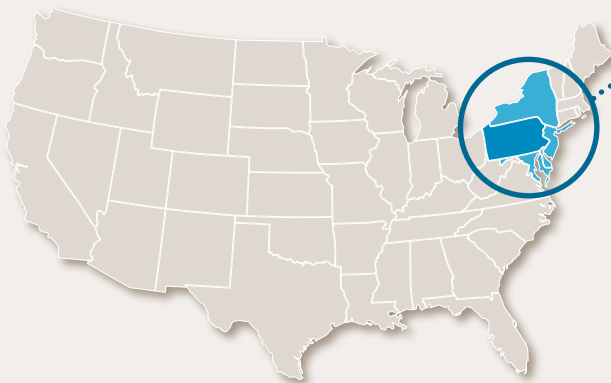


# Pennsylvania's Life Sciences

**Pennsylvania (PA) is known around the world as a leader in the biosciences industry.**

Home to premier universities conducting world-class research, companies of all sizes, a supportive state government, and sources of funding and business development assistance, the state attracts life sciences companies from around the world.

## UNITED STATES OF AMERICA



## DETAIL:

UNITED STATES OF AMERICA, EAST COAST



## SOME FACTS ABOUT PENNSYLVANIA:

Pennsylvania is a driver and supporter of innovation. Among America's 50 states, Pennsylvania ranks 4<sup>th</sup> in bioscience-related patents<sup>1</sup>, 4<sup>th</sup> among all states in bioscience academic R&D expenditures<sup>2</sup>, and 4<sup>th</sup> in total research awards from the National Institutes of Health<sup>3</sup>.

## BIOSCIENCE-RELATED PATENTS

Leading States	Total Patents
California	23,162
Massachusetts	7,250
New Jersey	5,790
<b>Pennsylvania</b>	<b>5,041</b>
New York	4,975

## ACADEMIC BIOSCIENCE R&D EXPENDITURES

Leading States	Total in \$ (Thousands)
California	\$4,395,602
New York	\$2,677,763
Texas	\$2,449,890
<b>Pennsylvania</b>	<b>\$1,614,981</b>
North Carolina	\$1,517,418

1. Source: Battelle calculations based on USPTO/Delphion data and U.S. Census Bureau population estimate.

2. Battelle calculations based on National Science Foundation (NSF) data.

3. Fiscal Year 2009.

# Pennsylvania's Life Sciences

**Pennsylvania has many workers skilled in biotechnology.** There are currently more than 80,000 PA citizens employed in the industry, and the state contains a large number of prestigious universities and research institutes, including the *University of Pittsburgh*, the *University of Pennsylvania*, *Pennsylvania State University*, the *Wistar Institute*, and the *Fox Chase Cancer Center*.<sup>4</sup>

**Pennsylvania Is Already the Location of Choice for Many Life Sciences Companies.** 1,895 establishments – including biotechnology, pharmaceutical, medical device, diagnostic, contract research, and laboratory equipment suppliers – are currently located in PA.<sup>4</sup>

**Pennsylvania Has a Supportive State Government.** PA has a group of novel, highly effective programs that work in a coordinated way specifically to advance the life sciences industry. *The CURE Fund* supports leading research institutions and the health priorities developed by an Advisory Panel to the Department of Health; the *Life Sciences Greenhouses* fill a critical gap in seed-stage funding for emerging companies; and *The Health Venture Investment Account* encourages venture capitalists to focus on Pennsylvania-based companies.

## SOME HELPFUL RESOURCES:

Altoona-Blair County Development Corporation  
[www.abcdcorp.org](http://www.abcdcorp.org)

Ben Franklin Technology Partners-Central  
[www.nep.benfranklin.org](http://www.nep.benfranklin.org)

Ben Franklin Technology Partners-NEP  
[www.nep.benfranklin.org](http://www.nep.benfranklin.org)

Chamber of Business and Industry of Centre Co.  
[www.cbicc.org](http://www.cbicc.org)

Harrisburg Regional Chamber & CREDC  
[www.harrisburgregionalchamber.org](http://www.harrisburgregionalchamber.org)

Innovation Partnership  
<http://innovationpartnership.net>

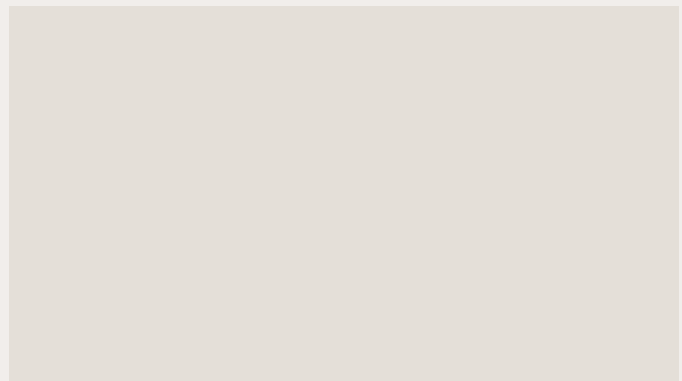
Kutztown Small Business Development Center  
[www.kutztown.edu/acad/sbdc](http://www.kutztown.edu/acad/sbdc)

Lehigh University Small Business Development Center  
[www.lehigh.edu/sbdc](http://www.lehigh.edu/sbdc)

Murata Business Center  
[www.muratabusinesscenter.com](http://www.muratabusinesscenter.com)

Pennsylvania Bio  
[www.pennsylvaniabio.org](http://www.pennsylvaniabio.org)

## FOR MORE INFORMATION, CONTACT:



4. Source: [www.pennsylvaniabio.org](http://www.pennsylvaniabio.org)