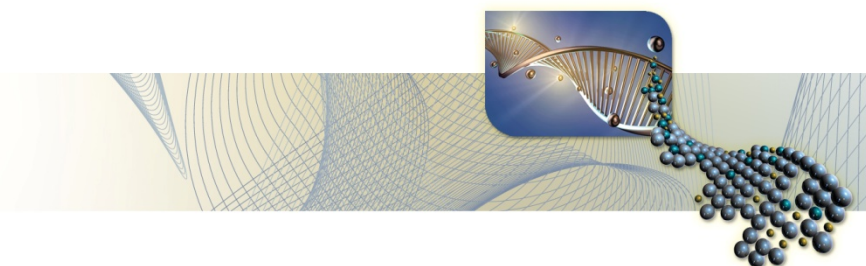


NEVADA



The largest bioscience subsector in Nevada is research, testing and medical laboratories (3,365 jobs). Academic bioscience research and development expenditures totaled \$51 million in 2008, primarily in biological sciences and in agricultural sciences. In the last six years, bioscience venture capital invested in Nevada companies totaled \$35 million, mostly in medical/health information technology. Surgical and medical instruments were the largest share of the 228 bioscience patents issued in the same period. Nevada's biomedical institutions participated in 154 active clinical trials in 2009.

●●● Bioscience Performance Metrics

Summary of State Performance in Selected Bioscience-related Metrics

Metrics	Nevada	United States	Rank*
Bioscience Industry, 2008			
Total Bioscience Industry Employment, 2008	4,935	1,420,324	V
Bioscience Industry Location Quotient, 2008	0.36	n/a	V
Biosciences Industry Establishments, 2008	404	47,593	IV
Academic R&D Expenditures, FY 2008			
Bioscience R&D (\$ thousands)	\$51,256	\$31,818,810	49
Bioscience Share of Total R&D	26.9%	61.3%	51
Bioscience R&D Per Capita	\$19.59	\$104.54	51
Change in Bioscience R&D, FY 2004–08	-5.7%	22.3%	51
NIH Funding, FY 2009			
Total, Including ARRA Funds (\$ thousands)	\$24,532	\$25,837,590	47
Per Capita Funding	\$9.28	\$84.16	52
Change in Baseline Funding, FY 2004–09**	3.4%	-4.7%	18
Change in Total Funding, FY 2004–09	19.2%	14.6%	23
Clinical Trials, Initiated 2009	154	5,299	36
Higher Education Degrees in Bioscience Fields, AY 2008	577	161,811	46
Employment in Bioscience-related Occupations, 2008	2,540	717,510	45
Bioscience Venture Capital Investments, 2004–09 (\$ millions)	\$35.1	\$60,099	38
Bioscience and Related Patents, 2004–09	228	75,593	40

*State ranking figures for bioscience industry employment metrics are calculated as quintiles (I=Top Quintile; V=Bottom Quintile). All other metrics are ranked 1-52.

**Baseline Funding does not include American Recovery and Reinvestment Act (ARRA) funds for 2009.

For source notes, see end of State Profile.

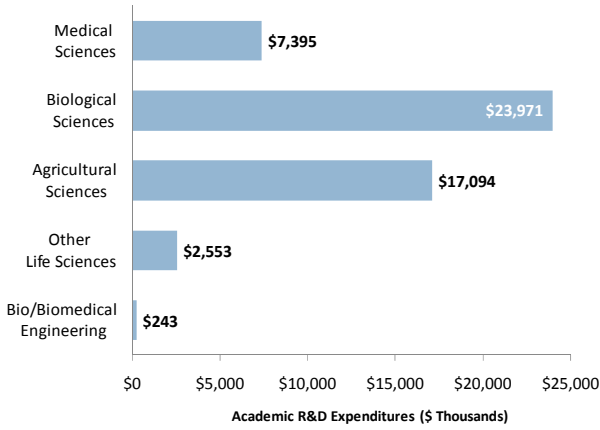
●●● Bioscience Industry Base, 2008

INDUSTRY SUBSECTOR	Nevada		United States	
	2008	2001–08 Change	2008	2001–08 Change
AGRICULTURAL FEEDSTOCK & CHEMICALS				
Establishments	11	89.2%	2,440	16.0%
Employment	140	101.9%	114,793	1.9%
Location Quotient	0.13		n/a	
Direct-Effect Employment Multiplier	3.51		11.33	
Total Employment Impact	492		1,284,650	
Average Annual Wage	\$57,570		\$72,279	
DRUGS & PHARMACEUTICALS				
Establishments	21	23.5%	2,771	6.4%
Employment	427	24.5%	311,882	2.3%
Location Quotient	0.14		n/a	
Direct-Effect Employment Multiplier	3.42		9.92	
Total Employment Impact	1,462		2,873,278	
Average Annual Wage	\$44,595		\$93,378	
MEDICAL DEVICES & EQUIPMENT				
Establishments	110	6.9%	15,227	0.4%
Employment	1,002	-33.6%	435,509	2.0%
Location Quotient	0.24		n/a	
Direct-Effect Employment Multiplier	2.02		4.87	
Total Employment Impact	2,028		2,029,581	
Average Annual Wage	\$42,752		\$63,606	
RESEARCH, TESTING, & MEDICAL LABORATORIES				
Establishments	262	80.9%	27,154	57.7%
Employment	3,365	28.4%	558,140	46.1%
Location Quotient	0.63		n/a	
Direct-Effect Employment Multiplier	2.06		3.30	
Total Employment Impact	6,942		1,853,127	
Average Annual Wage	\$58,119		\$80,785	
TOTAL BIOSCIENCES INDUSTRY				
Establishments	404	49.3%	47,593	28.3%
Employment	4,935	8.6%	1,420,324	15.8%
Location Quotient	0.36		n/a	
Direct-Effect Employment Multiplier	2.21		5.82	
Total Employment Impact	10,924		8,040,636	
Average Annual Wage	\$53,812		\$77,595	
TOTAL PRIVATE SECTOR				
Establishments	75,888	52.7%	8,860,956	13.8%
Employment	1,096,830	19.1%	113,917,377	3.5%
Average Annual Wage	\$41,808		\$45,229	

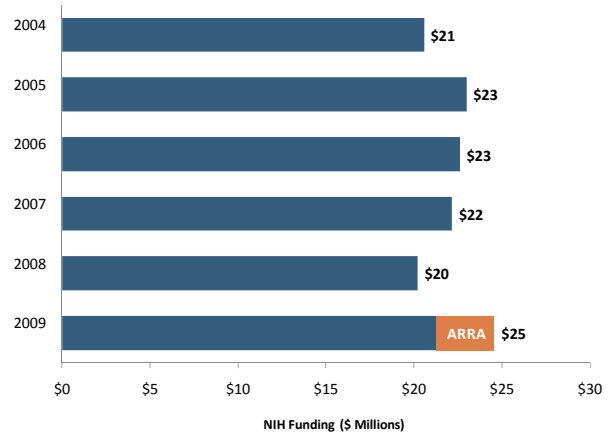
Note: U.S. employment metrics include Puerto Rico. Estimates of total employment impacts do not include Puerto Rico.

●●● Bioscience Performance Metrics

Bioscience Academic R&D Expenditures in Nevada, FY 2008

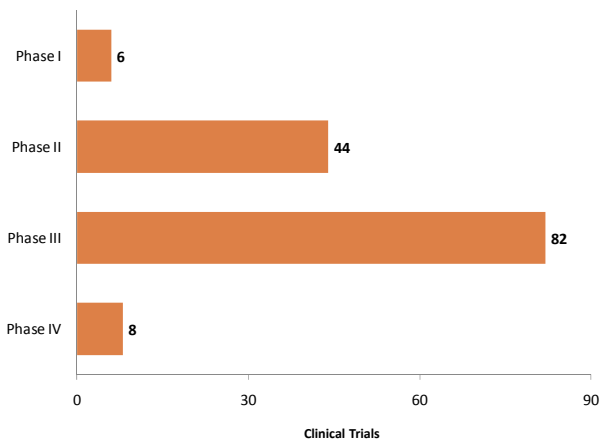


NIH Awards in Nevada, 2004–2009

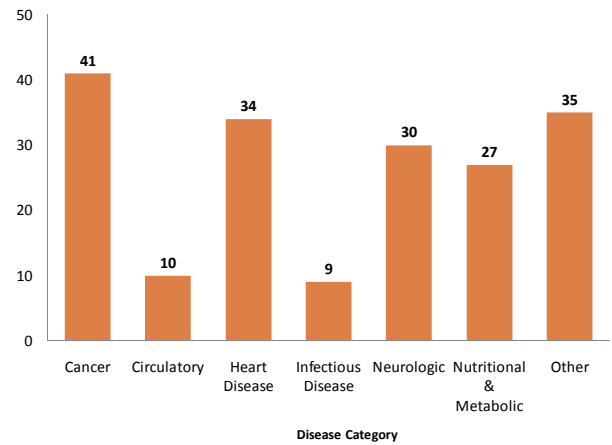


●●● Recent Clinical Trial Activities

Clinical Trials by Phase in Nevada, 2009

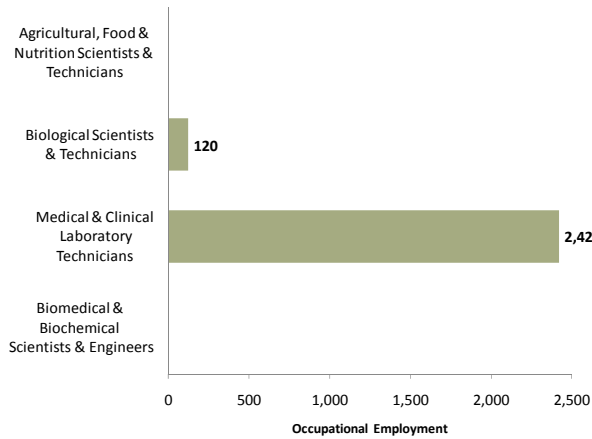


Clinical Trials by Major Disease Category in Nevada, 2009

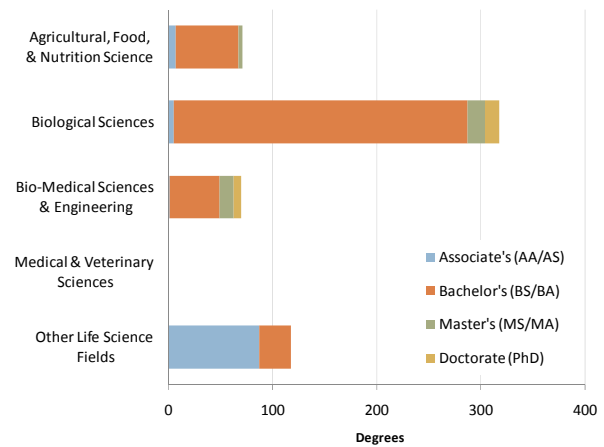


Bioscience Talent Base

Bioscience-related Occupational Employment in Nevada, 2008

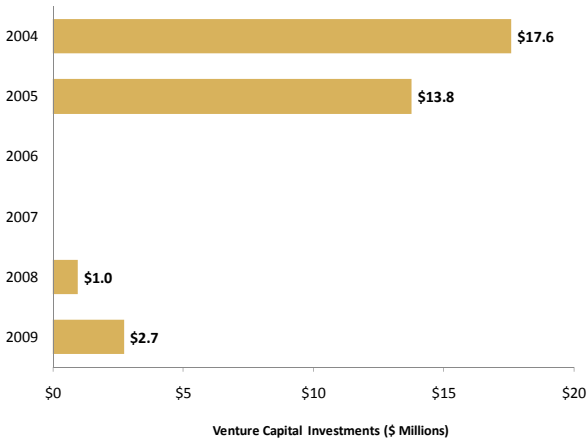


Bioscience-related Degrees in Nevada, AY 2008

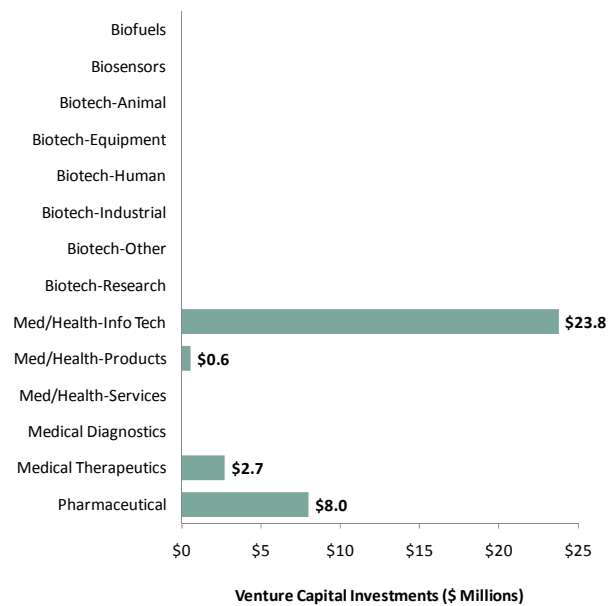


Bioscience Venture Capital

Bioscience-related Venture Capital Investments in Nevada, 2004–2009

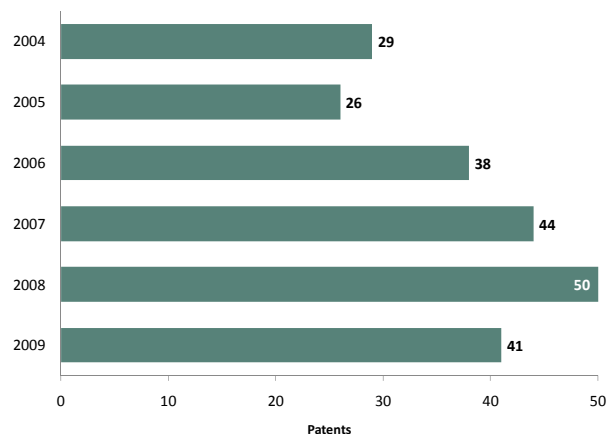


Bioscience-related Venture Capital Investments in Nevada by Segment, 2004–2009

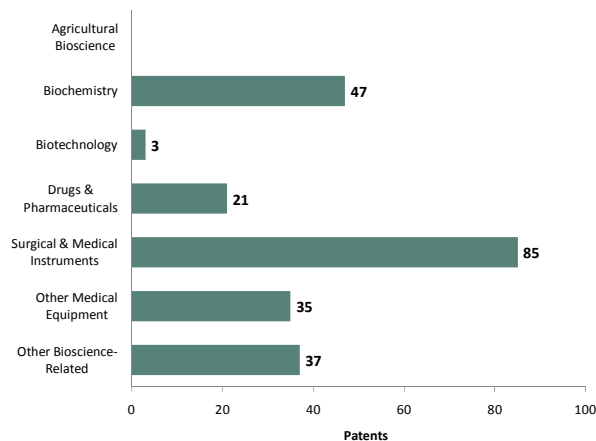


●●● Bioscience Patents

Bioscience-related Patents in Nevada, 2004–2009



Bioscience-related Patents by Classification Group in Nevada, 2004–2009



State Bioscience Contacts

Nevada Biotechnology & Bioscience Consortium

Las Vegas, NV 89054

www.nevbio.org

Source Notes:

Employment, Establishment, and Wage Data: U.S. Bureau of Labor Statistics, Quarterly Census of Employment and Wages (QCEW) industry data provided by the Minnesota IMPLAN Group, 2001 and 2008.

Employment Multipliers: U.S. Bureau of Economic Analysis RIMS II Employment Multipliers, 2006 (most currently available).

Academic R&D Expenditures: National Science Foundation (NSF) Survey of Research and Development Expenditures at Universities and Colleges, 2004 and 2008.

NIH Funding: National Institutes of Health, Office of Extramural Research, Award Trends, Dollars Awarded by State, 2004 and 2009.

Clinical Trials: National Institutes of Health, Clinicaltrials.gov, trials that were initiated in 2009.

Higher Education Degrees: National Center for Educational Statistics, Integrated Postsecondary Education Data System (IPEDS), 2008.

Occupational Employment: U.S. Bureau of Labor Statistics, Occupational Employment Statistics (OES) survey data, 2008.

Venture Capital: Thomson Reuters' VentureXpert Database, 2004–2009, as of January 15, 2010.

Patents: U.S. Patent & Trademark Office data as available from the Thomson Reuters' Delphion Patent Analysis Database, 2004–2009, as of January 15, 2010.

For a more detailed discussion of the data and methodology used, please see the Appendix to the full national report. ©2010