San Antonio’s Bioscience / Healthcare Industry

Ranked as San Antonio’s leading industry, the bioscience / healthcare sector includes a diverse mix of research organizations, educational institutions, bioscience firms and healthcare systems. According to a study by the Greater San Antonio Chamber of Commerce, the industry:

• Had an economic impact of more than $29.2 billion in 2011.
• Paid $7.5 billion in wages to 156,205 employees in 2011.
• Now employs more than one of every six local workers.
• Added more than 40,000 net new jobs over the past decade.

Bioscience Research Drives Industry Growth

San Antonio’s biomedical research community has developed around a strong core of academic, non-profit and private-sector institutions.

• The **University of Texas Health Science Center at San Antonio (UTHSCSA)** anchors the local biomedical research community and ranks in the top 3% of institutions worldwide receiving National Institutes of Health (NIH) funding.
• The UTHSCSA’s **Cancer Therapy & Research Center** is one of four National Cancer Institute-designated cancer centers in Texas and is home to one of the world’s largest Phase I clinical trials networks for testing new cancer drugs for the first time in humans.
• The **Greehey Children’s Cancer Research Institute** at the UTHSCSA is a specialized center to study the underlying genetic and molecular causes of pediatric cancers and accelerate the translation of existing knowledge into novel interventions.
• The **Sam and Ann Barshop Institute of Longevity and Aging Studies** at the UTHSCSA is one of the top five institutions in the nation in funding by the National Institute on Aging, one of the National Institutes of Health.
• The **University of Texas at San Antonio (UTSA)** is conducting increased amounts of biomedical research, with one of the largest science-related educational facilities in Texas.
• The **Texas Biomedical Research Institute** is one of the country’s leading independent biomedical research institutions. It operates the world’s largest computing cluster for genomics research, as well as the nation’s only privately operated, maximum containment (BSL-4) laboratory. It is also the site of the world’s largest baboon research colony at the Southwest National Primate Research Center.
• The **Southwest Research Institute**, a leading, non-profit applied science institution, conducts research including biomedical research for the government and industry.
• **South Texas Accelerated Research Therapeutics**, a preclinical and Phase I clinical trials organization, conducts the world’s largest Phase I medical oncology program.

GROWTH IN THE BIOSCIENCE / HEALTHCARE INDUSTRY

• **Medtronic’s** new Diabetes Therapy Management & Education Center opened in San Antonio in 2009. When fully staffed with nearly 1,400 employees, it is expected to generate an economic impact of more than $700 million per year, according to the Institute for Economic Development, UTSA.

• In June 2011, **BD** opened its North American Professional Services Center Headquarters in San Antonio, with plans to hire 300. This is the first of four professional services centers planned across the globe.

• Recently recruited emerging companies include **InCube Labs**, a local branch of a life science incubator based in the Silicon Valley. InCube brought three startup companies to San Antonio in 2010 and launched two additional startups in 2013.

• **Xenex HealthCare Services** relocated from Austin, Texas in 2012.

• **Innovative Trauma Care**, a Canadian medical device company, chose San Antonio for its U.S. headquarters in 2012.

• **The Texas Technology Development Center (T3DC)**, a not-for-profit subsidiary of the Texas Research and Technology Foundation, manages a seed investment fund and business accelerator to support startup companies in the medical, scientific and technology fields.

• Industry cluster organization **BioMed SA**, promotes San Antonio’s healthcare and bioscience assets and accelerates growth of the sector.
San Antonio is home to a growing number of established and emerging bioscience companies.

**Industry Leaders in San Antonio**

- **BD**, a leading global medical technology company, operates its North American Professional Services Center Headquarters in San Antonio.
- **DPT Laboratories, Ltd.** is a contract development and manufacturing organization, offering full-service sourcing solutions for the world’s leading pharmaceutical, biotechnology and healthcare companies.
- **Kinetic Concepts, Inc.** is a global medical technology company with leadership positions in advanced wound care therapies. The company manufactures a wide range of proprietary products.
- **Mission Pharmacal** develops and manufactures a diverse line of over-the-counter and prescription pharmaceutical products.
- **Medtronic, Inc.**, in 2009 chose San Antonio for its new Diabetes Therapy Management & Education Center, which will have (when fully operational) 1,400 employees, supporting users of Medtronic insulin pumps worldwide.

**Military Medical Training, Research & Treatment**

With the completion of the recent Base Realignment & Closure process, San Antonio became home to all basic and specialty medical training for the Department of Defense (DoD). The project created a military medical complex that is the largest of its kind in the world, the new Medical Education Training Campus at Fort Sam Houston. The campus offers 30 academic programs to an average of 9,000 students a day, with an estimated 24,000 graduates a year.

In addition, the new **San Antonio Military Medical Center** is the largest of the nation’s two military medical centers, and operates a world-renowned burn unit, a rehabilitation facility for wounded soldiers and the only Level I trauma center that treats both civilians and military personnel.

The center also houses a significant amount of translational and clinical research, including the only DoD research laboratory focused on traumatic injury, the U.S. Army Institute of Surgical Research.

**Bioscience Education in San Antonio**

San Antonio offers a number of health professions educational programs, including a leading dental school, medical school, multiple nursing schools, pharmacy, optometry, and public health schools and numerous allied health training programs.

The University of Texas Health Science Center at San Antonio has more than 3,000 students enrolled in five schools: School of Medicine, Graduate School of Biomedical Sciences, Dental School, School of Nursing and School of Allied Health Sciences. The school encompasses six campuses in San Antonio and South Texas.

Other major programs include the Feik School of Pharmacy at the **University of the Incarnate Word**, one of the nation’s top graduate programs in health care management at **Trinity University**, and a Master of Business Administration program which concentrates on Business of Health at **The University of Texas at San Antonio**.

**Health Services in San Antonio**

The greater San Antonio area is home to more than 40 hospitals, including four major hospital systems, with a total of more than 5,000 staffed beds. The 900-acre **South Texas Medical Center** claims the region’s largest concentration of medical treatment, research, education and related activities, with more than 75 medical-related facilities.

San Antonio has two Level I trauma centers, serving the civilian and military populations, and is second only to New York City in terms of disaster preparedness by medical facilities, with all hospitals in the metropolitan area linked in real time to coordinate patient reception, staffing and resource allocation during disasters.