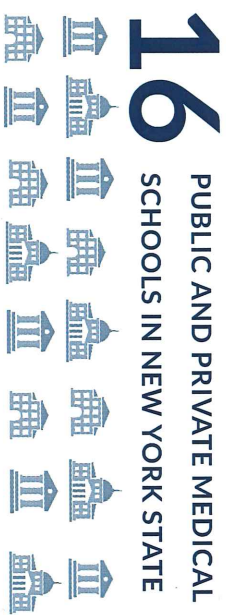


BIOMEDICAL RESEARCH IN NEW YORK STATE

New York's academic medical centers lead the nation in physician training and biomedical research, and are an important driver of the state economy. They account for:



\$85+ billion in economic impact

One out of every 11 jobs

\$7.5 billion generated by research

\$1 of every **\$13** generated in the state

700,000 total jobs

SOURCE: TRIPP UMBACH, 2010

IMPACT OF RESEARCH INVESTMENT

New York is third in National Institutes of Health (NIH) funding, behind California and Massachusetts.



BETWEEN 2003 AND 2012: NIH funding in New York totaled **\$20 billion**.

IN 2013: federal deficit reduction cost New York **\$100 million** in lost NIH research funds—funding that will not be restored in future NIH budgets.

- **IN 2013:** NIH awarded nearly **\$2 billion** to New York researchers.
- **177 institutions** funded by NIH received **4,814 grants**.
- NIH funding alone supports more than **30,000 jobs** in New York State.

STATE INVESTMENT IN BIOSCIENCE FUELS JOB GROWTH

California, Massachusetts and Texas have each invested billions of dollars in biomedical research (far exceeding New York), and have as a result seen up to **49% growth in research jobs**. Connecticut has recently committed to spending nearly **\$2.5 billion** to spur growth in the life sciences.



SOURCE(S): CALIFORNIA INSTITUTE FOR REGENERATIVE MEDICINE, MASSACHUSETTS LIFE SCIENCES CENTER, STATE OF CONNECTICUT, CANCER PREVENTION RESEARCH INSTITUTE OF TEXAS

BIOMEDICAL RESEARCH IN NEW YORK STATE

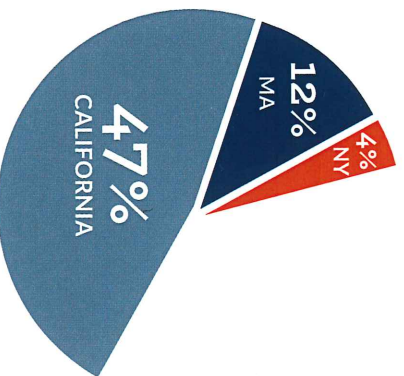
New York's medical schools house the intellectual capital and research infrastructure to create next-generation diagnostic and therapeutic technologies, and to launch successful startup bioscience companies.

VENTURE CAPITAL INVESTMENT

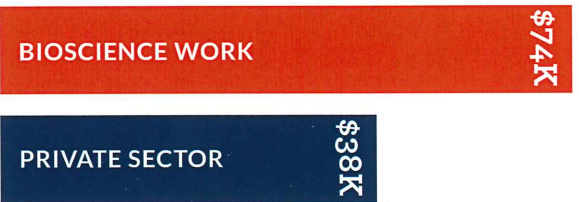
\$30 billion

of venture capital (VC) invested nationwide over the past five years has gone mostly to states that invest in biomedical research.

- 4% of total U.S. VC investment in bioscience goes to New York State companies.
- Only 9% of bioscience VC funds managed by New York firms remain in New York.



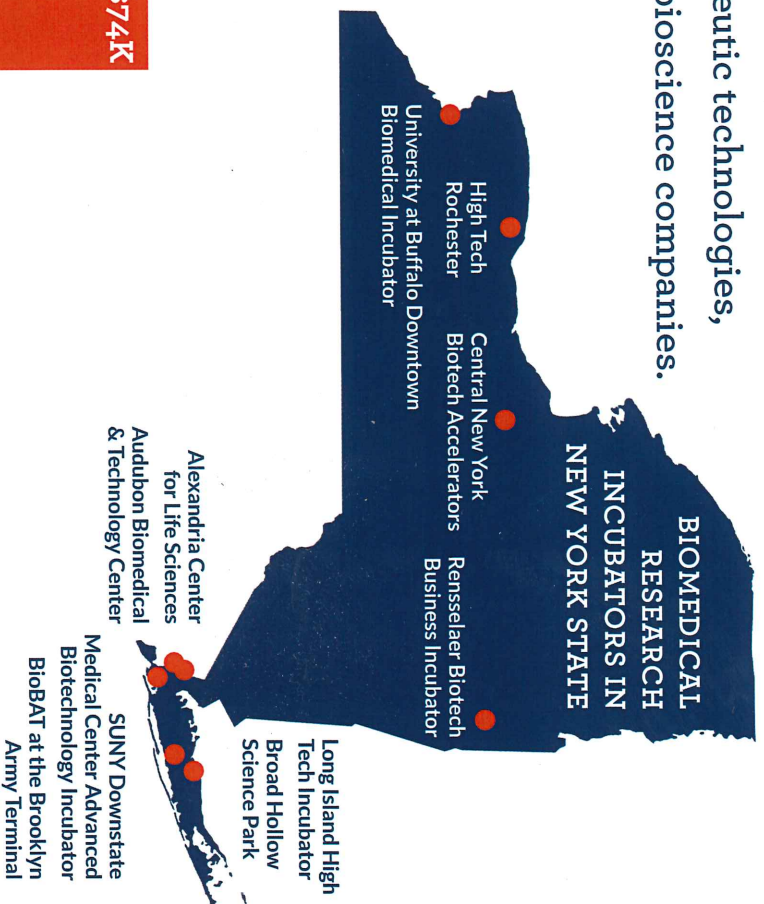
SOURCE: EXCELL PARTNERS, VENTURE CAPITAL & SEED ACTIVITY IN NYS: STATISTICS FOR UPSTATE AND DOWNSTATE, 2009.



AVERAGE WAGE

New York is home to nearly **75,000 bioscience jobs**, with average wages of **\$74,000**, as compared to the average private sector salary of **\$38,000**.

SOURCE: BATTLE/BIO 2012 STATE BIOSCIENCE INDUSTRY DEVELOPMENT REPORT



The Associated Medical Schools of New York (AMSNY) is a consortium of the 16 public and private medical schools across the state. Its mission is to promote high quality and cost-efficient health care by assuring that the medical schools of New York State can provide outstanding medical education, care and research.



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