



“Innovation drives better care and stronger communities across Massachusetts. By advancing new treatments, technologies, and ideas, our hospitals help ensure the commonwealth remains a leader in health and opportunity.”

Anne Klibanski, M.D.

President and CEO,
Mass General Brigham
Chair, MHA Board of Trustees



INNOVATION: Driving Cures, Careers, and Care

The Massachusetts healthcare sector, with hospitals and health systems at its center, fuels the innovation economy that defines the commonwealth. It draws \$4.3 billion annually in research funding from the federal government. In turn, those investments are spread across the countless organizations, municipalities, and sectors that keep research and innovation humming.

The clinical trials occurring at hospitals are the catalyst for disease-curing, life-saving interventions that are adopted around the globe. Massachusetts has always been an innovator in medical care and is a prestige training ground for thousands of resident physicians and nurses who will continue the tradition of Massachusetts-grown medical excellence in the decades to come.

LIFESAVING INNOVATION

Hospitals and health systems keep Massachusetts at the forefront of global leadership:

Fueling

\$4.3 BILLION

annually in federal research funding that is spread throughout sectors and communities

5,700 ACTIVE CLINICAL TRIALS

helping save lives here and around the world

TRAINING THE NEXT GENERATION:

-  4,600+ medical residents and
-  4,000+ nursing graduates each year

LOCAL BREAKTHROUGHS



FROM THEN...

-  First use of x-rays and anesthesia
-  First successful heart valve surgery and organ transplant
-  Discoveries that led to vaccines for polio and measles
-  First successful use of chemotherapy for cancer

...TO NOW

-  Discovered genes for Alzheimer's disease
-  First pediatric gene therapy administered
-  Developed leading COVID-19 vaccines
-  Pioneering CAR-T therapies
-  Large-scale deployment of AI tools for radiology

Sources: U.S. agency websites (National Institutes of Health, Centers for Disease Control and Prevention, National Science Foundation, Centers for Medicare and Medicaid Services) Clinicaltrials.gov

Massachusetts Executive Office of Health and Human Services; Statistics about Massachusetts nursing licenses