

**Total Venture Capital for the Top States for period 2004-2012**

States	Total VC	Other VC	BioTech	Med Dev	Hcare	Subtotal	Other VC	Bio VC
California	115,713	86,636	16,535	12,086	456	29,077	74.87%	25.13%
Massachusetts	27,128	16,114	8,093	2,700	221	11,014	59.40%	40.60%
New York	12,600	11,376	474	491	259	1,224	90.29%	9.71%
Texas	10,841	8,767	1,093	674	307	2,074	80.87%	19.13%
Washington	7,642	5,480	1,243	797	122	2,162	71.71%	28.29%
New Jersey	6,058	2,852	2,298	900	8	3,206	47.08%	52.92%
Pennsylvania	5,935	2,610	1,938	1,249	138	3,325	43.98%	56.02%
Colorado	5,411	4,294	841	230	46	1,117	79.36%	20.64%
Maryland	5,029	3,062	1,474	331	162	1,967	60.89%	39.11%
Illinois	4,057	2,958	904	49	146	1,099	72.91%	27.09%
North Carolina	3,268	1,431	1,238	517	82	1,837	43.79%	56.21%
Florida	3,045	2,403	247	301	94	642	78.92%	21.08%
Minnesota	2,840	887	352	1,496	105	1,953	31.23%	68.77%
Connecticut	1,897	984	776	137	-	913	51.87%	48.13%
Ohio	1,836	1,040	205	534	57	796	56.64%	43.36%

# Increase in NIH Funding from 1999-2012

Rank	State	1999	2012	Study Increase
1	CALIFORNIA	\$1,843,185,258	\$3,474,549,212	88.51%
2	MASSACHUSETTS	\$1,332,359,138	\$2,561,823,676	92.28%
3	NEW YORK	\$1,238,000,190	\$2,042,490,849	64.98%
4	MARYLAND	\$701,392,172	\$1,597,575,211	127.77%
5	PENNSYLVANIA	\$847,872,308	\$1,460,422,797	72.25%
6	TEXAS	\$638,974,055	\$1,076,737,178	68.51%
7	NORTH CAROLINA	\$488,829,665	\$1,060,708,387	116.99%
8	WASHINGTON	\$459,192,913	\$917,530,811	99.81%
9	ILLINOIS	\$423,766,760	\$798,049,640	88.32%
10	OHIO	\$379,333,633	\$707,599,023	86.54%
11	MICHIGAN	\$348,811,309	\$632,754,000	81.40%
12	FLORIDA	\$182,804,757	\$502,112,696	174.67%

# Top Life Science Patent Producing States

Rank	State	# LIFE SCIENCE	
		PATENT APPROVALS	CLUSTER LOCATION
1	CALIFORNIA	3,721	SF BAY AREA, LA, SD
2	MINNESOTA	1,118	MINN, ST PAUL
3	MASSACHUSETTS	1,111	GREATER BOSTON
4	NEW JERSEY	743	NJ/NEW YORK CITY
5	PENNSYLVANIA	616	PHILADELPHIA
6	NEW YORK	561	NJ/NEW YORK CITY
7	OHIO	478	EMERGING CLUSTER
8	FLORIDA	477	EMERGING CLUSTER
9	TEXAS	422	EMERGING CLUSTER
10	CONNECTICUT	383	WESTCHESTER, NEW HAV

\* Per Jones Lang LaSalle Life Sciences Cluster Report – does not include BioTech Patents

# How 11 States Attracted the Smartest Scientists

**Appendix Table 1. Description of State Biotech Incentives**

<b>State</b>	<b>Year</b>	<b>Credit Type</b>
Maryland	2008 - present	Income Tax Credit for early-stage biotech companies
Massachusetts	2009 - present	"Life Sciences Tax Incentive Program": Investment tax credit, special sales tax exemptions, refundable research tax credit
New Jersey	1996 - present	"Business Employment Incentive Program" (BEIP). Broad-based grant for job creation, with a lower job-creation qualifying threshold for biotech and "emerging high technology." Also provides financial assistance for companies in these sectors.
Arkansas	2003 - present	JCTC, Sales tax refunds, and R&D Tax credits with higher subsidies for "targetted businesses," which consists of: (i) Advanced materials and manufacturing systems; (ii) Agriculture, food and environmental sciences; (iii) Biotechnology, bioengineering and life sciences; (iv) Information technology; (v) Transportation logistics; and (vi) Bio-based products."
Colorado	1999 - present	Biotech Sales and Use Tax Refund
Washington	2004 - present	High Tech Business & Organization Credit for R&D Spending, Includes the "Biotechnology & Medical Device Manufacturing Sales & Use Tax Deferral/Waiver"
Maine	1997 - present	Sales tax exemption on machinery, equipment, instruments, and supplies for biotech research
Missouri	1999 - 2003	State & local sales or use tax exemption for life sciences companies (which is just slightly broader than the sales and use tax exemptions available to most manufacturers)
Florida	2002 - present	Specialized incentives and tax credits, (more technically, the biomedical industry was re-classified as "high-impact", so that qualified companies could be eligible for the state's preexisting capital investment tax credits and the High Impact Performance Incentive (a JCTC-type program)
North Carolina	1984 - present	Has the North Carolina Biotechnology Center which make low interest loans to biotech start-ups.
California	2004 - present	California Stem Cell Research and Cures Act, which provides biotech research grants

\* Source – Washington Post 8/12/2013