Louisiana



The U.S. Bioscience Economy:

Advancing Innovation and Strengthening States and Regions

Louisiana's bioscience industry continues to add jobs at a strong pace. The industry reached 14,327 jobs across 2,035 business establishments in 2025. Employment increased by 16.2 percent from 2021 through 2025, significantly outpacing national growth, with all five major subsectors contributing to the gains. Bioscience-related distribution, the largest subsector, expanded employment by 17.3 percent. Louisiana also retains a highly specialized concentration in agricultural feedstock and industrial biosciences, with a location quotient of 3.35. Bioscience wages averaged $112,789, exceeding the state's private sector average by 77 percent. Bioscience-related R&D expenditures at Louisiana universities totaled $699.3 million in FY 2024, and state institutions received $200.8 million in NIH funding in FY 2025.

BIOSCIENCE PERFORMANCE METRICS

Summary of State Performance in Selected Bioscience-related Metrics

METRIC		Louisiana	United States	Quintile
Bioscience Industry, 2025	Bioscience Industry Employment	14,327	2,312,617	IV
	Bioscience Industry Location Quotient	0.51	n/a	V
	Bioscience Industry Establishments	2,035	156,463	III
Academic Bioscience R&D Expenditures, FY 2024	Bioscience R&D ($ thousands)	$699,270	$68,902,940	III
	Bioscience Share of Total R&D	65%	63%	II
	Bioscience R&D Per Capita	$152	$203	III
NIH Funding, FY 2025	Funding ($ thousands)	$200,790	$36,741,235	III
	Funding Per Capita	$43	$107	IV
Bioscience Venture Capital, 2021-25	Investments ($ millions)	$114.51	$297,644	IV
Bioscience-Related Patents, 2021-25	Total Patents	402	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.

Louisiana

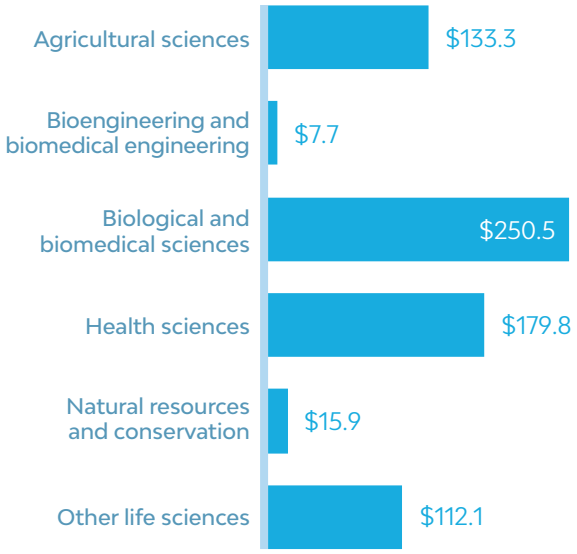
INDUSTRY SUBSECTOR		Louisiana 2025	Louisiana 2021–2025 Change	United States 2025	United States 2021–2025 Change
Agricultural Feedstock and Industrial Biosciences	Establishments	30	11.0%	2,158	10.7%
	Employment	2,893	8.3%	71,331	2.2%
	Location Quotient	3.35		n/a	
	Average Annual Wage	$142,854	15.7%	$105,506	14.7%
Bioscience-Related Distribution	Establishments	1,056	22.1%	68,949	10.0%
	Employment	6,461	17.3%	667,651	10.7%
	Location Quotient	0.80		n/a	
	Average Annual Wage	$132,877	16.7%	$144,792	19.0%
Medical Devices and Equipment	Establishments	76	-13.2%	13,595	24.6%
	Employment	868	129.1%	430,363	1.9%
	Location Quotient	0.17		n/a	
	Average Annual Wage	$55,122	-20.3%	$110,757	13.9%
Pharmaceuticals	Establishments	46	23.0%	7,880	31.0%
	Employment	749	69.3%	363,904	5.4%
	Location Quotient	0.17		n/a	
	Average Annual Wage	$74,328	-16.2%	$146,506	16.3%
Research, Testing, and Medical Laboratories	Establishments	828	39.6%	63,881	37.0%
	Employment	3,357	0.8%	779,368	8.1%
	Location Quotient	0.36		n/a	
	Average Annual Wage	$71,705	16.2%	$167,555	13.7%
Total Bioscience Industry	Establishments	2,035	26.5%	156,463	22.1%
	Employment	14,327	16.2%	2,312,617	7.0%
	Location Quotient	0.51		n/a	
	Average Annual Wage	$112,789	13.3%	$145,188	16.0%
Total Private Sector	Establishments	151,972	10.8%	11,985,043	12.5%
	Employment	1,620,700	6.6%	133,872,972	8.5%
	Location Quotient	1.00		n/a	
	Average Annual Wage	$63,568	17.4%	$78,863	16.3%

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

BIOSCIENCE RESEARCH IN LOUISIANA

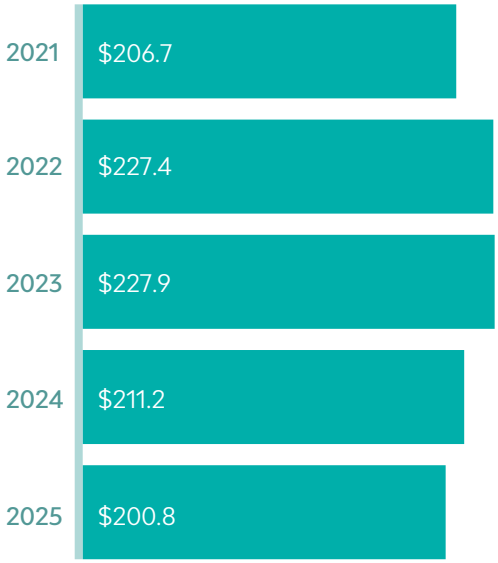
Bioscience Academic R&D Expenditures

$ Millions, FY 2024



NIH Awards

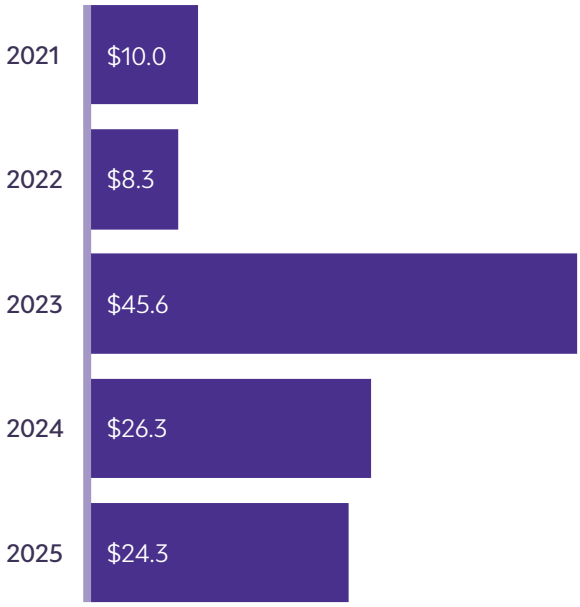
$ Millions, FY 2021-2025



BIOSCIENCE VENTURE CAPITAL IN LOUISIANA

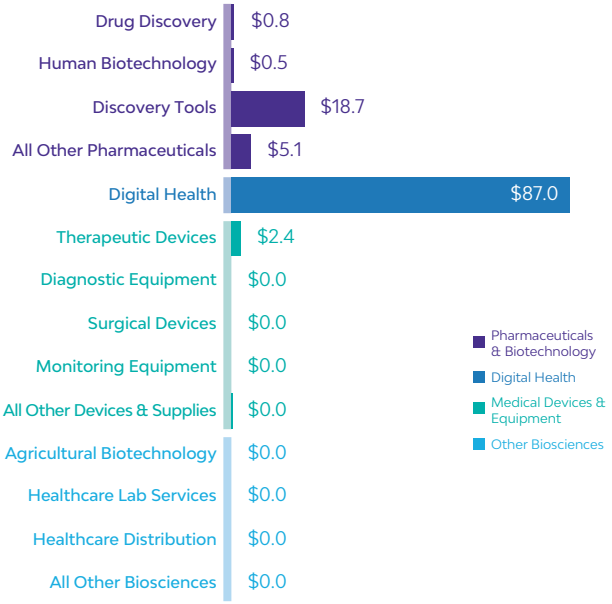
Bioscience-Related Venture Capital Investments

$ Millions, 2021-2025



Bioscience-Related Venture Capital Investments by Segment

$ Millions, 2021-2025

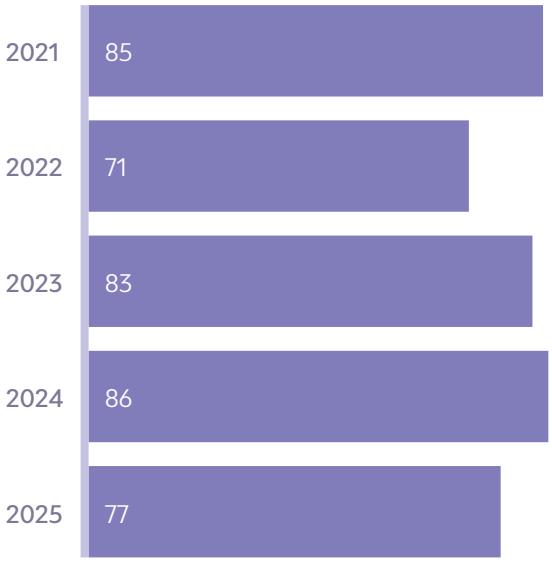


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BIOSCIENCE PATENTS IN LOUISIANA

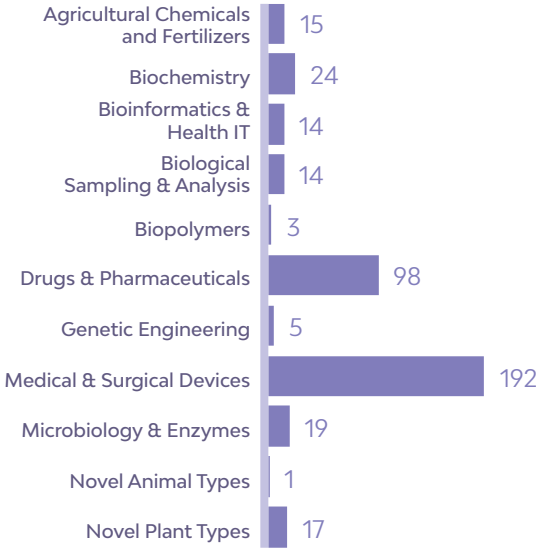
Bioscience-Related U.S. Patents

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