

THE TRANSPORTATION DIVIDEND

TRANSIT INVESTMENTS AND THE MASSACHUSETTS ECONOMY

REPORT HIGHLIGHTS

Metropolitan Boston drives the Massachusetts economy. It houses 69% of its population, provides 74% of its jobs, and generates **84% of the Commonwealth's gross domestic product**. This type of density—and productivity—would not be possible without the MBTA.

We are now at a point where major investment is needed to bring our transit system into the 21st century and expand it for the sake of our economic growth potential. Analysis shows the economic benefits far outweigh near-term capital needs.

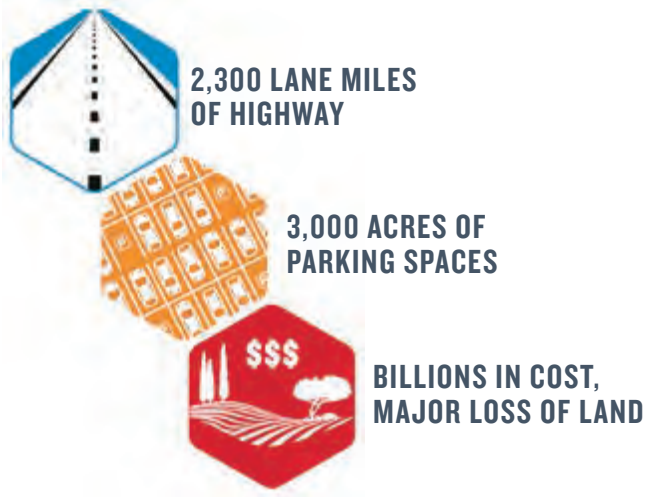
The 2018 report, *The Transportation Dividend: Transit Investments and the Massachusetts Economy*, shows that the future of the Massachusetts economy will be determined largely by the strength of our transit system and provides a clear strategy for future investment.

To view this report online (complete with links to sources), go to <http://www.abettercity.org/docs-new/TransportationDividend.pdf>.

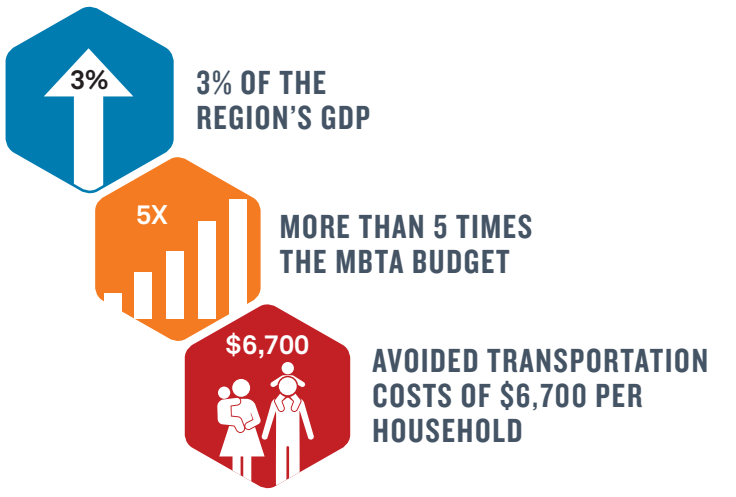
OUR INVESTMENT IN TRANSIT HAS PAID OFF.

The MBTA generates \$11.4 billion/year in benefits—a 5x return on our investment. These benefits include travel-time savings (more than \$7 billion/year) and travel cost savings (\$3.6 billion/year). Everyone benefits (even non-transit users) as these savings translate to \$6,700 per household in Metro Boston each year. Furthermore, our investment in transit has allowed us to avoid \$15 billion in infrastructure investments in added highway lanes and parking spaces.

\$15 Billion Infrastructure Needs Avoided



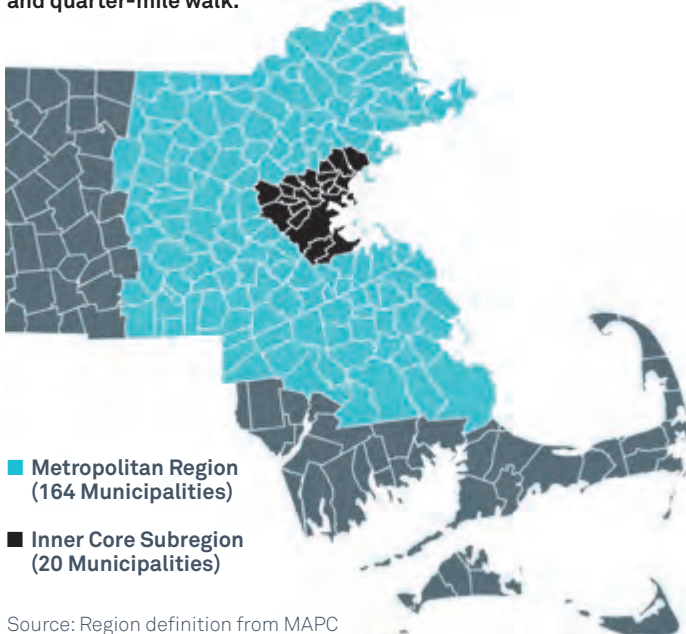
\$11.4 Billion Annual Regional Benefit



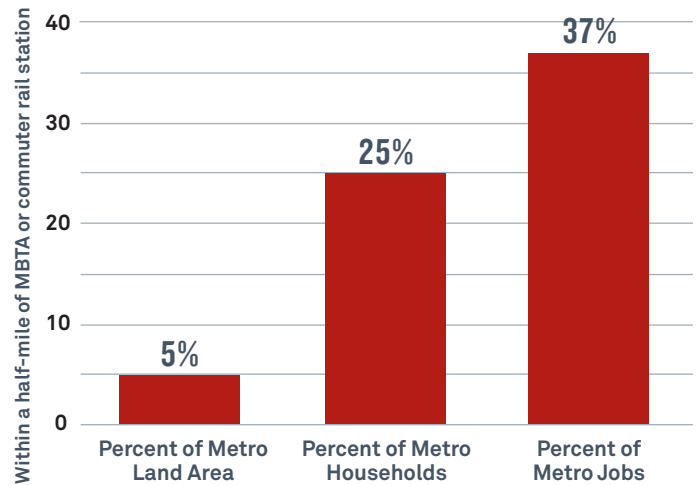
Source: AECOM. Note: Analysis based on a hypothetical "No MBTA" scenario.

METRO BOSTON'S GROWTH OVER THE NEXT TWO DECADES IS EXPECTED TO OCCUR DISPROPORTIONATELY NEAR TRANSIT AND IN THE 20 INNER CORE COMMUNITIES SERVED BY THE MBTA.

Denser development around transit provides employers with more prospective workers (labor shed) and workers with more job opportunities (job shed) within a 30-minute transit ride and quarter-mile walk.



Population and jobs are concentrated near MBTA transit and commuter rail stations (268 stations). Real estate located within a half-mile of those stations constitutes 38% of the aggregate property valuation on just 12% of the land.



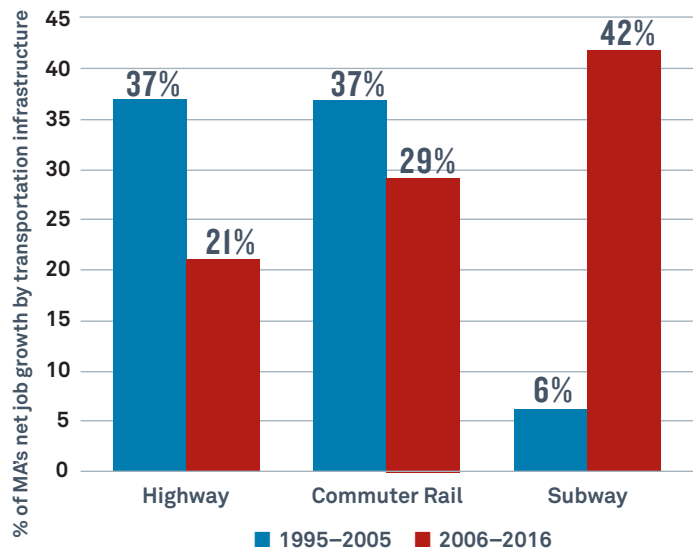
Source: AECOM. Compiled from MBTA Blue Book (2014), MAPC Growing Station Areas (2012).

THE HIGH-GROWTH, TRANSIT-ORIENTED AREAS IN THE SIX STRATEGIC CORRIDORS HIGHLIGHTED IN THIS REPORT PROVIDE ACCESS TO A MUCH HIGHER NUMBER OF EMPLOYEES AND JOBS THAN THE REGIONAL AVERAGES.



Source: AECOM

Across the MAPC region as a whole, the average job shed contains approximately 300,000 jobs, and the average labor shed contains ~150,000 workers. These averages are outstripped in the six strategic corridors, whose residents—if the MBTA system works reliably—can reach over 650,000 jobs and where businesses have a pool of more than 250,000 workers who can get there by a similar commute.



Source: MassINC analysis of ES-202 data provided by the Executive Office of Labor & Workforce Development. Note: Highway includes communities along major highways with no subway or commuter rail stations; commuter rail excludes communities with both subway and commuter rail service.

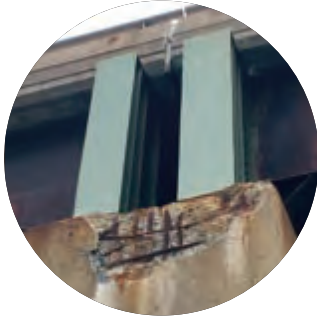
TO REALIZE OUR FULL ECONOMIC POTENTIAL, WE NEED TO STRATEGICALLY INVEST IN TRANSIT.

The levels of growth that are expected over the next quarter century cannot be accommodated without investing strategically and deliberately in transit. These investments should focus on the reliability, capacity and connectivity of the transit system to continue our strong trajectory of economic growth.

1

STATE OF GOOD REPAIR

Affects every growth cluster;
Hundreds of millions \$ in annual benefits



2

RAPID TRANSIT CORE CAPACITY

Red and Orange Lines underway;
Green and Silver Lines to follow



3

SERVICE ENHANCEMENTS

A. CREATE INFILL STATIONS
Tied to transit-oriented development



B. REIMAGINE COMMUTER RAIL
Urban rail and regional rail



C. MAKE BUS TRANSIT MORE RAPID
Customized solutions in key corridors



D. USE THE HARBOR
Passenger ferries integrated with the T



INVESTMENTS IN MBTA CAPACITY AND RESILIENCY ARE PREREQUISITES FOR THE BILLIONS OF DOLLARS OF PRIVATE SECTOR CAPITAL SEEKING TO FLOW INTO WALKABLE URBAN PLACES OVER THE COMING DECADES.

FOOT TRAFFIC AHEAD: RANKING WALKABLE URBANISM



WE HAVE THE CHANCE, THROUGH STRATEGIC INVESTMENT IN OUR TRANSIT SYSTEM, TO CONSOLIDATE OUR RECENT ECONOMIC GAINS AND ENSURE FUTURE PROGRESS.

To view the full report, go to <http://www.abettercity.org/docs-new/TransportationDividend.pdf>.

PRODUCED BY

WITH GENEROUS SUPPORT FROM

