Mississippi



The U.S. Bioscience Economy:

Advancing Innovation and Strengthening States and Regions

Mississippi's bioscience industry employment reached 8,810 jobs across 1,380 business establishments in 2025. Growth in research, testing, and medical labs helped Mississippi expand its bioscience employment base by 12.5 percent from 2021 through 2025, outpacing the nation. Research, testing, and medical laboratories increased employment by 66.3 percent, while pharmaceuticals and bioscience-related distribution also added jobs. Bioscience-related distribution remains the largest subsector, accounting for nearly half of industry employment. Bioscience wages averaged $98,741, 88 percent higher than Mississippi's private sector average. State universities conducted $330.0 million in bioscience-related R&D in FY 2024, while institutions received $57.4 million in NIH funding in FY 2025.

BIOSCIENCE PERFORMANCE METRICS

Summary of State Performance in Selected Bioscience-related Metrics

METRIC		Mississippi	United States	Quintile
Bioscience Industry, 2025	Bioscience Industry Employment	8,810	2,312,617	IV
	Bioscience Industry Location Quotient	0.54	n/a	IV
	Bioscience Industry Establishments	1,380	156,463	IV
Academic Bioscience R&D Expenditures, FY 2024	Bioscience R&D ($ thousands)	$329,968	$68,902,940	IV
	Bioscience Share of Total R&D	55%	63%	III
	Bioscience R&D Per Capita	$112	$203	IV
NIH Funding, FY 2025	Funding ($ thousands)	$57,350	$36,741,235	IV
	Funding Per Capita	$19	$107	V
Bioscience Venture Capital, 2021-25	Investments ($ millions)	$38.61	$297,644	V
Bioscience-Related Patents, 2021-25	Total Patents	485	138,607	IV

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.

Mississippi

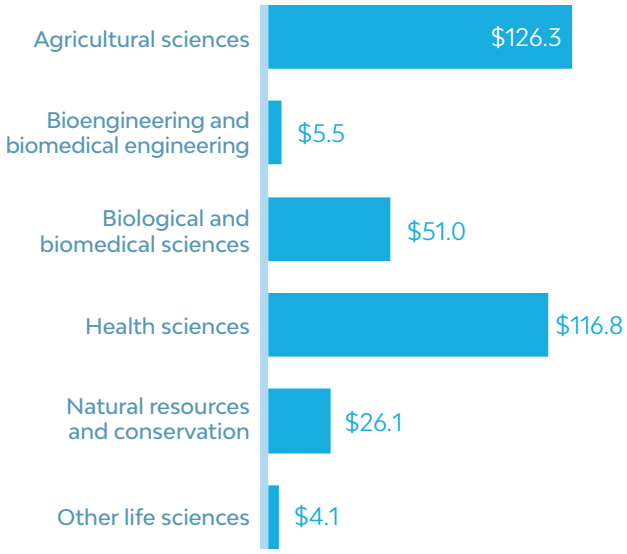
INDUSTRY SUBSECTOR		Mississippi 2025	Mississippi 2021–2025 Change	United States 2025	United States 2021–2025 Change
Agricultural Feedstock and Industrial Biosciences	Establishments	11	-8.3%	2,158	10.7%
	Employment	504	-15.4%	71,331	2.2%
	Location Quotient	1.00		n/a	
	Average Annual Wage	$105,814	48.8%	$105,506	14.7%
Bioscience-Related Distribution	Establishments	908	28.0%	68,949	10.0%
	Employment	4,283	6.1%	667,651	10.7%
	Location Quotient	0.91		n/a	
	Average Annual Wage	$118,067	22.7%	$144,792	19.0%
Medical Devices and Equipment	Establishments	27	9.2%	13,595	24.6%
	Employment	690	-26.0%	430,363	1.9%
	Location Quotient	0.23		n/a	
	Average Annual Wage	$67,422	15.0%	$110,757	13.9%
Pharmaceuticals	Establishments	20	0.0%	7,880	31.0%
	Employment	1,138	19.8%	363,904	5.4%
	Location Quotient	0.44		n/a	
	Average Annual Wage	$65,191	11.2%	$146,506	16.3%
Research, Testing, and Medical Laboratories	Establishments	414	55.9%	63,881	37.0%
	Employment	2,195	66.3%	779,368	8.1%
	Location Quotient	0.40		n/a	
	Average Annual Wage	$86,648	37.7%	$167,555	13.7%
Total Bioscience Industry	Establishments	1,380	33.8%	156,463	22.1%
	Employment	8,810	12.5%	2,312,617	7.0%
	Location Quotient	0.54		n/a	
	Average Annual Wage	$98,741	23.9%	$145,188	16.0%
Total Private Sector	Establishments	86,901	20.0%	11,985,043	12.5%
	Employment	942,136	5.8%	133,872,972	8.5%
	Location Quotient	1.00		n/a	
	Average Annual Wage	$52,629	18.7%	$78,863	16.3%

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

BIOSCIENCE RESEARCH IN MISSISSIPPI

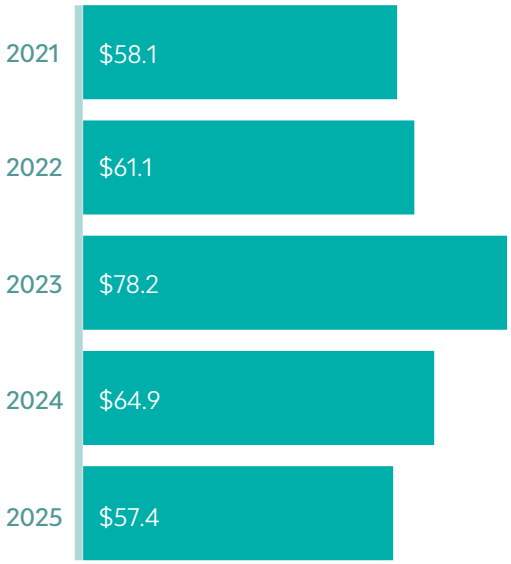
Bioscience Academic R&D Expenditures

$ Millions, FY 2024



NIH Awards

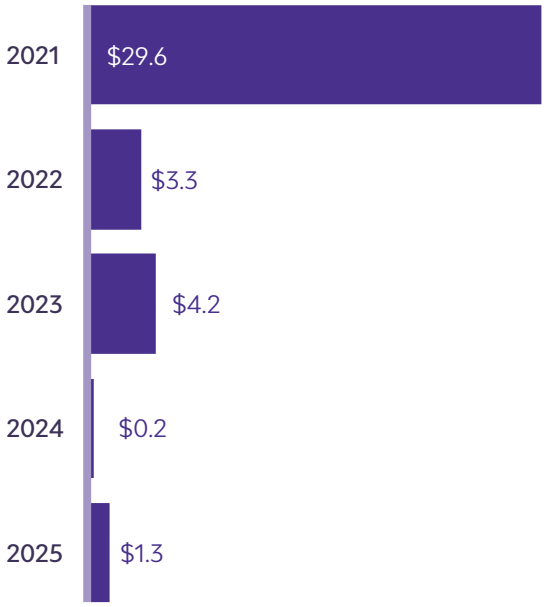
$ Millions, FY 2021-2025



BIOSCIENCE VENTURE CAPITAL IN MISSISSIPPI

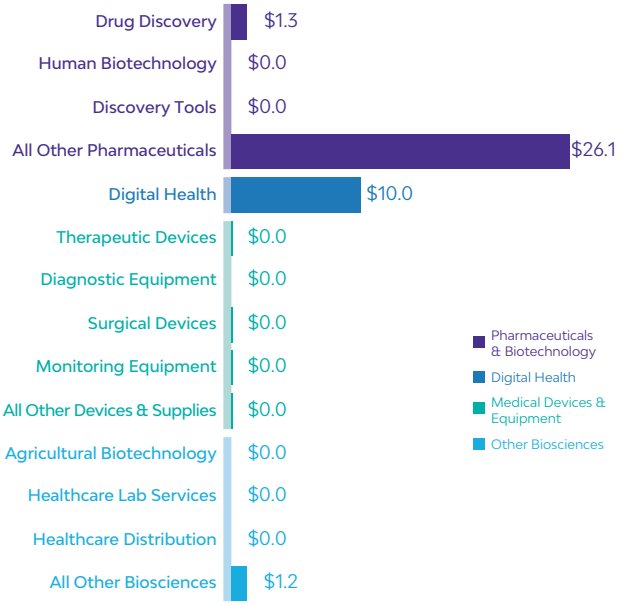
Bioscience-Related Venture Capital Investments

$ Millions, 2021-2025



Bioscience-Related Venture Capital Investments by Segment

$ Millions, 2021-2025

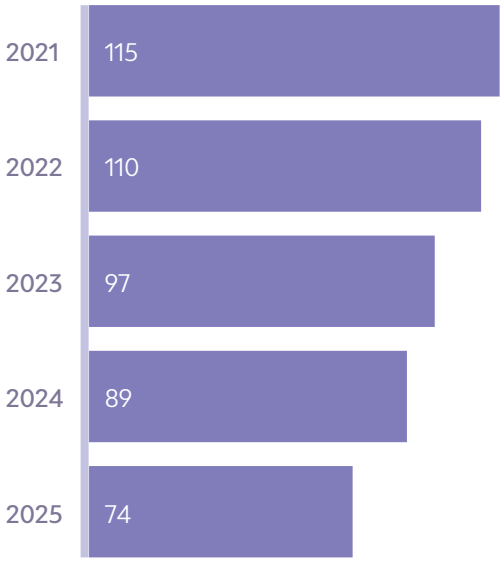


Mississippi

BIOSCIENCE PATENTS IN MISSISSIPPI

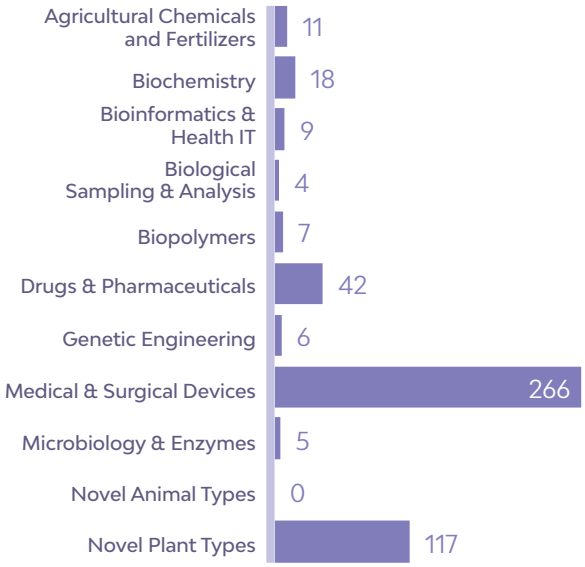
Bioscience-Related U.S. Patents

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