

Life Sciences Corridor

SOMERVILLE CAMBRIDGE BOSTON QUINCY BRAINTREE



Biogen Idec Headquarters

Courtesy of Alexandria Real Estate Equities, Inc.



Longwood Center



Vertex Pharmaceuticals Headquarters

Life Sciences Corridor

SOMERVILLE CAMBRIDGE BOSTON QUINCY BRAINTREE

The Life Sciences Corridor is sustained by skilled labor force availability, access to leading universities, the existence of established innovative research and development districts, proximity to major research hospitals, and presence of venture capital resources, all within the world's leading life sciences cluster. Companies located in these cities are also able to take advantage of funding programs offered by the Massachusetts Life Sciences Center; backed by a ten-year, \$1 billion state investment initiative.

Our Companies:

- The Life Sciences Corridor is home to over 450 companies within the Life Science Industry Cluster.
- The Life Sciences Corridor boasts occupancy of the largest biopharmaceutical companies in the world: Biogen, Sanofi-Aventis, Novartis, Pfizer, Johnson & Johnson's Innovation Center, Merck & Co, Vertex Pharmaceuticals, Glaxo Smith Klein, Boston Scientific, Haemonetics among others.
- The Longwood Medical Area (LMA) hosts world-famous medical campuses such as: Brigham & Women's Hospital, Children's Hospital, Dana-Farber Cancer Institute, Harvard Medical School, Harvard School of Public Health, Harvard School of Dental Medicine, Merck, and other healthcare, research, and educational institutions. The LMA has more than 45,000 scientists, researchers and staff and over 21,000 undergraduate and graduate students.



The Life Sciences Corridor is connected by the Massachusetts Bay Transit Authority (MBTA) Red Line. This subway line serves as a connective link between participating communities.

The MBTA Commuter Rail system serves as the heavy rail arm of the MBTA's transportation coverage of Greater Boston.

All 5 cities are easily accessible by major highways and transportation networks. Logan International Airport is just 15 minutes away, whether by train, boat, bus or car.

The Life Sciences Corridor is focused on Transit Oriented Development (TOD) which is mixed use residential and commercial development designed to maximize access to public transit.



A Platinum Rated Corridor

Cambridge, Boston and Quincy are Platinum Rated; the highest rating given by MassBio as part of its BioReady Communities Campaign. Expedited permitting policies, by-right zoning, supportive public infrastructure projects, pre-permitted biotech sites, and planned area developments are examples of the increasingly supportive public policies in the Life Sciences Corridor.

Somerville

Alewife **T** Davis **T**

• Tufts University

Porter **T**

Cambridge

Harvard University
Harvard **T**

Harvard Business School
Central **T**

Kendall/MIT **T**

Charles/MGH **T**

Park Street **T**

Downtown Crossing **T**

South Station **T**

Broadway **T**

Boston

Andrew **T**

JFK/UMass **T**

Savin Hill **T**

Fields Corner **T**

Shawmut **T**

Ashmont **T**

Quincy

North Quincy **T**

Wollaston **T**

Quincy Center **T**

Quincy Adams **T**

Braintree

Braintree **T**

Logan International Airport **X**





Life Sciences Corridor



SOMERVILLE

SOMERVILLE is a city of approximately 78,000 residents; we're part of the "Knowledge Triangle" formed by nearby Harvard, MIT and Tufts. Identified by the Boston Globe as the "Best Run City in Massachusetts", Somerville boasts a well-educated and diverse population that sees more than half the residents holding a bachelor's degree or higher.

From its historic and mostly blue collar industrial traditions, Somerville has evolved into a thriving but still funky mix of families, artists and innovators. We're at the center of the "Maker Movement", with thriving businesses such as Artists Asylum and Fringe Union. The Commonwealth's largest and most successful clean energy incubator, Greentown Labs, recently decided to make Somerville their home. We're one of the most walkable, bikeable cities in the nation. The first new MBTA Orange Line Station in thirty years will open this summer at Assembly Row. The Green Line Extension project, which will further link Somerville to downtown Boston and Cambridge, is under construction. In 2017, Partners Health Care will relocate nearly a million square feet of their operations into newly built space in Somerville.

CAMBRIDGE Steeped in history, Cambridge continues to be one of the most innovative cities. Revolutionary thinking forms the backdrop for the current growth in genomic research, nanotechnology and brain science. Full of diversity, culture and unique neighborhoods, the City of Cambridge is a great place to live, work and discover. Known for its eclectic mix of locally owned boutiques and stores, shopping in Cambridge is a veritable playground teeming with treasures you can't find beyond the city's limits. After working up an appetite in one of America's most walkable cities, visitors have no shortage of choices to satisfy their cravings in this foodie's paradise which is filled with talented James Beard nominees and award winning chefs. Cambridge is excited to be the world's major biotech center with the significant expansion of industry giants. Welcoming new people and ideas keeps Cambridge true to itself—a community which celebrates its history with an eye always towards the future.

Location

Logan International Airport has over 361,339 flights per year (2013) with 56 air carriers, 16 of which are international carriers.

Minutes from the Corridor: 34 islands and more than 3,000 acres to explore, camp, hike, boat, kayak, swim, and fish.

Over 50 miles of coastline boasting beaches and waterfront recreation.

City of Champions: Only city ever to win all four pro championships in 10 years.

The area includes more than 45 museums, dozens of theaters and is home to the world renowned Boston Pops Orchestra.

Space and Availability

The Life Science Corridor has over 27.7 million square feet of Research & Development /Lab (Existing, planned or under construction).

The Corridor has over 15 million square feet of lab space currently available.

Since 2007, just over 5 million square feet of commercial lab space has been added to the inventory in Massachusetts, now totaling 21,122,724 square feet.

The Corridor has more square feet for academic and research institution facilities than any other cluster in the nation.



CAMBRIDGE



BOSTON Boston is one of America's oldest cities, with a rich economic and social history. What began as a homesteading community eventually evolved into a center for social and political change. Boston has since become the economic and cultural hub of New England. As the region's hub, Boston is home to over 645,000 residents. Boston has consistently ranked number one among the 25 largest cities in the U.S. in the percentage of the total population between the ages of 20-34. A full 35% of Boston's population falls in this age range. Boston-based jobs, primarily within the health care, educational, and service areas, numbered nearly 690,000 in 2013.

Innovation Centers

Within the Life Science Corridor are numerous innovation centers, shared office/laboratory space, and accelerator programs.

These facilities offer a variety of amenities and services, with connections to the region's intellectual talent, venture capital, angel investors and state agencies to bring your product or idea to market.

Many are within walking distance of the MBTA Red Line subway.

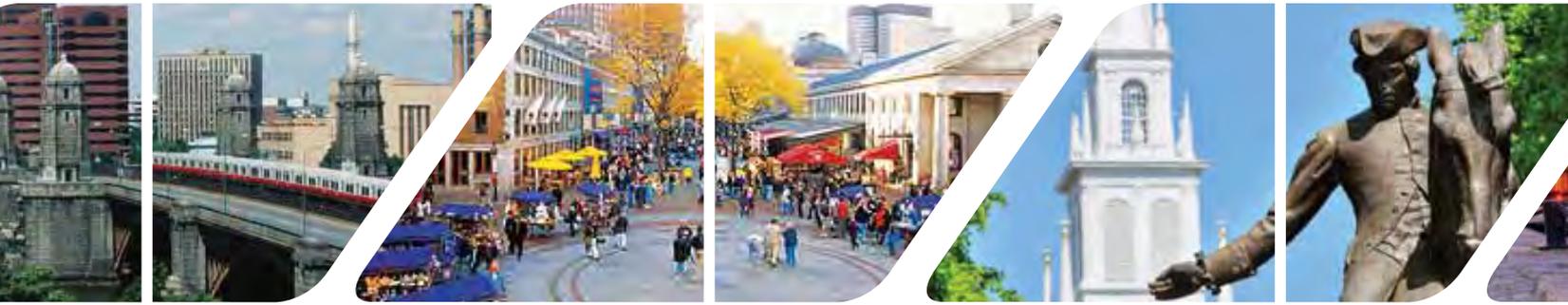
Home to the world's largest startup competition and accelerator program, MassChallenge, and the world's first free-standing public innovation center, District Hall.

NIH Funding

Since 1992, Boston has received over \$28.7 billion in total NIH funding.

Half of the top 18 NIH-funded independent research hospitals are located within the Life Sciences Corridor (FY 2012).

The Life Sciences Corridor has received over 2 billion in NIH Awards. Boston's total NIH funding for fiscal 2013 is \$1.72 billion extending Boston's streak as the nation's leading city in NIH funding to 19 consecutive years.



T

BOSTON



Center of Life Sciences

QUINCY Just minutes south of Boston awaits one of New England's most captivating destinations, the City of Quincy. Known as the "City of Presidents", Quincy is the home of the second and sixth U.S. Presidents, John Adams and his son, John Quincy Adams. Rich in historic treasures, recreation and adventure abound from the Blue Hills Reservation to Quincy Bay. In the South Shore's dining capital, culture and commerce blend to create an array of things to see and do year round. The City of Quincy will soon boast over one million square feet of by-right zoning for laboratory research and biomanufacturing space. Quincy's impressive past remains vibrant today as the city lays claim to an innovative culture as it embarks on a \$1.6 billion redevelopment of its downtown commercial center.

Access to Talent

With over 80 colleges and universities, the Corridor has the largest percentage of college students in the nation.

Cambridge is home to both Harvard University and the Massachusetts Institute of Technology. 72% of Cambridge residents have a Bachelors Degree or higher.

The region is home to the top medical schools in the country – Harvard Medical, Tufts University School of Medicine and Boston University School of Medicine.

Boston is home to 22 world-renowned teaching hospitals and academic medical centers.

Quincy is home to Quincy College, which has a brand new, state-of-the-art Biotechnology and Compliance center to train biomanufacturing and laboratory technicians.



QUINCY



BRAINTREE



Boston Scientific

BRAINTREE, located south of Boston within the Life Sciences Corridor, is a gateway to Southeastern Massachusetts. Centrally located at the junction of Route I-93 and Route I-95/128 and less than thirty minutes from Logan Airport, Braintree offers the ideal transportation connections to all points south. Braintree's great location was chosen by Haemonetics as their headquarters. Braintree offers diverse educational resources from which the life science sector can draw upon for a skilled workforce. Braintree also offers economical energy services through the Braintree Electric Light Department (BELD) for electricity, internet, cable and phone for all size business needs. Braintree is the model suburban community to work, live, and play.

Employment

The Life Sciences Corridor employs over 36,250 people in the life sciences sector.

Massachusetts biopharma industry has grown by 42% in employment over the past ten years.

There are an estimated 74,000 employees in Greater Boston within the industry sub-sectors of pharmaceuticals, biotechnology and medical devices; ranking the region as the 2nd in the nation for highest percentage of its workforce in these industries.

Research & Development

7% of Massachusetts's GDP is dedicated to Research & Development (more than any other state).

Massachusetts has more employment classified as Biotechnology Research and Development than any other state (27,883).

Massachusetts headquartered drug development contributes to 5% of the global and 11.3% of the U.S. pipelines.

Venture Capital Investment

Venture investment in MA rose to \$846 million in 2013.



CAMBRIDGE

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State Resources in support of the Life Sciences Sector



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