New York



The U.S. Bioscience Economy:
Advancing Innovation and Strengthening States and Regions

New York has a large and growing bioscience industry. Industry employment totaled 118,906 jobs in 2025, with businesses operating 6,397 establishments statewide. Industry employment grew by 5.8 percent since 2021. Bioscience-related distribution recorded double-digit employment growth, while pharmaceuticals and research, testing, and medical laboratories also added jobs. Annual bioscience wages averaged $144,154, 43 percent above New York's private sector average. Bioscience-related R&D expenditures at state universities totaled $6.4 billion in FY 2024, and institutions received $3.5 billion in NIH funding in FY 2025. Venture capital investments in state bioscience companies totaled $27.3 billion from 2021 through 2025, and New York inventors were affiliated with 9,620 bioscience-related patents. The state continues to rank among the top quintile of states in each of these four research and innovation measures.

BIOSCIENCE PERFORMANCE METRICS

Summary of State Performance in Selected Bioscience-related Metrics

METRIC		New York	United States	Quintile
Bioscience Industry, 2025	Bioscience Industry Employment	118,906	2,312,617	I
	Bioscience Industry Location Quotient	0.82	n/a	III
	Bioscience Industry Establishments	6,397	156,463	I
Academic Bioscience R&D Expenditures, FY 2024	Bioscience R&D ($ thousands)	$6,433,820	$68,902,940	I
	Bioscience Share of Total R&D	71%	63%	II
	Bioscience R&D Per Capita	$322	$203	I
NIH Funding, FY 2025	Funding ($ thousands)	$3,504,597	$36,741,235	I
	Funding Per Capita	$175	$107	I
Bioscience Venture Capital, 2021-25	Investments ($ millions)	$27,280.31	$297,644	I
Bioscience-Related Patents, 2021-25	Total Patents	9,620	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.

New York

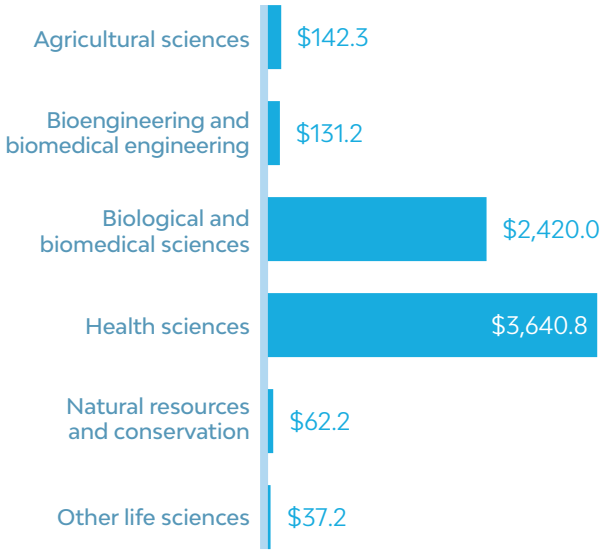
INDUSTRY SUBSECTOR		New York 2025	New York 2021–2025 Change	United States 2025	United States 2021–2025 Change
Agricultural Feedstock and Industrial Biosciences	Establishments	50	42.1%	2,158	10.7%
	Employment	722	-13.3%	71,331	2.2%
	Location Quotient	0.16		n/a	
	Average Annual Wage	$82,513	6.1%	$105,506	14.7%
Bioscience-Related Distribution	Establishments	2,844	4.3%	68,949	10.0%
	Employment	36,342	14.1%	667,651	10.7%
	Location Quotient	0.87		n/a	
	Average Annual Wage	$154,412	17.8%	$144,792	19.0%
Medical Devices and Equipment	Establishments	547	31.8%	13,595	24.6%
	Employment	13,432	-1.7%	430,363	1.9%
	Location Quotient	0.50		n/a	
	Average Annual Wage	$95,481	17.9%	$110,757	13.9%
Pharmaceuticals	Establishments	367	47.3%	7,880	31.0%
	Employment	25,092	4.3%	363,904	5.4%
	Location Quotient	1.10		n/a	
	Average Annual Wage	$106,765	11.5%	$146,506	16.3%
Research, Testing, and Medical Laboratories	Establishments	2,590	32.3%	63,881	37.0%
	Employment	43,318	3.1%	779,368	8.1%
	Location Quotient	0.89		n/a	
	Average Annual Wage	$173,325	8.6%	$167,555	13.7%
Total Bioscience Industry	Establishments	6,397	18.9%	156,463	22.1%
	Employment	118,906	5.8%	2,312,617	7.0%
	Location Quotient	0.82		n/a	
	Average Annual Wage	$144,154	12.9%	$145,188	16.0%
Total Private Sector	Establishments	699,442	8.4%	11,985,043	12.5%
	Employment	8,365,381	12.1%	133,872,972	8.5%
	Location Quotient	1.00		n/a	
	Average Annual Wage	$100,946	12.8%	$78,863	16.3%

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

BIOSCIENCE RESEARCH IN NEW YORK

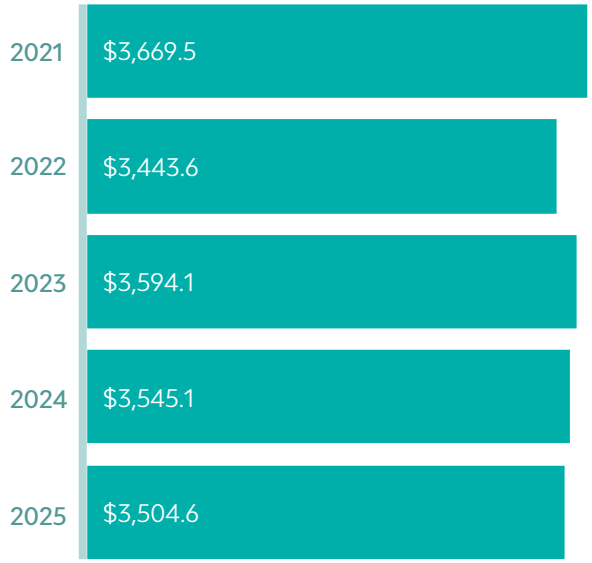
Bioscience Academic R&D Expenditures

$ Millions, FY 2024



NIH Awards

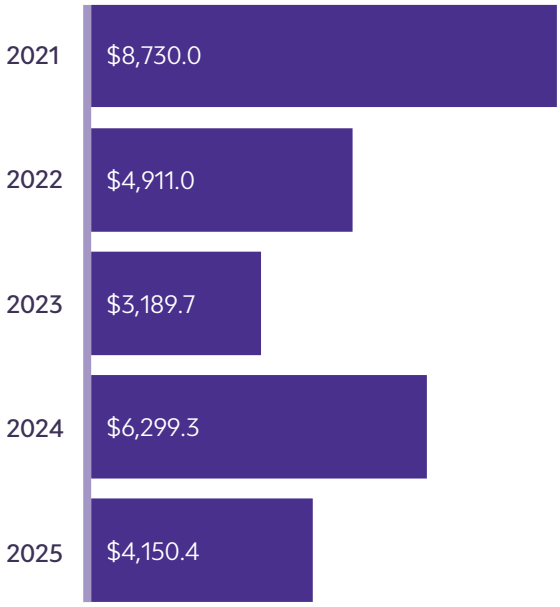
$ Millions, FY 2021-2025



BIOSCIENCE VENTURE CAPITAL IN NEW YORK

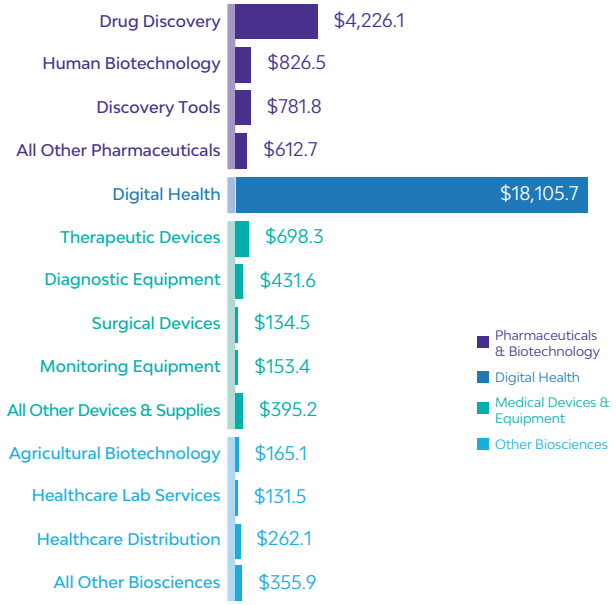
Bioscience-Related Venture Capital Investments

$ Millions, 2021-2025



Bioscience-Related Venture Capital Investments by Segment

$ Millions, 2021-2025

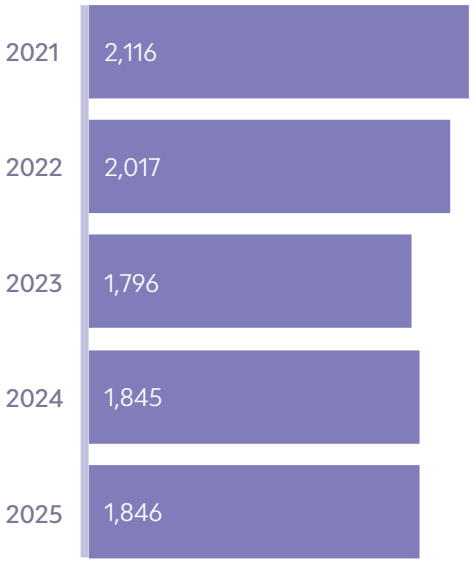


New York

BIOSCIENCE PATENTS IN NEW YORK

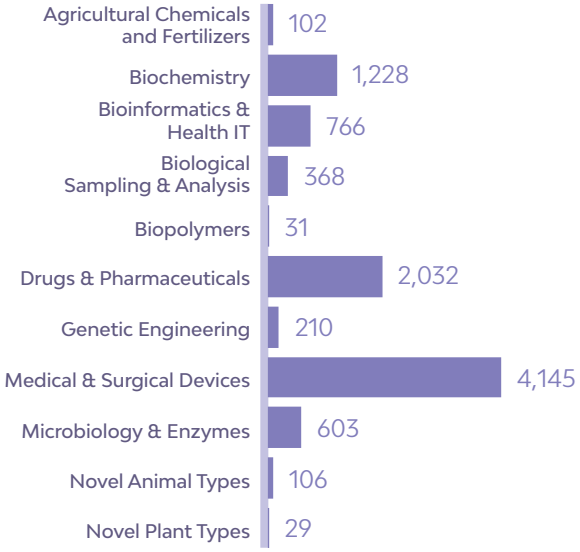
Bioscience-Related U.S. Patents

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