Connecticut



The U.S. Bioscience Economy:

Advancing Innovation and Strengthening States and Regions

Connecticut has a sizable bioscience employment base, totaling 25,348 jobs across 2,605 business establishments in 2025. Industry employment increased by 4.2 percent from 2021 through 2025. Connecticut's bioscience strengths include a specialized medical device industry. The medical devices and equipment subsector remains the largest component of the overall industry, with nearly 8,000 jobs and a location quotient of 1.67. Bioscience-related distribution contributed the largest employment gain, growing by 14.1 percent since 2021. Annual industry wages averaged $167,525, 80 percent higher than Connecticut's private sector average. State universities conducted nearly $1.6 billion in bioscience-related R&D in FY 2024, representing 82 percent of their science and engineering R&D expenditures. Connecticut institutions received $825.2 million in NIH funding in FY 2025. Per capita levels of both academic bioscience R&D and NIH funding exceeded twice the national averages. Venture capital investments in bioscience companies totaled $4.1 billion from 2021 through 2025.

BIOSCIENCE PERFORMANCE METRICS

Summary of State Performance in Selected Bioscience-related Metrics

METRIC		Connecticut	United States	Quintile
Bioscience Industry, 2025	Bioscience Industry Employment	25,348	2,312,617	III
	Bioscience Industry Location Quotient	1.00	n/a	II
	Bioscience Industry Establishments	2,605	156,463	III
Academic Bioscience R&D Expenditures, FY 2024	Bioscience R&D ($ thousands)	$1,596,798	$68,902,940	II
	Bioscience Share of Total R&D	82%	63%	I
	Bioscience R&D Per Capita	$435	$203	I
NIH Funding, FY 2025	Funding ($ thousands)	$825,214	$36,741,235	II
	Funding Per Capita	$224	$107	I
Bioscience Venture Capital, 2021-25	Investments ($ millions)	$4,113.45	$297,644	II
Bioscience-Related Patents, 2021-25	Total Patents	4,533	138,607	II

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.

Connecticut

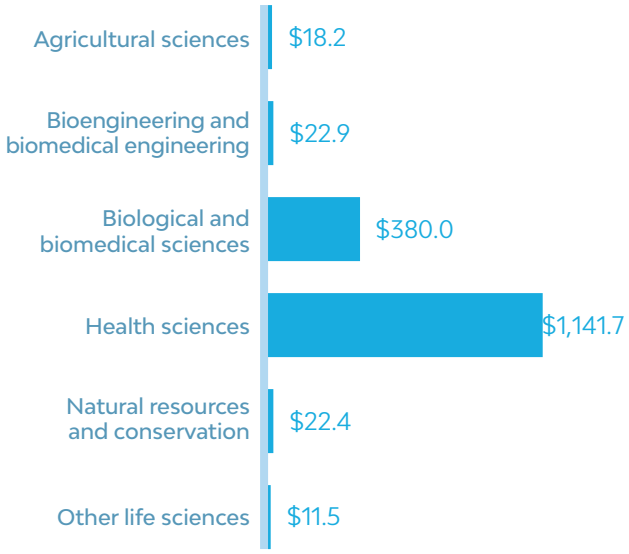
INDUSTRY SUBSECTOR		Connecticut 2025	Connecticut 2021–2025 Change	United States 2025	United States 2021–2025 Change
Agricultural Feedstock and Industrial Biosciences	Establishments	11	63.0%	2,158	10.7%
	Employment	156	-30.8%	71,331	2.2%
	Location Quotient	0.20		n/a	
	Average Annual Wage	$109,097	-11.0%	$105,506	14.7%
Bioscience-Related Distribution	Establishments	1,328	11.9%	68,949	10.0%
	Employment	7,129	14.1%	667,651	10.7%
	Location Quotient	0.97		n/a	
	Average Annual Wage	$194,072	30.2%	$144,792	19.0%
Medical Devices and Equipment	Establishments	124	5.8%	13,595	24.6%
	Employment	7,884	3.8%	430,363	1.9%
	Location Quotient	1.67		n/a	
	Average Annual Wage	$96,108	4.3%	$110,757	13.9%
Pharmaceuticals	Establishments	30	2.2%	7,880	31.0%
	Employment	2,715	-11.2%	363,904	5.4%
	Location Quotient	0.68		n/a	
	Average Annual Wage	$175,387	10.3%	$146,506	16.3%
Research, Testing, and Medical Laboratories	Establishments	1,112	61.4%	63,881	37.0%
	Employment	7,465	3.7%	779,368	8.1%
	Location Quotient	0.87		n/a	
	Average Annual Wage	$215,953	35.3%	$167,555	13.7%
Total Bioscience Industry	Establishments	2,605	28.4%	156,463	22.1%
	Employment	25,348	4.2%	2,312,617	7.0%
	Location Quotient	1.00		n/a	
	Average Annual Wage	$167,525	23.7%	$145,188	16.0%
Total Private Sector	Establishments	145,802	14.2%	11,985,043	12.5%
	Employment	1,467,966	6.5%	133,872,972	8.5%
	Location Quotient	1.00		n/a	
	Average Annual Wage	$92,971	18.0%	$78,863	16.3%

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

BIOSCIENCE RESEARCH IN CONNECTICUT

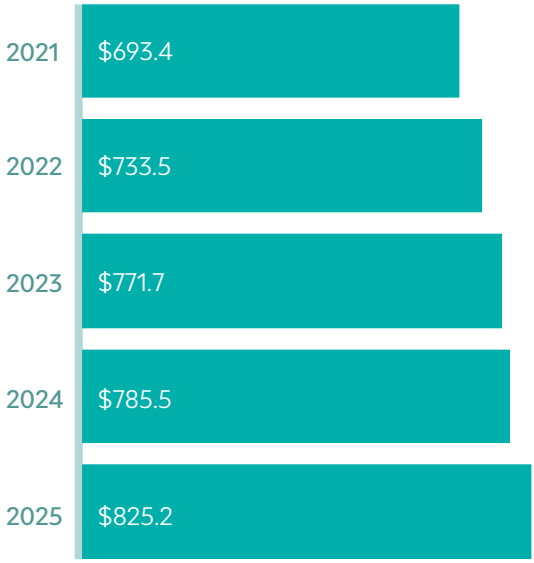
Bioscience Academic R&D Expenditures

$ Millions, FY 2024



NIH Awards

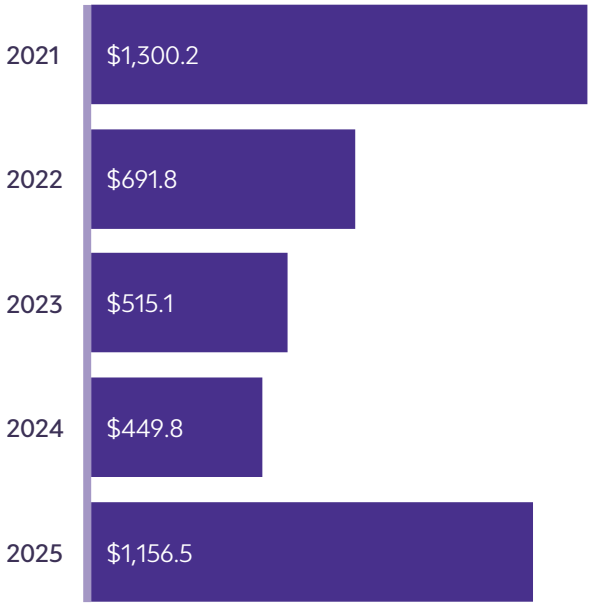
$ Millions, FY 2021-2025



BIOSCIENCE VENTURE CAPITAL IN CONNECTICUT

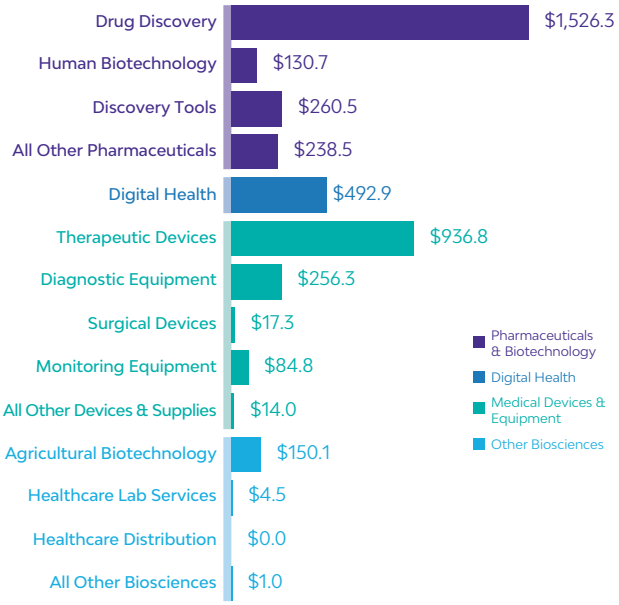
Bioscience-Related Venture Capital Investments

$ Millions, 2021-2025



Bioscience-Related Venture Capital Investments by Segment

$ Millions, 2021-2025

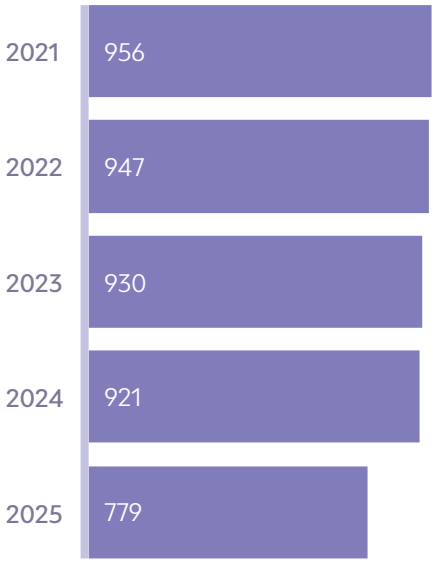


Connecticut

BIOSCIENCE PATENTS IN CONNECTICUT

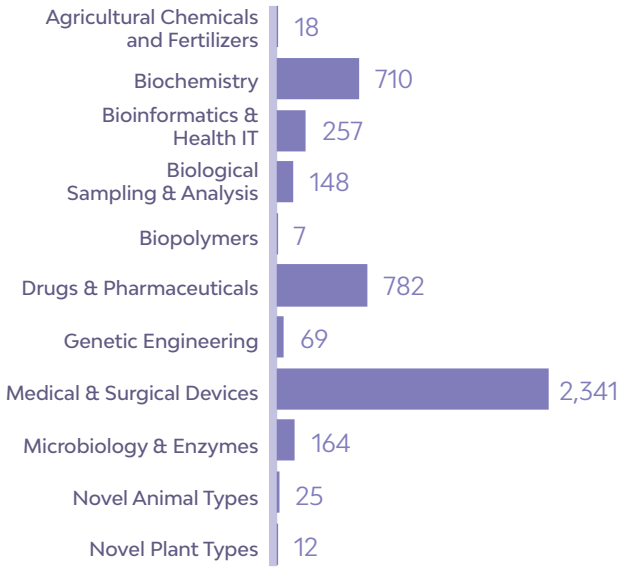
Bioscience-Related U.S. Patents

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.

TECONOMY PARTNERS LLC

Bio Biotechnology Innovation Organization

CSBA Council of State Bioscience Associations