New Jersey



The U.S. Bioscience Economy:

Advancing Innovation and Strengthening States and Regions

New Jersey's large bioscience industry remains highly concentrated, with 111,497 jobs across 4,957 business establishments in 2025. Specialized employment concentrations span pharmaceuticals, distribution, and research, testing, and medical laboratories. Pharmaceutical employment is nearly three times as concentrated as nationally, while the overall industry's concentration is 74 percent above the national average. The research, testing, and medical laboratories subsector remains the industry's largest. Bioscience industry employment increased by 5.6 percent from 2021, with double-digit gains in pharmaceuticals and distribution more than offsetting declines in other subsectors. Annual bioscience wages averaged $188,939, 118 percent higher than New Jersey's private sector average. Venture capital investments in state bioscience companies totaled nearly $4.6 billion from 2021 through 2025, and New Jersey inventors were affiliated with 8,489 bioscience-related patents. Universities conducted $890.3 million in bioscience-related R&D in FY 2024, while institutions received $469.2 million in NIH funding in FY 2025.

BIOSCIENCE PERFORMANCE METRICS

Summary of State Performance in Selected Bioscience-related Metrics

METRIC		New Jersey	United States	Quintile
Bioscience Industry, 2025	Bioscience Industry Employment	111,497	2,312,617	I
	Bioscience Industry Location Quotient	1.74	n/a	I
	Bioscience Industry Establishments	4,957	156,463	I
Academic Bioscience R&D Expenditures, FY 2024	Bioscience R&D ($ thousands)	$890,308	$68,902,940	III
	Bioscience Share of Total R&D	52%	63%	IV
	Bioscience R&D Per Capita	$94	$203	V
NIH Funding, FY 2025	Funding ($ thousands)	$469,225	$36,741,235	II
	Funding Per Capita	$49	$107	IV
Bioscience Venture Capital, 2021-25	Investments ($ millions)	$4,560.21	$297,644	II
Bioscience-Related Patents, 2021-25	Total Patents	8,489	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 Jersey

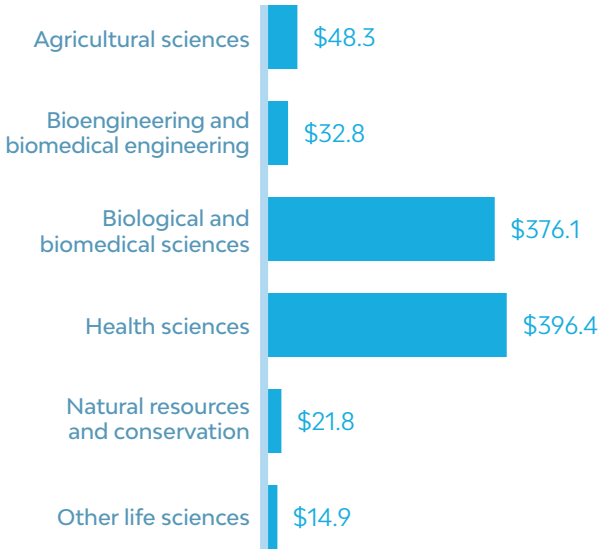
INDUSTRY SUBSECTOR		New Jersey 2025	New Jersey 2021–2025 Change	United States 2025	United States 2021–2025 Change
Agricultural Feedstock and Industrial Biosciences	Establishments	26	12.9%	2,158	10.7%
	Employment	449	-6.3%	71,331	2.2%
	Location Quotient	0.23		n/a	
	Average Annual Wage	$97,177	32.6%	$105,506	14.7%
Bioscience-Related Distribution	Establishments	1,766	-1.3%	68,949	10.0%
	Employment	29,108	13.8%	667,651	10.7%
	Location Quotient	1.58		n/a	
	Average Annual Wage	$188,308	21.3%	$144,792	19.0%
Medical Devices and Equipment	Establishments	401	1.8%	13,595	24.6%
	Employment	12,665	-2.8%	430,363	1.9%
	Location Quotient	1.06		n/a	
	Average Annual Wage	$140,604	16.6%	$110,757	13.9%
Pharmaceuticals	Establishments	470	24.0%	7,880	31.0%
	Employment	30,058	17.4%	363,904	5.4%
	Location Quotient	2.99		n/a	
	Average Annual Wage	$209,868	22.3%	$146,506	16.3%
Research, Testing, and Medical Laboratories	Establishments	2,294	21.7%	63,881	37.0%
	Employment	39,217	-4.0%	779,368	8.1%
	Location Quotient	1.82		n/a	
	Average Annual Wage	$190,028	3.8%	$167,555	13.7%
Total Bioscience Industry	Establishments	4,957	10.9%	156,463	22.1%
	Employment	111,497	5.6%	2,312,617	7.0%
	Location Quotient	1.74		n/a	
	Average Annual Wage	$188,939	14.3%	$145,188	16.0%
Total Private Sector	Establishments	326,596	12.1%	11,985,043	12.5%
	Employment	3,703,714	9.4%	133,872,972	8.5%
	Location Quotient	1.00		n/a	
	Average Annual Wage	$86,713	13.2%	$78,863	16.3%

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

BIOSCIENCE RESEARCH IN NEW JERSEY

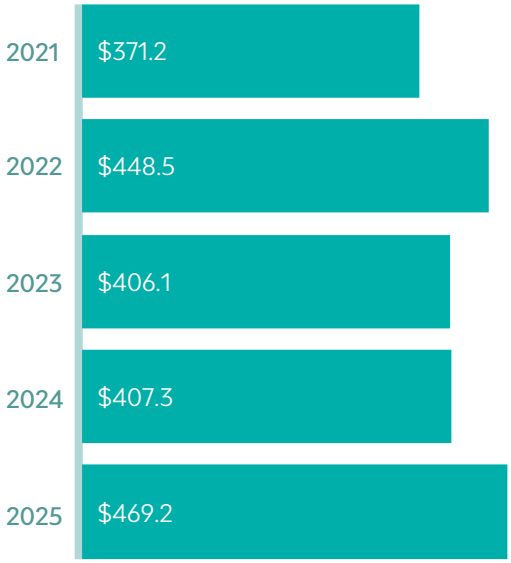
Bioscience Academic R&D Expenditures

$ Millions, FY 2024



NIH Awards

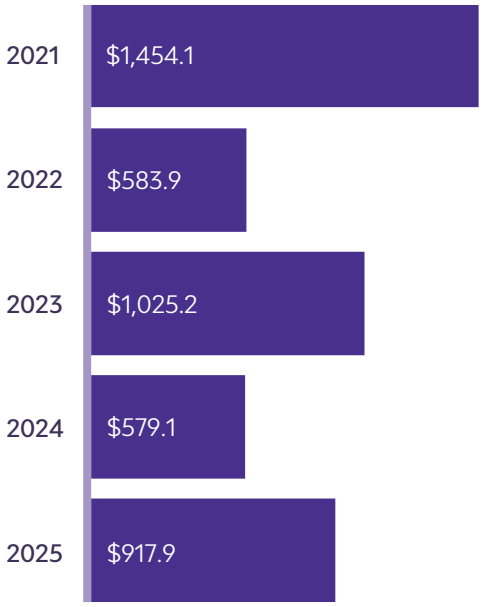
$ Millions, FY 2021-2025



BIOSCIENCE VENTURE CAPITAL IN NEW JERSEY

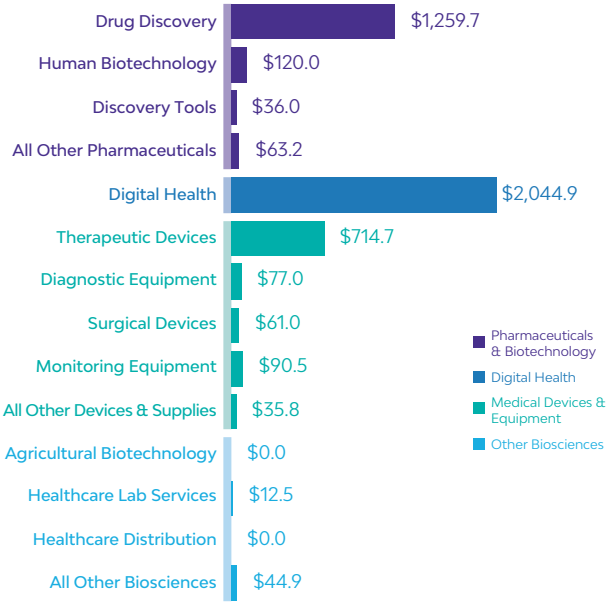
Bioscience-Related Venture Capital Investments

$ Millions, 2021-2025



Bioscience-Related Venture Capital Investments by Segment

$ Millions, 2021-2025

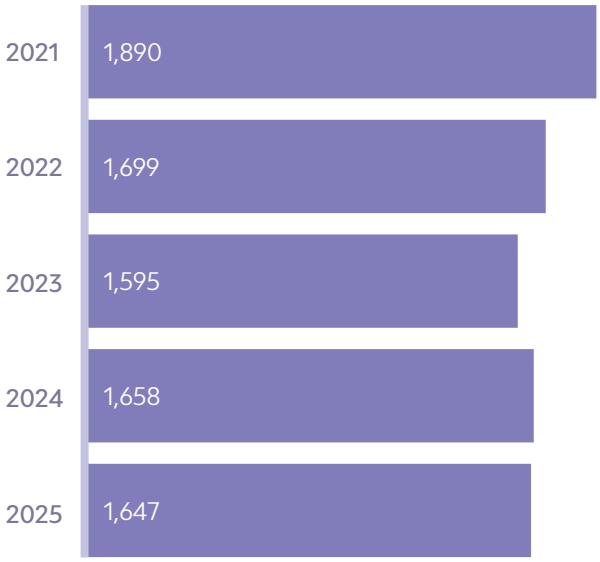


New Jersey

BIOSCIENCE PATENTS IN NEW JERSEY

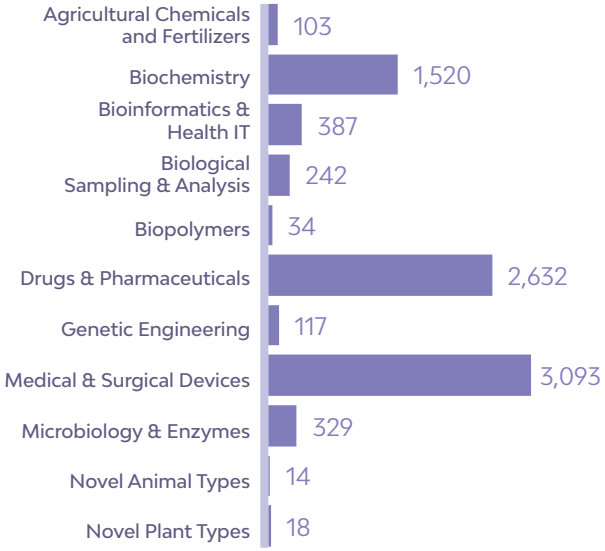
Bioscience-Related U.S. Patents

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