

Texas



The U.S. Bioscience Economy:

Advancing Innovation and Strengthening States and Regions

Texas' large bioscience industry continues to grow at a strong pace, reaching 135,105 jobs across 9,486 state business establishments in 2025. Industry employment increased by 12.8 percent from 2021 through 2025, significantly exceeding the national rate. Four major subsectors added jobs, with medical devices and equipment and research, testing, and medical laboratories each growing by 20 percent or more. Annual bioscience wages averaged \$127,694, 61 percent higher than Texas' private sector average. The state remains among the top quintile in bioscience-related academic R&D, NIH funding, venture capital investment, and patents. Universities conducted nearly \$5.6 billion in bioscience-related R&D in FY 2024, and institutions received \$1.9 billion in NIH funding in FY 2025. Venture capital investments in Texas bioscience companies totaled \$11.1 billion from 2021 through 2025, while state inventors were affiliated with 7,062 bioscience-related patents.

BIOSCIENCE PERFORMANCE METRICS

Summary of State Performance in Selected Bioscience-related Metrics

METRIC		Texas	United States	Quintile
Bioscience Industry, 2025	Bioscience Industry Employment	135,105	2,312,617	I
	Bioscience Industry Location Quotient	0.65	n/a	IV
	Bioscience Industry Establishments	9,486	156,463	I
Academic Bioscience R&D Expenditures, FY 2024	Bioscience R&D (\$ thousands)	\$5,555,910	\$68,902,940	I
	Bioscience Share of Total R&D	65%	63%	II
	Bioscience R&D Per Capita	\$177	\$203	III
NIH Funding, FY 2025	Funding (\$ thousands)	\$1,887,106	\$36,741,235	I
	Funding Per Capita	\$60	\$107	III
Bioscience Venture Capital, 2021-25	Investments (\$ millions)	\$11,136.57	\$297,644	I
Bioscience-Related Patents, 2021-25	Total Patents	7,062	138,607	I

State ranking figures for bioscience performance metrics are calculated as quintiles, where I = top quintile, III = middle quintile, and V = bottom quintile. For source notes, see end of State Profile.

Texas

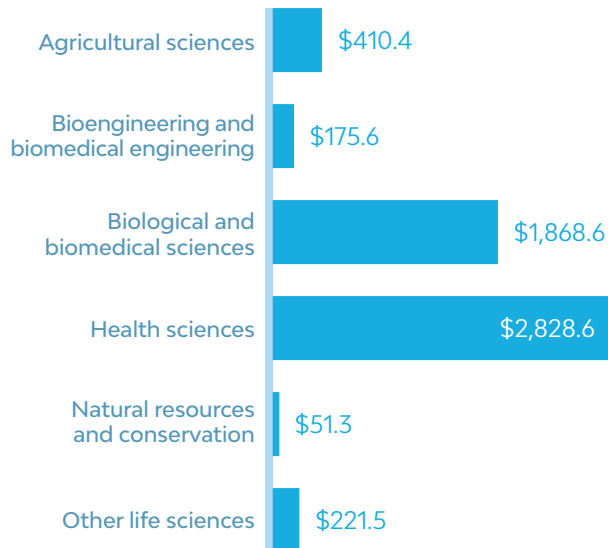
INDUSTRY SUBSECTOR		Texas		United States	
		2025	2021-2025 Change	2025	2021-2025 Change
Agricultural Feedstock and Industrial Biosciences	Establishments	189	21.4%	2,158	10.7%
	Employment	4,457	-6.0%	71,331	2.2%
	Location Quotient	0.69		n/a	
	Average Annual Wage	\$125,881	16.9%	\$105,506	14.7%
Bioscience-Related Distribution	Establishments	3,800	-1.5%	68,949	10.0%
	Employment	55,563	7.8%	667,651	10.7%
	Location Quotient	0.92		n/a	
	Average Annual Wage	\$142,849	15.0%	\$144,792	19.0%
Medical Devices and Equipment	Establishments	963	30.4%	13,595	24.6%
	Employment	20,815	21.8%	430,363	1.9%
	Location Quotient	0.54		n/a	
	Average Annual Wage	\$105,829	28.6%	\$110,757	13.9%
Pharmaceuticals	Establishments	465	38.9%	7,880	31.0%
	Employment	15,355	10.5%	363,904	5.4%
	Location Quotient	0.47		n/a	
	Average Annual Wage	\$126,109	15.4%	\$146,506	16.3%
Research, Testing, and Medical Laboratories	Establishments	4,069	67.6%	63,881	37.0%
	Employment	38,914	20.0%	779,368	8.1%
	Location Quotient	0.55		n/a	
	Average Annual Wage	\$118,582	18.3%	\$167,555	13.7%
Total Bioscience Industry	Establishments	9,486	26.2%	156,463	22.1%
	Employment	135,105	12.8%	2,312,617	7.0%
	Location Quotient	0.65		n/a	
	Average Annual Wage	\$127,694	16.8%	\$145,188	16.0%
Total Private Sector	Establishments	839,012	11.5%	11,985,043	12.5%
	Employment	12,060,102	13.3%	133,872,972	8.5%
	Location Quotient	1.00		n/a	
	Average Annual Wage	\$79,405	18.4%	\$78,863	16.3%

Note: U.S. employment metrics include Puerto Rico.

BIOSCIENCE RESEARCH IN TEXAS

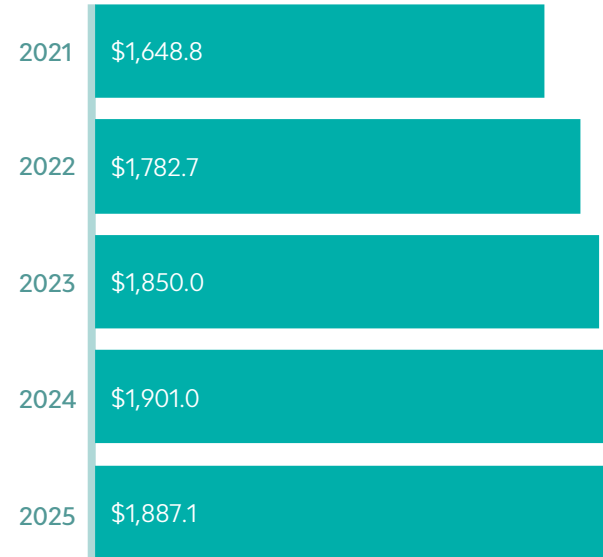
Bioscience Academic R&D Expenditures

\$ Millions, FY 2024



NIH Awards

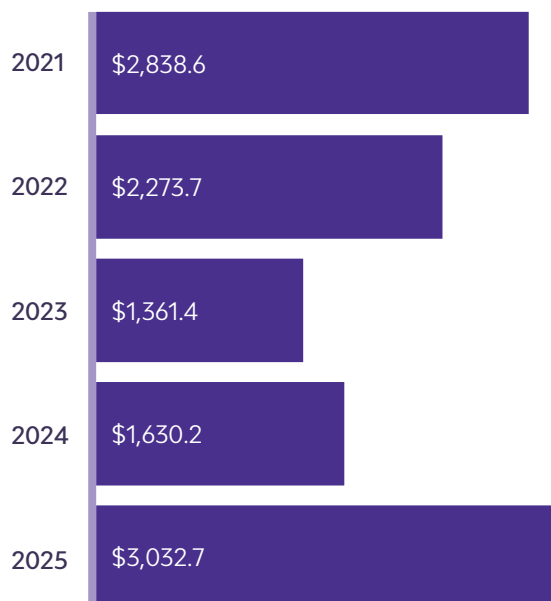
\$ Millions, FY 2021-2025



BIOSCIENCE VENTURE CAPITAL IN TEXAS

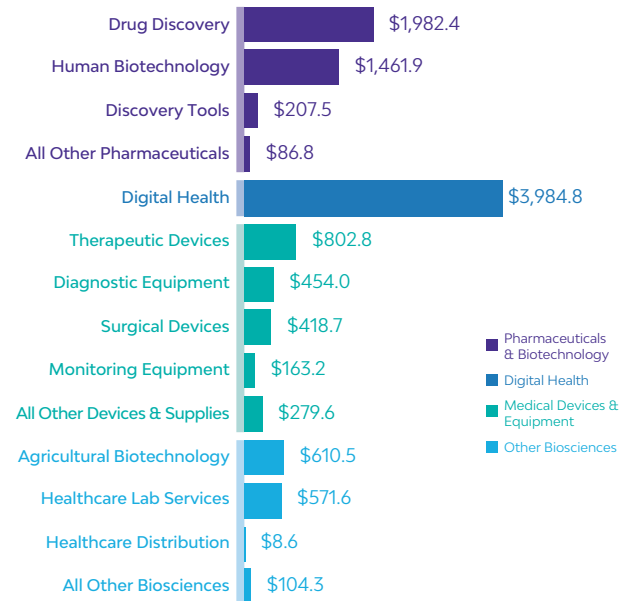
Bioscience-Related Venture Capital Investments

\$ Millions, 2021-2025



Bioscience-Related Venture Capital Investments by Segment

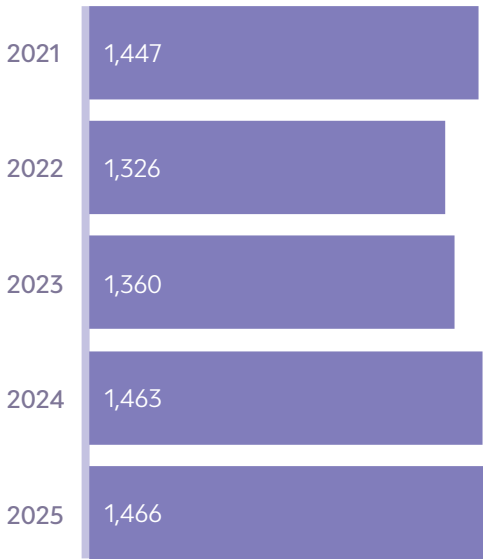
\$ Millions, 2021-2025



BIOSCIENCE PATENTS IN TEXAS

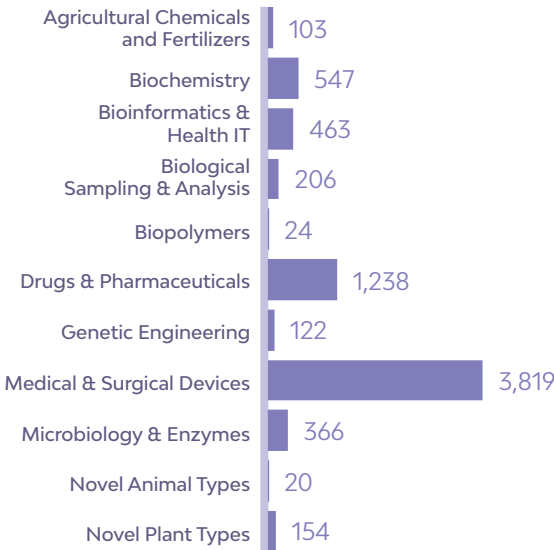
Bioscience-Related U.S. Patents

2021-2025



Bioscience-Related U.S. Patents by Segment

2021-2025



SOURCE NOTES

Employment, Establishments and Wages: U.S. Bureau of Labor Statistics, Quarterly Census of Employment and Wages (QCEW), enhanced by Lightcast (Datarun 2026.3).

Academic R&D Expenditures: National Science Foundation (NSF), National Center for Science and Engineering Statistics (NCSES), Higher Education Research and Development (HERD) Survey.

NIH Funding: National Institutes of Health, NIH Awards via the NIH RePORT portal.

Venture Capital: PitchBook Data, Inc.

Patents: U.S. Patent & Trademark Office data from the Clarivate Derwent Patent Search patent analysis database.

For a more detailed discussion of the data and methodology used, please see the Appendix to the full national report.