Washington



The U.S. Bioscience Economy:

Advancing Innovation and Strengthening States and Regions

Washington's sizable bioscience industry continues to grow faster than the nation, increasing its employment base by 11.0 percent since 2021, significantly outpacing national growth. By 2025, industry employment reached 48,716 jobs across 3,621 business establishments. Washington's bioscience growth continues to be supported by its specialized research and laboratory employment base. The research, testing, and medical laboratories subsector accounts for just over half of industry employment, with a location quotient of 1.43, and expanded by 16.1 percent from 2021 through 2025. Pharmaceuticals and distribution also contributed to the gains. Annual bioscience wages averaged $146,807, 44 percent higher than Washington's private sector average. Bioscience-related R&D expenditures at state universities totaled $1.4 billion in FY 2024, while institutions received nearly $1.3 billion in NIH funding in FY 2025. Venture capital investments in Washington bioscience companies totaled $6.3 billion from 2021 through 2025, and state inventors were affiliated with 4,565 bioscience-related patents.

BIOSCIENCE PERFORMANCE METRICS

Summary of State Performance in Selected Bioscience-related Metrics

METRIC		Washington	United States	Quintile
Bioscience Industry, 2025	Bioscience Industry Employment	48,716	2,312,617	II
	Bioscience Industry Location Quotient	0.94	n/a	III
	Bioscience Industry Establishments	3,621	156,463	II
Academic Bioscience R&D Expenditures, FY 2024	Bioscience R&D ($ thousands)	$1,393,141	$68,902,940	II
	Bioscience Share of Total R&D	69%	63%	II
	Bioscience R&D Per Capita	$176	$203	III
NIH Funding, FY 2025	Funding ($ thousands)	$1,263,292	$36,741,235	I
	Funding Per Capita	$158	$107	I
Bioscience Venture Capital, 2021-25	Investments ($ millions)	$6,281.37	$297,644	I
Bioscience-Related Patents, 2021-25	Total Patents	4,565	138,607	II

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.

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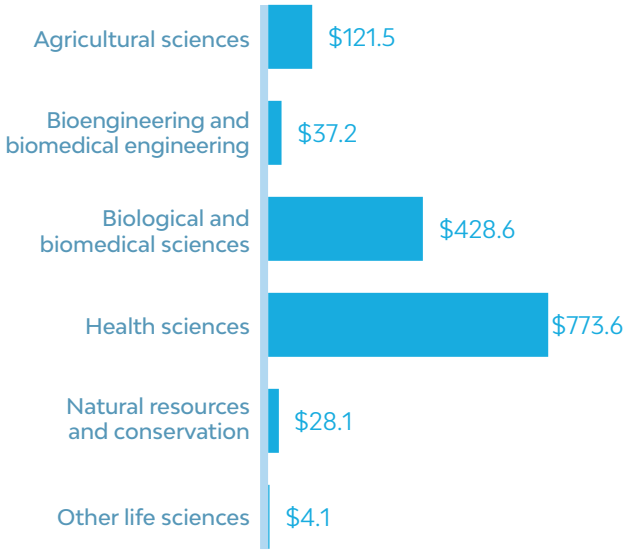
INDUSTRY SUBSECTOR		Washington 2025	Washington 2021–2025 Change	United States 2025	United States 2021–2025 Change
Agricultural Feedstock and Industrial Biosciences	Establishments	39	-11.9%	2,158	10.7%
	Employment	703	-16.5%	71,331	2.2%
	Location Quotient	0.44		n/a	
	Average Annual Wage	$81,328	23.1%	$105,506	14.7%
Bioscience-Related Distribution	Establishments	1,484	12.1%	68,949	10.0%
	Employment	11,848	9.5%	667,651	10.7%
	Location Quotient	0.79		n/a	
	Average Annual Wage	$134,145	25.8%	$144,792	19.0%
Medical Devices and Equipment	Establishments	284	16.4%	13,595	24.6%
	Employment	6,965	-3.2%	430,363	1.9%
	Location Quotient	0.72		n/a	
	Average Annual Wage	$130,903	15.9%	$110,757	13.9%
Pharmaceuticals	Establishments	185	-1.6%	7,880	31.0%
	Employment	4,224	19.1%	363,904	5.4%
	Location Quotient	0.52		n/a	
	Average Annual Wage	$114,367	15.5%	$146,506	16.3%
Research, Testing, and Medical Laboratories	Establishments	1,629	84.0%	63,881	37.0%
	Employment	24,975	16.1%	779,368	8.1%
	Location Quotient	1.43		n/a	
	Average Annual Wage	$164,579	17.2%	$167,555	13.7%
Total Bioscience Industry	Establishments	3,621	34.8%	156,463	22.1%
	Employment	48,716	11.0%	2,312,617	7.0%
	Location Quotient	0.94		n/a	
	Average Annual Wage	$146,807	19.5%	$145,188	16.0%
Total Private Sector	Establishments	236,885	-11.6%	11,985,043	12.5%
	Employment	3,008,603	7.2%	133,872,972	8.5%
	Location Quotient	1.00		n/a	
	Average Annual Wage	$101,789	21.2%	$78,863	16.3%

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

BIOSCIENCE RESEARCH IN WASHINGTON

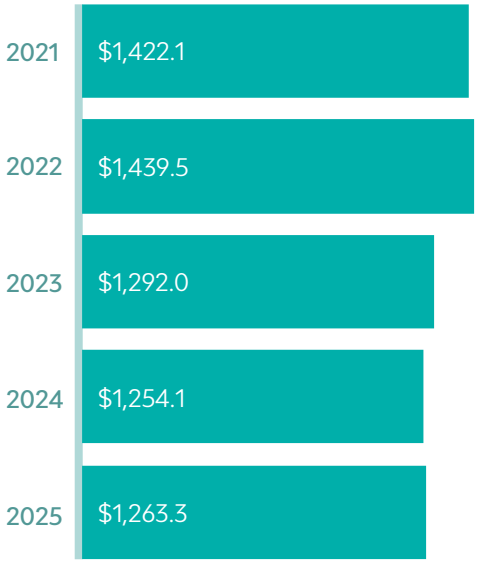
Bioscience Academic R&D Expenditures

$ Millions, FY 2024



NIH Awards

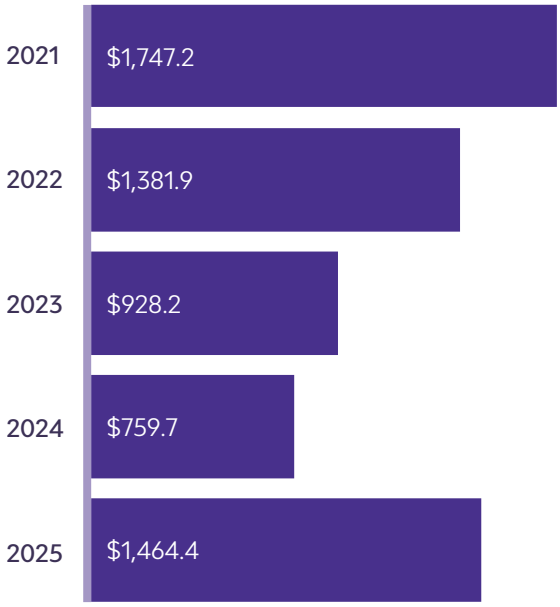
$ Millions, FY 2021-2025



BIOSCIENCE VENTURE CAPITAL IN WASHINGTON

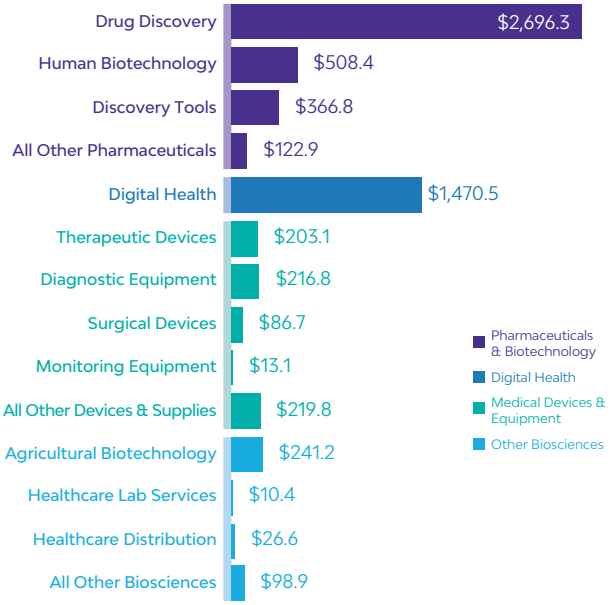
Bioscience-Related Venture Capital Investments

$ Millions, 2021-2025



Bioscience-Related Venture Capital Investments by Segment

$ Millions, 2021-2025

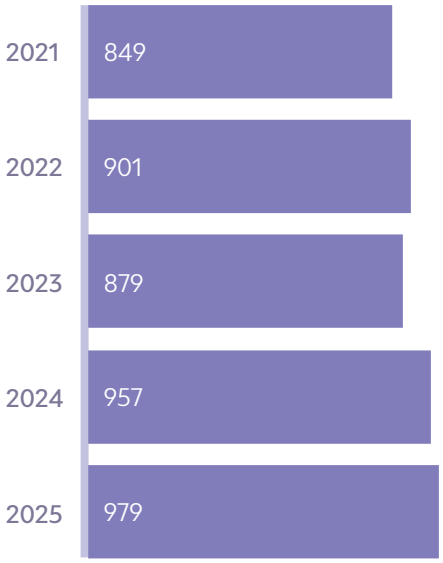


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BIOSCIENCE PATENTS IN WASHINGTON

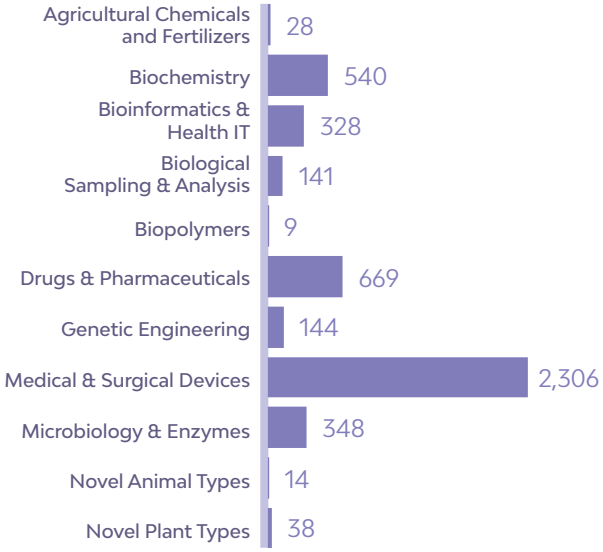
Bioscience-Related U.S. Patents

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