Alaska



The U.S. Bioscience Economy:

Advancing Innovation and Strengthening States and Regions

Alaska has a modest presence in the biosciences, with 1,078 industry jobs across 210 business establishments in 2025. The research, testing, and medical laboratories subsector remains the largest component of Alaska's bioscience industry, accounting for nearly 59 percent of its employment. Although employment declined by 9.3 percent from 2021, bioscience jobs continue to offer wages significantly above the state's private sector average. Average annual industry wages were $91,346, a premium of 22 percent. Alaska's research universities conducted $55.6 million in bioscience-related R&D in FY 2024, while state institutions received $16.3 million in NIH funding in FY 2025.

BIOSCIENCE PERFORMANCE METRICS

Summary of State Performance in Selected Bioscience-related Metrics

METRIC		Alaska	United States	Quintile
Bioscience Industry, 2025	Bioscience Industry Employment	1,078	2,312,617	V
	Bioscience Industry Location Quotient	0.24	n/a	V
	Bioscience Industry Establishments	210	156,463	V
Academic Bioscience R&D Expenditures, FY 2024	Bioscience R&D ($ thousands)	$55,616	$68,902,940	V
	Bioscience Share of Total R&D	20%	63%	V
	Bioscience R&D Per Capita	$76	$203	V
NIH Funding, FY 2025	Funding ($ thousands)	$16,328	$36,741,235	V
	Funding Per Capita	$22	$107	V
Bioscience Venture Capital, 2021-25	Investments ($ millions)	$1.27	$297,644	V
Bioscience-Related Patents, 2021-25	Total Patents	55	138,607	V

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.

Alaska

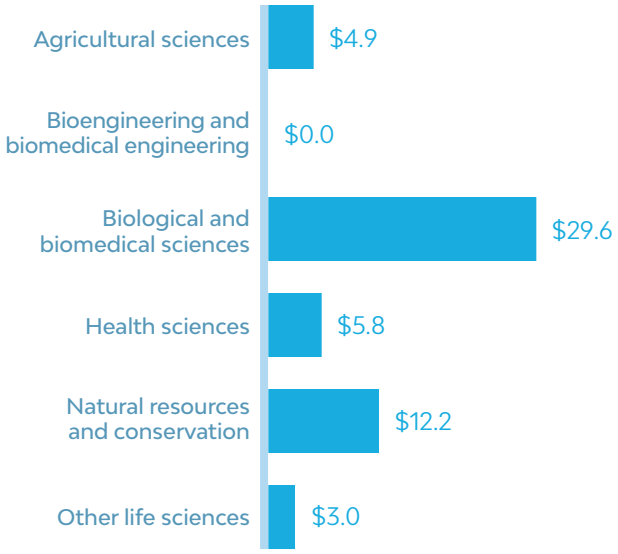
INDUSTRY SUBSECTOR		Alaska 2025	Alaska 2021–2025 Change	United States 2025	United States 2021–2025 Change
Agricultural Feedstock and Industrial Biosciences	Establishments	1	0.0%	2,158	10.7%
	Employment	1	-77.0%	71,331	2.2%
	Location Quotient	0.00		n/a	
	Average Annual Wage	$103,695	49.5%	$105,506	14.7%
Bioscience-Related Distribution	Establishments	96	7.3%	68,949	10.0%
	Employment	364	-8.5%	667,651	10.7%
	Location Quotient	0.28		n/a	
	Average Annual Wage	$117,062	31.1%	$144,792	19.0%
Medical Devices and Equipment	Establishments	14	-21.1%	13,595	24.6%
	Employment	59	-28.9%	430,363	1.9%
	Location Quotient	0.07		n/a	
	Average Annual Wage	$86,424	-6.8%	$110,757	13.9%
Pharmaceuticals	Establishments	7	61.1%	7,880	31.0%
	Employment	20	16.4%	363,904	5.4%
	Location Quotient	0.03		n/a	
	Average Annual Wage	$62,305	3.2%	$146,506	16.3%
Research, Testing, and Medical Laboratories	Establishments	91	55.4%	63,881	37.0%
	Employment	635	-7.9%	779,368	8.1%
	Location Quotient	0.42		n/a	
	Average Annual Wage	$77,970	25.2%	$167,555	13.7%
Total Bioscience Industry	Establishments	210	22.1%	156,463	22.1%
	Employment	1,078	-9.3%	2,312,617	7.0%
	Location Quotient	0.24		n/a	
	Average Annual Wage	$91,346	24.4%	$145,188	16.0%
Total Private Sector	Establishments	23,528	9.7%	11,985,043	12.5%
	Employment	257,756	10.9%	133,872,972	8.5%
	Location Quotient	1.00		n/a	
	Average Annual Wage	$75,127	21.5%	$78,863	16.3%

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

BIOSCIENCE RESEARCH IN ALASKA

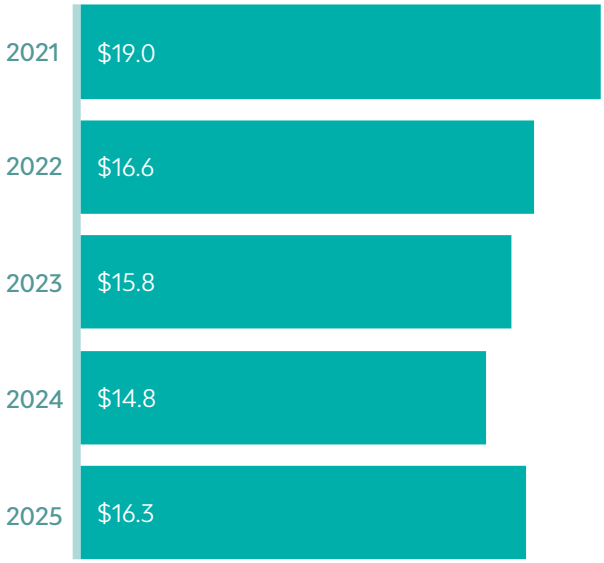
Bioscience Academic R&D Expenditures

$ Millions, FY 2024



NIH Awards

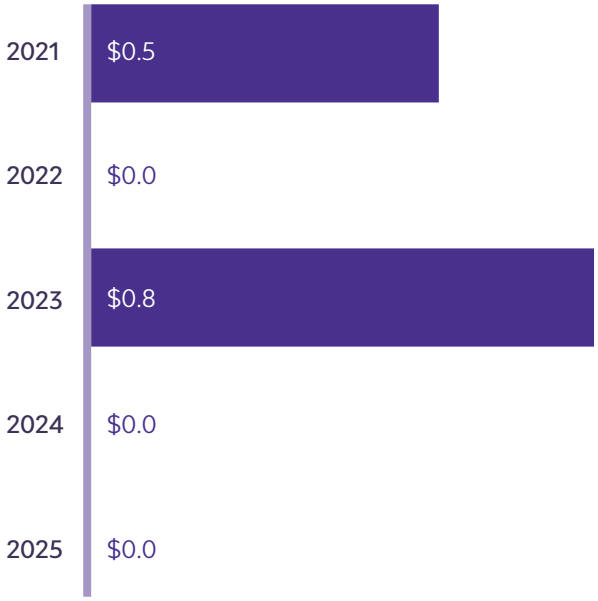
$ Millions, FY 2021-2025



BIOSCIENCE VENTURE CAPITAL IN ALASKA

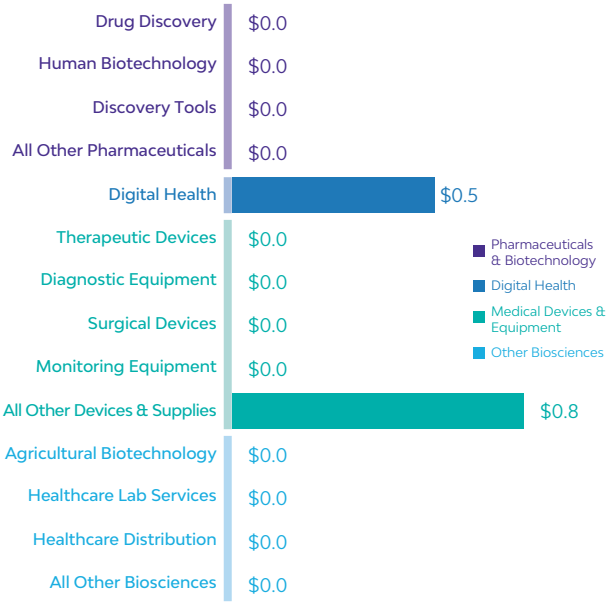
Bioscience-Related Venture Capital Investments

$ Millions, 2021-2025



Bioscience-Related Venture Capital Investments by Segment

$ Millions, 2021-2025

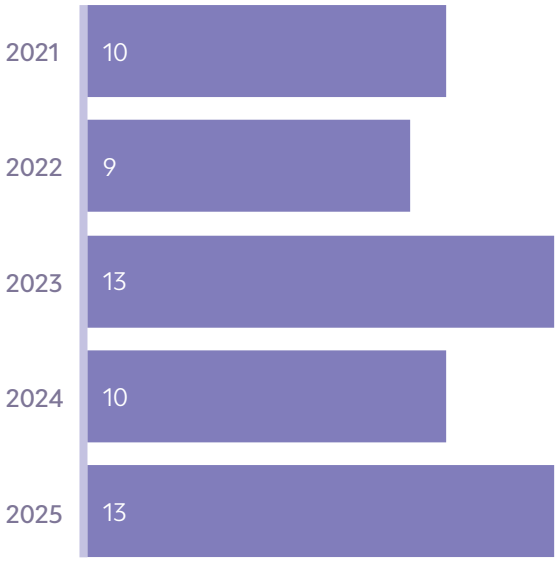


Alaska

BIOSCIENCE PATENTS IN ALASKA

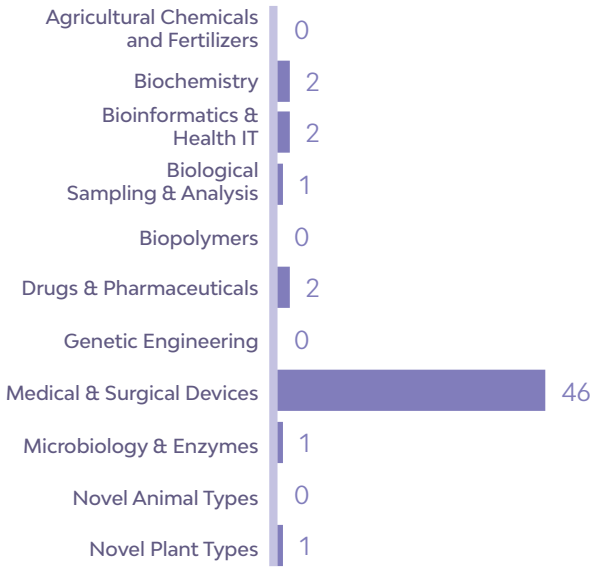
Bioscience-Related U.S. Patents

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