MASSACHUSETTS:
A GLOBAL INNOVATION HUB
The Massachusetts tech sector includes 180,000 employees with an estimated $65 billion of output, or 20% of the state's GDP.

Nearly 40% of our total employment is in the 11 key sectors of the Innovation Economy.

The #1 new economy state in 2012 as ranked by the Information Technology & Innovation Foundation.

Recent Bureau of Labor Statistics reports rank Massachusetts #2 in high tech job growth, at 5.5% growth.

From 2005–2010, the total wages paid in the Massachusetts Innovation Economy grew 23%.

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Unless otherwise cited, all statistics are referenced from MassTech’s Annual Index of the Innovation Economy.
Massachusetts Leads in...

Investment:
- Massachusetts led the Leading Technology States in Venture Capital investments per capita in 2011.

Technology Development:
- Massachusetts led the Leading Technology States* in the number of patents granted on a per capita basis in 2010. We rank 7th (after Sweden, Switzerland, Finland, Israel, South Korea, and Netherlands) in the number of patents relative to GDP.

Business Development:
- 4.5% of all IPOs in the U.S. in 2010 were Massachusetts-based.

*Leading Technology States as benchmarked in MassTech’s 2011 Innovation Index include California, Connecticut, Maryland, Minnesota, New Jersey, New York, North Carolina, Pennsylvania, and Virginia.
Talent:

• 44.6% of our working age population holds a bachelor’s degree or higher, ranking first among Leading Technology States & the U.S.
• We rank first among Leading Technology States in college educated adults migrating to the state from other states and abroad.

Research:

• We’re home to global leading research institutions.
• Massachusetts’ research institutions attract the largest share of the National Institutes of Health (NIH) funding per capita and account for 11.2% of total NIH funding in 2010.
• Massachusetts has the most R&D intensive economy of leading states and countries when measured as a % of GDP - at almost 7%
Our innovators, thinkers, policymakers and researchers prioritize and invest in innovation within a **collaborative leadership model at the state level**, led by our Governor.

Together we support and nurture talent, take on initiatives that spur innovation, and help build a culture where entrepreneurship can thrive.

MassTech is a convener and catalyst in that coordinated leadership network designed to support innovation and growth in the technology sector.
MassTech convenes industry, academia, and government to accelerate innovation and foster a vibrant economy.

We are working to:
• Enhance economic growth within industry clusters & regions;
• Accelerate technology use and adoption across the state; &
• Harness the value of research collaborations.
We foster innovation, collaboration and growth within and across key technology sectors

- Digital Technology
- Hardware
- Software
- Big Data
- Robotics
- Digital Marketing
- Digital Games
- e-Commerce
- Mobile Communications
- e-Health / Health IT
- Advanced Manufacturing
- Cybersecurity
We support talent retention, entrepreneurship, and regional economic growth initiatives.
We advance connectivity across the state by:

- Increasing access to high-speed internet by building a broadband network for underserved areas of the state;
- Advancing broadband usage and adoption by residents and small businesses;
- Driving adoption of electronic health records by all the state’s health care providers; &
- Supporting the health care community’s connection to the state’s Health Information Exchange.
We harness the economic opportunity and value of research by supporting, producing or funding research initiatives, and encouraging greater collaboration with industry to help bring ideas to market.
Massachusetts innovation support technology providers healthcare program eHealth state Commonwealth regional health hospitals providers electronic art growing competitive global partners eHealth technologies digital work companies support broadband industry MassChallenge MassBroadband technology economy local health care Mass information part statewide support helping development partnerships Institute MassTech Helyoche organizations leadership institutes massachusetts regional health care Mass information part statewide support helping development partnerships Institute MassTech Helyoche organizations leadership institutes massachusetts regional health care Mass information part statewide support helping development partnerships Institute MassTech Helyoche organizations leadership institutes.
Using an innovative, stakeholder-led process, the Innovation Institute at MassTech helps identify and develop opportunities for economic growth and supports industry-led initiatives within the innovation economy.

Working region by region and sector by sector, the Innovation Institute partners and invests with academia, businesses, government, and civic organizations to help create conditions for a vibrant and growing innovation economy across the Commonwealth.
The Massachusetts Broadband Institute at MassTech is working to extend affordable high-speed Internet access to all homes, businesses, schools, libraries, medical facilities, government offices, and other public places across the Commonwealth.

MBI is building the MassBroadband 123 network to extend broadband access across central and western Massachusetts, and works to promote broadband usage by our residents and small businesses.
The Massachusetts eHealth Institute at MassTech is leading the state’s efforts to further innovation in health IT across the Commonwealth.

MeHI is the state's entity for health care innovation, technology, and competitiveness and is advancing the adoption of health IT throughout Massachusetts, including the deployment of electronic health records systems in all health care provider settings and networking them through the Mass HIWay, the state’s health information exchange.