

New Mexico



New Mexico is home to 8,300 bioscience industry jobs that spanned 622 business establishments in 2012. The state had a slight increase (1.3 percent) in bioscience jobs since 2007 with job gains from its largest component subsector, research, testing, and medical labs. This subsector is also considered to have a specialized employment concentration in New Mexico with a 118 percent greater concentration of jobs in the New Mexican economy relative to the national average (location quotient of 2.18). Average annual wages among the state's bioscience industry workers were more than \$68,000 in 2012, 73 percent greater than the overall average for New Mexico's private sector. Since 2009, state bioscience companies have received more than \$107 million in venture capital with key focus areas in human biotechnologies and medical diagnostics.

Bioscience Performance Metrics

Summary of State Performance in Selected Bioscience-related Metrics

Metric	New Mexico	United States	Quintile
Bioscience Industry, 2012			
Bioscience Industry Employment	8,304	1,619,746	IV
Bioscience Industry Location Quotient	0.95	n/a	II
Bioscience Industry Establishments	622	73,088	IV
Academic Bioscience R&D Expenditures, FY 2012			
Bioscience R&D (\$ thousands)	\$164,830	\$38,139,876	IV
Bioscience Share of Total R&D	42%	61%	V
Bioscience R&D Per Capita	\$79	\$119	IV
NIH Funding, FY 2013			
Funding (\$ thousands)	\$90,338	\$22,293,255	IV
Funding Per Capita	\$43	\$70	III
Bioscience Venture Capital Investments, 2009–13 (\$ millions)	\$107.6	\$49,401.7	III
Bioscience and Related Patents, 2009–13	356	100,238	IV

State ranking figures for bioscience performance metrics are calculated as quintiles, where I = top quintile, III = middle quintile, and V = bottom quintile.

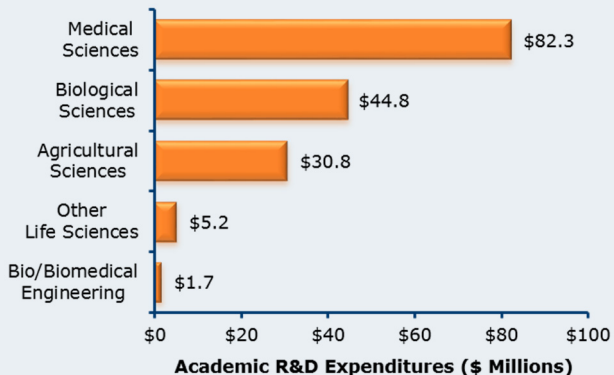
For source notes, see end of State Profile.

Industry Subsector	New Mexico		United States	
	2012	2007-2012 Change	2012	2007-2012 Change
Agricultural Feedstock & Chemicals				
Establishments	10	25.0%	1,772	5.2%
Employment	75	-11.1%	76,404	-1.0%
Location Quotient	0.18		n/a	
Direct-Effect Employment Multiplier	11.5		18.1	
Total Employment Impact	861		1,382,637	
Average Annual Wage	\$41,148	-13.8%	\$75,828	14.2%
Bioscience-Related Distribution				
Establishments	361	7.2%	36,793	1.4%
Employment	1,475	-19.2%	442,016	-3.9%
Location Quotient	0.61		n/a	
Direct-Effect Employment Multiplier	2.3		2.7	
Total Employment Impact	3,363		1,199,015	
Average Annual Wage	\$71,819	22.9%	\$85,188	11.5%
Drugs and Pharmaceuticals				
Establishments	15	36.4%	3,057	12.0%
Employment	535	-18.6%	284,331	-10.9%
Location Quotient	0.35		n/a	
Direct-Effect Employment Multiplier	6.7		9.9	
Total Employment Impact	3,560		2,673,265	
Average Annual Wage	\$49,896	-3.1%	\$106,576	13.9%
Medical Devices and Equipment				
Establishments	33	13.8%	7,235	12.0%
Employment	702	-15.2%	349,432	1.4%
Location Quotient	0.37		n/a	
Direct-Effect Employment Multiplier	2.9		3.9	
Total Employment Impact	2,038		1,318,459	
Average Annual Wage	\$41,886	-17.7%	\$75,695	10.7%
Research, Testing, and Medical Laboratories				
Establishments	204	60.6%	24,231	31.0%
Employment	5,517	14.9%	467,563	9.7%
Location Quotient	2.18		n/a	
Direct-Effect Employment Multiplier	2.4		2.7	
Total Employment Impact	13,355		1,284,196	
Average Annual Wage	\$73,016	5.5%	\$91,248	15.9%
Total Bioscience Industry				
Establishments	622	21.7%	73,088	11.4%
Employment	8,304	1.3%	1,619,746	-0.4%
Location Quotient	0.95		n/a	
Direct-Effect Employment Multiplier	3.2		4.9	
Total Employment Impact	26,457		7,857,572	
Average Annual Wage	\$68,395	8.0%	\$88,202	12.8%
Total Private Sector				
Establishments	51,747	3.3%	8,699,564	-0.5%
Employment	602,781	-5.4%	111,137,206	-3.1%
Average Annual Wage	\$39,529	12.3%	\$49,130	11.1%

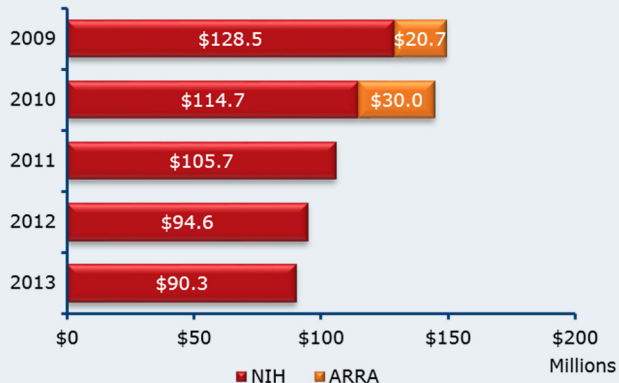
Note: U.S. employment metrics include Puerto Rico. Estimates of total impacts do not include Puerto Rico.

Bioscience Research in New Mexico

Bioscience Academic R&D Expenditures, FY 2012



NIH Awards, 2009–2013

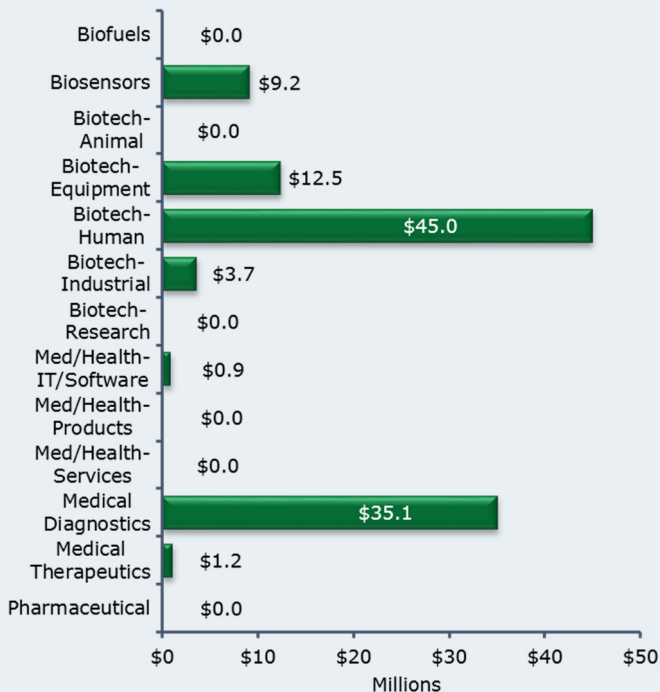


Bioscience Venture Capital in New Mexico

Bioscience-Related Venture Capital Investments, 2009–2013

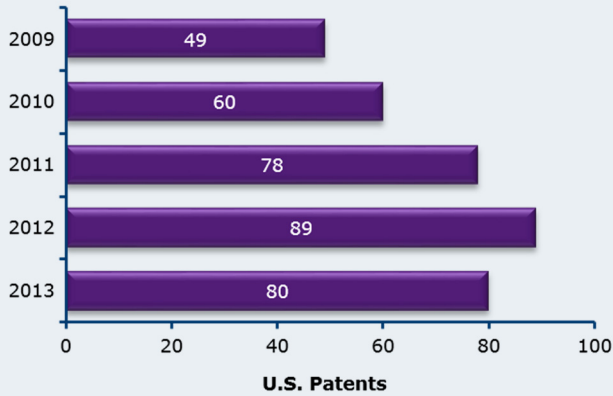


Bioscience-Related Venture Capital Investments by Segment, 2009–2013

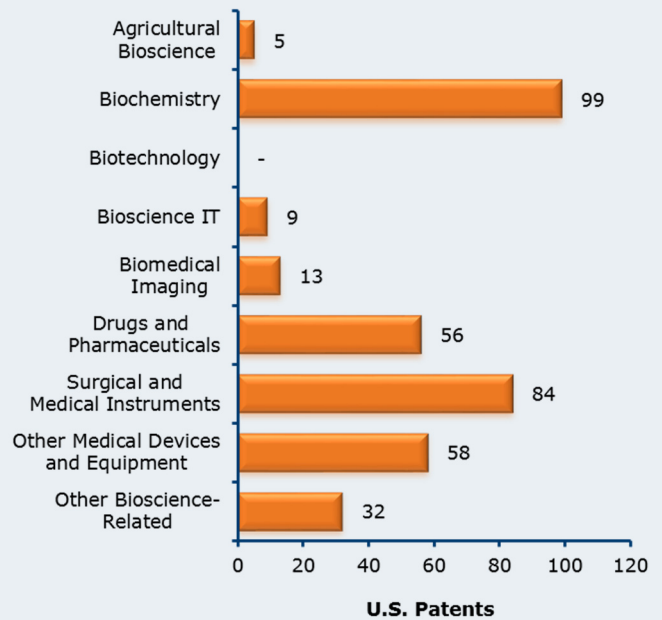


Bioscience Patents in New Mexico

Bioscience-Related Patents, 2009–2013



Bioscience-Related Patents by Segment, 2009–2013



Source Notes

Employment, Establishments, and Wages: U.S. Bureau of Labor Statistics, Quarterly Census of Employment and Wages (QCEW), enhanced file from the IMPLAN Group, LLC.

Employment Multipliers: IMPLAN Group, LLC state-level Input/Output models.

Academic R&D Expenditures: National Science Foundation (NSF) Higher Education Research and Development (HERD) Survey.

NIH Funding: National Institutes of Health, *NIH Awards by Location & Organization* (summary information within RePORT database), and NIH-managed funding for FY 2009 and FY 2010 from the American Recovery and Reinvestment Act (ARRA) website.

Venture Capital: Thomson Reuters Thomson ONE venture capital database.

Patents: U.S. Patent & Trademark Office data from Thomson Reuters Delphion Patent Analysis Database.

For a more detailed discussion of the data and methodology used, please see the Appendix to the full national report.