&lt;br&gt;(615) 871-9339&lt;br&gt;932 Allen Road&lt;br&gt;Nashville, TN 37214</td>
<td><strong>Carothers Parkway General Dentistry, PLLC</strong>&lt;br&gt;(615) 771-7123&lt;br&gt;9040 Carothers Pkwy #1203&lt;br&gt;Franklin, TN 37067</td>
<td><strong>Castle Dental Centers of Tennessee, Inc.</strong>&lt;br&gt;www.castledental.com&lt;br&gt;(615) 794-0402&lt;br&gt;1010 Murfreesboro Rd., Ste. 196&lt;br&gt;Franklin, TN 37064</td>
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<tr>
<td><strong>All Care Dentistry</strong>&lt;br&gt;(615) 385-9744&lt;br&gt;808 Kirkwood Ave.&lt;br&gt;Nashville, TN 37204</td>
<td><strong>Castle Dental Centers of Tennessee, Inc.</strong>&lt;br&gt;www.castledental.com&lt;br&gt;(615) 859-7900&lt;br&gt;813 Two Mile Pkwy.&lt;br&gt;Goodlettsville, TN 37072</td>
<td><strong>Center for Dental Excellence</strong>&lt;br&gt;www.smilesontrack.com&lt;br&gt;(615) 446-2372&lt;br&gt;212 E. College St.&lt;br&gt;Dickson, TN 37055</td>
</tr>
<tr>
<td><strong>Atchley, Michael D.D.S.</strong>&lt;br&gt;(615) 847-1234&lt;br&gt;601 Brandywine Village Court&lt;br&gt;Old Hickory, TN 37138</td>
<td><strong>Children’s Dentistry P.C.</strong>&lt;br&gt;www.childrensdentistrapy.com&lt;br&gt;(615) 855-3088&lt;br&gt;3000 Business Park Circle · Suite 100 · Goodlettsville, TN 37072</td>
<td><strong>Clodfelter, Janet, DDS</strong>&lt;br&gt;(615) 889-6816&lt;br&gt;226 Shady Grove&lt;br&gt;Nashville, TN 37214</td>
</tr>
<tr>
<td><strong>Atkinson Family Dentistry, PC</strong>&lt;br&gt;(615) 217-7878&lt;br&gt;2606 Merchants Walk&lt;br&gt;Murfreesboro, TN 37128</td>
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<tr>
<td><strong>Austin Dental</strong>&lt;br&gt;www.drcaryaustin.com&lt;br&gt;(615) 824-4364&lt;br&gt;165 Indian Lake Blvd Ste 112&lt;br&gt;Hendersonville TN 37075</td>
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<tr>
<td><strong>Beazley, Ted A., DDS, PC</strong>&lt;br&gt;(615) 239-4000&lt;br&gt;318 Northcreek Blvd # 400 · Goodlettsville, TN 37072</td>
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<tr>
<td><strong>Bell, John P., III DDS</strong>&lt;br&gt;(615) 459-4196&lt;br&gt;204 Enon Springs Road East&lt;br&gt;Smyrna, TN 37167</td>
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Cohen, Dr. Gary, DDS
www.smileconstruction.com
(615) 824-8929
133 Indian Lake Rd
Hendersonville TN 37075

Compton, Jerry D.
(615) 893-4288
903 Memorial Blvd.
Murfreesboro, TN 37129

Cooper Orthodontics
(615) 377-7777
7004 Moores Lane
Brentwood, TN 37027

Cooper, Provence and Haley, PC
www.tennesseeoralsurgeons.com
(615) 230-1392
207 23rd Ave. N.
Nashville, TN 37203

Crosby, William DDS
(615) 446-8071
P.O. Box 645
Dickson, TN  37056

Creekview Dental
(615) 459-6974
1450 Sam Davis Road, Suite 120
Smyrna, TN 37167

Dental Bliss
www.dentalblissspa.com
(615) 794-8810
151 Rosa Helm Way
Franklin, TN 37067

Dental Links
www.dentallinks.net
(615) 327-2123
1913 Church St.
Nashville, TN 37203

Dental Plus L.L.C.
(615) 865-4449
1570 Gallatin Pike N. ·
Madison, TN 37115

Dr. Chad Williams Family Dental Care
(615) 444-2069
414 Hill Street
Lebanon, TN 37087

Dr. William Nave Dental Studio
www.drnave.com
(615) 444-6301
105 Winwood Drive
Lebanon, TN 37087

Drs. Bacon and Kruger Family and Cosmetic Dentistry
www.drjanebacon.com
(615) 872-7762
260 Jackson Meadows Drive
Hermitage, TN 37076

Drs. Edge and Ryu
(615) 459-3162
210 Enon Springs Road East
Smyrna, TN 37128

Drs. Oustott, Farris, and Fisher
(615) 384-2659
201 Fifth Ave. West
Springfield, TN 37172

Dream Team Oral Surgery, Inc.
(615) 327-9944
1916 Patterson St., #710
Nashville, TN 37203

East Hills Dental Center
(615) 446-4644
102 Hwy. 70 East
Dickson, TN 37055

Ewing Orthodontics
www.ewingorthodontics.com
(615) 220-8585
739 President Place, Suite 210
Smyrna, TN 37167

Family Dental Service
(615) 384-2858
113 Fifth Ave. West
Springfield, TN 37172

Family Dentistry
(615) 792-4238
776 S Main St.
Ashland City, TN 37015

Ferguson, James, Jr., DDS
www.fergortho.com
(615) 794-0698
Physicians Plaza, Ste 301
100 Covey Drive
Franklin, TN 37067
Fischer Family Dentistry
www.fischerfamilydentistry.com
(615) 824-8870
151 Indian Lake Blvd
Hendersonville TN 37075

Fitzgerald, William J., DDS
(615) 896-7582
819 South Church Street
Murfreesboro, TN 37130

Foster, Stephen, DDS
(615) 754-2295
11316 Lebanon Road
Mt. Juliet, TN 37122

Foster, Timothy
(615) 883-7700
2531 Park Drive
Nashville, TN 37214

Fox, Joseph A., DDS
(615) 859-3700
3050 Business Park Circle Suite 202 ·
Goodlettsville, TN 37072

Franklin Oral Surgery
www.felixlawrence.com
(615) 599-9606
101 Holiday Court
Franklin, TN 37067

Gentle Dental Care
(615) 384-2099
2701 Memorial Blvd.
Springfield, TN 37172

Gholson, John A., III
(615) 889-7111
130 Donelson Pike
Nashville, TN 37214

Glass, Robert G., DDS
(615) 452-2081
131 North Trigg Street
Gallatin, TN 37066

Hamilton Place Dental Center
(615) 459-2022
527 Enon Springs Rd. East
Smyrna, TN 37167

Hermitage Dental Lab
(615) 889-4949
237 Jackson Meadows Drive
Hermitage, TN 37076

Hermitage Family and Cosmetic Dentistry, PC
(615) 872-7762
260 Jackson Meadows Dr.
Hermitage, TN 37076

Hixon, Dan, D.M.D., P.C.
(615) 889-8202
3515 Central Pike
Hermitage, TN 37076

Huffines, Ricky H., DDS
(615) 885-1555
2708 Old Elm Hill Pike
Nashville, TN 37214

Hunter, Tania
(615) 865-4449
1570 Gallatin Pike N
Madison, TN 37115

Implant and General Dentistry of Middle Tennessee
www.tndentistry.com
(615) 893-8771
1110 West Clark Boulevard
Murfreesboro, TN 37128

Integrity Dental Care
(615) 220-5533
301 Wolverine Trail, Ste 203
Smyrna, TN 37167

Jamison, Ben, DDS
(615) 893-6123
1211 Leaf Avenue
Murfreesboro, TN 37130

Johnson, Rachel, DMD
Family and Cosmetic Dentistry
(615) 217-1414
513 North Thompson Lane
Murfreesboro, TN 37129

Johnson,Warren T., DDS, PC
(615) 893-9151
1272 Dow Street
Murfreesboro, TN 37130

Johnson, Wayne
(615) 444-2034
401 West Main, Suite 101
Lebanon, TN 37087

Jones, H. Glenn, DDS
(615) 452-6765
528 Hartsville Pike
Gallatin, TN 37066
Jones, Robert H., DDS  
(615) 893-1629  
534 Highland Terrace  
Murfreesboro, TN 37130

Kemp Dental Group  
www.kempdental.com  
(615) 373-2030  
5110 Maryland Way #190  
Brentwood, TN 37027

Kinard, John P., DDS, PC  
(615) 896-7009  
925 South Church Street, Suite B-200  
Murfreesboro, TN 37130

King, Johnny L.  
(615) 794-8977  
128 Holiday Ct., Suite 117  
Franklin, TN 37067

Koen, Mary Cay  
www.drs.koen.com/marycay/  
(615) 851-1222  
2020 Caldwell Dr., Suite A  
Goodlettsville, TN 37072

Koen, Tommy  
www.drs.koen.com/tommy/  
(615) 824-5636  
131 Indian Lake Blvd., Ste. 202  
Hendersonville, TN 37075

Lancaster, Jeff, DDS  
(615) 859-2757  
818 Wren Road  
Goodlettsville, TN 37072

Larkins, Teresa K., DMD  
(615) 444-3932  
1037 West Main, Suite E  
Lebanon, TN 37087

Lebanon Family and Cosmetic Dentistry  
www.lebanonsmiles.com  
(615) 444-0322  
1430 West Baddour Pkwy., Ste. B  
Lebanon, TN 37087

Legacy Family Dental  
www.legacyfamilydental.net  
(615) 867-1735  
2805 Old Fort Parkway, Suite A  
Murfreesboro, TN 37128

Magnolia Mobile Dental Services, Inc.  
(615) 661-0466  
310 Wilson Pike Circle  
Brentwood, TN 37027

Mappes Orthodontics  
www.mappesortho.com  
(615) 662-0062  
7640 Hwy. 70 South  
Suite 105  
Nashville, TN  37221

Maryland Farm Family Dentistry  
www.mffdentistry.com  
(615) 373-8001  
5111 Maryland Way Ste.306  
Brentwood, TN 37027

Middle Tennessee Oral and Maxillofacial Surgery, PLLC  
(615) 893-7736  
1725 Medical Center Pkwy, Suite 1000  
Murfreesboro, TN 37130

Middle Tennessee Orthodontics Specialists  
(615) 859-2700  
3012 Business Park Circle  
Goodlettsville, TN 37072

Middle Tennessee Periodontics  
www.middperio.com  
(615) 444-9611  
401 West Main St. Ste.104  
Lebanon, TN 37087

Morton, William G.  
(615) 895-3888  
604 East Clark Blvd.  
Murfreesboro, TN 37132

Murfreesboro Oral Surgery  
www.murfreesborooral.com  
(615) 890-8000  
1120 Dow Street  
Murfreesboro, TN 37130

Nashville Center for Aesthetic Dentistry  
www.drdenniswells.com  
(615) 371-8878  
105 Powell Court #101  
Brentwood, TN 37027

Natural Smiles by Design  
www.naturalsmilesbydesign.com  
(615) 614-0135  
400 Sugartree Ln., Ste. 210  
Franklin, TN  37064
Oral Surgical Institute
www.oralsurgicalinstitute.com
(615) 329-4401
324 22nd Ave. North
Nashville, TN 37203

Pack, Tracy L., DDS
www.packortho.com
(615) 898-1000
147 East Clark Boulevard
Murfreesboro, TN 37130

Parkway Commons Family Dentistry
(615) 595-8070
3046 Columbia Ave., Ste. 201
Franklin, TN 37064

Patrick, Leah M., DDS
(615) 446-7878
320 E. College St., Ste. C
Dickson, TN 37055

Patterson and Mays, Drs., P. C.
(615) 452-1225
575 East Bledsoe
Gallatin, TN 37066

Payne, Aaron
(615) 895-8577
745 S. Church St.
Murfreesboro, TN 37130

Pittenger, Gina, DDS
(615) 459-2579
125 Enon Springs Road East
Smyrna, TN 37167

Pitts, Kimberly Dryden, DDS, PC
www.kimpittsdds.com
(615) 890-4587
3320 Memorial Boulevard
Murfreesboro, TN 37129

Pleasant View Smiles
www.pleasantviewsmiles.com
(615) 746-3700
6312 Hwy 41A, Ste. 100
Pleasant View, TN 37146

Premier Dental Care
(615) 452-1292
337 Hancock Street
Gallatin, TN 37066

Preston Dental Care, PLLC
615) 740-5791
342 Henslee Drive
Dickson, TN 37055

Pryor Family Dentistry, P.C.
(615) 444-7999
201 Signature Place
Lebanon, TN 37087

Richardson, Stan M., DDS
(615) 355-1062
780 Nissan Drive
Smyrna, TN 37167

Riel, Brian F., DDS
(615) 896-4860
1302 Dow Street
Murfreesboro, TN 37130

River Springs Dental
www.riverspringsdental.com
(615) 952-4210
111 West Kingston Springs Rd.
Kingston Springs, TN 37082

Rivergate Dental Associates, P.C.
(615) 859-2262
85 Cude Ln.
Madison, TN 37115

Rivergate Dental Care
www.rivergatedentalcare.com
(615) 859-7117
133 Northcreek Blvd.
Goodlettsville, TN 37072

Rivergate Dental Group
(615) 851-1777
919 Conference Dr.
Goodlettsville, TN 37072

Runyon, Rodney, DDS
(615) 451-3833
614 Commons Drive
Gallatin, TN 37066

Sain, David R., DDS, MS, PC
www.docsain.com
(615) 890-7246
1849 Memorial Boulevard
Murfreesboro, TN 37129

Sara B Northcutt, DDS
Family and Cosmetic Dentistry
www.snorthcuttidental.com
(615) 790-4994
1441 New Highway 96 West, Ste. 6
Franklin, TN 37064

Scott, Kimberly D., DDS, PA
(615) 220-6990
741 President Place, Ste. 120
Smyrna, TN 37167
Seligman, David H., DMD, PC
www.seligmanortho.com
(615) 355-2055
206 Eón Springs Road East
Smyrna, TN 37205

Simply Smiles, PLLC
(615) 758-4746
2788 N. Mt. Juliet Road
Mt. Juliet, TN 37122

Simpson, Stephen E., DDS, MS
www.brushem.com
(615) 890-0454
132 Heritage Park Drive, Suite 3
Murfreesboro, TN 37129

Sloan, Lucy, DDS, PLLC
(615) 793-4499
377 Waldron Road
La Vergne, TN 37086

Smithson, Sonia C., DDS
(615) 377-9666
7101 Executive Center Dr. #139
Brentwood, TN 37027

Speck, Stephen M., DDS
(615) 883-3450
3515 Central Pike
Hermitage, TN 37076

Springfield Orthodontics
(615) 384-2484
324 NorthCrest Drive
Springfield, TN 37172

Tabor, M. Jayson, DDS
www.smilesthatrock.com
(615) 822-3200
107 Maple Row Blvd
Hendersonville TN 37075

Taylor Made Smiles
www.taylormadesmiles.com
(615) 595-8585
214 Bridge St.
Franklin, TN 37064

Taylor, F. William
www.just4kidsteeth.com
(615) 824-1700
131 Indian Lake Rd
Hendersonville TN 37075

Thaxton, Steven
(615) 444-3185
312 West Main Street
Lebanon, TN 37087

Thetford, William B., DDS
(615) 446-6041
314 E. College Street
Dickson, TN 37055

Togrye, Anthony
(615) 848-0011
152 Heritage Park Dr.
Murfreesboro, TN 37132

Two Rivers Dental Center
(615) 889-9777
522 Donelson Pike
Nashville, TN 37214

Whaley, Mark B., DDS
(615) 373-4242
205 Ward Circle, Ste 2
Brentwood, TN 37027

Willhoit, Gary D., DDS
(615) 822-0833
107 Imperial Blvd Ste 1
Hendersonville TN 37075

Witherow Orthodontics
(615) 754-2027
1323 Clearview Drive
Mt. Juliet, TN 37122
DIAGNOSTIC IMAGING SERVICES

Diagnostic imaging organizations provide imaging services (CAT scans, MRIs, X-rays, etc.) for patients to record a patient’s health, diagnose problems, and help in developing treatment plans in conjunction with the patient’s health care provider. Several types of health care professionals may be employed by diagnostic imaging providers.

- **Cardiac Services, Inc.**
  - Website: [www.cardiacservices.com](http://www.cardiacservices.com)
  - Kent Simpkins, Chairman and CEO
  - P: (615) 333-6341
  - F: (615) 833-1619
  - 618 Grassmere Park Drive
  - Suite 17
  - Nashville, TN 37211

- **E+Healthcare LLC**
  - Website: [www.eplushealthcare.com](http://www.eplushealthcare.com)
  - Timothy M. Petrikin, CEO and Director
  - P: (615) 467-7400
  - F: (615) 467-7401
  - 104 Woodmont Blvd.
  - Suite 500
  - Nashville, TN 37205

- **Imaging Choice**
  - Website: [www.imagingchoice.com](http://www.imagingchoice.com)
  - Daniel Pierce, President
  - (615) 653-4091
  - (800) 804-4839
  - 3316 Leslie Ln.
  - Murfreesboro, TN 37128

- **Imaging One, LLC**
  - Website: [www.imagingone.com](http://www.imagingone.com)
  - David C. Purus, CEO
  - P: (615) 620-0405
  - F: (615) 620-0404
  - 5409 Maryland Way
  - Suite 140
  - Brentwood, TN 37027

- **Lifetest Imaging Center**
  - Website: [www.lifetest.com](http://www.lifetest.com)
  - Bob Masoner, Executive Director
  - P: (615) 321-5700
  - F: (615) 321-4959
  - 330 23rd Avenue North
  - Nashville, TN 37203

- **Outpatient Imaging Affiliates, LLC**
  - Website: [www.oiarad.com](http://www.oiarad.com)
  - Frank R. Kyle, President and CEO
  - P: (615) 846-7733
  - F: (615) 846-7735
  - 104 Woodmont Boulevard
  - Suite 320
  - Nashville, TN 37205

- **Regents Health Resources, LLC**
  - Website: [www.regentshealth.com](http://www.regentshealth.com)
  - Robert A. Maier, President and CEO
  - P: (615) 376-4424
  - F: (615) 377-0270
  - 783 Old Hickory Boulevard
  - Suite 260
  - Brentwood, TN 37027

- **Touchstone Medical Imaging**
  - Website: [www.tcllc.com](http://www.tcllc.com)
  - Christian Rice, CEO
  - P: (615) 661-9200
  - F: (615) 661-9297
  - 5214 Maryland Way
  - Suite 200
  - Brentwood, TN 37027
Local Imaging Centers:
(see also Acute Care (Hospitals), Ambulatory/Outpatient and Medical)

Advanced Wellness Systems
www.awsmedical.com
7620 Hwy 70 S., Suite 208
Belleview Mall
Nashville, TN 37211
(615) 331-1973

Bioimaging at Charlotte
www.bioimagingcenter.com
1800 Charlotte Ave.
Nashville, TN 37203
(615) 329-4840

Bioimaging of Cool Springs
www.bioimagingcenter.com
3310 Aspen Grove Dr.
Franklin, TN
(615) 771-0171

Bioimaging at Harding
www.bioimagingcenter.com
11 Harding Mall Dr.
Nashville, TN 37211
(615) 332-9700

Cool Springs Imaging
(615) 771-8668
2209 Mallory Lane Ste. 150
Franklin, TN 37067

Diagnostic Outpatient Center, Inc.
(615) 895-9995
428 Bell St.
Murfreesboro, TN 37130

Healthsouth Diagnostic Center of Nashville
(615) 327-1500
337 22nd Ave. N.
Nashville, TN 37203

Hermitage Imaging Center
www.hermitageimaging.com
(615) 884-7674
5045 Old Hickory Blvd., Ste. 100
Hermitage, TN 37076

Hillsboro Imaging
(615) 777-9729
1909 Acklen Ave.
Nashville, TN 37212

Imaging Alliance–Nashville PET, LLC
(615) 354-1255
52 White Bridge Rd.
Nashville, TN 37203

Imaging Center of Murfreesboro, The
(615) 890-8999
1001 North Highland Avenue
Murfreesboro, TN 37130

Middle Tennessee Imaging
www.middletennesseeimaging.com
741 President Pl.
Smyrna, TN 37167
(615) 220-0674

Murfreesboro Diagnostic Imaging, LLC
(615) 896-1234
1020 North Highland Ave., Suite A
Murfreesboro, TN 37130

Murfreesboro Radiology, Inc.
www.tndirectory.com/murfreesboro-radiology/
(615) 893-5022
212 Heritage Park Drive
Murfreesboro, TN 37130

Natchez Imaging Center
(615) 326-2900
101 Natchez Park Dr.
Dickson, TN 37055

Physician Plaza Imaging of Cool Springs
www.imagingcoolsprings.com
(615) 778-1774
740 Cool Springs Blvd., Ste. 110
Franklin, TN 37067

Premier Radiology
(615) 356-3999
28 White Bridge Rd., Suite 111
Nashville, TN 37205
River Radiology, PLLC
www.riverradiology.net
(615) 583-5111
2005 Crossing Circle
Mt. Juliet, TN 37122

Specialty MRI
(615) 320-1255
2018 Murphy Ave., Suite 101
Nashville, TN 37203

Vanderbilt St. Thomas Imaging
(615) 463-3034
4525 Harding Rd., Ste. 102
Nashville, TN 37205-2145
DISEASE MANAGEMENT

Disease management organizations provide a system of coordinated health care interventions for populations with conditions in which patient self-care efforts are significant (i.e., diabetes, high-risk pregnancy, etc.). These organizations support health care providers in their plan of care for their patients. Many health care professions may be employed by disease management organizations.

Certified Nursing Assistant  Clinical Nurse Specialist  Medical Technologist, Medical
Licensed Practical Nurse  Nurse Practitioner  Laboratory Technician, Phlebotomist
Registered Nurse  Medical Assistant

**American Healthways, Inc.**
[www.americanhealthways.com](http://www.americanhealthways.com)

Ben R. Leedle, Jr.
President and CEO
p: (615) 665-1122
f: (615) 665-7739
3841 Green Hills Village Drive
3rd Floor
Nashville, TN 37215

**Health Management Corporation**
[www.choosehmc.com](http://www.choosehmc.com)

Donna Snow
Director of Operations
p: (615) 503-2600
f: (615) 503-2611
840 Crescent Centre Drive
Suite 300
Franklin, TN 37067

**Hemophilia Health Services, Inc.**
[www.accredohalth.net/hhs](http://www.accredohalth.net/hhs)

Kyle J. Callahan
President
p: (615) 352-2500
f: (615) 352-2588
6820 Charlotte Pike
Nashville, TN 37209

**National Renal Alliance, LLC**
[www.nationalrenalalliance.com](http://www.nationalrenalalliance.com)

Joseph Cashia
CEO
p: (615) 771-4400
f: (615) 771-4401
730 Cool Springs Boulevard
Suite 100
Franklin, TN 37067

**Premier Micronutrient Corporation**
[www.premiermicronutrient.com](http://www.premiermicronutrient.com)

David L. Newell
CEO
p: (615) 234-4020
f: (615) 321-4782
1801 Westend Ave.
Suite 926
Nashville, TN 37201
DISTRIBUTORS

Distributors may provide a variety of services that support the health care industry depending upon the nature of the business and services or products offered.

Certified Nursing Assistant
Licensed Practical Nurse
Registered Nurse
Clinical Nurse Specialist
Nurse Practitioner
Certified Nurse Midwife
Certified Registered Nurse Anesthetist
Physical Therapist
Physical Therapist Assistant
Occupational Therapist
Occupational Therapist Assistant
Athletic Trainer
Recreational Therapist
Speech Language Pathologist
Speech Language Pathology Aide and Assistant
Speech Language Pathology Audiologist
Recreational Therapist
Respiratory Therapist and Respiratory Therapist Assistant
Dietitian and Dietetic Technician
Medical Assistant
Surgical Technologist
Emergency Medical Technician—Basic, Intermediate, Paramedic
Radiation Therapist
Diagnostic Radiologic Technologist
Nuclear Medicine Technologist
Diagnostic Medical Sonographer
Medical Technologist, Medical Laboratory Technician, Phlebotomist
Dental Hygienist
Dental Assistant
Dental Laboratory Technician
Health Information Administrator
Health Information Technician
Medical Transcriptionist

Cardinal Health
www.cardinal.com
Mike Slinker
Account Executive
p: (615) 793-4400
f: (615) 287-2476
305 Tech Park Dr.
Suite 113
La Vergne, TN 37086

Choice 1 Medical Distributors, Inc.
www.c1md.com
Terry Payne
President
p: (615) 301-C1MD
f: (615) 301-2164
1905 Church Street
Nashville, TN 37203

MAX Well Medical, Inc.
www.maxwellmedical.com
Milton Maxwell
President
p: (615) 312-4003
f: (615) 853-8104
220 Athens Way
Suite 150
Nashville, TN 37228-1322

McKesson Corporation
www.mckesson.com
John H. Hammergren
President and CEO
p: (615) 400-3319
f: (615) 370-8040
6420 Eastborne Drive
Brentwood, TN 37027

Metro Medical Supply, Inc.
www.metromedical.com
Tommy Tompkins
Co-Owner
p: (615) 256-4194
f: (615) 256-4194
200 Cumberland Bend
Nashville, TN 37228

National Specialty Services
www.nssonline.com
David Canniff
Vice President and General Manager
p: (615) 287-5200
f: (800) 879-5569
401 Mason Road
La Vergne, TN 37086
Orthopaedic Solutions of Tennessee, LLC
Billy Rolfe
President
p: (615) 463-9885
f: (615) 463-9887
104 Kenner Avenue
Suite 202
Nashville, TN 37205

Specialty Surgical Instrumentation, Inc.
www.specsurg.com
Keith Sweeney
Nashville Sales Representative
p: (615) 883-9090
f: (615) 883-9107
200 River Hills Drive
Nashville, TN 37210

Stradis Healthcare, LLC
www.stradismed.com
Jeff Jacobs
President
p: (615) 385-3816
f: (615) 523-3600
102 Woodmont Blvd.
Suite 214
Nashville, TN 37205
Schools, universities, colleges, hospitals, and state departments of health may employ a wide range of health care professionals in both direct care and administrative roles.

<table>
<thead>
<tr>
<th>Certified Nursing Assistant</th>
<th>Athletic Trainer</th>
<th>Medical Technologist, Medical Laboratory Technician, Phlebotomist</th>
</tr>
</thead>
<tbody>
<tr>
<td>Licensed Practical Nurse</td>
<td>Recreational Therapist</td>
<td>Dental Hygienist, Dental Assistant, Dental Laboratory Technician</td>
</tr>
<tr>
<td>Registered Nurse</td>
<td>Speech Language Pathologist</td>
<td>Health Information Administrator</td>
</tr>
<tr>
<td>Clinical Nurse Specialist</td>
<td>Speech Language Pathology Aide and Assistant</td>
<td>Health Information Technician</td>
</tr>
<tr>
<td>Nurse Practitioner</td>
<td>Speech Language Pathology Audiologist</td>
<td>Medical Transcriptionist</td>
</tr>
<tr>
<td>Certified Nurse Midwife</td>
<td>Dietitian and Dietetic Technician</td>
<td>Epidemiologist</td>
</tr>
<tr>
<td>Certified Registered Nurse Anesthetist</td>
<td>Medical Assistant</td>
<td></td>
</tr>
<tr>
<td>Occupational Therapist</td>
<td>Emergency Medical Technician— Basic, Intermediate, Paramedic</td>
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<tr>
<td>Occupational Therapist Assistant</td>
<td></td>
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</tr>
</tbody>
</table>

**State of Tennessee**

www.state.tn.us/

Phil Bredesen
Governor
(615) 741-2001
Governor’s Office
State Capitol
Nashville, TN 37243-0001

**Tennessee Department of Education**

(All Schools)

www.state.tn.us/education

Lana C. Seivers
Commissioner
(615) 741-2731
Andrew Jackson Tower, 6th Floor
Nashville, TN 37243-0375

**County Boards of Education**

**Cheatham County Board of Education**

cheatham.k12tn.net/

Lynn Seifert
Director of Schools
102 Elizabeth Street
Ashland City, TN 37015
(615) 792-5664

**Davidson County Board of Education**

www.mnps.org/

Pedro Garcia
Director of Schools
2601 Bransford Ave.
Nashville, TN 37204
(615) 259-4636

**Dickson County Board of Education**

www.dicksoncountyschools.org/

Charles R. Daniel
Director of Schools
817 North Charlotte St.
Dickson, TN 37055
(615) 446-7571

**Metro/Nashville (Davidson) County Health Dept.**

healthweb.nashville.org

Stephanie Bailey
Director
311 23rd Avenue North
Nashville, TN 37203
(615) 340-5622

**Robertson County Board of Education**

www.robcoschools.org/

Daniel P. Whitlow
Director of Schools
2121 Woodland Street
Springfield, TN 37172
(615) 384-5588

**Rutherford County Board of Education**

www.rcs.k12.tn.us/

Harry Gill
Director of Schools
2240 Southpark Blvd.
Murfreesboro, TN 37128
(615) 893-5812
Sumner County Board of Education  
www.sumnerschools.org/  
Benny Bills  
Director of Schools  
695 East Main St.  
Gallatin, TN 37066  
(615) 451-5200

Trousdale County Board of Education  
www.tcschools.org/  
Margaret Oldham  
Director of Schools  
103 Lock Six Road  
Hartsville, Tennessee 37074  
(615) 374-2193

Williamson County Board of Education  
www.wcs.edu/  
Rebecca S. Sharber  
Director of Schools  
1320 West Main  
Suite 202  
Franklin, TN 37064  
(615) 472-4003

Wilson County Board of Education  
www.wcschools.com  
Mickey Hall  
Interm Director of Schools  
351 Stumpy Lane, Suite 202  
Lebanon, Tennessee 37090  
(615) 444-3282

Public Health Departments

Bureau of TennCare  
state.tn.us/tenncare  
Darin Gordon  
Deputy Commissioner  
(800) 342-3145  
310 Great Circle Dr.  
Nashville, TN 37243

Tennessee Department of Health  
www.state.tn.us/health  
Susan R. Cooper  
Commissioner  
(615) 741-3111  
Cordell Hull Bldg. 3rd Floor  
Nashville, TN 37243-0101

Tennessee Department of Mental Health and Developmental Disabilities  
www.state.tn.us/mental/  
Virginia Trotter Betts  
Commissioner  
425 Fifth Ave. N., 3rd Floor  
Nashville, TN 37243-0675  
(615) 732-6500

LOCAL HEALTH DEPARTMENTS

Cheatham County Health Department  
Vanessa Watkins  
Director  
162 County Services Drive, Suite 200  
Ashland City, TN 37015  
(615) 792-4318

Dickson County Health Department  
Bill Leach  
Director  
301 West End Ave.  
Dickson, TN 37055-1725  
(615) 446-2839

Dickson County Health Department  
White Bluff Clinic  
200 School Rd.  
White Bluff, TN 37187  
(615) 797-5056

Robertson County Health Department  
Vanessa Watkins  
Director  
800 South Brown Street  
Springfield, TN 37172-2920  
(615) 384-0208

N. Rutherford County Health Department  
www.rutherfordcounty.org/health/  
André Fresco  
Director  
108 David Collins Drive  
Smyrna, TN 37167  
(615) 355-6175
Rutherford County Health Department
www.rutherfordcounty.org/health/
André Fresco
Director
100 West Burton
Murfreesboro, TN 37130
(615) 898-7785

Sumner County Health Department
Mary H. Hayes
Director
1005 Union School Road
Gallatin, TN 37066
(615) 206-1100

Sumner County Health Department
Hendersonville Clinic.
Mary H. Hayes
Director
351 New Shackle Island Rd.
Hendersonville, TN 37075
(615) 824-0552

Trousdale County Health Department
Paula Campbell
Director
541 East Main Street
Hartsville, TN 37074
(615) 374-2112

Williamson County Health Department
Becky Brumley
Director
1324 West Main Street
Franklin, TN 37064-3789
(615) 794-1542

Williamson County Health Department
Fairview Clinic
Becky Brumley
Director
2629 Fairview Blvd.
Fairview, TN 37062
(615) 799-2389

Wilson County Health Department
Paula Campbell
Director
927 E. Baddour Pkwy.
Lebanon, TN 37087
(615) 444-5325

Armed Forces

Air Force
www.af.mil
www.airforce.com/careers/healthcare/careers.php

Local Recruiting Stations

Davidson County
731 Thompson Lane, Suite 101
Nashville, TN 37204
(615) 385-4309

2636 Elm Hill Pike, Suite 135
Nashville, TN 37214
(615) 885-9665

Dickson County
404 Highway 46 South, Suite 1
Dickson, TN 37055
(615) 446-8475

Robertson County
1722 Gallatin Pike N., Suite 9B
Madison, TN 37115
(615) 865-2107

Rutherford County
1715 Old Fort Parkway, Suite 4
Murfreesboro, TN 37129
(615) 890-7405

Army
www.army.mil
www.goarmy.com/amedd/

Local Recruiting Stations

Davidson County
2401 Edge O Lake Drive
Antioch, TN 37013
(615) 731-1044

Dickson County
404 Highway 46
Dickson, TN 37055
(615) 740-1615

Robertson County
1722 Gallatin Pike N.
McHenry Center
Madison, TN 37115
(615) 865-0456

Rutherford County
1715 Old Fort Parkway, Unit 1
Murfreesboro, TN 37130
(615) 890-1810
Sumner County
160 N. Belvedere Dr.
Village Green Shopping Center
Gallatin, TN 37066
(615) 452-0463

Williamson County
600 Frazier Drive, Suite 110B
Franklin, TN 37067
(615) 778-9718

Wilson County
1416 West Main Street, Suite K
Westview Plaza Shopping Center
Lebanon, TN 37087
(615) 453-1442

NAVY
www.navy.mil
www.navy.com/healthcareopportunities/

LOCAL RECRUITING STATIONS

Davidson County
2401 Edge O Lake Dr.
Antioch, TN 37013
(615) 361-0148

Dickson County
404 Hwy. 46 S., Ste. 4
Dickson, TN 37055
(615) 740-1411

Robertson County
1722 Gallatin Pike N., Suite 9B
Madison, TN 37115
(615) 865-2107

Rutherford County
1717 Old Fort Pkwy., Unit 2
Murfreesboro, TN 37129
(615) 890-6328

Sumner County
160 Belvedere Dr. N.
Gallatin, TN 37066
(615) 451-3328

Williamson County
600B Frazier Dr., Ste. 110
Franklin, TN 37067
(615) 778-8861
HEALTH INFORMATION TECHNOLOGY

Organizations providing health information technology services offer methods of data collection, interpretation, and analysis.

<table>
<thead>
<tr>
<th>Health Information Administrator</th>
<th>Health Information Technician</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Adtec Digital, Inc.</strong>&lt;br&gt;www.adtecinc.com</td>
<td><strong>CENSIS Technologies, Inc.</strong>&lt;br&gt;www.censis.net</td>
</tr>
<tr>
<td>Kevin Ancelin&lt;br&gt;President</td>
<td>Dan Nelson&lt;br&gt;V.P., Sales</td>
</tr>
<tr>
<td>p: (615) 256-6619&lt;br&gt;f: (615) 256-6593&lt;br&gt;408 Russell Street&lt;br&gt;Nashville, TN 37206</td>
<td>p: (615) 468-8000&lt;br&gt;f: (615) 468-8003&lt;br&gt;117 Seaboard Lane&lt;br&gt;Suite F205&lt;br&gt;Franklin, TN 37067</td>
</tr>
<tr>
<td><strong>Aionex</strong>&lt;br&gt;www.aionex.com</td>
<td><strong>CIMplify</strong>&lt;br&gt;www.cimplify.net</td>
</tr>
<tr>
<td>Curt Freeman&lt;br&gt;CEO and President</td>
<td>Ralph D. Hildabrand&lt;br&gt;President and CEO</td>
</tr>
<tr>
<td>p: (615) 851-4477&lt;br&gt;f: (615) 851-5644&lt;br&gt;104 Spacepark N.&lt;br&gt;Goodlettsville, TN 37072</td>
<td>p: (615) 261-6700&lt;br&gt;f: (615) 261-6050&lt;br&gt;720 Cool Springs Boulevard&lt;br&gt;Suite 500&lt;br&gt;Franklin, TN 37067</td>
</tr>
<tr>
<td><strong>Annexio International, Inc.</strong>&lt;br&gt;www.annexio.com</td>
<td><strong>CISCO Systems, Inc.</strong>&lt;br&gt;www.cisco.com</td>
</tr>
<tr>
<td>Chip Hysler&lt;br&gt;VP of Marketing</td>
<td>Don Austelle&lt;br&gt;Major Account Manager</td>
</tr>
<tr>
<td>p: (888) 835-0786&lt;br&gt;f: (615) 309-9306&lt;br&gt;5341 Virginia Way&lt;br&gt;Brentwood, TN 37027</td>
<td>p: (615) 221-2900&lt;br&gt;f: (615) 221-2999&lt;br&gt;7000 Executive Center Drive&lt;br&gt;Suite 101&lt;br&gt;Brentwood, TN 37027</td>
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<tr>
<td><strong>Avega Health Systems, Inc.</strong>&lt;br&gt;www.avega.com</td>
<td><strong>Clinix Medical Information Services, LLC.</strong>&lt;br&gt;www.clinixmis.com</td>
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<tr>
<td>Robert V. Nagelhout&lt;br&gt;President and CEO</td>
<td>Leonard McGugin&lt;br&gt;Sales Representative</td>
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<tr>
<td>p: (615) 889-1668&lt;br&gt;f: (615) 889-1678&lt;br&gt;545 Marriott Drive&lt;br&gt;Suite 600&lt;br&gt;Nashville, TN 37214</td>
<td>p: (866) 254-6496&lt;br&gt;278 Franklin Rd.&lt;br&gt;Suite 300&lt;br&gt;Brentwood, TN 37027</td>
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<tr>
<td><strong>BCX Technology, Inc./Omnicell</strong>&lt;br&gt;www.omicell.com</td>
<td><strong>Conduit Corporation</strong>&lt;br&gt;www.conduitcorporation.com</td>
</tr>
<tr>
<td>David Mason&lt;br&gt;VP, BCX Division</td>
<td>Ray Capp&lt;br&gt;Chairman</td>
</tr>
<tr>
<td>p: (615) 444-3230&lt;br&gt;f: (615) 444-9957&lt;br&gt;1450 Sparta Pike&lt;br&gt;Lebanon, TN 37087</td>
<td>p: (615) 269-5710&lt;br&gt;f: (615) 279-3410&lt;br&gt;3212 West End Avenue&lt;br&gt;Suite 500&lt;br&gt;Nashville, TN 37203</td>
</tr>
</tbody>
</table>
**Decision Source, Inc.**  
**www.decisionsource.com**  
Major Wang  
President  
p: (615) 321-3580  
f: (615) 321-3582  
7101 Executive Drive  
Suite 215  
Brentwood, TN 37027

**EMC Corporation**  
**www.emc.com**  
Joseph M. Tucci  
President and CEO  
p: (615) 771-8660  
f: (615) 771-8650  
341 Cool Springs Boulevard  
Suite 340  
Franklin, TN 37067

**digiChart, Inc.**  
**www.digichart.com**  
G. William Bates  
CEO  
p: (615) 777-2727  
f: (615) 321-4450  
102 Woodmont Boulevard  
Suite 500  
Nashville, TN 37205

**EnableComp, Inc.**  
**www.enablecomp.com**  
David S. Iskowe  
CEO  
p: (615) 791-4300  
f: (615) 349-9002  
1300 Holiday Ct.  
Suite 113  
Franklin, TN 37067

**DigiScript, Inc.**  
**www.digiscr ipt.com**  
J. Edward Pearson  
President and CEO  
p: (615) 778-0780  
f: (615) 778-0781  
1410 Donelson Pike  
Suite B-5  
Nashville, TN 37217

**eTransPlus, Inc.**  
**www.etransplus.com**  
John A. Reigard  
CEO  
p: (615) 345-9900  
f: (615) 345-9910  
2525 Perimeter Place Drive  
Suite 133  
Nashville, TN 37214

**Dominic and Irvine Market Research**  
**www.dominicirvine.com**  
Mike Murphy  
CEO  
p: (615) 591-9252  
f: (615) 595-2019  
206 Gothic Court  
Suite 301  
Franklin, TN 37067

**Everest, LLC**  
**www.everestusa.com**  
Steve Hough  
President  
p: (615) 352-1006  
f: (615) 352-3744  
49 Music Square W.  
Suite 401  
Nashville, TN 37203

**EBM Solutions**  
**www.ebm-solutions.com**  
Eric Thrailkill  
President and CEO  
p: (615) 250-1650  
f: (615) 250-1693

**Evolved Digital Solutions, Inc.**  
**www.evolveddigital.com**  
Bill Greer  
President and CEO  
(615) 352-2900  
(615) 843-2939  
5141 Virginia Way, Suite 300  
Brentwood, TN 37027

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**www.eclipsys.com**  
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President and CEO  
p: (615) 332-9500  
f: (615) 332-9515  
336 Red Feather Lane  
Brentwood, TN 37027
FCG Call Center Services
www.fcg.com
Vadeesh Budramane
COO
p: (615) 256-6804
f: (615) 256-6810
209 10th Ave. S.
Suite 525
Nashville, TN 37203

FCG Infrastructure Services Inc.
www.fcg.com
Vadeesh Budramane
COO
p: (615) 507-8040
f: (615) 507-8056
1209 Laurel Street
Nashville, TN 37203

Health InfoTechnics, LLC
www.healthinfotechnics.com
LeeAnne Denney
CEO
p: (615) 298-4011
f: (615) 298-4549
210 Jamestown Park Road
Suite 101
Brentwood, TN 37027

Healthcare Management Systems, Inc.
www.hmstn.com
Thomas M. Stephenson
President
p: (615) 383-7300
f: (615) 383-6093
3102 West End Avenue
Suite 400
Nashville, TN 37203

HealthStream, Inc.
www.healthstream.com
Robert A. Frist, Jr.
Chairman and CEO
p: (615) 301-3100
f: (615) 301-3200
209 10th Avenue South
Suite 450
Nashville, TN 37203

HealthTrio
www.healthtrio.com
Mauk M. Hasan
President and CEO
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InfoPartners, Inc.
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www.ironmountain.com
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www.1.ixt.com
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**Kraft Technology Group, LLC**  
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**MyHealthGuide, LLC**  
www.myhealthguide.com  
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567 Midway Circle  
Brentwood, TN 37027-5178

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Brentwood, TN 37027

**NETContent, Inc.**  
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Nashville, TN 37203

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www.labinsightreport.com  
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f: (615) 376-3552  
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Franklin, TN 37067

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www.qualifacts.com  
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CEO and President  
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f: (615) 386-1225  
200 2nd Ave. S.  
Second and Third Floors  
Nashville, TN 37201  

Rehab Documentation Company, Inc., The  
www.rehabdocumentation.com  
Gerry Stone  
President  
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f: (615) 259-3602  
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Suite 400  
Nashville, TN 37203  

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www.seniormetrix.com  
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f: (615) 376-1020  
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f: (615) 261-1790  
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VP for Marketing Affairs  
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f: (615) 321-8972  
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Nashville, TN 37209  

Sy.Med Development, Inc.  
www.symed.com  
James P. Aylward  
President and CEO  
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f: (615) 370-0078  
101 Westpark Drive  
Suite 280  
Brentwood, TN 37027  

Thomson Medstat  
www.medstat.com  
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V.P., Marketing and Product Development  
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f: (615) 778-6303  
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Franklin, TN 37067  

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Brentwood, TN 37027  

TransHealth  
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President and CEO  
p: (615) 846-1200  
f: (615) 846-1299  
5121 Maryland Way  
Suite 301  
Brentwood, TN 37027
HOME HEALTH CARE

Organizations providing home health care provide patient care delivered by a variety of health care professionals in the patient’s home. Many health care professionals may be employed by home health organizations.

Certified Nursing Assistant
Licensed Practical Nurse
Registered Nurse
Clinical Nurse Specialist
Nurse Practitioner
Certified Nurse Midwife

Certified Registered Nurse Anesthetist
Physical Therapist
Physical Therapist Assistant
Occupational Therapist
Occupational Therapist Assistant
Recreational Therapist

Speech Language Pathologist
Speech Language Pathology Aide and Assistant
Speech Language Pathology Audiologist
Medical Assistant

Alive Hospice, Inc.
www.alivehospice.org
Janet L. Jones
President and CEO
p: (615) 327-1085
f: (615) 321-8902
1718 Patterson Street
Nashville, TN 37203

Always Home, Inc.
www.alwayshome.net
Mary Ewing
President and CEO
p: (615) 346-4663
f: (615) 369-6240
1600 Westgate Circle
Suite 125
Brentwood, TN 37027

American HomePatient Inc.
www.ahom.com
Joseph F. Furlong
President and CEO
p: (615) 221-8884
f: (615) 373-1947
5200 Maryland Way
Suite 400
Brentwood, TN 37027-5018

CareAll Homecare Services
www.careallinc.com
J. W. Carell
Chairman
p: (615) 889-9788
f: (615) 889-9699
4015 Travis Drive
Suite 200
Nashville, TN 37211

Coram Healthcare Corporation
www.coramhc.com
John J. Arlotta
President and CEO
p: (615) 832-9366
f: (615) 832-0036
618 Grassmere Park Drive
Suite 7
Nashville, TN 37211

Elderly Services, Inc.
www.elderlyservicesinc.com
Patsy Dunaway
Company Manager
p: (615) 848-0114
f: (615) 848-3016
602 W. College Street
Murfreesboro, TN 37130

Friendship Healthcare Systems, Inc.
Theo Egbujor
President and CEO
p: (615) 365-4424, 866-466-8436
f: (615) 365-7897
333 Plus Park Blvd.
Nashville, TN 37217

HomeCare Solutions, Inc.
www.homecaresolutions.net
Stephen Lepley
CEO
p: (615) 690-4427
f: (800) 886-2580
402 BNA Dr.
Suite 205
Nashville, TN 37217
Intrepid Healthcare Services of Middle Tennessee
Courtney Daniel
Clinical Coordinator
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1420 Donelson Pike
Suite B-19
Nashville, TN 37217

MaxLife@Home of Tennessee
www.maxlifeathome.com
Raj Kaushal
CEO
p: (615) 309-9300
f: (615) 599-5985
209 Ward Circle
Brentwood, TN 37027

Tennessee Home Medical Inc.
Bill Talley
President and CEO
p: (615) 228-8500
f: (615) 228-8900
535 Brick Church Park Drive
Nashville, TN 37207-3219

Local Home Health Agencies:

Davidson County

Amedysis Home Health
2000 Glen Echo Rd., Ste. 115
Nashville, TN 37215-2877
(615) 298-3931
Administrator: Laura Turk

Amedysis of Nashville, East
2525 Perimeter Place Dr., Ste. 135
Nashville, TN 37214
(615) 883-9040
Administrator: Jacquelyn Rockey

Amedysis Home Care
230 Cumberland Bend, Suite D
Nashville, TN 37228
(615) 313-7400
Administrator: Jacquelyn Rockey

Baptist St. Thomas Home Care
One Vantage Way
Suite B-300
Nashville, TN 37228
(615) 222-8500
Administrator: Pamela Rudd

Careall
51 Century Blvd., Ste. 308
Nashville, TN 37214
(615) 832-3788
Administrator: Jo Ann Pedigo

Careall
4015 Travis Dr., Suite 101
Nashville, TN 37211
(615) 889-9788
Administrator: Brenda Beasley

Continuous Care Services, LLC
545 Mainstream Dr.
Suite 100
Nashville, TN 37228-1569
(615) 263-4425
Administrator: Dee A. Stoffer

Elk Valley Health Services, Inc.
1420 Donelson Pike
Suite B-1
Nashville, TN 37217
(615) 360-1116
Administrator: Karen Bell

Friendship Home Health Agency, LLC
333 Plus Park Blvd.
Nashville, TN 37217
(615) 365-4424
Administrator: Grace Egbujor

Gentiva Health Services
1102 Kermit Dr.
Suite 101
Nashville, TN 37217
(615) 360-9000
Administrator: Georgia Thompson

Home Care Solutions, Inc.
2525 Perimeter Pl.
Suite 117
Nashville, TN 37217
(615) 365-0300
Administrator: Nancy Kepler

Home Health Care of Middle Tennessee, LLC
The Oaks, 1101 Kermit Dr.
Suite 509
Nashville, TN 37217
(615) 361-4859
Administrator: Amy Comer
Intrepid USA Healthcare Services
330 Wallace Rd.
Suite 106
Nashville, TN 37211
(615) 445-3007
Administrator: Joyce Devoe

Matria Healthcare, Inc.
1926 Hayes St.
Suite 107
Nashville, TN 37203
(615) 320-3270
Administrator: Laura Milner

Premiere Home Health, Inc.
846 East Meade
Madison, TN 37115
(615) 612-0202
Administrator: Fredene Roby

Sumner Home Care and Hospice, LLC
135 Northcreek Blvd.
Goodlettsville, TN 37072
(615) 859-9228
Administrator: Connie Hofmann

Suncrest Home Health
608 Hospital Dr.
Madison, TN 37115
(615) 865-9841
Administrator: Chris Jones

US Bioservices
2525 Perimeter Place Dr. Ste. 100
Nashville, TN 37214
(615) 331-2011
Administrator: Kimberly Keyser

Vanderbilt Community and Home Services
2120 Belcourt Ave.
Nashville, TN 37232-8600
(615) 936-0355
Administrator: Cally Charping

Vanderbilt Home Care Services
2120 Belcourt Ave.
Nashville, TN 37232-8600
(615) 936-0336
Administrator: Janie Parmley

Willowbrook Home Health Care Agency, Inc.
1451 Elm Hill Pk.
Suite 102
Nashville, TN 37210
(615) 399-2220
Administrator: June Baldini

Dickson County

Amedysis Home Care
762 Hwy. 46S
Dickson, TN 37055
(615) 326-0326
Administrator: Nancy Kepler

Friendship Home Healthcare, Inc.
302 N. Main St.
Dickson, TN 37055
(615) 326-0910
Administrator: Grace Egbulog

Guardian Home Care Mid-Cumberland LLC
8 Mathis Drive
Dickson, TN 37055
(615) 441-1747
Administrator: Fran Utley

Home Care Solutions, Inc.
762 Hwy 46S
Dickson, TN 37055
(615) 441-0009
Administrator: Nancy Kepler

Home Health Care of Middle Tennessee
106 Hwy. 70 E., Unit 2
Dickson, TN 37055
Administrator: AMY COMER

NHC Homecare
305 Highway 70 East
Dickson, TN 37055
(615) 446-8046
Administrator: Judy Johnson

Willowbrook Home Health Care Agency, Inc.
106 Hwy. 70E
Suite 5
Dickson, TN 37055
(615) 441-3630
Administrator: June Baldini

Robertson County

Careall
301 Highway 76,
White House, TN 37188
(615) 672-0386
Administrator: Ann Pedigo

Home Care Solutions, Inc.
2823 Highway 31W South
White House, TN 37188
(615) 672-4266
Administrator: Nancy Kepler
**NHC Homecare**
2100 Park Plaza Dr.
Springfield, TN 37172-0757
(615) 384-0687
Administrator: Angela Hudson

**Lifeline Home Health Care of Springfield**
3251 Tom Austin Highway
Springfield, TN 37172
(615) 382-3830
Administrator: Rita Powers

**Willowbrook Home Health Care Agency, Inc.**
3239 Tom Austin Highway
Springfield, TN 37172
(615) 382-2044
Administrator: June Baldini

**Rutherford County**

**Amedysis Home Health**
1809 Ward Dr.
Murfreesboro, TN 37129-0502
(615) 396-4640
Administrator: Cami Oravetz

**Amedysis Home Health Care**
745 S. Church St., Ste. 503
Murfreesboro, TN 37130-4980
(615) 890-6455
Administrator: Kristy Van Buren

**Caresouth HHA Holdings of Winchester**
1639 Medical Center Pkwy., Ste. 203
Murfreesboro, TN 37129
(800) 241-3363
Administrator: Steven Yeatts

**Donelson Home Health**
695 President Place, Ste. 200
Smyrna, TN 37167
(615) 220-6183
Administrator: Kathy Warmath

**Home Care Solutions, Inc.**
1461 Battleground Dr.
Suite 13
Murfreesboro, TN 37129
(615) 893-8339
Administrator: Nancy Kepler

**Home Health Care of Middle Tennessee, LLC**
702 East Clark
Murfreesboro, TN 37130
(615) 867-4007
Administrator: Amy Comer

**Housecall Home Healthcare**
475 S. Church St.
Suite B
Murfreesboro, TN 37129
(931) 685-4650
Administrator: Christy Van Buren

**Intrepid USA Healthcare Services**
222 Heritage Pk.
Suite 102
Murfreesboro, TN 37130
(901) 454-2853
Administrator: Shannon Maness

**MTMC at Home**
726 South Church St.
Murfreesboro, TN 37130
(615) 893-0214
Administrator: Pamela F. Rudd

**NHC Homecare**
1923 Memorial Blvd.
Suite A
Murfreesboro, TN 37129
(615) 896-2300
Administrator: Pam Barnes

**Willowbrook Home Health Care Agency, Inc.**
232 Heritage Park Dr.
Murfreesboro, TN 37129
(615) 848-0254
Administrator: Barbara Krivetila

**Sumner County**

**A-certive Medical**
75 New Shackle Island Rd., Ste. 4
Hendersonville, TN 37075
(615) 822-6463
Administrator: Sally Bovee

**Amedisys Home Care**
121 Village Dr.
Suite 201
Portland, TN 37148-1428
(615) 313-7400
Administrator: Jacquelyn Rockey
Careall
1212 New Hwy 52E
Suite 3
Westmoreland, TN 37186
(615) 644-4972
Administrator: Jo Ann Pedigo

Complete Home Health Care
75 New Shackle Island Rd.
Suite 4
Hendersonville, TN 37075
(615) 822-6463
Administrator: Madison Warren

Quality Care Home Health Agency
438 N. Water St.
Gallatin, TN 37066
(615) 452-2322
Administrator: Dixie Taylor

Sumner Homecare and Hospice
510 East Main Street
Sumner Regional Medical Center
Gallatin, TN 37066
(615) 451-5515
(615) 230-6889
Administrator: Connie Hofmann

Willowbrook Home Health Care Agency, Inc.
125-A Haven St.
Hendersonville, TN 37075
(615) 824-4931
Administrator: June Baldini

Trousdale County
Sumner Homecare and Hospice
215 Broadway
Hartsville, TN 37074
(615) 374-4024
Administrator: Connie Hofmann

Williamson County
Guardian Home Care of Nashville, LLC
800 Crescent Centre Dr.
Suite 550
Franklin, TN 37067
(615) 771-2080
Administrator: Linda Fisher

Home Health Care Services, LLC
900 Heritage Way
Brentwood, TN 37027
(615) 507-2686
Administrator: Mami L. Groves

Integrity Healthcare Services of Tennessee
Brentwood Business Center I
500 Wilson Circle, Suite 115
Brentwood, TN 37027
(615) 726-0776
Administrator: Grace Chambliss

NHC Homecare
Billingsley Court, Ste. 6
Franklin, TN 37067
(866) 506-5356
Administrator: Pam Barnes

Suncrest Home Health
1896 General George Patton Dr., Ste. 100
Franklin, TN 37067
Administrator: Chris Jones

Willowbrook Home Health Care Agency, Inc.
1335 W. Main Street
Franklin, TN 37064
(615) 790-3707
Administrator: June Baldini

Wilson County
Careall
1424 W Baddour Pkwy.
Suite G
Lebanon, TN 37087-2514
(615) 443-0882
Administrator: Jo Ann Pedigo

Donelson Home Health
500 Park Ave.
Lebanon, TN 37087
(615) 735-2226
Administrator: Kathy Warmath

Elk Valley Home Health
1535 North Mt. Juliet Rd.
Mt. Juliet, TN 37122
(615) 758-0491
Administrator: Melody West

Home Care Solutions, Inc.
110 Bobb Dr.
Lebanon, TN 37087
(615) 444-4418
Administrator: Nancy Kepler
NHC Homecare
337 W. Baddour Pkwy.
Lebanon, TN 37087
(615) 443-2283
Administrator: Pam Barnes

Quality Care Home Health Agency
121 Public Square
Lebanon, TN 37087
(615) 543-1029
Administrator: Martha Stone
Hospital Management Systems (see Acute Care for hospitals)

Organizations providing hospital management services may offer a variety of specific services that support the ongoing operations of a hospital. These services may include, but not be limited to, patient registration, appointment scheduling, billing, and accounting and resource management. A variety of health care professionals may be employed by hospital management systems.

Certified Nursing Assistant  Athletic Trainer  Nuclear Medicine Technologist
Licensed Practical Nurse  Recreational Therapist  Diagnostic Medical Sonographer
Registered Nurse  Speech Language Pathologist  Medical Technologist, Medical
Clinical Nurse Specialist  Speech Language Pathology Aide and Laboratory Technician, Phlebotomist
Nurse Practitioner  Speech Language Pathology Audiologist  Dental Hygienist
Certified Nurse Midwife  Dietary and Dietetic Technician  Dental Assistant
Certified Registered Nurse Anesthetist  Medical Assistant  Dental Laboratory Technician
Physical Therapist  Surgical Technologist  Health Information Administrator
Physical Therapist Assistant  Emergency Medical Technician—  Health Information Technician
Occupational Therapist  Basic, Intermediate, Paramedic  Medical Transcriptionist
Occupational Therapist Assistant  Radiation Therapist  Epidemiologist

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www.amerishealth.com
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Franklin, TN 37067

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www.brimhealthcare.com
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f: (615) 370-2859
105 Westwood Place  
Suite 300  
Brentwood, TN 37027

Community Health Systems, Inc.  
www.chs.net
Wayne T. Smith  
Chairman, President and CEO
p: (615) 465-7000  
f: (615) 371-1068
4000 Meridian Blvd.  
Franklin, TN 37067

Essent Healthcare  
www.essenthealthcare.com
W. Hudson Connery, Jr.  
President and CEO
p: (615) 312-5100  
f: (615) 312-5101
3100 West End Avenue  
Suite 900  
Nashville, TN 37203
HCA Inc.
www.hcahealthcare.com
Jack O. Bovender, Jr.
Chairman and CEO
p: (615) 344-9551
f: (615) 344-2015
One Park Plaza
Nashville, TN 37203

HCA International
www.hcaintl.com
Ronald C. Marston
CEO
p: (615) 255-7187
f: (615) 255-7093
103 Powell Court
Suite 100
Brentwood, TN 37027

HCA Inc.
www.hcahealthcare.com
Jack O. Bovender, Jr.
Chairman and CEO
p: (615) 344-9551
f: (615) 344-2015
One Park Plaza
Nashville, TN 37203

HCA International
www.hcaintl.com
Ronald C. Marston
CEO
p: (615) 255-7187
f: (615) 255-7093
103 Powell Court
Suite 100
Brentwood, TN 37027

Healthcare Management Directions, Inc.
www.themsparthospital.com
Terry G. Bryant
President and CEO
p: (615) 312-4000
f: (615) 312-4666
278 Franklin Rd.
Suite 101
Brentwood, TN 37027

IASIS Healthcare Corp.
www.iasishealthcare.com
David R. White
Chairman and CEO
p: (615) 844-2747
f: (615) 846-3006
113 Seaboard Lane
Bldg. E
Franklin, TN 37067

LifePoint Hospitals, Inc.
www.lifepointhospitals.com
William F. Carpenter III
President and CEO
p: (615) 372-8500
f: (615) 372-8572
103 Powell Court
Suite 200
Brentwood, TN 37027

Saint Thomas Health Services
www.sths.com
Jim Houser
President and CEO
p: (615) 284-7847
f: (615) 284-7401
618 Church Street
Suite 520
Nashville, TN 37219

Tennessee Valley Health Care System
www.tennesseevally.va.gov/
David N. Pennington
Director
p: (800) 827-1000
f: (615) 321-6350
Nashville Regional Office
110 9th Ave. S.
Nashville, TN 37203

TriStar Health System
www.TriStarHealth.com
Larry Kloess
President
p: (615) 886-4900
f: (615) 886-4949
110 Winners Circle
Floor 1
Brentwood, TN 37027

Vanguard Health Systems, Inc.
www.vanguardhealth.com
Charles N. Martin, Jr.
Chairman and CEO
p: (615) 665-6000
f: (615) 665-6099
20 Burton Hills Boulevard
Suite 100
Nashville, TN 37215
LONG-TERM CARE  (see also Home Health Care and Nursing Homes)

Long-term care organizations provide care for individuals living with chronic diseases or disabilities and include a wide range of health and social services provided under the supervision of medical professionals. Many health care professionals may be employed by long-term care organizations.

Certified Nursing Assistant  Nurse Practitioner  Occupational Therapist
Licensed Practical Nurse  Certified Registered Nurse Anesthetist  Occupational Therapist Assistant
Registered Nurse  Physical Therapist  Dietitian and Dietetic Technician
Clinical Nurse Specialist  Physical Therapist Assistant  Medical Assistant

Advocat Inc.  
www.irinfo.com/avc
William R. Council III  
President and CEO
p: (615) 771-7575
f: (615) 771-7409
1621 Galleria Blvd.
Brentwood, TN 37027

Bordeaux Long-Term Care  
www.nashville.gov/bordeaux
Mary E. Bennet  
COO
p: (615) 862-7005
1414 County Hospital Road
Nashville, TN 37218

Health Care Management Services
Pullie Jones  
CEO
(615) 890-7814
(615) 896-2092
1819 New Lascassas Highway
Murfreesboro, TN 37130

National HealthCare Corporation  
www.nhccare.com
Robert G. Adams  
President
p: (615) 890-2020
f: (615) 890-0123
100 East Vine Street
Murfreesboro, TN 37130

Vanguard Healthcare, LLC
William D. Orand  
President
p: (615) 250-7100
f: (615) 250-7101
Six Cadillac Drive
Suite 310
Brentwood, TN 37027
MANAGED CARE

Managed care organizations work to ensure quality, cost-effective health care through monitoring cost of services and recommending uses of services. Managed care organizations may employ several types of health care professionals.

<table>
<thead>
<tr>
<th>Registered Nurse</th>
<th>Nurse Practitioner</th>
<th>Health Information Administrator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aetna U.S. Healthcare</td>
<td>HealthSpring Management, Inc.</td>
<td>G and M Group</td>
</tr>
<tr>
<td>Bob Wolfkiel</td>
<td>Herbert A. Fritch</td>
<td>Rose Grindstaff</td>
</tr>
<tr>
<td>General Manager</td>
<td>President and CEO</td>
<td>Contact</td>
</tr>
<tr>
<td>p: (615) 322-1600</td>
<td>p: (615) 291-7010</td>
<td>p: (615) 665-1888</td>
</tr>
<tr>
<td>f: (615) 322-1213</td>
<td>f: (615) 291-7545</td>
<td>f: (615) 665-0035</td>
</tr>
<tr>
<td>1801 West End Avenue</td>
<td>44 Vantage Way</td>
<td>20 Burton Hills Boulevard</td>
</tr>
<tr>
<td>Suite 500</td>
<td>Suite 300</td>
<td>Suite 300</td>
</tr>
<tr>
<td>Nashville, TN 37203-2518</td>
<td>Nashville, TN 37228</td>
<td>Brentwood, TN 37027</td>
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<tr>
<td>BlueCross BlueShield of Tennessee</td>
<td>Partners Healthcare Group, LLC</td>
<td>Private Healthcare Systems</td>
</tr>
<tr>
<td>Vicky Gregg</td>
<td>Thomas F. Cox</td>
<td>Kim Gatewood</td>
</tr>
<tr>
<td>President and CEO</td>
<td>President</td>
<td>Network Development Specialist</td>
</tr>
<tr>
<td>p: (423) 755-5693</td>
<td>p: (615) 778-4000</td>
<td>p: (615) 665-1888</td>
</tr>
<tr>
<td>f: (423) 755-5100</td>
<td>f: (615) 778-0801</td>
<td>f: (615) 665-0035</td>
</tr>
<tr>
<td>801 Pine Street</td>
<td>720 Cool Springs Boulevard</td>
<td>20 Burton Hills Boulevard</td>
</tr>
<tr>
<td>Floor 9</td>
<td>Suite 300</td>
<td>Suite 300</td>
</tr>
<tr>
<td>Chattanooga, TN 37402-2555</td>
<td>Franklin, TN 37067</td>
<td>Brentwood, TN 37027</td>
</tr>
<tr>
<td>(Headquarters Address)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Stones River Regional IPA
Stonesriveripa.com
Warren McPherson
Chairman
(615) 396-4866
(615) 396-4869
503 East Bell Street
Suite 308
Murfreesboro, TN 37130

Tennessee Healthcare, LLC
www.tennesseecare.com
Thomas J. McElroy
President
p: (615) 301-4500
f: (615) 301-4501
1620 Westgate Circle
Suite 225
Brentwood, TN 37027

UnitedHealth Group
www.unitedhealthgroup.com
Jack A. Wickens
President, South Division
p: (615) 372-3600
f: (615) 372-3590
10 Cadillac Drive
Suite 200
Brentwood, TN 37027

UnitedHealthcare of Tennessee, Inc.
www.unitedhealthcare.com
C. Brian Shipp
CEO
p: (615) 372-3622
f: (615) 372-3635
10 Cadillac Drive
Suite 200
Brentwood, TN 37027

Windsor Health Group, Inc.
www.windsorhealthgroup.com
Philip Hertik
Chairman and CEO
p: (615) 782-7910
f: (615) 782-7812
7100 Commerce Way
Suite 285
Brentwood, TN 37027
MEDICAL PRODUCTS/DEVICES

Organizations that provide or manufacture medical products and devices provide a variety of products to the healthcare industry. These organizations may employ a variety of health care professionals depending upon the nature of the business and of the products offered.

Certified Nursing Assistant  
Licensed Practical Nurse  
Registered Nurse  
Clinical Nurse Specialist  
Nurse Practitioner  
Certified Nurse Midwife  
Certified Registered Nurse Anesthetist  
Physical Therapist  
Physical Therapist Assistant  
Occupational Therapist  
Occupational Therapist Assistant  
Athletic Trainer  
Recreational Therapist  
Speech Language Pathologist  
Speech Language Pathology Aide and Assistant  
Speech Language Pathology Audiologist  
Recreational Therapist  
Respiratory Therapist and Respiratory Therapist Assistant  
Dietitian and Dietetic Technician  
Medical Assistant  
Surgical Technologist  
Emergency Medical Technician—Basic, Intermediate, Paramedic  
Radiation Therapist  
Diagnostic Radiologic Technologist  
Nuclear Medicine Technologist  
Diagnostic Medical Sonographer  
Medical Technologist, Medical Laboratory Technician, Phlebotomist  
Dental Hygienist  
Dental Assistant  
Dental Laboratory Technician  
Health Information Administrator  
Health Information Technician  
Medical Transcriptionist

Accurate Healthcare Inc.  
Carey Bringle  
CEO  
p: (615) 352-8660  
f: (615) 352-1357  
5925 Neighborly Avenue  
Nashville, TN 37209

Affinity Rehab and Medical Supply, LLC  
Chris Moran  
Administrator  
(615) 360-8230  
1515 Elm Hill Pike, Ste. 303  
Nashville, TN 37210

Air Affiliates, Inc.  
Bradley K. Sensing  
Administrator  
(615) 356-7421  
3745 Old Hickory Blvd.  
Nashville, TN 37209

AirRX, LLC  
Jeff Bambling  
Administrator  
(615) 497-0852  
4731 Trousdale Dr., Ste. 9  
Nashville, TN 37220

Alfred Williams and Co.  
www.est1867.com  
Sloane Searle-Platt  
Director, Sales and Marketing  
p: (615) 244-0081  
f: (615) 259-8181  
210 12th Avenue South  
Suite 205  
Nashville, TN 37203

American Home Patient, Inc.  
Cheri Phillips  
Administrator  
(615) 221-8175  
5200 Maryland Way, Ste. 400  
Brentwood, TN 37027

AmMed Direct, LLC  
www.ammeddirect.net  
Tom Milam  
Manager  
p: (800) 435-1458  
f: (615) 773-3379  
5720 Crossings Blvd.  
Nashville, TN 37013

Apollo Medical, LLC  
Michael McConnell  
Administrator  
(615) 292-5077  
4219 Hillsboro Rd., Ste. 338  
Nashville, TN 37215
Aqua Bath Company, Inc.  
www.aquabath.com  
Robert U. Peck  
President and CEO  
p: (615) 227-0017  
f: (615) 227-9446  
921 Cherokee Avenue  
Nashville, TN 37207

Automated Pharmacy Integration, LLC  
www.aceconveyors.com  
Dick Pruett  
President and CEO  
p: (615) 799-4001  
f: (615) 799-8993  
7103 Juniper Road  
Fairview, TN 37062

Bard Inc. (Medical Division)  
www.bardmedical.com  
Kim Guy  
Territory Manager  
p: (800) 526-4455  
f: (615) 783-0690  
243 Westchase Drive  
Nashville, TN 37205

C-Pap Supply of America, LLC  
David A. Dingess  
Administrator  
(615) 425-0371  
28 White Bridge Rd., Ste. 110  
Nashville, TN 37205

C. Philipp Mobility Free Equipment, INC.  
Consuelo Philipp  
Owner  
(615) 399-9951  
2131 Murfreesboro Pike, Ste. 108  
Nashville, TN 37217

Care Solutions, Inc.  
Vickie Jones  
Administrator  
(615) 329-2288  
345 24th Ave. N., #102  
Nashville, TN 37203

Diabetes Corporation of America  
Hoy Allen  
Administrator  
(615) 832-7232  
4701 Trousdale Dr., Ste. 205  
Nashville, TN 37220

Dialysis Dimensions Inc.  
www.dialysisdimensionsinc.com  
Michael J. Peterson  
Chairman and President  
p: (615) 292-7336  
f: (615) 292-7375  
2003 Blair Boulevard  
Nashville, TN 37212

Ed-Medical, Inc.  
www.edmed.net  
A. Blakley  
HR Representative  
(615) 822-8888  
(615) 822-8280  
106 Freehill Rd  
Hendersonville TN 37075

G.A.P. HOME MEDICAL, LLC  
Greg Phillips  
Administrator  
(615) 893-3339  
720B S. Church St.  
Murfreesboro, TN 37130

GE Medical Systems  
www.gemedicalsystems.com  
Andrew Boechler  
Corporate Director  
p: (615) 221-1778  
f: (615) 221-1805  
5301 Virginia Way  
Suite 230  
Brentwood, TN 37027

Global Medical Supplies, Inc.  
Henshaw D. Mbosowo  
Administrator  
(615) 367-9282  
2131 Murfreesboro Rd., Ste. L-7  
Nashville, TN 37214
Hanger Prosthetics and Orthotics
www.hanger.com
Georgia Harrison
Office Administrator
(615) 896-1485
(615) 896-1114
222 Heritage Park Drive, Suite 101
Murfreesboro, TN 37129

HearingPlanet, Inc.
www.hearingplanet.com
L. Douglas Hudson
Founder and CEO
p: (615) 248-5910
f: (615) 248-5903
100 Westwood Place
Suite 300
Brentwood, TN 37027

Holland Medical Equipment, Inc.
Joel Holland
Owner
(615) 650-8000
947 Woodland St.
Nashville, TN 37206

Innovative Respiratory and Medical Supply
Alan D. Smith
Administrator
(615) 662-9941
7620 Hwy. 70 South, Ste. 218
Nashville, TN 37221

Johnson and Johnson Health Care Systems, Inc.
www.jjhcs.com
Randal C. Bury
Director, Customer Logistics Strategy
p: (615) 661-0765
f: (615) 661-7790
560 Brixham Park Drive
Franklin, TN 37069

Life@Home
www.lifehome.com
Ella Chadwell
V.P., Marketing
p: (615) 831-5411
f: (615) 831-5435
3630-F Trousdale Dr.
Nashville, TN 37204

Lifecare Home Medical Equipment
Craig D. Cooper
Administrator
(615) 865-2188
505 Myatt Dr.
Madison, TN 37115

Lifeguard Medical Solutions, LLC
www.lifeguardmed.com
Harvard Reynolds
Founder and Principal
p: (615) 256-1818
f: (615) 256-6884
821 Fesslers Parkway
Nashville, TN 37210

Manor Healthcare Supply
Shelly Cole
Contact
(615) 773-1596
(615) 754-2582
45 West Caldwell Street
Mt. Juliet, TN 37122

Manor Pharmacy and Medical Care
George E. Hooten
President and CEO
(615) 883-5522
(615) 885-0402
4343 Lebanon Road, Suite 100
Hermitage, TN 37076

Medi-Quip Optioncare
Mike Sinkey
General Manager
(615) 599-7601
419 Alexander Plaza
Franklin, TN 37064

Medical Mobility, Inc.
Mack A. Sawyer
Administrator
(615) 851-1400
316 Bluebird Dr.
Goodlettsville, TN 37072

Medline Industries, Inc.
www.medline.com
Jeffrey Fair
Director, Contract Management
p: (615) 373-2142
f: (615) 373-2486
105 Continental Drive
Brentwood, TN 37027
<table>
<thead>
<tr>
<th>Company</th>
<th>Website</th>
<th>Contact Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Senior Health Group, Inc. (MedicareMD)</td>
<td><a href="http://www.MedicareMD.com">www.MedicareMD.com</a></td>
<td>Bill Kimberlin&lt;br&gt;President and CEO&lt;br&gt;p: (800) 844-1146&lt;br&gt;f: (615) 661-9949&lt;br&gt;750 Old Hickory Blvd. Bldg. 2, Suite 150&lt;br&gt;Brentwood, TN 37027</td>
</tr>
<tr>
<td>Stinger Medical</td>
<td><a href="http://www.stingerindustries.com">www.stingerindustries.com</a></td>
<td>Gary Coonan&lt;br&gt;President and CEO&lt;br&gt;p: (615) 896-1652&lt;br&gt;f: (615) 896-8906&lt;br&gt;1152 Park Ave.&lt;br&gt;Murfreesboro, TN 37129</td>
</tr>
<tr>
<td>Techno-Aide</td>
<td><a href="http://www.techno-aide.com">www.techno-aide.com</a></td>
<td>David McCall&lt;br&gt;VP Sales and Marketing&lt;br&gt;p: (615) 350-7030&lt;br&gt;f: (615) 350-7879&lt;br&gt;7117 Centennial Boulevard&lt;br&gt;Nashville, TN 37209</td>
</tr>
<tr>
<td>TLC Medical Oxygen and Hospital Equipment</td>
<td><a href="http://www.tlcmedicalonline.com">www.tlcmedicalonline.com</a></td>
<td>Monty Lankford&lt;br&gt;CEO&lt;br&gt;(615) 790-1556&lt;br&gt;(615) 790-6841&lt;br&gt;357 Riverside Dr.&lt;br&gt;Ste. 120&lt;br&gt;Franklin, TN 37064</td>
</tr>
<tr>
<td>Wellness Environments, LLC</td>
<td><a href="http://www.wellnessllc.com">www.wellnessllc.com</a></td>
<td>H. Bart Franey&lt;br&gt;President and CEO&lt;br&gt;p: (615) 321-5052&lt;br&gt;f: (615) 321-5251&lt;br&gt;One Vantage Way&lt;br&gt;Suite B-440&lt;br&gt;Nashville, TN 37228</td>
</tr>
<tr>
<td>Williams Medical Supply, Inc.</td>
<td><a href="http://www.williamsmedicalsupply.com">www.williamsmedicalsupply.com</a></td>
<td>Roy Williams&lt;br&gt;Owner&lt;br&gt;p: (615) 327-4931&lt;br&gt;f: (615) 321-5287&lt;br&gt;1501 Church Street&lt;br&gt;Nashville, TN 37203-3004</td>
</tr>
<tr>
<td>UroTech</td>
<td><a href="http://www.urotech.net">www.urotech.net</a></td>
<td>Stryker Warren, Jr.&lt;br&gt;President and CEO&lt;br&gt;p: (615) 261-6700&lt;br&gt;f: (615) 261-6050&lt;br&gt;720 Cool Springs Blvd.&lt;br&gt;Suite 500&lt;br&gt;Franklin, TN 37067</td>
</tr>
</tbody>
</table>
Nursing Homes

Nursing homes provide care to persons who are not able to remain home alone due to physical health problems, mental health problems, or functional disabilities. Nursing homes provide employment opportunities for a wide range of health care professionals.

Certified Nursing Assistant
Licensed Practical Nurse
Registered Nurse
Clinical Nurse Specialist
Nurse Practitioner
Certified Registered Nurse Anesthetist

Physical Therapist
Physical Therapist Assistant
Occupational Therapist
Occupational Therapist Assistant
Recreational Therapist

Respiratory Therapist and Respiratory Therapist Assistant
Dietitian and Dietetic Technician
Medical Assistant
Health Information Administrator
Health Information Technician

**Davidson County**

**Belcourt Terrace Nursing Home**
1710 Belcourt Ave.
Nashville, TN 37212
(615) 383-3570
Administrator: Brian Vermillion

**Bethany Health Care Center**
421 Ocala Dr.
Nashville, TN 37211
(615) 834-4214
Administrator: Dwight David Osteen

**Bordeaux Long Term Care**
1414 County Hospital Rd.
Nashville, TN 37218
(615) 862-7005
Administrator: May Bennett

**Briley Nursing and Rehab Center**
3425 Knight Dr.
Whites Creek, TN 37189
(615) 876-2754
Administrator: Joyn Pugh

**Cornelia House, The**
701 Porter Rd.
Nashville, TN 37206
(615) 226-3264
Administrator: Lorie Britton

**Crestview Nursing Home**
2030 25th Ave. North
Nashville, TN 37208
(615) 256-4697
Administrator: Lawrence Sherwood, Interim

**Cumberland Manor Nursing Home**
4343 Ashland City Hwy.
Nashville, TN 37218
(615) 726-0492
Administrator: Charlie Anderson

**Good Samaritan Health and Rehab Center**
500 Hickory Hollow Terrace
Antioch, TN 37013
(615) 731-7130
Administrator: Duane Farnham

**Greenhills Health and Rehab Center**
3939 Hillsboro Circle
Nashville, TN 37215-2708
(615) 297-2100
Administrator: Carol Wilburn, Interim

**Health Center at Richland Place, The**
504 Elmington Ave.
Nashville, TN 37205-2508
(615) 292-4900
Administrator: Timothy J. Shelly

**HQM of Nashville**
2733 McCampbell Ave.
Nashville, TN 37214-2913
(615) 885-0483
Administrator: Mark Miller

**Imperial Manor Convalescent Center**
306 W. Due West Ave.
Madison, TN 37115
(615) 865-5001
Administrator: Bonnie S. Crews

**Jackson Park Christian Home, Inc.**
4107 Gallatin Rd.
Nashville, TN 37216
(615) 228-0356
Administrator: Patricia Gammel

**Lakeshore Wedgewood**
832 Wedgewood Ave.
Nashville, TN 37203
(615) 383-4006
Administrator: Philip Henry
**Lakeshore Heartland**
3025 Fernbrook Lane
Nashville, TN 37214-1601
(615) 885-2320
Administrator: Debbie Hankins

**Woodcrest at Blakeford**
11 Burton Hills Blvd.
Nashville, TN 37215
(615) 665-2524
Administrator: Lois Johnstone

**Madison Healthcare and Rehabilitation Center**
431 Larkin Springs Rd.
Madison, TN 37115
(615) 865-8520
Administrator: Melissa Hansen

**Cheatham County**
**Christian Care Center of Cheatham County, Inc.**
2501 River Road
Ashland City, TN 37015
(615) 792-4948
Administrator: Suzanne Hendrickson

**McKendree Village, Inc.**
4347 Lebanon Rd.
Hermitage, TN 37076
(615) 889-6990
Administrator: Bonnie Gluth

**Hillcrest HealthCare Center**
111 E. Pemberton St.
Ashland City, TN 37015
(615) 792-9154
Administrator: Judy French

**Meadows, The**
8044 Coley Davis Rd.
Nashville, TN 37221
(615) 662-3333
Administrator: Elizabeth Oldham Lewis

**Dickson County**
**Dickson Healthcare Center**
901 North Charlotte St.
Dickson, TN 37055
(615) 446-5171
Administrator: Beverly Wall

**River Park Health Care Center**
1306 Katie Ave.
Nashville, TN 37207
(615) 228-3494
Administrator: Jewell Granberry

**NHC HealthCare, Dickson**
812 North Charlotte St.
Dickson, TN 37055
(615) 446-8046
Administrator: Steven Yokley

**Trevecca Health Care Center**
329 Murfreesboro Rd.
Nashville, TN 37210
(615) 244-6900
Administrator: Emily Whitcomb

**Robertson County**
**Christian Care Center of Springfield, LLC**
704 5th Ave. East
Springfield, TN 37172
(615) 384-7977
Administrator: Lucy Townscend

**Vanco Manor Nursing Center**
813 South Dickerson Rd.
Goodlettsville, TN 37072-1707
(615) 859-6600
Administrator: Soheila Kheshti

**Golden Living Center–Springfield**
104 Watson Rd.
Springfield, TN 37172-4528
(615) 384-9565
Administrator: Simon Yazbeck

**West End Health Care Center**
2818 Vanderbilt Place
Nashville, TN 37212
(615) 327-4208
Administrator: Howard Randell Cornwell

**NHC HealthCare, Springfield**
608 8th Ave. East
Springfield, TN 37172
(615) 384-8453
Administrator: Roger Chris Heeren

**West Meade Place**
1000 St. Luke Dr.
Nashville, TN 37205
(615) 352-3430
Administrator: James L. Wright
Ridgetop Haven Health Care Center
2002 Greer Rd.
P.O. Box 138
Ridgetop, TN 37152-0138
(615) 859-5895
Administrator: Betty Mullins

Tennessee Veterans Home
345 Compton Road
Murfreesboro, TN 37129
(615) 895-8850
Administrator: Sam W. Sullivan

Rutherford County

Adams Place
www.adamsplace.org/healthcare.htm
1927 Memorial Blvd.
Murfreesboro, TN 37129
(615) 904-9111
Administrator: Buckley Winfree

Boulevard Terrace Nursing Home
1530 Middle Tennessee Blvd.
Murfreesboro, TN 37130
(615) 896-4505
Administrator: Amanda H. Pullias

Community Care of Rutherford County, Inc.
901 East County Farm Rd.
Murfreesboro, TN 37127
(615) 893-2624
Administrator: Charles King

Mayfield Rehabilitation Center
200 Mayfield Dr.
Smyrna, TN 37167-3019
(615) 355-0350
Administrator: Elizabeth Ann Carroll

NHC HealthCare, Murfreesboro
420 N. University St.
Murfreesboro, TN 37130
(615) 893-2602
Administrator: Lynn B. Foster

Northside Health Care Center
202 East MTCS Rd.
Murfreesboro, TN 37130-0501
(615) 849-8748
Administrator: Robert Venable

Peachtree Center Nursing and Rehabilitation
202 Enon Springs Rd. East
Smyrna, TN 37167
(615) 459-5600
Administrator: Russell O. Caughron

Sumner County

Gallatin Health Care Center, LLC
438 N. Water Ave.
Gallatin, TN 37066
(615) 452-2322
Administrator: Sonya Kemp

Golden Living Center–Brandywood
555 E. Bledsoe St.
Gallatin, TN 37066
(615) 452-7132
Administrator: Deborah Beasley

Hendersonville Nursing Home
672 W. Main St.
Hendersonville, TN 37075
(615) 824-8301
Administrator: Mary Alice Stevenson

Highland Manor Nursing Home and Rehab Center
215 Highland Circle Dr.
Portland, TN 37148
(615) 325-9263
Administrator: Janet Pulley

NHC HealthCare, Hendersonville
370 Old Shackle Island Rd.
Hendersonville, TN 37075
(615) 824-0720
Administrator: Todd Moore

Westmoreland Care and Rehabilitation Center
1559 New Highway 52
Westmoreland, TN 37186
(615) 644-5111
Administrator: Dennis Burtnett

Trousdale County

Hartsville Convalescent Center
649 McMurry Blvd.
Hartsville, TN 37074
(615) 374-2167
Administrator: Ann Dies
Williamson County

Claiborne and Hughes Health Center
200 STRAHL St.
Franklin, TN 37064
(615) 791-1103
Administrator: Millicent Morley

Harpeth Terrace Convalescent Center
1287 W. Main St.
Franklin, TN 37064
(615) 794-8417
Administrator: John W. Jones, Interim

NHC HealthCare, Franklin
216 Fairground St.
Franklin, TN 37064
(615) 790-0154
Administrator: Kathryn Goss

NHC Place at Cool Springs
211 Cool Springs Blvd.
Franklin, TN 37069
(615) 778-6800
Administrator: Jerry Winton

Sommerfield at the Heritage
900 Heritage Wayy
Brentwood, TN 37027
(615) 564-4680
Administrator: Sandra Griffin-Bukoskey

Wilson County

Lebanon Health and Rehab Center
731 Castle Heights Court
Lebanon, TN 37087-2646
(615) 444-4319
Administrator: Tyler Masden

Mitchell Manor
152 S. College St.
Lebanon, TN 37087
(615) 444-2882
Administrator: Susan Thomas

Mt. Juliet Health Care Center
2650 N. Mt. Juliet Rd.
Mount Juliet, TN 37122-3007
(615) 758-4100
Administrator: Ron Knox

Quality Care Health Center
932 Baddour Pkwy.
P.O. Box 2789
Lebanon, TN 37087
(615) 444-1836
Administrator: Dixie Taylor
OCCUPATIONAL HEALTH/
WORKERS’ COMPENSATION/WELLNESS

Occupational health/worker’s compensation and wellness organizations may provide a wide range of services that encompass the general health and wellness of employees, routine physical examinations, and compliance with government regulations (OSHA) that relate to employee safety and treatment of work-related injuries or illnesses. Several types of health care professionals may employed by these organizations.

Certified Nursing Assistant
Licensed Practical Nurse
Registered Nurse
Clinical Nurse Specialist
Nurse Practitioner
Occupational Therapist
Occupational Therapist Assistant
Medical Assistant

Care Management Consultants, Inc.
www.caremgmtonline.com
Kathy Ingleson
President
p: (615) 373-2273
f: (615) 377-3916
P.O. Box 3101
Brentwood, TN 37024

Corporate Services, Inc.
http://sayaaah.com
(615) 327-2520
1916 Patterson St.
Nashville, TN 37203

Gordian Health Solutions, Inc.
www.gordian-health.com
Philip P. Suiter
President and CEO
p: (615) 844-2100
f: (615) 844-2128
113 Seaboard Lane, Suite 200-C
Franklin, TN 37067

LIFESIGNS Holdings, Inc.
www.lifesignsexam.com
Dr. Otis A. Plunk
CEO
p: (615) 371-3000
f: (615) 371-3089
105 Westwood Place
Suite 350
Brentwood, TN 37027

Local Centers

Bichon Urgent Care, PC.
http://bichonurgentcare.com
(615) 230-8887
180 North Belvedere Dr., Ste-20
Gallatin, TN 37066

Center for Corporate Health, The
(615) 446-5979
729 Marshall Stuart Drive
Dickson, TN 37055

Concentra Medical Centers (Central)
www.concentra.com
(615) 321-5698
342 21st Ave. North
Nashville, TN 37203

Concentra Medical Centers (East)
www.concentra.com
(615) 883-6995
2531 Elm Hill Pk.
Nashville, TN 37214

Concentra Medical Centers (Murfreesboro)
www.concentra.com
(615) 895-4855
1203 Memorial Blvd., Ste. A
Murfreesboro, TN 37129

Concentra Medical Centers (Rivergate)
www.concentra.com
(615) 870-0143
1719 Gallatin Rd.
Madison, TN 37115

Concentra Medical Centers (South)
www.concentra.com
(615) 837-4360
4300 Sidco Dr.
Nashville, TN 37204
Employment and Assessment Solutions  
(615) 453-4532  
520-B West Main St.  
Lebanon, TN 37087

Middle TN Occupational and Environmental Medicine  
(615) 443-1744  
936 Murfreesboro Rd  
Lebanon, TN 37087

WorkForce Essentials, Inc.  
www.workforceessentials.com  
(615) 790-3311  
c/o Williamson County Career Center  
225 Noah Dr., Ste. 360  
Franklin, TN 37064
PHARMACEUTICALS

Pharmaceutical organizations are involved in medicinal drugs and their preparation, use, and sale. There are opportunities for health care professionals to work in pharmaceuticals.

<table>
<thead>
<tr>
<th>Registered Nurse</th>
<th>Nurse Practitioner</th>
<th>Health Information Technician</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clinical Nurse Specialist</td>
<td>Health Information Administrator</td>
<td></td>
</tr>
</tbody>
</table>

**AstraZeneca**

www.astrazeneca.com

Dave Giles
p: (800) 295-3935
f: (615) 503-2848
501 Corporate Center Drive
Suite 300
Franklin, TN 37067

**CVS CAREMARK**

www.caremark.com/wps/portal

Edwin M. Crawford
Chairman, President, and CEO
p: (615) 743-6600
f: (615) 743-6599
211 Commerce Street
Suite 800
Nashville, TN 37201
(Headquarters)

**Cumberland Pharmaceuticals Inc.**

www.cumberlandpharma.com

A.J. Kazimi
CEO
p: (615) 255-0068
f: (615) 255-0094
2525 West End Avenue
Suite 950
Nashville, TN 37203

**Del Mar Infusion Pharmacy**

www.delmarpharmacy.com

Shelly Cole
Contact
p: (615) 754-4667
198 East Division St.
Moutn Juliet, TN 37122

**GlaxoSmithKline**

www.gsk.com

Jean-Pierre Garnier
CEO
p: (615) 791-8438
f: (615) 790-7009
516 Cherrywood Point
Franklin, TN 37064

**Merck and Co., Inc.**

www.merck.com

David Lee
National Account Executive
p: (800) 535-0369
f: (770) 643-2975
One Merck Drive
Whitehouse Station, NJ 08889-0100

**Pfizer Inc**

www.pfizer.com

Bruce Pennington
Manager, Managed Care Market
p: (615) 776-3904
f: (615) 776-3918
3 Angel Trace
Brentwood, TN 37027

**Pharmaceutical Credit Corporation**

www.pcccredit.com

Robert H. Wolle, Jr.
President and CEO
p: (615) 373-4262
f: (615) 373-7727
P.O. Box 1684
Brentwood, TN 37027

**Rare Disease Therapeutics, Inc.**

www.raretx.com

Milton H. Ellis
President
p: (615) 399-0700
f: (615) 399-1217
1101 Kermit Drive
Suite 608
Nashville, TN 37217

**VDDI Pharmaceuticals**

www.virtualdrugdevelopment.com

R. Stephen Porter
Chairman, President and CEO
p: (615) 267-3080
f: (615) 467-3083
5200 Maryland Way
Suite 204
Brentwood, TN 37027
There are opportunities for health care professionals to find employment through groups that manage large and small groups of physicians.

Certified Nursing Assistant
Licensed Practical Nurse
Registered Nurse
Clinical Nurse Specialist
Nurse Practitioner
Certified Nurse Midwife
Certified Registered Nurse Anesthetist
Occupational Therapist
Occupational Therapist Assistant
Physical Therapist

Physical Therapist Assistant
Speech Language Pathologist
Speech Language Pathology Aide and Assistant
Speech Language Pathology Audiologist
Recreational Therapist
Respiratory Therapist and Respiratory Therapist Assistant
Dietitian and Dietetic Technician

Medical Assistant
Surgical Technologist
Radiation Therapist
Diagnostic Medical Sonographer
Medical Technologist, Medical Laboratory Technician, Phlebotomist
Health Information Administrator
Health Information Technician
Medical Transcriptionist
Epidemiologist

**Anesthesia Medical Group, PC**
[www.amg-group.com](http://www.amg-group.com)
Dave Whitten  
CEO  
p: (615) 327-7870  
f: (615) 327-5435  
110 29th Avenue North  
Suite 202  
Nashville, TN 37203

**Care ATC**
[www.careatc.com](http://www.careatc.com)
Ernest A. Clevenger  
Principal  
p: (615) 221-5901  
f: (615) 221-5902  
567 Midway Circle  
Brentwood, TN 37027-5178

**Dickson Medical Associates, P.C.**
[www.dicksonmd.com](http://www.dicksonmd.com)
(615) 441-4477  
(615) 446-5121  
113 Hwy. 70 East  
Dickson, TN 37055

**The Heart Group, PLLC**
[www.heartgroup.net](http://www.heartgroup.net)
E. Travis Wood  
CEO  
p: (615) 269-4545  
f: (615) 565-6783  
4230 Harding Road  
Suite 330  
Nashville, TN 37205

**Heritage Medical Associates, PC**
[www.heritagemedical.com](http://www.heritagemedical.com)
Mark Grasela  
CEO  
p: (615) 284-2222  
f: (615) 284-2248  
222 22nd Avenue North  
Suite 100  
Nashville, TN 37203-1870

**OrthoLink Physicians Corporation**
[www.ortholink.net](http://www.ortholink.net)
Mark Tulloch  
President and CEO  
p: (615) 376-7300  
f: (615) 376-7480  
8 Cadillac Dr.  
Suite 200  
Brentwood, TN 37027

**Physicians Pavilion Surgery Center**
[www.pp-sc.com](http://www.pp-sc.com)
(615) 220-3720  
(615) 459-9483  
545 Stonecrest Pkwy.  
Smyrna, TN 37167

**PivotHealth, Inc.**
[www.pivothealth.com](http://www.pivothealth.com)
John Phillips  
President  
p: (615) 373-8745  
f: (615) 373-8746  
5211 Maryland Way  
Suite 2020A  
Brentwood, TN 37027
Radiology Alliance, PC
www.radalliance.com
Bill Sanders
CEO
p: (615) 312-0600
f: (615) 320-3259
210 25th Avenue North
Suite 602
Nashville, TN 37203

Southwind Health Partners, LLC
www.southwindhp.com
John A. Deane
CEO
p: (615) 620-5165
f: (615) 620-5020
210 25th Avenue North
Suite 1112
Nashville, TN 37203

Tennessee Oncology, PLLC
www.tnoncology.com
Charles E. McKay
CEO
p: (615) 329-0570
f: (615) 320-7091
300 20th Avenue North
Suite 301
Nashville, TN 37203
REHABILITATION (See also Acute Care (Hospitals), Ambulatory/Outpatient and Medical Clinics)

Organizations offering rehabilitation services may offer physical therapy, occupational therapy, and recreational therapy. Professionals in these disciplines and other health care specialties may be employed by organizations offering rehabilitation services.

Certified Nursing Assistant
Licensed Practical Nurse
Registered Nurse
Clinical Nurse Specialist

Nurse Practitioner
Certified Registered Nurse Anesthetist
Physical Therapist
Physical Therapist Assistant

Occupational Therapist
Occupational Therapist Assistant
Recreational Therapist
Medical Assistant

HealthSOUTH Diagnostic Center of Nashville
www.healthsouth.com
Jason W. Montgomery
Director, Operations and Diagnostics
p: (615) 327-1500
f: (615) 327-1421
337 22nd Avenue North
Nashville, TN 37203

Middle Tennessee Treatment Center
Jennifer Fairbend
Program Director
p: (615) 321-2575
f: (615) 327-4536
2410 Charlotte Avenue
Nashville, TN 37203

National Rehab Partners, Inc.
www.rehabnrp.com
John Allan Hawes
Chairman and CEO
p: (615) 236-2550
f: (615) 236-2552
341 Cool Springs Blvd.
Suite 450
Franklin, TN 37067

Paragon Rehabilitation, Inc.
www.paragonrehab.com
Lawrence W. Lepley
President
p: (800) 335-1060
f: (615) 627-2041
150 2nd Avenue North
Suite 340
Nashville, TN 37201

Premier Orthopaedics and Sports Medicine, PLC
www.premier-ortho.com
Linda ClenDening
COO
(615) 366-8890
(615) 366-3379
Airport Plaza
1321 Murfreesboro Road, Suite 510
Nashville, TN. 37217

Proactive Rehabilitation and Sports Injury
www.proactiverehab.net
(615) 771-6339
5111 Peter Taylor Park, Suite 300
Brentwood, TN 37023

STAR Physical Therapy
www.starptusa.com
Regg Swanson
President
(866) 800-9147
(615) 591-6601
Corporate Office
P.O. Box 681478
Franklin, TN 37068-1478
Local Centers

American Orthopedics and Sports Medicine, PLC
www.orthodoc.aaos.org/americanorthopedics/
(615) 851-2673
740 Conference Drive, Suite 2
Goodlettsville, TN 37072

Back and Neck Pain Center
www.ms-ns.com/back_neck.html
(615) 217-1560
1139 NW Broad Street
Murfreesboro, TN 37130

Bone and Joint Clinic, P.C.
www.bonenjoint.com
(615) 790-3290
206 Bedford Way
Franklin, TN 37064

Donnelly Sheer Physical Therapy
(615) 849-8550
1020 N. Highland Ave.
Murfreesboro, TN 37130

Dynamic Therapy Center
(615) 443-4445
6650 Eastgate Blvd., Ste.101
Lebanon, TN 37067

Franklin Orthopaedics and Sports Medicine
(615) 771-1116
3310 Aspen Grove Drive #102
Franklin, TN 37067

Health Sphere Wellness Center
(615) 376-7876
5054 Thoroughbred Lane
Brentwood, TN 37027

Healthsouth Sports Medicine and Rehabilitation Center
(615) 377-8070
115 Penn Warren Dr., Ste. 500
Brentwood, TN 37027

Healthsouth Rehabilitation Center of Dickson
(615) 446-7696
Dickson Kroger Plaza
131 Henslee Dr.
Dickson, TN 37055

HealthSouth Sports Medicine Center of Hermitage
(615) 885-4050
5530 Old Hickory Blvd.
Hermitage, TN 37076

Healthsouth Sports Medicine and Rehabilitation Center of Murfreesboro
(615) 890-7610
803 N. Thompson Ln., Ste. A-103
Murfreesboro, TN 37129

Healthsouth Nashville Surgery Center
(615) 329-1888
1717 Patterson St.
Nashville, TN 37203

Healthsouth Rehabilitation Center of North Nashville
(615) 320-7464
209 22nd Ave. North
Nashville, TN 37203

Healthsouth Sports Medicine and Rehabilitation Center
(615) 833-6882
5515 Edmondson Pk., Ste. 114, Bldg. 2
Nashville, TN 37211

Healthsouth Rehabilitation Center of Smyrna
(615) 459-7942
503 C. Enon Springs Rd. East
Smyrna, TN 37167

Healthsouth Rehabilitation Center of Springfield
(615) 384-3836
2009 Memorial Blvd
Springfield, TN 37172

Pain and Spine Consultants
(615) 331-5536
1805 Williamson Court
Brentwood, TN 37027

Physiotherapy Associates
(615) 441-1130
425 Henslee Dr.
Dickson, TN 37055

P.I.M. Physical Therapy
www.pimphysicaltherapy.com
(615) 672-2977
149 Raymond Hirsch Pkwy., Ste. 1
White House, TN 37188
Precision Pain Care
www.precisionpaincare.com
(615) 223-6200
713 B. President Place
Smyrna, TN 37167

Rebound Physical Therapy
(615) 373-8100
209 Ward Circle #103
Brentwood, TN 37027

Results Physiotherapy Center (Brentwood)
(615) 377-8774
Harpeth Medical Center
1195 Old Hickory Blvd., Ste. 100
Brentwood, TN 37027

Results Physiotherapy Center (Cool Springs)
(615) 771-0134
Cool Springs Medical Center
2001 Mallory Ln., Ste. 301
Franklin, TN 37067

Results Physiotherapy Center (Hendersonville)
(615) 507-1552
Hendersonville Plaza
500 West Main St., Ste. 19
Hendersonville, TN 37075

Results Physiotherapy Center (Lebanon)
(615) 443-9036
Lebanon Medical Center
1420 Baddour Pkwy., Ste. 120
Lebanon, TN 37087

Results Physiotherapy Center (Murfreesboro)
(615) 896-6866
503 Highland Terrace, Ste. C
Murfreesboro, TN 37130

Results Physiotherapy Center (Nashville)
(615) 321-3215
Parkview Tower
210 25th Ave. North, Ste .520
Nashville, TN 37203

Results Physiotherapy Center (Southern Hills)
(615) 333-9828
4909 Nolensville Rd.
Nashville, TN 37211

Results Physiotherapy Center (Smyrna)
(615) 220-0086
Physician’s Plaza of Smyrna
741 President Place, Ste. 130
Smyrna, TN 37167

Rivergate Sports Medicine Orthopedic Surgery
www.drlandsberg.com
(615) 264-4785
353 New Shackle Island Road Suite 110-A ·
Hendersonville, TN 37075

Southern Sports Medical Institute
(615) 452-3320
570 Hartsville Pike
Gallatin, TN 37066

Summit Bone and Joint, PLLC
www.summitbonejoint.com
(615) 232-3838
5653 Frist Blvd., Ste. 731
Hermitage, TN 37076

Tennessee Orthopaedic Alliance
www.tnort Alliance.com
(615) 263-6500
3443 Dickerson Pike Ste 480 ·
Nashville, TN 37203

Tennessee Orthopedics
tennesseeorthopedics.com
(615) 449-0990
1616 West Main St.
Lebanon, TN 37087

Tennessee Sports Medicine and Orthopaedics
www.tennessee sportsmed.com
(615) 874-2252
5002 Crossing Cir.
Mt. Juliet, TN 37122
Staffing services and executive recruiting organizations provide employees to a variety of health care organizations. Anyone in any of the health care professions might find employment through an organization that provides employees/staff to establishments in the field of health care (i.e., clinics, hospitals, laboratories, etc.).

Certified Nursing Assistant
Licensed Practical Nurse
Registered Nurse
Clinical Nurse Specialist
Nurse Practitioner
Certified Nurse Midwife
Certified Registered Nurse Anesthetist
Physical Therapist
Physical Therapist Assistant
Occupational Therapist
Occupational Therapist Assistant
Athletic Trainer
Recreational Therapist
Speech Language Pathologist
Speech Language Pathology Aide and Assistant
Speech Language Pathology Audiologist
Dietitian and Dietetic Technician
Medical Assistant
Surgical Technologist
Emergency Medical Technician—Basic, Intermediate, Paramedic
Radiation Therapist
Diagnostic Radiologic Technologist
Nuclear Medicine Technologist
Diagnostic Medical Sonographer
Medical Technologist, Medical Laboratory Technician, Phlebotomist
Dental Hygienist
Dental Assistant
Dental Laboratory Technician
Health Information Administrator
Health Information Technician
Medical Transcriptionist

AccountSource
www.acctgexperts.com
Connie V. Spivey
President
p: (615) 791-6592
f: (615) 595-2278
P.O. Box 3671
Brentwood, TN 37024

Alternative Staffing Concepts, Inc.
Pat Richardson
Administrator
p: (615) 831-0300
f: (615) 831-0488
4015 Travis Drive, Suite 101
Nashville, TN 37211

ATC Healthcare Services
www.atchealthcare.com
Sheila Hale
Manager, Southeast Region
p: (615) 327-2694
f: (615) 329-4124
1808 West End Avenue
Suite 1111
Nashville, TN 37203

Buffkin and Associates, LLC
www.buffkinassociates.com
Craig Buffkin
Managing Partner
p: (615) 771-0098
f: (615) 771-0099
730 Cool Springs Boulevard
Suite 120
Franklin, TN 37067

Century II Staffing
www.centuryii.net
Marc Fortune
Chairman
p: (615) 665-9060
f: (615) 665-1833
278 Franklin Road
Suite 350
Brentwood, TN 37027

Critical Care Unlimited, Inc.
(615) 859-3993
100 N. Main Street · Goodlettsville, TN 37072

Innovative Health Partners
www.innovativehp.com
Lucius W. Carroll II
p: (615) 777-9027
f: (615) 385-1742
2100 West End Avenue
Suite 950
Nashville, TN 37203

Manpower, Inc.
www.us.manpower.com/uscom/
Jay Boone
Area Manager
p: (615) 399-2121
2323 Murfreesboro Road
Nashville, TN 37217
Nursing Resources Solutions, LLC
www.nursingresourcesolutions.com
Darren White
RN Operations Mgr.
p: (615) 327-3480
f: (615) 327-0695
1908-B Church Street
Suite 1
Nashville, TN 37203

Onsite Companies and Aerotek Clinical
www.aerotek.com
www.onsitecompanies.com
Kim Harris
Manager
p: (615) 837-4200
5211 Linbar Drive
Suite 500, Bldg. 5
Nashville, TN 37211

Pacific Rim Nurses, LLC
www.pacificrimnurses.com
Evans M. Clements III
CEO
p: (615) 386-7070
f: (615) 385-7236
2400 Crestmoor Road
Nashville, TN 37215

Questar Partners, Inc.
www.questarstaffing.com
Melissa Wharton
President and CEO
p: (615) 371-8800
f: (615) 371-8804
100 Winners Circle
Suite 160
Brentwood, TN 37027

Randstad North America
www.us.randstad.com
Joanne Pridgen
Senior Medical Specialist
p: (615) 342-9002
f: (615) 327-0107
2317 Elliston Place
Nashville, TN 37203

Southwestern Business Resources, Inc.
www.thinkingahead.com
Carl Roberts
President
p: (800) 443-7977
f: (615) 231-4000
2451 Atrium Way
Nashville, TN 37214

Staffmark
www.staffmark.com
Karen Cox
Account Executive
p: (615) 371-1400
10 Cadillac Drive
Suite 190
Brentwood, TN 37027

Sysgenix Resources
www.sysgenix.com
John Kepley
Director, Consulting Services
p: (615) 846-2200
f: (615) 846-2201
1889 General George Patton Drive
Suite 200
Franklin, TN 37067

Tennessee Medical Exchange
www.tennesseemedicalexchange.com
p: (615) 612-2345
1109 Myatt Drive
Madison, TN 37115

Thompson Recruiting Group, Inc.
www.trgcareers.com
Brett Thompson, CPC
President
p: (615) 665-1050
f: (615) 665-2090
30 Burton Hills Boulevard
Suite 230
Nashville, TN 37215

Towe and Associates, Inc.
www.btandassociates.com
Brad Towe
President
p: (615) 385-2088
f: (615) 385-2052
2416 21st Avenue South
Suite 203
Nashville, TN 37212
Vanderbilt Temporary Service
Lynn Hutson, SPHR
VTS Operations Manager
p: (615) 322-8299
f: (615) 343-9788
2525 West End Avenue
Suite 500
Nashville, TN 37203
PROFESSIONAL ORGANIZATIONS
Please note that there are hundreds of allied health fields and numerous organizations for nursing. This list is not all inclusive. Please visit the companion website to this document at www.healthcarecareermap.org for updates.

**Sponsors of Health Care Career Map**, 322

**Career Tools**, 322

**Professional Organizations – Information and Accreditation**
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- Epidemiology, 328-329
- Nursing, 329-332

**Other Professional Sites and Resources**, 333

**Licensing**, 334
opportunities and health care careers, financial information, and details on federally funded health profession programs and other resources.

“My First Day”
www.myfirstday.org
A site available from the Minnesota Hospital Association, representing the state’s 139 nonprofit hospitals and 19 health systems, created to give high school students a look at health care careers.

National Institutes of Health, Office of Science Education, “Lifeworks”
www.science.education.nih.gov/lifeworks/
Health and medical science career exploration site for students, parents, mentors, teachers, and career counselors.

Tennessee Health Careers
www.tnhealthcareers.com
Information on health care careers and preparation, along with listings of Tennessee hospitals, professional organizations, and more.

Tennessee Career Information Delivery System
tcids.tbr.edu
Sponsored by the Tennessee Department of Education, Division of Career and Technical Education. Provides assessment tools for career training and job planning as well as numerous other resources.

Corresponding state organizations where available can be accessed through the national websites listed in the section that follows.
Professional Organizations
Information and Accreditation

Allied Health

General Allied Health
American School Health Association
www.ashaweb.org

Association of Schools of Allied Health Professions
www.asahp.org/

Commission on Accreditation of Allied Health Education Programs (CAAHEP)
www.caahep.org

Athletic Trainers
National Athletic Trainers’ Association
www.nata.org

National Strength and Conditioning Association
www.nsca-lift.org/

Tennessee Department of Health, Athletic Trainers
http://www2.state.tn.us/health/Boards/AT/index.htm

Dental Hygienists, Assistants, and Laboratory Technicians
American Dental Assistants Association
www.dentalassistant.org/

American Dental Association
www.ada.org

American Dental Hygienists’ Association
www.adha.org

Commission on Dental Accreditation (CODA) of the American Dental Association
www.ada.org/prof/ed/accred/commission/

Crest Web site
www.crest.com

Kodak Web site
www.kodak.com

National Association of Dental Laboratories
www.nadl.org/

National Board for Certification in Dental Laboratory Technology
www.nbccert.org

Oral-B Web site
www.oralb.com

Tennessee Department of Health, Board of Dentistry
http://www2.state.tn.us/health/Boards/Dentistry/index.htm

Diagnostic Medical Sonographers
American Registry of Diagnostic Medical Sonography
www.ardms.org/

American Society of Echocardiography (ASE)
www.asecho.org/

Comprehensive list of sonographer Web sites
www.ardms.org/registrants/links.htm

International Society for Magnetic Resonance in Medicine
www.ismrm.org/

Society of Diagnostic Medical Sonography (SDMS)
www.sdms.org

Society for Vascular Ultrasound (SVU)
www.svunet.org/

Dieticians and Dietetic Technicians
American Dietetic Association
www.eatright.org

American Overseas Dietetics Association
www.dietetics.com/aoda/

American Society for Nutrition
www.nutrition.org/

Commission on Accreditation for Dietetics Education (CADE) of the American Dietetic Association
www.eatright.org/cede

FDA’s Center for Food Safety and Applied Nutrition
www.cfsan.fda.gov/list.html
Society for Nutrition Education  
www.sne.org/

Tennessee Department of Health, 
Board of Dietitians/Nutritionists Examiners  
http://www2.state.tn.us/health/Boards/DN/index.htm

U.S. Department of Agriculture’s 
Center for Nutrition Policy and Promotion  
www.cnpp.usda.gov/

U.S. Food and Drug Administration (FDA)  
www.fda.gov/

**Emergency Medical Technicians**

EMS Village  
www.emsvillage.com/

Journal of Emergency Medical Services  
www.jems.com/

Middle Tennessee Emergency Medical Services Director’s Association  
www.mtemsda.com/

National Association of Emergency Medical Technicians  
www.naemt.org/

National Center for Emergency Medicine Informatics: Emergency Medicine on the Web  
www.ncemi.org/

Tennessee Ambulance Service Association  
http://tennesseeambulance.com/

Tennessee Association of Rescue Squads  
www.tnars.org/

Tennessee Department of Health, Emergency Medical Services Division  
http://www2.state.tn.us/health/ems/

**Health Information Administrators and Technicians**

American Health Information Management Association  
www.ahima.org

American Medical Informatics Association  
www.amia.org

Healthcare Information and Management Systems Society  
www.himss.org

Healthcare IT News  
www.healthcareitnews.com/

National Alliance for Health Information  
www.nahit.org/cms/

Office of the National Coordinator for Health Information Technology (ONC)  
www.hhs.gov/healthit/

Personal Health Record (myPHR)  
www.myphr.com/

**Medical Assistants**

American Association of Medical Assistants (AAMA)  
www.aama-ntl.org/

Tennessee State Society of Medical Assistants  
www.tnsma.org/

**Medical Technologists and Medical Laboratory Technicians**

Advance for Laboratory Professionals  
http://laboratorian.advanceweb.com/

American Medical Technologists  
www.amt1.com/

American Society of Cytopathology  
www.cytopathology.org

American Society for Clinical Laboratory Science  
www.ascls.org/

American Society for Clinical Pathology  
www.ascp.org/

Clinical Laboratory Management Association  
www.clma.org

LabMedicine  
www.labmedicine.com/

Medical Laboratory Observer  
www.mlo-online.com/
National Accrediting Agency for Clinical Laboratory Sciences (NAACLS)
www.naacls.org

National Credentialing Agency for Laboratory Personnel
www.nca-info.org

National Society for Histotechnology (NSH)
www.nsh.org/

Tennessee Department of Health, Medical Laboratory Board
http://www2.state.tn.us/health/Boards/MedLab/index.htm

MEDICAL TRANSCRIPTIONISTS
American Association for Medical Transcription
www.aamt.org/

Medical Transcription Industry Association
www.mtia.com/

MT Daily
www.mtdaily.com/

NUCLEAR MEDICAL TECHNOLOGISTS
American Registry of Radiologic Technologists
www.arrt.org

American Society of Radiologic Technology
www.asr.org

Joint Review Committee on Educational Programs in Nuclear Medicine Technology (JRCNMT)
www.jrcnmt.org

Society for Molecular Imaging
www.molecularimaging.org/

Society of Nuclear Medicine (SNM)
www.snm.org

Tennessee Department of Health, X-ray Operators
http://www2.state.tn.us/health/Boards/XRayOp/index.htm

OCCUPATIONAL THERAPISTS AND ASSISTANTS
Accreditation Council for Occupational Therapy Education (ACOTE)
www.aota.org/nonmembers/area13/links/link13.asp

American Art Therapy Association (AATA)
www.arttherapy.org
Art Therapist

American Occupational Therapy Association (AOTA)
www.aota.org and
www.promoteot.org/

National Certification Board for Therapeutic Massage and Bodywork (NCBTMB)
www.ncbtmb.com

Rehabilitation Engineering and Assistive Technology Society of North America
www.resna.org

StrokEngine: stroke rehabilitation and interventions
www.medicine.mcgill.ca/strokengine/

Tennessee Department of Health, Board of Occupational and Physical Therapy Examiners
http://www2.state.tn.us/health/Boards/OPT/index.htm

Tennessee Occupational Therapy Association
www.tnota.org/

PHLEBOTOMISTS
American Medical Technologists
www.amt1.com

American Society of Cytopathology
www.cytopathology.org

American Society for Clinical Laboratory Science
www.ascls.org/

American Society for Clinical Pathology
www.ascp.org/

American Society of Phlebotomy Technicians
www.aspt.org

Center for Phlebotomy Education
www.phlebotomy.com/

Health care news magazines
www.advanceweb.com
Magazine for Administrators of the Laboratory
www.advanceweb.com/publications.asp?pub=AL

Magazine for Medical Laboratory Professionals
www.advanceweb.com/publications.asp?pub=MT

National Accrediting Agency for Clinical Laboratory Sciences (NAACLS)
www.naaccs.org

National Society for Histotechnology (NSH)
www.nsh.org/

National Phlebotomy Association
www.nationalphlebotomy.org

Phlebotomy Pages
www.phlebotomypages.com/

Phlebotomy Today STAT! Newsletter
www.phlebotomy.com/PTSTAT.html

Physical Therapists and Assistants
About.com: Physical Therapy
http://physicaltherapy.about.com

American Kinesiotherapy Association
www.akta.org/
Registered Kinesiotherapist

American Physical Therapy Association (APTA)
www.apta.org

Commission on Accreditation in Physical Therapy Education
www.APTA.org/CAPTE

John Barnes Web site
(myofascial release for chronic pain and fibromyalgia expert)
www.myofascialrelease.com

National Certification Board for Therapeutic Massage and Bodywork (NCBTMB)
www.ncbtmb.com

Physical Therapy and Physical Therapy Equipment
http://physicaltherapyabout.com

Physical Therapy, Journal of APTA
www.ptjournal.org

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www.mckenziemdt.org

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www.sarameekspt.com

Tennessee Department of Health, Board of Occupational and Physical Therapy Examiners
http://www2.state.tn.us/health/Boards/OPT/index.htm

Radiation Therapists & Diagnostic Radiologic Technologists
American Association of Medical Dosimetrists
www.medicaldosimetry.org/

American Healthcare Radiology Administrators
www.ahraonline.org

American Registry of Radiologic Technologists
www.arrt.org/

American Society of Echocardiography (ASE)
www.asecho.org/

American Society of Radiologic Technologists
www.asrt.org

American Society for Therapeutic Radiology and Oncology www.astro.org/

Association of Educators in Imaging and Radiological Sciences
www.aeirs.org

International Society for Magnetic Resonance in Medicine
www.ismrm.org/

Joint Review Committee on Education in Radiologic Technology (JRCERT)
www.jrcert.org

Medical Dosimetrist Certification Board
www.mdcb.org/

Society for Vascular Ultrasound (SVU)
www.svunet.org/

Tennessee Department of Health, X-ray Operators
http://www2.state.tn.us/health/Boards/XRayOp/index.htm
Vanderbilt Center for Radiation Oncology
www.vicc.org/

Vanderbilt Center for Radiation Oncology’s Radiation Therapy Program
www.mc.vanderbilt.edu/alliedhealth/radiation/

**Recreational Therapists**

ABLEDATA: Recreational Therapist products
www.abledata.com

Alliance for Technology Access
www.ataaccess.org

American Therapeutic Recreation Association
www.atra-tr.org

Association for Education and Rehabilitation of the Blind and Visually Impaired (AERBVI)
www.aerbvi.org

Closing the Gap
www.closingthegap.com

Council on Accreditation of the National Recreation and Park Association
www.nrpa.org

Council on Rehabilitation Education (CORE)
www.core-rehab.org

Culture/Disabilities
www.disability.gov

Dawn Shelar website
(recreational therapist)
www.mtsu.edu/~vshelar

Good Shepherd Rehabilitation, The
www.goodshepherdrehab.org

National Assistive Technology
www.assistivetech.net

National Organization on Disability
www.nod.org

W3C World Wide Web Consortium
www.w3.org

**Respiratory Therapists and Technicians**

American Academy of Allergy, Asthma & Immunology
www.aaaai.org

American Association for Respiratory Care
www.aarc.org

American College of Chest Physicians
www.chestnet.org

American Thoracic Society
www.thoracic.org

Committee on Accreditation for Respiratory Care
www.coarc.com

National Board for Respiratory Care
www.nbrc.org

National Emphysema/COPD Association
www.necacommunity.org

NHLBI Acute Respiratory Distress Syndrome Network
www.ARDSnet.org

Tennessee Department of Health, Board of Respiratory Care
http://www2.state.tn.us/health/Boards/RC/index.htm

Tennessee Society for Respiratory Care
www.tnsrc.com

**Speech-Language Pathologists, Aides, and Audiologists**

Academy of Doctors of Audiology
www.audiologist.org/

American Academy of Audiology
www.audiology.org/

American Association of the Deaf-Blind
www.aadb.org/

American Speech-Language Hearing Association
www.asha.org

Audiology Foundation of America
www.audfound.org/

Council of Academic Programs in Communication Sciences and Disorders
www.capcsd.org/
Council on Academic Accreditation in Audiology and Speech-Language Pathology
www.asha.org/about/credentialing/accreditation

Deafness Research Foundation
www.drf.org/

Hearing Loss Association of America
www.hearingloss.org/

National Student Speech Language Hearing Association
www.nsslha.org/nsslha/

NeuroTone Inc.
www.neurotone.com/

Tennessee Association of Audiologists and Speech-language Pathologists
www.taaslp.org/

Tennessee Department of Health, Board of Communication Disorders and Sciences
http://www2.state.tn.us/health/Boards/CD/index.htm

Surgical Technologists
Association of Surgical Technologists
www.ast.org/

Other
American Art Therapy Association (AATA)
www.arttherapy.org
Art Therapist

American Orthoptic Council (AOC)
www.orthoptics.org
Orthoptist

American Society of Health System Pharmacists (ASHP)
www.ashp.org
Pharmacy Technician

American Association of Sleep Technologists
www.aastweb.org
Sleep Techs

Commission of Opticianry Accreditation
www.coaccreditation.com
Ophthalmic Dispensing Optician, Ophthalmic Laboratory Technician

National Association of Schools of Music (NASM)
nasm.arts-accredit.org

Epidemiology

General
East Tennessee State University, Epidemiology certification program
www.etsu.edu/reg/catalogs/graduate/2005_2006/epidemiology_certificate.htm

Meth Lab Cleanup
www.methfreetn.com/

On-line surveys
http://surveymonkey.com/home.asp

University of North Carolina, Epidemiology fundamentals
www.epidemiolog.net

University of North Carolina, Center for Public Health Preparedness
http://www2.sph.unc.edu/nccphp/training/training_list

University of Pittsburgh, Supercourse
www.pitt.edu/~super1

Centers for Disease Control and Prevention
Behavioral Risk Factor Surveillance System
www.cdc.gov/brfss

Cancer Clusters
www.cdc.gov/nceh/clusters/default.htm

Carbon Monoxide
www.cdc.gov/co

Data Sources: WONDER
http://wonder.cdc.gov

Data Sources: GATHER
http://gis.cdc.gov/atsdr/default.asp

Epidemiology case studies
www.cdc.gov/eis/casestudies/casestudyex.htm

Epidemiology general information
www.cdc.gov/epiinfo

Epidemiology public health training
http://www2a.cdc.gov/phthonline/registrar/registration/detailpage.asp?res_id=1394&evid=1

National Report on Human Exposure to Environmental Chemicals
www.cdc.gov/exposurereport/
Skyscape: Medical and Nursing Software
www.skyscape.com/

Tennessee Center for Nursing
www.centerformnursing.org/

Tennessee Department of Health Board of Nursing
http://www2.state.tn.us/health/Boards/Nursing/

Tennessee Nurses Association
www.tnaonline.org/

**Certified Nurse Assistants**
Tennessee CNA Testing and Certification
D & S Diversified Technologies
www.hdmaster.com

**Licensed Practical Nurses**
National Association for Practical Nurse Education & Service
www.napnes.org

National Federation of Licensed Practical Nurses
www.nflpn.org

**Clinical Nurse Specialists**
National Association of Clinical Nurse Specialists
www.nacns.org/cnsdirectory.shtml

**Nurse Practitioners**
American Academy of Nurse Practitioners
www.aanp.org

American Association of Colleges of Nursing
www.aacn.nche.edu/

American College of Nurse Practitioners
www.acnpweb.org

National Association of Pediatric Nurse Practitioners
www.napnap.org/

Nurse Practitioners in Women’s Health
www.npwh.org

**Nurse Midwives**
American Association of Birth Centers
http://www.birthcenters.org/

American College of Nurse Midwives
www.midwife.org/

Midwifery jobs
www.midwifejobs.com

**Nurse Anesthetists**
American Association of Nurse Anesthetists
www.aana.com/

**Nursing Specialties**
Air & Surface Transport Nurses Association
www.astna.org/

Academy of Medical-Surgical Nurses
amsn.inurse.com/

American Academy of Ambulatory Care Nursing
www.aaacn.org/

American Association of Critical Care Nurses
www.aacn.org

American Association of Legal Nurse Consultants
www.aalnc.org

American Association of Neuroscience Nurses
www.aann.org/

American Association of Nurse Attorneys
www.taana.org

American Association of Occupational Health Nurses
www.aaohn.org/

American Association of Spinal Cord Injury Nurses
www.aascin.org

American Board for Transplant Certification
www.abtc.net/

American Forensic Nurses
www.amrn.com

American Holistic Nurses Association
www.ahna.org/
American Nephrology Nurses Association
anna.inurse.com/

American Nursing Informatics Association
www.ania.org/

American Psychiatric Nurses Association
www.apna.org/

American Radiological Nurses Association
www.arna.net/

American Society of Ophthalmic Registered Nurses
webeye.ophth.uiowa.edu/ASORN/

American Society of PeriAnesthesia Nurses
www.aspan.org/

Association of Camp Nurses
www.campnurse.org

Association of Community Health Nursing Educators
www.uncc.edu/achne/

Association of Nurses in AIDS Care
www.anacnet.org/

Association of Operating Room Nurses
www.aorn.org/

Association of Pediatric Oncology Nurses
www.apon.org/

Association of Rehabilitation Nurses
www.rehabnurse.org/

Association of Women’s Health, Obstetric, and Neonatal Nurses
www.awhonn.org/

Case Management Society of America
www.cmsa.org/

Certifying Board of Gastroenterology Nurses and Associates
www.cbgnna.org/

Dermatology Nurses Association
www.dnanurse.org/

Developmental Disabilities Nurses Association
www.ddna.org/

Emergency Nurses Association
www.ena.org/

Home Health Nurses Association
www.hhna.org/

Hospice and Palliative Nurses Association
www.hpna.org/

Infusion Nurses Society
www.ins1.org/

International Association of Forensic Nurses
www.iafn.org/

International Nurses Society on Addictions
www.intnsa.org/

International Transplant Nurses Society
itns.org/

National Association of Directors of Nursing Administration in Long-Term Care
www.nadona.org

National Association of Neonatal Nurses
www.nann.org

National Association of Orthopaedic Nurses
www.orthonurse.org/

National Association of School Nurses
www.nasn.org/

National Board for Certification of School Nurses
www.nbcn.com/

National Gerontological Nurses Association
www.ngna.org/

National Kidney Foundation
Council of Nephrology Nurses and Technicians (CNNT)
www.kidney.org/professionals/CNNT/

National Nurses in Business Association
www.nnba.net

National Nursing Staff Development Organization
www.mnsdo.org

Oncology Nursing Society
www.ons.org

Preventive Cardiovascular Nurses Association
www.pcna.net/

Respiratory Nursing Society
www.respiratorynursingsociety.org/
Rural Nurse Organization
www.rno.org/

Society of Gastroenterology Nurses and Associates
www.sgna.org/

Society of Otorhinolaryngology and Head Neck Nurses
www.sohnnurse.com/

Society of Pediatric Nurses
www.pedsnurses.org/

Society of Urologic Nurses and Associates
www.suna.org/

Society for Vascular Nursing
www.svnnet.org/

Wound, Ostomy and Continence Nurses Society
www.wocn.org/

Wound Ostomy Continence Nursing Certification Board
www.wocncb.org/
Other Professional Sites

Athena: Nashville Area Library Alliance’s virtual library catalog
www.library.vanderbilt.edu/nala/

Center for the Health Professions, Allied Health Workforce (San Francisco, CA)
futurehealth.ucsf.edu/alliedhealth.html

Center for Health Workforce Development in Tennessee
www.healthworkforce.org

Cochrane Library: evidence-based treatment databases
http://www3.interscience.wiley.com/cgi-bin/mrwhome/106568753/HOME

Healthcare Compliance Company, The
http://www.hcpro.com/

HealthWeb
www.healthweb.org

Nashville Health Care Council
www.healthcarecouncil.com/

National Guideline Clearinghouse: evidence-based clinical practice guidelines
www.guideline.gov/

ProQuest Information and Learning
www.umi.com/markets/medical.shtml

PubMed: National Center for Biotechnology Information, National Institute of Health, and National Library of Medicine’s online biomedical and life science journal archive

Society for Simulation in Healthcare
www.SSiH.org

Tennessee Board of Regents
www.tbr.state.tn.us/

Tennessee Career Centers
state.tn.us/labor-wfd/cc/

Tennessee Department of Health
state.tn.us/health

Tennessee Department of Health Licensing Information
state.tn.us/health/licensing.htm
The Tennessee Department of Health’s Division of Health Related Boards provides administrative support to the twenty-six (26) boards, committees, councils and one (1) registry that are charged with the licensure and regulation of their respective health care professionals, as well as the Office of Consumer Right to Know. The mission of each board is to safeguard the health, safety, and welfare of Tennesseans by requiring those who practice health care professions within this state to be qualified. The boards interpret the laws, rules, and regulations to determine the appropriate standards of practice in an effort to ensure the highest degree of professional conduct. The boards are also responsible for the investigation of alleged violations of the Practice Act and rules and are responsible for the discipline of licensees who are found guilty of such violations. Board members, with few exceptions, are appointed by the governor. Tennessee statute mandates that specific health care professionals submit information to the department regarding details of their training, specialty certification, and practice. The Office of Consumer Right to Know is charged with seeking and collecting this information and providing it to consumers via the department’s website.

Boards, Councils, Committees, and Registry:

Athletic Trainers
Tennessee Advisory Committee for Acupuncture
Board of Alcohol and Drug Abuse Counselors
Board of Chiropractic Examiners
Committee for Clinical Perfusionists
Board of Communications Disorders/Sciences
Board of Dentistry
Board of Dietitian and Nutritionist Examiners
Board of Dispensing Opticians
Board of Electrolysis Examiners
Emergency Medical Services Board
Council for Hearing Instrument Specialists
Tennessee Massage Licensure Board
Board of Medical Examiners
Tennessee Medical Laboratory Board
Board of Nursing
Council of Certified Professional Midwifery
Board of Examiners for Nursing Home Administrators
Board of Occupational and Physical Therapy Examiners
Board of Optometry
Board of Osteopathic Examiners
Committee on Physician Assistants
Board of Podiatric Medical Examiners
Board for PC, MFT, and CPT
Board of Examiners in Psychology
Board of Respiratory Care
Reflexology Registration
Board of Social Worker Certification and Licensure
Board of Veterinary Medical Examiners
X-Ray Operators

The Tennessee Department of Health’s Division of Health Related Boards website provides specifics for each of the groups listed above.

www2.state.tn.us/health/Boards/index.htm

If additional information is needed, the Division of Health Related Boards may be contacted at

Health Related Boards
227 French Landing, Suite 300
Heritage Place Metro Center
Nashville, TN 37243

E-mail: tn.health@state.tn.us
References

Bibliography, 336
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Acknowledgements

We wish to thank..., 340
Middle Tennessee Workforce Investment Board (MTWIB), 340

Tennessee Higher Education Commission (THEC). Available at www.state.tn.us/thec/.


Bibliography


“Did You Know?” and “How is Technology Impacting Your Field?” Contributors

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  CNA Instructor
  National HealthCare Corporation

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  Tennessee Technology Center @ Murfreesboro

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Allied Health Careers

Physical Therapist
  John H. Gassler, PT, GCS, M.S.
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  Rehabilitation Coordinator
  The Health Center at AdamsPlace
  Murfreesboro TN

Other Chambers of Commerce

Brentwood and Cool Springs Chamber of Commerce
  www.brentwood.org or www.coolspringschamber.org

Cheatham County Chamber of Commerce
  www.cheathamchamber.org

Dickson County Chamber of Commerce
  www.dicksoncountychamber.com

Donelson-Hermitage Chamber of Commerce
  www.d-hchamber.com/

Fairview Chamber of Commerce
  www.fairview-tn.com

Gallatin Chamber of Commerce
  www.gallatin.tn.org

Goodlettsville Chamber of Commerce
  www.goodlettsvillechamber.com

Hartsville-Trousdale County Chamber of Commerce
  www.hartsvilletrousdale.com/

Hendersonville Area Chamber of Commerce
  www.hendersonvillechamber.net

Lebanon-Wilson County Chamber of Commerce
  www.lebanonwilsonchamber.org

Madison-Rivergate Area Chamber of Commerce
  www.madisonrivergatechamber.com

Mount Juliet-West Wilson County Chamber of Commerce
  www.mtjulietchamber.com

Nashville Area Chamber of Commerce
  www.nashvillechamber.com

Old Hickory Area Chamber of Commerce
  www.oldhickorychamber.org/

Portland Chamber of Commerce
  www.portlandtn.com/chamber_of_commerce.htm

Rutherford County Chamber of Commerce
  www.rutherfordchamber.org

Springfield-Robertson County Chamber of Commerce
  www.springfieldtennchamber.org

White House Chamber of Commerce
  www.whitehousetn.com/chamber_of_commerce.htm

Williamson County-Franklin Chamber of Commerce
  www.williamson-franklinchamber.org/
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Vanderbilt University Medical Center

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Department of Health & Human Performance
Middle Tennessee State University

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Columbia State Community College

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Professor and Chair, Department of Human Sciences
Middle Tennessee State University

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Nashville, Tennessee

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Director of Accreditation
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Endowment

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Program Director, Surgical Technology
Tennessee Technology Center at Murfreesboro

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Basic, Intermediate, and Paramedic
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Director of Education and Planning
Rutherford County EMS

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Vanderbilt Center for Radiation Oncology

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Medical Imaging Program Director
Allied Health Division
Vanderbilt University Medical Center

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Monroe Carell Jr. Children’s Hospital at Vanderbilt

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Program Director
School of Diagnostic Medical Sonography
Vanderbilt University Medical Center

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Tennessee State University

Medical Laboratory Technician
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Director/Instructor, Medical Laboratory Technology Program
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   Master Teacher - Phlebotomy
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Dental Laboratory Technician
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   Project Manager
   National Association of Dental Laboratories

Health Information Administrator, and
Health Information Technician
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   University of Tennessee Health Science Center

Medical Transcriptionist
   Frances Hesson
   Lead Instructor
   Draughons Junior College

Epidemiology Careers

Epidemiologist
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   Epidemiologist
   Tennessee Department of Health, Office of Cancer
   Surveillance

   Ellen Omohundro
   Epidemiologist
   Tennessee Dept. of Health, Office of Cancer
   Surveillance
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