

INSIGHTS

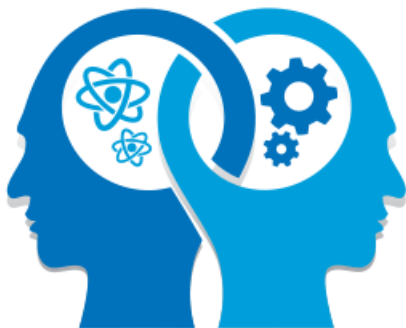
OUTCOMES

Making the possible practical every day

Connecticut has become a nucleus of bioscience advances—from groundbreaking research in personalized medicine to device manufacturing of the latest medical technology. Here are just a few of the reasons so many bioscience companies of all sizes are taking maximum advantage of the state's dynamic intersection of intellectual capital and practical expertise.

#6 In U.S. for percentage of science and engineering doctorates in the workforce

33% higher concentration of high-tech workers than national average



National Science Foundation 2014; Calculations by CERC

An environment conducive to biodiversity

Groundbreaking researchers—and world-class manufacturers. Data-savvy health insurers—and first-tier health providers. Pharmaceutical pioneers—and global medical device leaders. All kinds of bioscience innovators find Connecticut a supportive environment for growth.

High-level talent...at all levels

Bioscience businesses are particularly dependent on a highly educated, highly skilled workforce; just what Connecticut has in abundance. In fact, Connecticut has the sixth-highest concentration of science and engineering doctorates in the nation.

No wonder, given that the state is also home to such top educational research institutions as the University of Connecticut and Yale University. Just as important, it also has a concentration of high-tech workers who are capable of filling a wide array of jobs in the bioscience sector.

Support for every stage of development

The *still revolutionary* state of Connecticut has clearly demonstrated its commitment to serving as a center for biomedical advances. Over the past decade alone, it has invested billions in supporting bioscience companies at all stages of growth through a variety of programs.

For example, the state's Bioscience Connecticut Initiative invested \$1 billion to expand the University of Connecticut's Health Center and to develop the Jackson Laboratory Genome Research Facility. By 2037, Bioscience Connecticut is projected to create more than 16,000 new permanent jobs and generate additional personal income of \$4.6 billion.

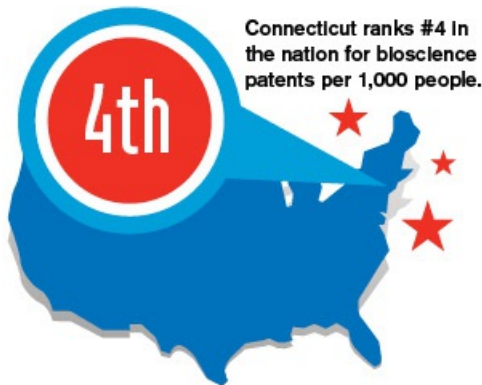
Source: *The Economic Impact of Bioscience Connecticut*, May 2011.

Significant public *and* private investment

The state government is just one of Connecticut's many supporters of the bioscience sector. The state's academic institutions, as well as its venture capitalists and public partners, invest a significant percentage of their resources in bioscience research and development. In fact, the NIH awarded Connecticut \$445 million in funding in FY 2013.



Source: Connecticut's Bioscience Industry Research Report, 2011.



Source: Batelle/BIO State Bioscience Jobs, Investments and Innovation, 2014; National Science Foundation, 2012.

A national leader in bioscience patents

All of that investment in bioscience R&D is definitely generating real, tangible results. Connecticut's bioscience sector employs over 35,000 workers in over 2,000 companies. And, every new job in the industry results in an additional 1.33 jobs created. And patentable discoveries that are changing the practice of medicine around the world.

Source: Economic Modeling Specialists; CERC calculations

INSIGHTS



Connecticut Stem Cell Research Fund (BASIC RESEARCH)

Connecticut Bioscience Innovation Fund (STARTUPS)

Connecticut Innovations (STARTUPS TO LATER STAGE)

Small Business Express Program (> 1 YEAR)

Connecticut Manufacturing Innovation Fund (ESTABLISHED COMPANIES)

OUTCOMES

