

# HEALTHCARE INDUSTRY

in Maricopa County, Arizona



"THE HEALTH OF THE  
PEOPLE IS REALLY THE  
FOUNDATION UPON WHICH  
ALL THEIR HAPPINESS  
AND ALL THEIR POWERS  
AS A STATE DEPEND."

—BENJAMIN DISRAELI



*focusing on the future, today!*

**CAREER & TECHNICAL EDUCATION**

TOLLESON UNION HIGH SCHOOL DISTRICT



# TOLLESON UNION HIGH SCHOOL DISTRICT CAREER AND TECHNICAL EDUCATION:



## Healthcare in the U.S.

### GROWTH

- Steady growth for each of the last 9 years
- \$1.3 trillion industry in 2006
- \$1.9 trillion industry in 2013

### INCOME

- \$554 million industry in 2003
- \$903 million industry in 2013

## Healthcare in Arizona

### GROWTH

- Steady growth for each of the last 10 years
- \$10.8 billion industry in 2003
- \$20.5 billion industry in 2012

### FULL-TIME AND PART-TIME EMPLOYMENT

- 253,502 jobs in 2003
- 367,493 jobs in 2013

### INCOME

- \$9.03 million in 2003
- \$17.7 million in 2013

## Healthcare in Maricopa County:

### GDP IN THE PHOENIX AREA

- \$4.8 billion in 2003
- \$14.6 billion in 2013

### FULL-TIME AND PART-TIME EMPLOYMENT

- 159,485 jobs in 2003
- 243,481 jobs in 2013

### INCOME

- \$6.1 million in 2010
- \$12.3 million in 2013

## Healthcare Overview

In 2014, the healthcare industry in the U.S. generated \$3.09 trillion, and that number is projected to reach \$3.17 trillion in just the next three years. The industry will continue to be one of the highest growth industries in the country as the population ages—and lives longer—and the demand for healthcare increases. Even during the Great Recession, while other industry sectors lost jobs, healthcare continued to grow rapidly.

Opportunities in healthcare professions range over such a broad array of occupations and environments that no mere list could possibly capture all the opportunities. Are you interested in direct patient care, administration, research, biotechnology, or health informatics? Do you want to work in a hospital, clinic, nursing home, or a laboratory? Do you see yourself in government, education, or the military? Whether you want to make a difference at the beginning of life or the end of life or any stage in between, you'll find a niche in healthcare in a wide variety of occupations and environments.



### TOP 5 HEALTHCARE OCCUPATIONS WITH ANNUAL SALARY BY EXPERIENCE

Occupation	Experience	
	Less than 5 years	5–10 years
Medical and health service managers	\$54,502	\$58,913
Physicians, general practice	\$140,013	\$148,920
Medical secretaries	\$29,097	\$31,463
Maids and housekeeping cleaners (hospital)	\$20,218	\$21,258
Food servers (hospital)	\$20,603	\$25,013

SOURCE: Payscale.com

### TOP 5 NON-PHYSICIAN PATIENT CARE OCCUPATIONS WITH ANNUAL SALARY BY EXPERIENCE

Occupation	Experience	
	Less than 5 years	5–10 years
Registered nurses	\$54,100	\$59,539
Licensed practical or licensed vocational nurses	\$41,334	\$44,586
Medical assistants	\$27,962	\$30,369
Nurse practitioners	\$87,239	\$92,331
Certified respiratory therapists	\$45,344	\$50,893

SOURCE: Payscale.com

"WHEN YOU'RE A NURSE YOU KNOW THAT EVERY DAY YOU WILL TOUCH A LIFE OR A LIFE WILL TOUCH YOURS."  
—UNKNOWN

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## MAJOR HEALTHCARE EMPLOYERS IN MARICOPA COUNTY, ARIZONA

PMH Health Services Network	CORE Institute	Pediatrics
Brookdale—Plaza Del Rio Care Center	Dignity Health	Phoenix Children's Hospital
Banner Health Systems	Neurological Physicians of Arizona	Sonora Quest Laboratories
Phoenix Baptist Hospital	Good Samaritan Society—Good Shepherd	Mayo Clinic and Mayo Hospital
Honor Health	St. Luke's Medical Center	

### Top Five Healthcare Employers in Maricopa County

**Banner Health Systems** is one of the largest nonprofit hospital systems in the U.S. It resulted from the 1999 merger of Samaritan Health System and Lutheran Health System. Headquartered in Phoenix, it has locations in seven states as well as a partnership with the University of Arizona Medical Center. Banner Health employs more than 39,000 staff members and includes 28 hospitals. It provides general and specialty services; inpatient, outpatient, and urgent care; medical education and professional development; and research.

The **Mayo Clinic** in Scottsdale provides general and specialty care through outpatient surgery, laboratory services, diagnostic testing, imaging, and pharmacy services. It also offers cancer education and engages in a wide array of medical research. The **Mayo Hospital** in Phoenix is the first hospital the Mayo Clinic designed and built. It has 268 beds, 21 operating rooms, an emergency room, a transplant center, a clinical laboratory, and diagnostic facilities. The Mayo Hospital campus also houses the Mayo Clinic Specialty Building, which provides a variety of outpatient specialty services.

**Sonora Quest Laboratories** is a joint venture between Banner Health and Quest Diagnostics. It employs more than 3,000 people serving 20,000 patients per day at 70 service centers throughout Arizona. As of 2014, Sonora Quest Laboratories has been named one of the best places to work in Arizona for six consecutive years by the *Phoenix Business Journal*.

**Phoenix Children's Hospital** includes 385 beds and employs a medical staff of almost 1,000 pediatric specialists and more than 4,000 staff members, with satellite locations in six area cities. The hospital provides inpatient, outpatient, trauma, and emergency care across more than 70 pediatric subspecialties, including neurology, cardiology, orthopedics, and oncology, as well as trauma and neonatal intensive care facilities.

The **CORE Institute** (Center for Orthopedic Research and Education) operates in Arizona and Michigan, with more than 20 locations in Arizona. It employs more than 125 providers and more than 500 staff members across both states. Focusing on orthopedics, it provides clinical and surgical musculoskeletal care, research, and education. CORE includes a state-of-the-art motion analysis gait laboratory and biomechanics facility, and it provides specialized care in the areas of surgical, nonsurgical, and rehabilitative musculoskeletal medicine.

"YOU MAY NOT APPRECIATE THE PRESENCE OF GOOD HEALTH, BUT YOU WILL DEFINITELY REGRET THE ABSENCE OF GOOD HEALTH, BECAUSE HEALTH IS HAPPINESS."

—AMIT KALANTRI



"THIS IS HOW MOST STORIES END IN THE HOSPITAL. NOT WITH CRASH CARTS AND SIRENS AND ELECTRIC SHOCKS TO THE CHEST, BUT WITH AN EMPTY ROOM, A CRISP WHITE BED, SILENCE."

—JACOB M. APPEL

## Key Occupations in the Industry\*



### MEDICAL SECRETARIES

#### What Secretaries and Administrative Assistants Do

Secretaries and administrative assistants perform routine clerical and administrative duties. They organize files, draft messages, schedule appointments, and support other staff.

#### Work Environment

Although secretaries and administrative assistants work in nearly every industry, many are employed in schools, hospitals, governments, and legal and medical offices. Most work full time in office settings. Virtual assistants typically work from a home office.

#### How to Become a Secretary or Administrative Assistant

High school graduates with basic office and computer skills usually qualify for entry-level positions. Although most secretaries learn their job in several weeks, many legal and medical secretaries require several months of training to learn industry-specific terminology. Executive secretaries usually need several years of related work experience.

### REGISTERED NURSES

#### What Registered Nurses Do

Registered nurses (RNs) provide and coordinate patient care, educate patients and the public about various health conditions, and provide advice and emotional support to patients and their family members.

#### Work Environment

Registered nurses work in hospitals, physicians' offices, home healthcare services, and nursing care facilities. Others work in correctional facilities, schools, or serve in the military.

#### How to Become a Registered Nurse

Registered nurses usually take one of three education paths: a bachelor's degree in nursing, an associate degree in nursing, or a diploma from an approved nursing program. Registered nurses must also be licensed.

### MEDICAL ASSISTANTS

#### What Medical Assistants Do

Medical assistants complete administrative and clinical tasks in the offices of physicians, podiatrists, chiropractors, and other health practitioners. Their duties vary with the location, specialty, and size of the practice.

#### Work Environment

Medical assistants held about 560,800 jobs in 2012. Most of these assistants work in physicians' offices and other healthcare facilities.

#### How to Become a Medical Assistant

Most medical assistants have postsecondary education such as a certificate. Others enter the occupation with a high school diploma and learn through on-the-job training.

### NURSE PRACTITIONERS

#### What Nurse Anesthetists, Nurse Midwives, and Nurse Practitioners Do

Nurse anesthetists, nurse midwives, and nurse practitioners, also referred to as advanced practice registered nurses (APRNs), provide and coordinate patient care, and they may provide primary and specialty health care. The scope of practice varies from state to state.

#### Work Environment

Nurse anesthetists, nurse midwives, and nurse practitioners work in a wide variety of healthcare settings, including hospitals, physicians' offices, nursing care facilities, schools, and clinics.

#### How to Become a Nurse Anesthetist, Nurse Midwife, or Nurse Practitioner

Nurse anesthetists, nurse midwives, and nurse practitioners must earn at least a master's degree in one of the APRN roles. They must also be licensed in their state and pass a national certification exam.

### RESPIRATORY THERAPISTS

#### What Respiratory Therapists Do

Respiratory therapists care for patients who have trouble breathing—for example, from a chronic respiratory disease such as asthma or emphysema. Their patients range from premature infants with undeveloped lungs to elderly patients who have diseased lungs. They also provide emergency care to patients suffering from heart attacks, drowning, or shock.

#### Work Environment

Respiratory therapists held about 119,300 jobs in 2012. Most respiratory therapists work in hospitals. Others may work in nursing care facilities or travel to patients' homes.

#### How to Become a Respiratory Therapist

Respiratory therapists typically need an associate degree, but some have bachelor's degrees. Respiratory therapists are licensed in all states except Alaska; requirements vary by state.

\* ALL JOB INFORMATION TAKEN FROM THE BUREAU OF LABOR STATISTICS OCCUPATIONAL OUTLOOK HANDBOOK ([HTTP://WWW.BLS.GOV/OOHH](http://www.bls.gov/oooh/))





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# HOSPITALITY INDUSTRY

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"WHEN FRIENDS ARE AT YOUR HEARTH-SIDE MET, SWEET COURTESY HAS DONE ITS MOST IF YOU HAVE MADE EACH GUEST"



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# TRANSPORTATION AND WAREHOUSING

in Maricopa County, Arizona

"OUR UNITY AS A NATION IS SUSTAINED BY FREE COMMUNICATION OF THOUGHT AND BY EASY TRANSPORTATION OF PEOPLE AND GOODS"  
— TWIGHT D. EISENHOWER



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# MANUFACTURING

in Maricopa County, Arizona

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— THOMAS JEFFERSON



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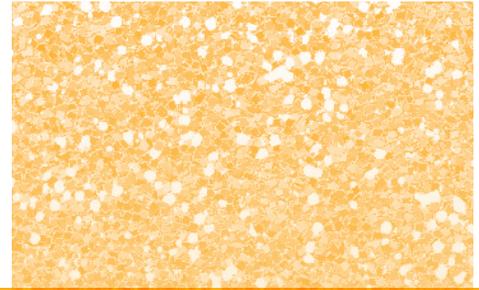
# DISTRIBUTION

in Maricopa County, Arizona

"IF THE MACHINERY FOR DISTRIBUTION IN THE PRESENT ECONOMIC SYSTEM OF THE WORLD IS INCAPABLE OF PROPERLY DISTRIBUTING THE PRODUCTIVE WEALTH OF NATIONS, THEN THAT SYSTEM IS FALSE AND MUST BE ALTERED."  
— GREGOR STRASSER



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—THOMAS BAILEY  
ALDRICH

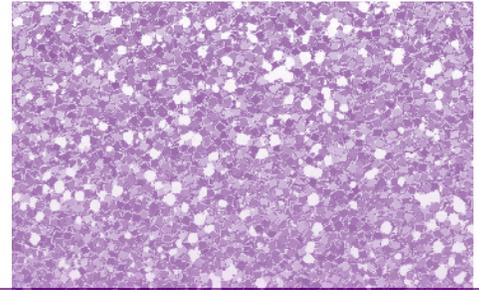


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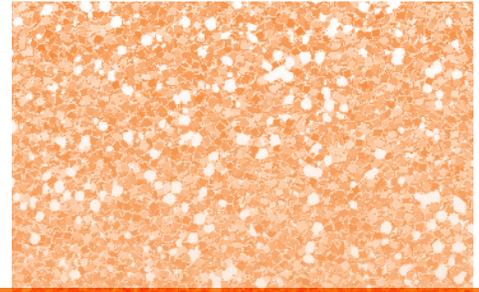


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