LMA THEMES

- LMA is the Foundation of the MA Innovation Economy

- Growth has been Consistent with City and State Smart Growth Policies

- Funding for Transportation is essential for the future of the LMA and for the State
Foundation of the Massachusetts Innovation Economy

• Education and health care provide the largest number of jobs in the state

• LMA employees live in every political district
LMA GENERATES 800 NEW JOBS/YEAR

- 46,260 Employees
  - 31% Boston residents
  - 83% are medical employees
- Avg. 6,600 job openings annually
- Annual state income tax revenue $133.7 million on $2.5 billion payroll (up 12% since 2010)
LMA WORKFORCE REMAINS STABLE

**Workforce**

<table>
<thead>
<tr>
<th>Year</th>
<th>Number of LMA Workers</th>
</tr>
</thead>
<tbody>
<tr>
<td>1993</td>
<td>5,000</td>
</tr>
<tr>
<td>1997</td>
<td>10,000</td>
</tr>
<tr>
<td>2001</td>
<td>15,000</td>
</tr>
<tr>
<td>2005</td>
<td>20,000</td>
</tr>
<tr>
<td>2008</td>
<td>25,000</td>
</tr>
<tr>
<td>2010</td>
<td>30,000</td>
</tr>
<tr>
<td>2013</td>
<td>35,000</td>
</tr>
</tbody>
</table>

- **Educational**
- **Medical**
- **Total**

**Graph:**

- **Y-axis:** Number of LMA workers (5,000 to 50,000)
- **Legend:**
  - Educational
  - Medical
  - Total

**Observation:**

The workforce remains stable over the years, with the total number of workers consistently increasing from 5,000 in 1993 to 35,000 in 2013.
LMA IS A CENTER OF HEALTHCARE INNOVATION

- 95,440 annual inpatient admissions
- 2.5m annual outpatient visits
- Nearly half (1,853) of all of Boston’s acute care hospital beds
- 44% of all outpatient visits and 46% of all inpatient admissions to Boston hospitals
The LMA research enterprise attracted $1.02 billion in NIH funding (42% of MA total)

If the LMA were a state it would rank 7th in the nation after NC, before TX

Our researchers seek causes of both common and rare diseases (diabetes, cancer, cardiovascular, AIDs, sleep apnea, genetic disorders) and accelerate cures for the community
21,800 Students

- 18,500 Colleges of the Fenway Students
  - 64% of COF alumni/ae live in MA
  - 5% international
- 35% are graduate, MD, and PhD students
110,800 people coming to the LMA daily

- In addition to 46,260 employees, 21,800 students, and 2.6 million in- and out-patients there are:
- 4 million visitors annually on average
- Others regularly in the LMA include contracted vendors, continuing ed. students, physician providers and researchers not on payroll, volunteers, etc.
LMA Growth has been Consistent with City and State Smart Growth Policies
LMA Makes Positive Contributions to the Region
There are over 2m sf of member space within a one mile radius of the LMA.
Nearly 14,000 (31%) LMA employees live in Boston

Top Neighborhoods:

- Walk to Work: Fenway/Kenmore #1 neighborhood with 13% of LMA’s Boston employee residents
- Dorchester and Jamaica Plain (nearly 13%)
- Mission Hill and Roxbury (11%)
LMA GROWTH IS CONSISTENT WITH POLICIES

• Housing students in 2,295 new beds on college campuses since 2001

• Development of the largest cluster of LEED Buildings (20) in Boston

• Reduce traffic congestion, concentrate tertiary care and research, locate ancillary space near-site
THE LMA HAS GROWN SUSTAINABLY (2015)

LEED Buildings (20)
- LEED Gold (12)
- LEED Silver (3)
- LEED Certified
- LEED Certifiable (5)
- LEED Commercial Interior Renovations - All Levels (11)
- Under Construction/ Pending Certification (3)

Cool Roofs
- Green Roof (4)
- Green Space over Building (3)
- + 31 Reflective (white) Roofs
• Solid waste reduced by 16%

• 30% of total waste recycled or composted a 32% increase

• 2014 State compost requirements not reflected.
LMA TAKES ACTION ON SUSTAINABILITY

GREEN@LMA
Longwood Medical and Academic Area activities for a sustainable environment

Also in this issue:
Brigham's Energy Savings Help Contain Costs for Patients . . . 2
Wentworth's New Dorm on the Block . . . 3
New Fleet More Energy Efficient . . . . 4
COF Sees Success Composting with Casella . . . . . . . . 4

Green Spotlight
New Patient Garage: Park or Parking?
LMA GIVES BACK TO THE COMMUNITY

- 548 youth and adult community programs reported in 2013
- 306 youth programs
- 26,700 reported community participants (32% increase from 2006)
• Provision of $74.5 million in Net Charity Medical Care for those who cannot pay

• Increase in City PILOT to $6.8m in FY14

  ▪ Continue growth of good jobs, with up to 13,200 more employees projected by 2030
Funding for Transportation is essential for the future of the LMA and for the State
### Other Corridors

<table>
<thead>
<tr>
<th>Location</th>
<th>Employees</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>VT</td>
<td>26</td>
<td>0.1%</td>
</tr>
<tr>
<td>Western MA</td>
<td>65</td>
<td>0.1%</td>
</tr>
<tr>
<td>CT</td>
<td>102</td>
<td>0.2%</td>
</tr>
<tr>
<td>ME</td>
<td>115</td>
<td>0.3%</td>
</tr>
<tr>
<td>RI</td>
<td>397</td>
<td>0.9%</td>
</tr>
<tr>
<td>NH</td>
<td>737</td>
<td>1.6%</td>
</tr>
</tbody>
</table>

**LMA Employees Come from Across the State and New England**

*Map showing the distribution of LMA employees across different corridors.*

**LMA Workforce by Radial Road and Transit Corridors 2013**
INSTITUTIONS INCREASE FINANCIAL SUPPORT OF PUBLIC TRANSPORTATION

• $22 million in total spending on T-passes (230,000 passes)
  • 7.3% growth in annual T-passes sold (over 2010)
• $11 million in annual subsidies for employees (30-70% face value)
• MBTA service supplemented by $12 million in privately funded transportation
  • $8.4m funding for MASCO shuttles
THE LMA CONTINUES TO SHIFT EMPLOYEES AWAY FROM DRIVING

- Drive alone decreased by 19% since 2000
- Transit use increased by 12%
- Walking and biking increased by 7%
TRANSPORTATION ENHANCEMENTS ARE CRITICAL

Raise State transportation funding levels

• Yawkey Station and additional stops completed (2014)

• New station platform at Ruggles
  ▪ Secured TIGER funding (2014)
  ▪ Construction scheduled (2018)

• Rationalize and improve Crosstown bus services

• Implement pedestrian, cyclist, auto and bus improvements and amenities in a ‘Complete Street’ approach