Utah

The U.S. Bioscience Economy:

Advancing Innovation and Strengthening States and Regions

Utah has a highly concentrated bioscience employment base with diverse strengths. The industry accounted for 40,885 jobs in 2025, spanning 2,127 state business establishments. Utah's maintains specialized employment concentrations in medical devices and equipment, pharmaceuticals, and research, testing, and medical laboratories. Medical device employment is nearly three times as concentrated as nationally, while pharmaceuticals is almost twice as concentrated. Bioscience industry employment increased modestly by 0.7 percent from 2021, as growth in four subsectors offset a decline in medical devices. Research, testing, and medical labs employment expanded by 10.5 percent. Average annual industry wages were $94,991, 36 percent higher than Utah's private sector average. State universities conducted $604.3 million in bioscience-related R&D in FY 2024, and institutions received $300.2 million in NIH funding in FY 2025. Venture capital investments in Utah bioscience companies totaled $1.8 billion from 2021 through 2025.

BIOSCIENCE PERFORMANCE METRICS

Summary of State Performance in Selected Bioscience-related Metrics

METRIC		Utah	United States	Quintile
Bioscience Industry, 2025	Bioscience Industry Employment	40,885	2,312,617	II
	Bioscience Industry Location Quotient	1.61	n/a	I
	Bioscience Industry Establishments	2,127	156,463	III
Academic Bioscience R&D Expenditures, FY 2024	Bioscience R&D ($ thousands)	$604,262	$68,902,940	III
	Bioscience Share of Total R&D	48%	63%	IV
	Bioscience R&D Per Capita	$172	$203	III
NIH Funding, FY 2025	Funding ($ thousands)	$300,160	$36,741,235	III
	Funding Per Capita	$85	$107	III
Bioscience Venture Capital, 2021-25	Investments ($ millions)	$1,797.48	$297,644	II
Bioscience-Related Patents, 2021-25	Total Patents	2,478	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.

Utah

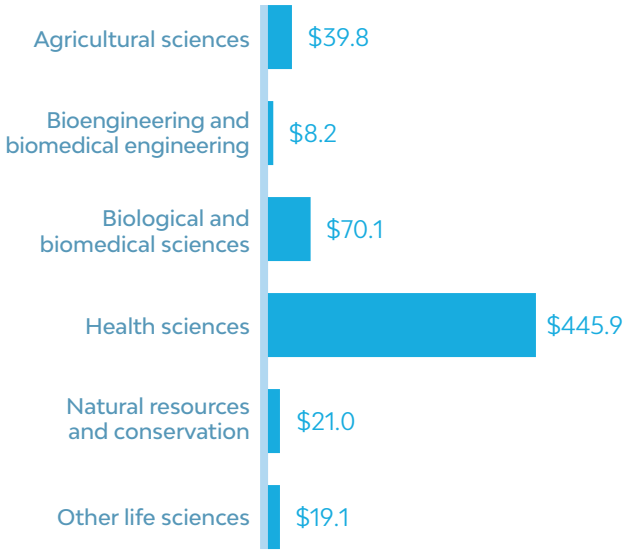
INDUSTRY SUBSECTOR		Utah		United States	
		2025	2021–2025 Change	2025	2021–2025 Change
Agricultural Feedstock and Industrial Biosciences	Establishments	15	-1.6%	2,158	10.7%
	Employment	73	0.6%	71,331	2.2%
	Location Quotient	0.09		n/a	
	Average Annual Wage	$85,854	31.5%	$105,506	14.7%
Bioscience-Related Distribution	Establishments	808	-10.1%	68,949	10.0%
	Employment	7,263	6.7%	667,651	10.7%
	Location Quotient	0.99		n/a	
	Average Annual Wage	$122,169	11.7%	$144,792	19.0%
Medical Devices and Equipment	Establishments	310	46.9%	13,595	24.6%
	Employment	13,085	-10.1%	430,363	1.9%
	Location Quotient	2.76		n/a	
	Average Annual Wage	$85,821	17.5%	$110,757	13.9%
Pharmaceuticals	Establishments	214	40.0%	7,880	31.0%
	Employment	7,842	1.2%	363,904	5.4%
	Location Quotient	1.96		n/a	
	Average Annual Wage	$71,654	12.5%	$146,506	16.3%
Research, Testing, and Medical Laboratories	Establishments	780	37.4%	63,881	37.0%
	Employment	12,622	10.5%	779,368	8.1%
	Location Quotient	1.47		n/a	
	Average Annual Wage	$103,412	19.7%	$167,555	13.7%
Total Bioscience Industry	Establishments	2,127	15.2%	156,463	22.1%
	Employment	40,885	0.7%	2,312,617	7.0%
	Location Quotient	1.61		n/a	
	Average Annual Wage	$94,991	17.2%	$145,188	16.0%
Total Private Sector	Establishments	137,332	17.0%	11,985,043	12.5%
	Employment	1,472,901	9.6%	133,872,972	8.5%
	Location Quotient	1.00		n/a	
	Average Annual Wage	$69,809	19.7%	$78,863	16.3%

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

BIOSCIENCE RESEARCH IN UTAH

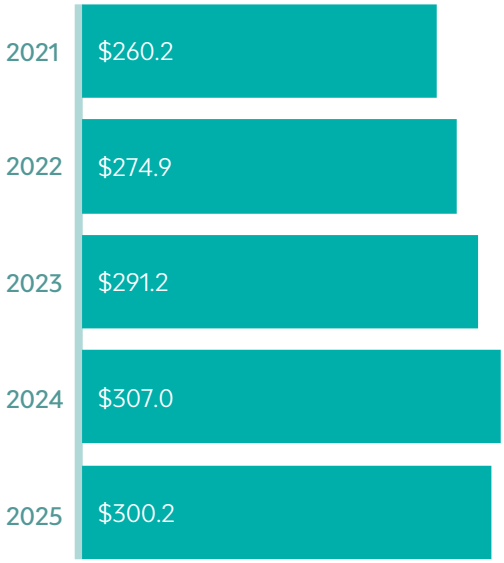
Bioscience Academic R&D Expenditures

$ Millions, FY 2024



NIH Awards

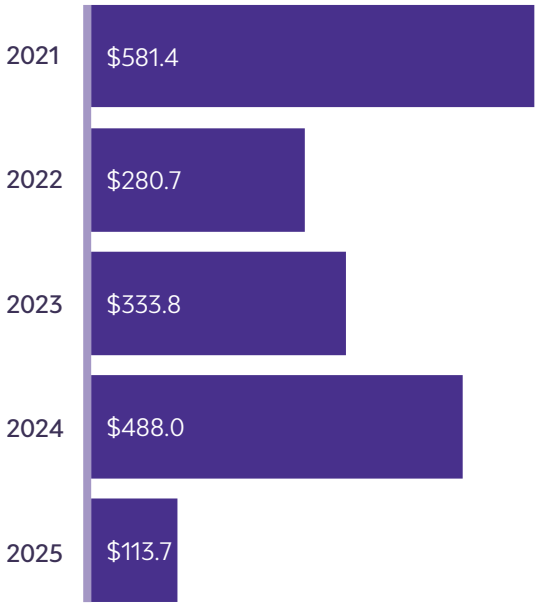
$ Millions, FY 2021-2025



BIOSCIENCE VENTURE CAPITAL IN UTAH

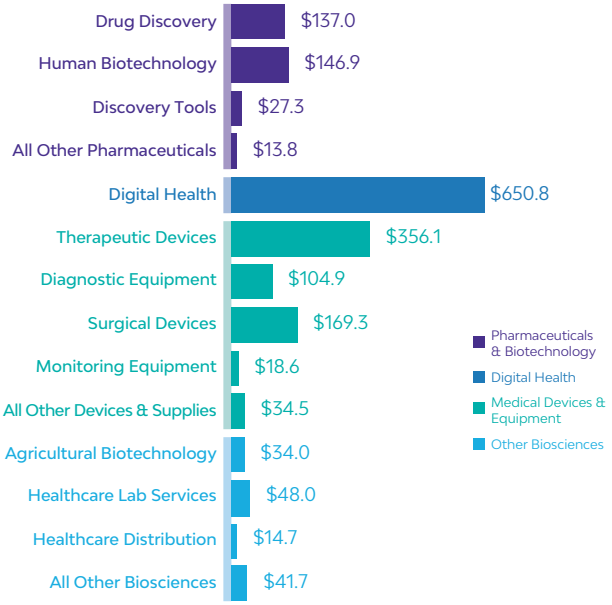
Bioscience-Related Venture Capital Investments

$ Millions, 2021-2025



Bioscience-Related Venture Capital Investments by Segment

$ Millions, 2021-2025

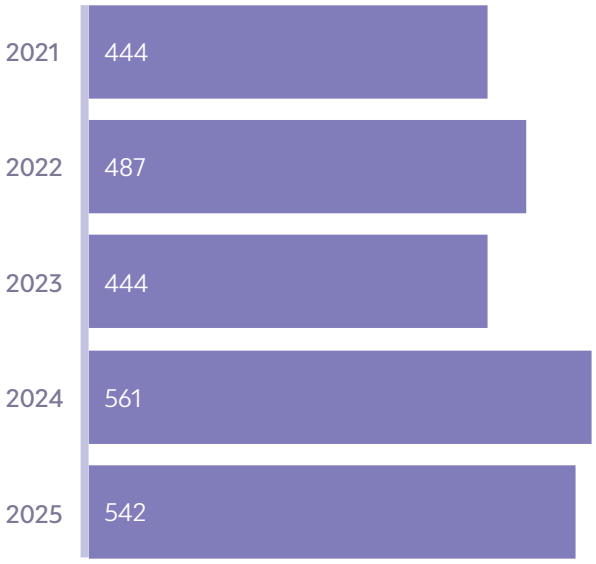


Utah

BIOSCIENCE PATENTS IN UTAH

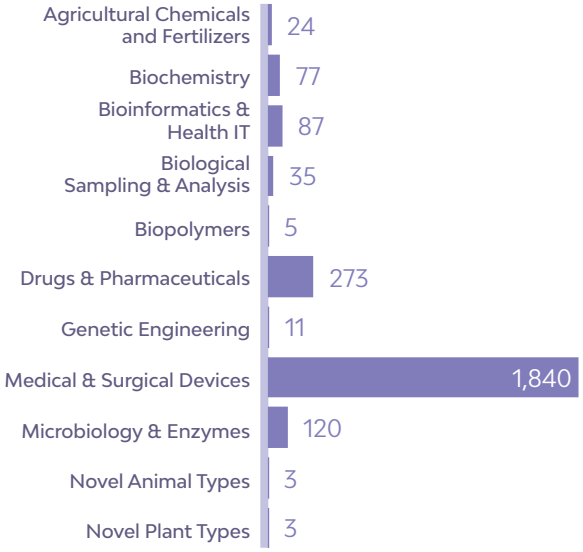
Bioscience-Related U.S. Patents

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