Missouri



The U.S. Bioscience Economy:

Advancing Innovation and Strengthening States and Regions

Missouri's sizable bioscience industry has continued to grow, reaching 38,348 jobs across 3,398 business establishments in 2025. Across the industry, employment increased by 5.8 percent from 2021 through 2025. Missouri's bioscience economy includes a specialized agricultural biosciences industry base. The agricultural feedstock and industrial biosciences subsector is more than twice as concentrated in employment as nationally, with a location quotient of 2.25. Pharmaceuticals and medical devices and equipment each recorded double-digit job growth. Annual bioscience wages averaged $113,618, 69 percent above Missouri's private sector average. Bioscience-related R&D expenditures at state universities totaled $1.6 billion in FY 2024, representing 81 percent of academic science and engineering research expenditures. Missouri institutions received $882.2 million in NIH funding in FY 2025. Venture capital investments in bioscience companies totaled nearly $1.5 billion from 2021 through 2025.

BIOSCIENCE PERFORMANCE METRICS

Summary of State Performance in Selected Bioscience-related Metrics

METRIC		Missouri	United States	Quintile
Bioscience Industry, 2025	Bioscience Industry Employment	38,348	2,312,617	III
	Bioscience Industry Location Quotient	0.89	n/a	III
	Bioscience Industry Establishments	3,398	156,463	II
Academic Bioscience R&D Expenditures, FY 2024	Bioscience R&D ($ thousands)	$1,557,399	$68,902,940	II
	Bioscience Share of Total R&D	81%	63%	I
	Bioscience R&D Per Capita	$249	$203	I
NIH Funding, FY 2025	Funding ($ thousands)	$882,196	$36,741,235	II
	Funding Per Capita	$141	$107	I
Bioscience Venture Capital, 2021-25	Investments ($ millions)	$1,463.78	$297,644	III
Bioscience-Related Patents, 2021-25	Total Patents	2,282	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.

Missouri

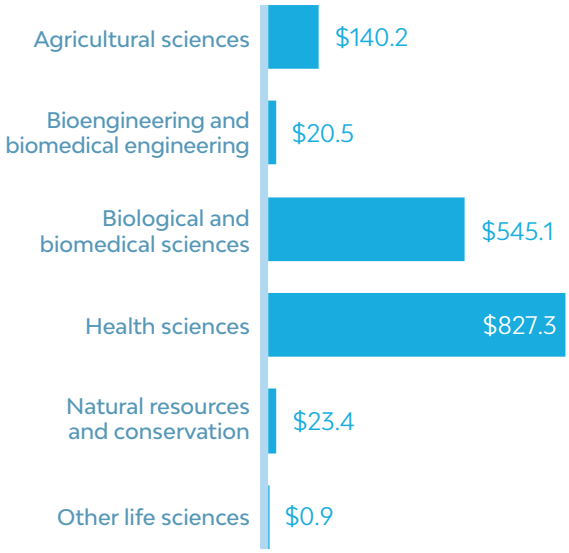
INDUSTRY SUBSECTOR		Missouri 2025	Missouri 2021–2025 Change	United States 2025	United States 2021–2025 Change
Agricultural Feedstock and Industrial Biosciences	Establishments	92	24.7%	2,158	10.7%
	Employment	2,975	-6.1%	71,331	2.2%
	Location Quotient	2.25		n/a	
	Average Annual Wage	$95,770	26.2%	$105,506	14.7%
Bioscience-Related Distribution	Establishments	1,519	-0.8%	68,949	10.0%
	Employment	14,419	6.6%	667,651	10.7%
	Location Quotient	1.16		n/a	
	Average Annual Wage	$122,309	13.9%	$144,792	19.0%
Medical Devices and Equipment	Establishments	356	130.8%	13,595	24.6%
	Employment	4,458	16.2%	430,363	1.9%
	Location Quotient	0.56		n/a	
	Average Annual Wage	$101,173	39.2%	$110,757	13.9%
Pharmaceuticals	Establishments	236	84.4%	7,880	31.0%
	Employment	6,743	21.1%	363,904	5.4%
	Location Quotient	1.00		n/a	
	Average Annual Wage	$102,513	7.1%	$146,506	16.3%
Research, Testing, and Medical Laboratories	Establishments	1,196	52.7%	63,881	37.0%
	Employment	9,753	-4.0%	779,368	8.1%
	Location Quotient	0.67		n/a	
	Average Annual Wage	$119,578	19.6%	$167,555	13.7%
Total Bioscience Industry	Establishments	3,398	27.3%	156,463	22.1%
	Employment	38,348	5.8%	2,312,617	7.0%
	Location Quotient	0.89		n/a	
	Average Annual Wage	$113,618	17.0%	$145,188	16.0%
Total Private Sector	Establishments	244,129	15.9%	11,985,043	12.5%
	Employment	2,483,030	5.9%	133,872,972	8.5%
	Location Quotient	1.00		n/a	
	Average Annual Wage	$67,268	17.3%	$78,863	16.3%

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

BIOSCIENCE RESEARCH IN MISSOURI

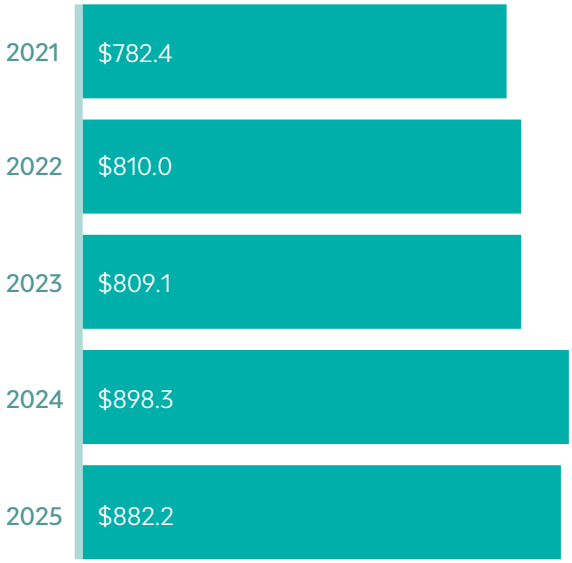
Bioscience Academic R&D Expenditures

$ Millions, FY 2024



NIH Awards

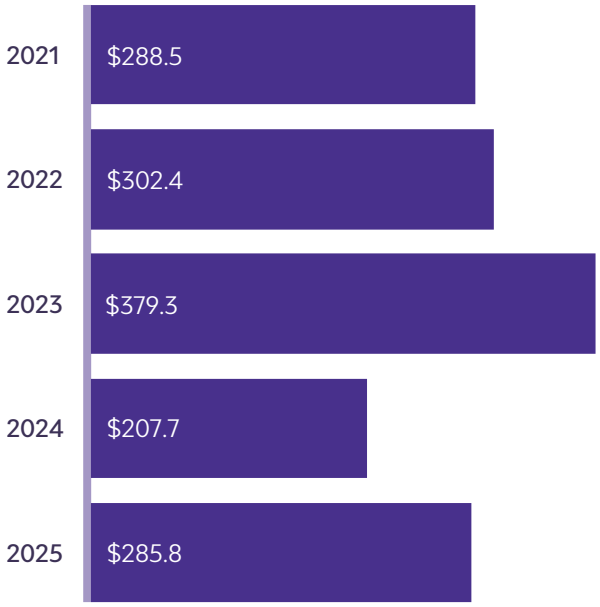
$ Millions, FY 2021-2025



BIOSCIENCE VENTURE CAPITAL IN MISSOURI

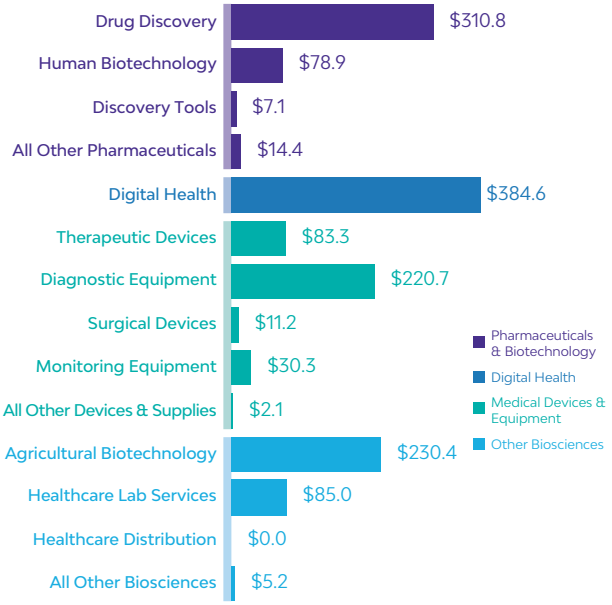
Bioscience-Related Venture Capital Investments

$ Millions, 2021-2025



Bioscience-Related Venture Capital Investments by Segment

$ Millions, 2021-2025

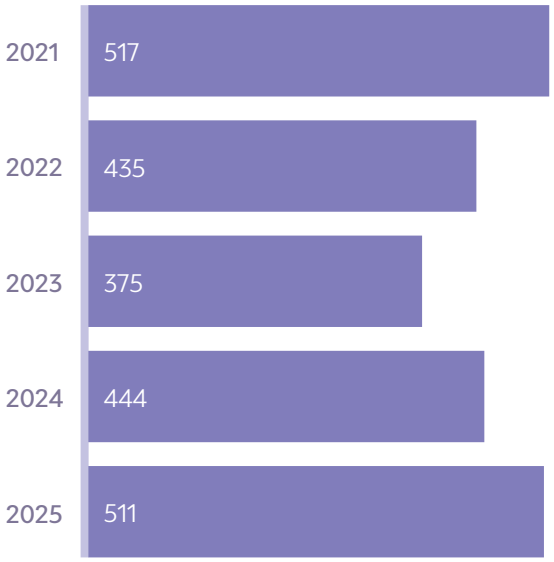


Missouri

BIOSCIENCE PATENTS IN MISSOURI

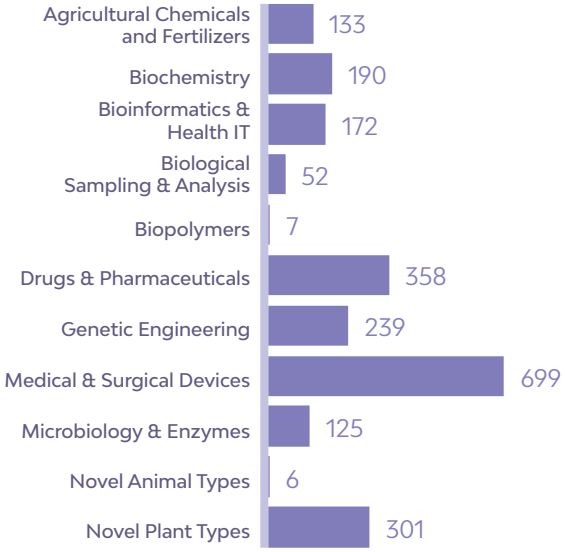
Bioscience-Related U.S. Patents

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