Rhode Island



The U.S. Bioscience Economy:

Advancing Innovation and Strengthening States and Regions

Rhode Island bioscience employers account for 5,969 jobs across 982 business establishments in 2025. The medical devices and equipment subsector remains the largest and most specialized component of the bioscience industry, with a location quotient of 1.25. Total bioscience industry employment was modestly lower than in 2021, declining by 1.7 percent, as growth of 38.2 percent in research, testing, and medical laboratories and 11.4 percent in distribution partly offset declines in other subsectors. Average annual bioscience wages were $132,200, 91 percent above Rhode Island's private sector average. State universities conducted $243.3 million in bioscience-related R&D in FY 2024, and institutions received $241.3 million in NIH funding in FY 2025. On a per capita basis, NIH funding was approximately twice the national average, placing Rhode Island among the top quintile of states.

BIOSCIENCE PERFORMANCE METRICS

Summary of State Performance in Selected Bioscience-related Metrics

METRIC		Rhode Island	United States	Quintile
Bioscience Industry, 2025	Bioscience Industry Employment	5,969	2,312,617	V
	Bioscience Industry Location Quotient	0.79	n/a	III
	Bioscience Industry Establishments	982	156,463	IV
Academic Bioscience R&D Expenditures, FY 2024	Bioscience R&D ($ thousands)	$243,305	$68,902,940	IV
	Bioscience Share of Total R&D	49%	63%	IV
	Bioscience R&D Per Capita	$219	$203	II
NIH Funding, FY 2025	Funding ($ thousands)	$241,265	$36,741,235	III
	Funding Per Capita	$216	$107	I
Bioscience Venture Capital, 2021-25	Investments ($ millions)	$252.32	$297,644	IV
Bioscience-Related Patents, 2021-25	Total Patents	1,026	138,607	III

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.

Rhode Island

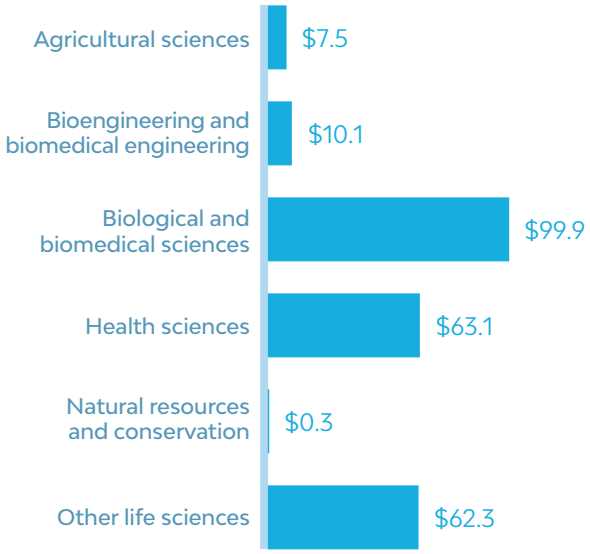
INDUSTRY SUBSECTOR		Rhode Island 2025	Rhode Island 2021–2025 Change	United States 2025	United States 2021–2025 Change
Agricultural Feedstock and Industrial Biosciences	Establishments	1	0.3%	2,158	10.7%
	Employment	4	-15.5%	71,331	2.2%
	Location Quotient	0.02		n/a	
	Average Annual Wage	$65,057	31.6%	$105,506	14.7%
Bioscience-Related Distribution	Establishments	511	42.5%	68,949	10.0%
	Employment	1,624	11.4%	667,651	10.7%
	Location Quotient	0.74		n/a	
	Average Annual Wage	$142,975	23.0%	$144,792	19.0%
Medical Devices and Equipment	Establishments	49	-11.3%	13,595	24.6%
	Employment	1,757	-24.6%	430,363	1.9%
	Location Quotient	1.25		n/a	
	Average Annual Wage	$71,602	12.1%	$110,757	13.9%
Pharmaceuticals	Establishments	20	-22.1%	7,880	31.0%
	Employment	1,257	-4.8%	363,904	5.4%
	Location Quotient	1.06		n/a	
	Average Annual Wage	$140,259	20.3%	$146,506	16.3%
Research, Testing, and Medical Laboratories	Establishments	400	72.1%	63,881	37.0%
	Employment	1,326	38.2%	779,368	8.1%
	Location Quotient	0.52		n/a	
	Average Annual Wage	$191,863	104.8%	$167,555	13.7%
Total Bioscience Industry	Establishments	982	45.7%	156,463	22.1%
	Employment	5,969	-1.7%	2,312,617	7.0%
	Location Quotient	0.79		n/a	
	Average Annual Wage	$132,200	42.7%	$145,188	16.0%
Total Private Sector	Establishments	48,464	14.8%	11,985,043	12.5%
	Employment	437,970	8.3%	133,872,972	8.5%
	Location Quotient	1.00		n/a	
	Average Annual Wage	$69,365	14.3%	$78,863	16.3%

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

BIOSCIENCE RESEARCH IN RHODE ISLAND

Bioscience Academic R&D Expenditures

$ Millions, FY 2024



NIH Awards

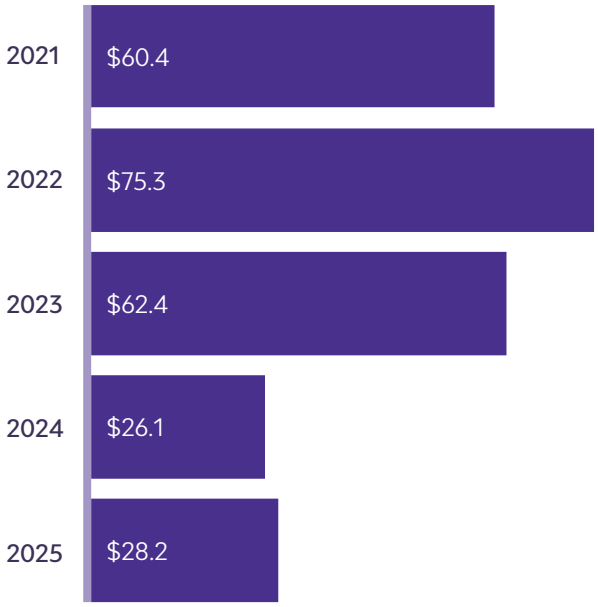
$ Millions, FY 2021-2025



BIOSCIENCE VENTURE CAPITAL IN RHODE ISLAND

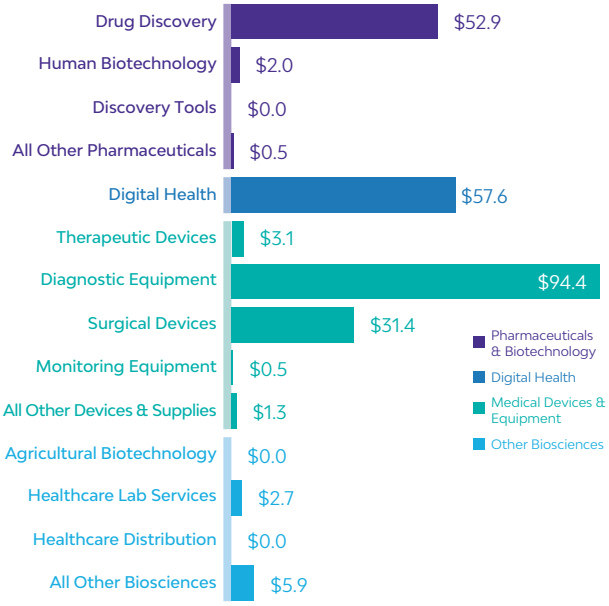
Bioscience-Related Venture Capital Investments

$ Millions, 2021-2025



Bioscience-Related Venture Capital Investments by Segment

$ Millions, 2021-2025

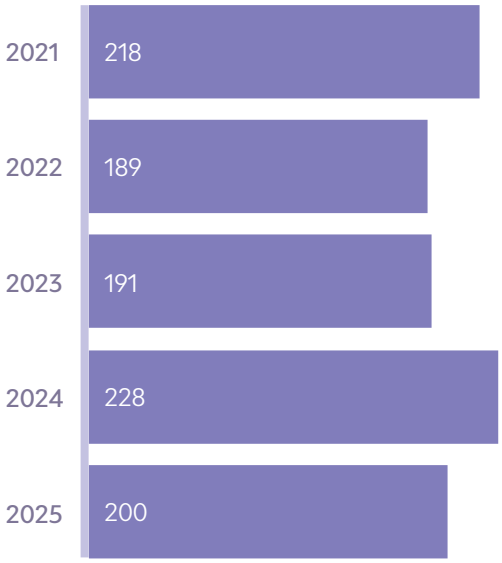


Rhode Island

BIOSCIENCE PATENTS IN RHODE ISLAND

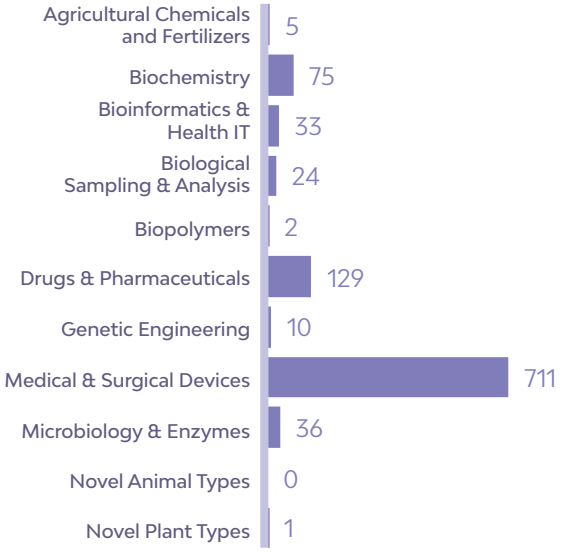
Bioscience-Related U.S. Patents

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