



LIFE SCIENCES IN TEXAS

Texas is home to more than 4,000 life science R&D and manufacturing firms, with over 100,000 workers employed in related fields.

Texas: Global Life Science Powerhouse

Home to more than 4,000 life science and research firms, and approximately 100,000 workers in related fields, Texas is one of the leading life science states in the country.

Top Fortune 500 companies such as Kimberly-Clark and Celanese are based in Texas, while top global industry leaders such as McKesson, Galderma, Novartis, Abbott, Allergan, and Johnson & Johnson, among others, have major operations in the state.

Texas' highly trained workforce, top-tier research institutions and business-friendly climate strengthens the state's status as a global life science industry leader.

Texas is home to 11 medical universities, and is continuing to expand its network with the addition of two new medical schools. The Dell Medical School at the University of Texas – Austin, which welcomed its inaugural 50-person class in June 2016, is the first MD-training institution in nearly 50 years to be built from the ground up at a top-tier U.S. research university.

Texas' Top Rankings for Biotechnology Workers in the U.S (August 2016)

- No. 1** | Medical & Clinical Lab Technologists
- No. 1** | Chemical Engineers
- No. 1** | Ophthalmic Medical Technicians
- No. 1** | Veterinary Technologists & Technicians
- No. 2** | Pharmacy Technicians
- No. 3** | Animal Scientists
- No. 3** | Environmental Scientists
- No. 4** | Soil & Plant Scientists
- No. 4** | Biological Scientists, All Other

Texas is Top Tier for Biotech-Related Doctorates

In 2015, the National Science Foundation ranked Texas among the top 10 U.S. States for number of doctorates awarded in biotech-related fields:

- No. 1** | for agricultural sciences doctorates
- No. 2** | for health sciences doctorates
- No. 2** | for life science doctorates
- No. 3** | for all doctorates awarded
- No. 3** | for biological/biomedical sciences doctorates

No.1

World's Largest Medical Center

No.1

Medical/Clinical Lab Technologists & Chemical Engineers

4

NCI-Designated Cancer Centers

6

Medical Schools in Nation's Top 100

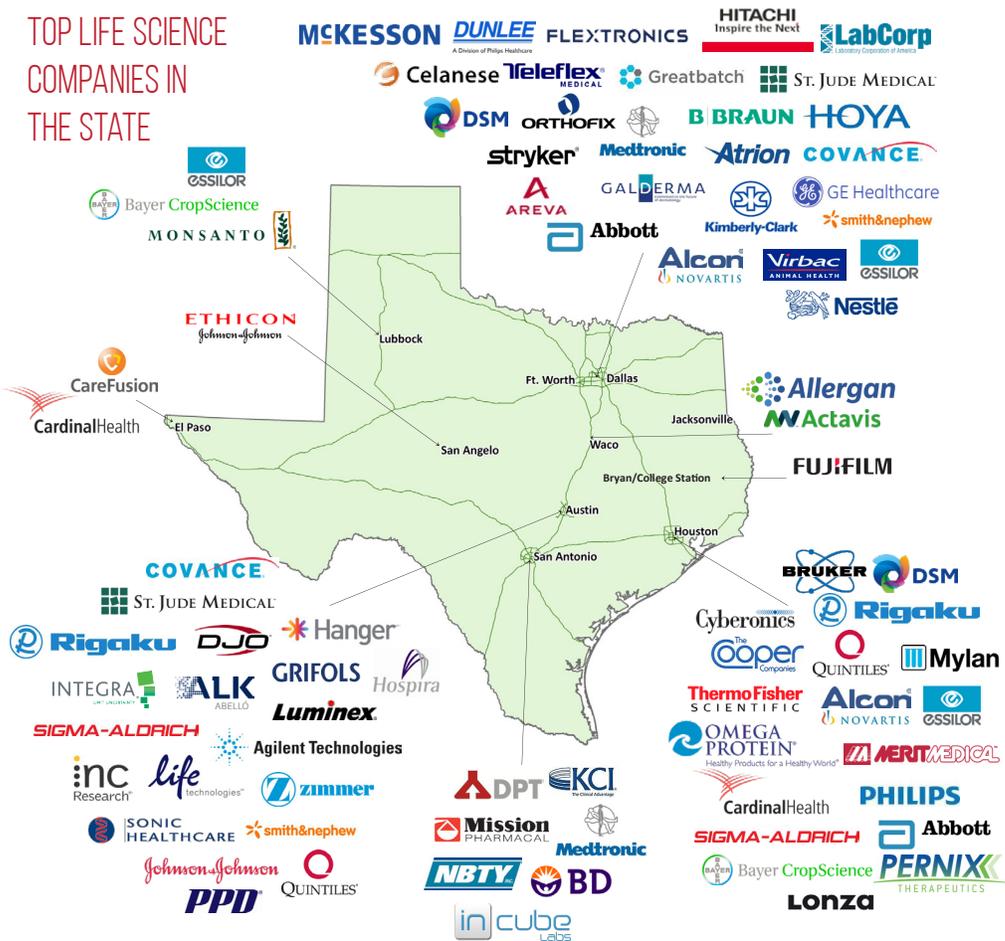
\$2.5B

Annual Research & Development Expenditures

22,160

Clinical Trials Underway (3rd nationally)

TOP LIFE SCIENCE COMPANIES IN THE STATE



Texas: Life Sciences Powerhouse

1,200

Texas is home to more than 1,200 biotechnology-related manufacturing and R&D firms.

700

More than 700 firms employ approximately 11,900 highly skilled workers in the medical devices sector.

49,000

In 2016, more than 49,000 students in Texas graduated with STEM-related Bachelor of Science degrees.

\$36M

In 2015, Governor Greg Abbott championed legislation to create a new Governor's University Research Initiative (GURI). To date, \$36 million has been awarded to attract and recruit top researchers to Texas' higher education institutions.

TEXAS CANCER RESEARCH CENTERS RACING FOR THE CURE

Texas is a national leader in cancer research. The Cancer Prevention Research Institute of Texas (CPRIT), based in Austin, is the second-largest taxpayer-funded cancer research organization in the country. Since its inception in 2007, CPRIT has awarded 1,132 grants totaling more than \$1.79 billion, with approximately \$45 million dedicated to academic research grants.

The Texas Medical Center (TMC) is the world's largest medical complex, and is also home to the world's largest children's hospital—the Texas Children's Hospital—and the world's largest cancer hospital—MD Anderson Cancer Center.

THE TEXAS MEDICAL CENTER INNOVATION INSTITUTE

The Texas Medical Center (TMC) Innovation Institute aims to become the global leader in life sciences innovation and commercialization:

TMCx – The Texas Medical Center Accelerator (TMCx) facilitates development of early-stage digital health and medical device companies. TMCx resources include co-working space and a network of more than 120 advisors including clinical experts, researchers and executives.

TMCx+ – Located adjacent to the TMCx Accelerator, TMCx+ provides essential amenities required by early stage companies including secure office space, conference rooms and a recombinant research environment.

JLABS@TMC – Part of Johnson & Johnson Innovation LLC, JLABS is a network of incubators providing emerging pharmaceutical, medical device and consumer and digital health companies.