State of the State: Key Challenges and Opportunities

Meeting of the Minds – Boston Mobility Summit

June 20, 2017

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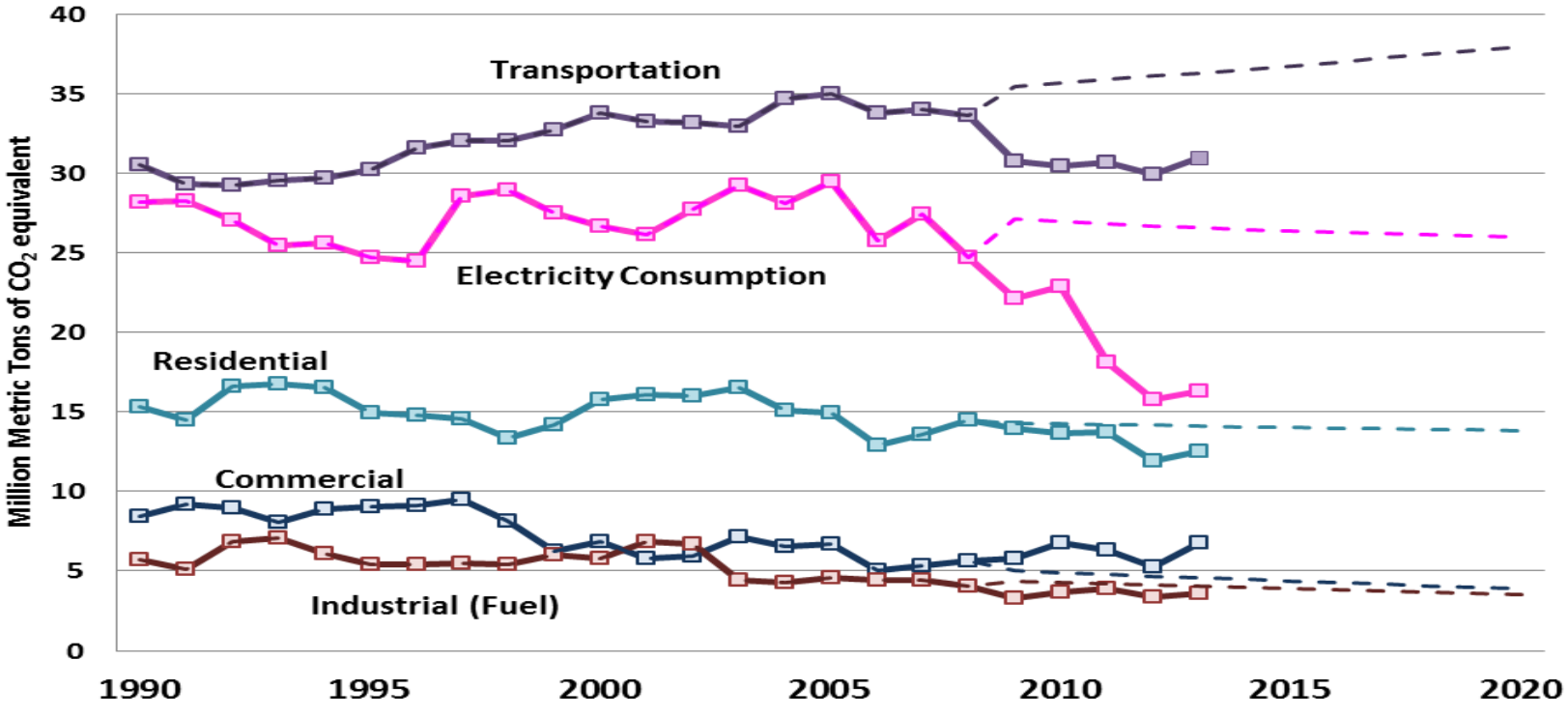
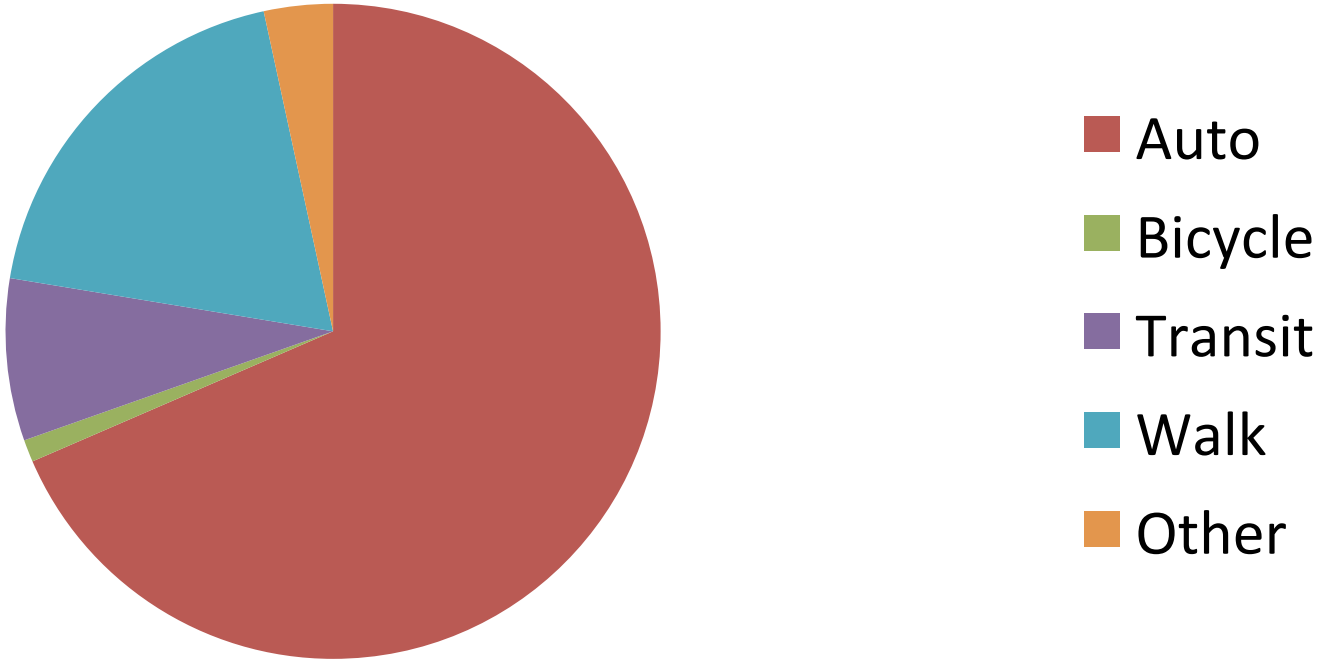
Challenge: Reducing Carbon Footprint



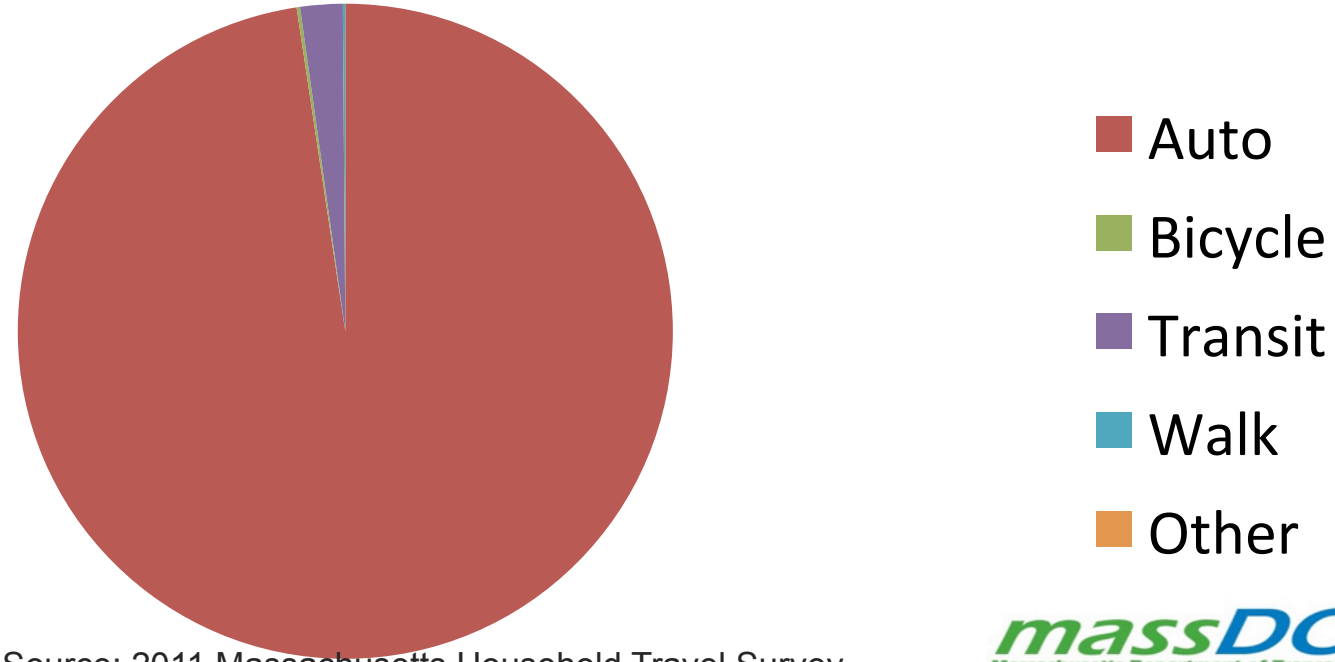
Source: MassDEP's Statewide GHG Emissions Baseline and Projection

“Anything But Cars” Share by Trip



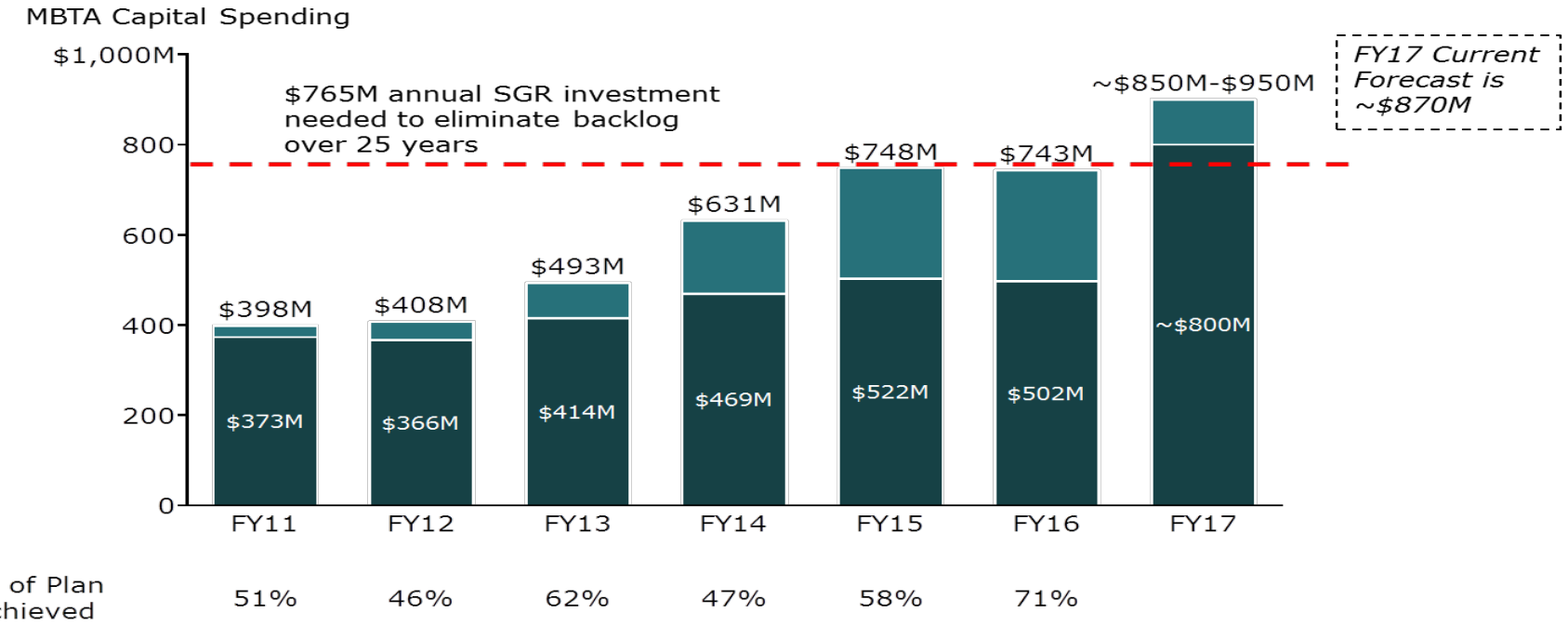
Source: 2011 Massachusetts Household Travel Survey

“Anything But Cars” Share by Miles Travelled



Source: 2011 Massachusetts Household Travel Survey

Challenge: Wise Spending on Capital

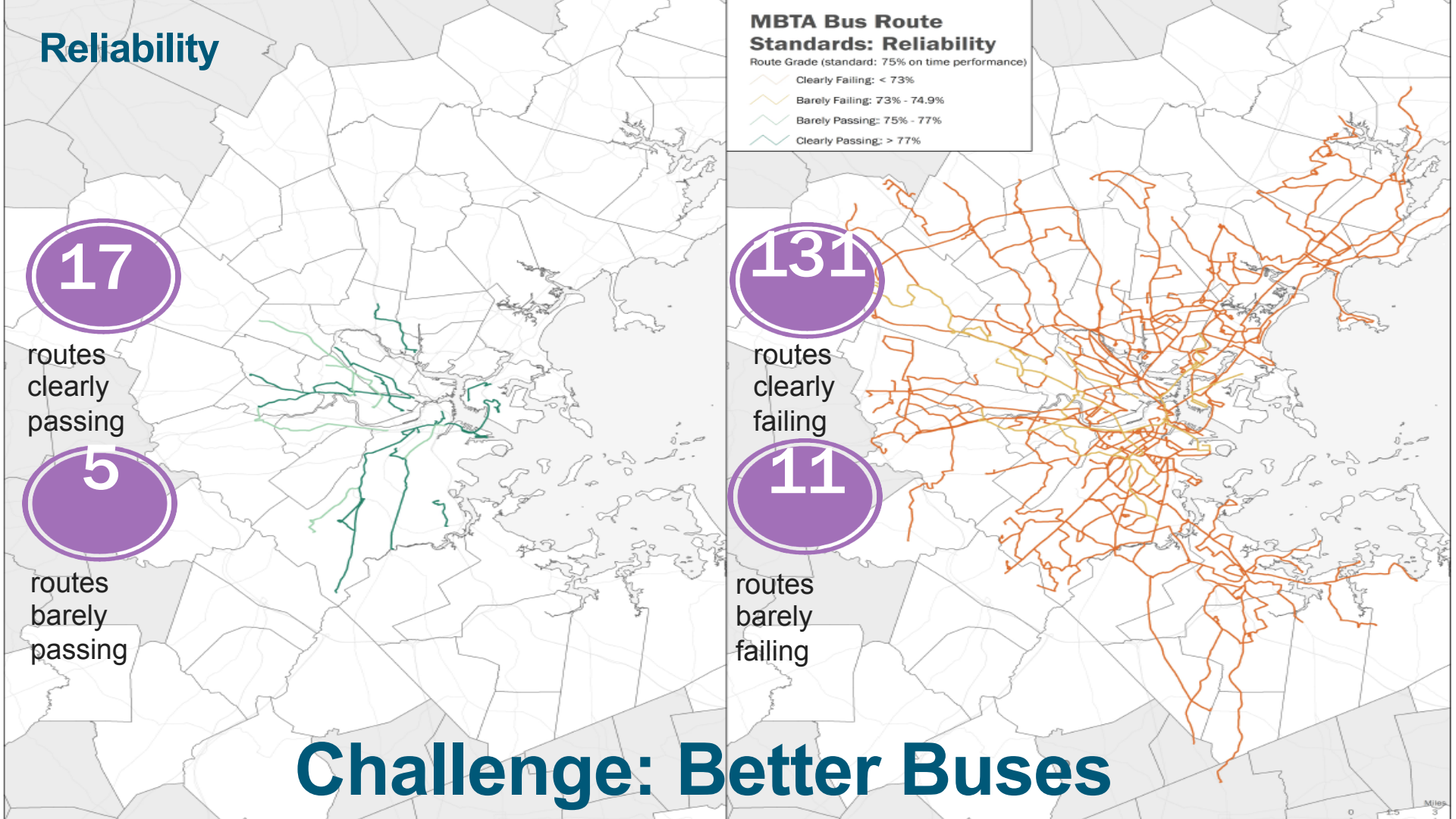


Challenge: Changing Agency Culture

MassDOT and the MBTA need to focus on

- **P**eople
- **P**riorities
- **P**erformance
- **P**artnerships

Reliability



Challenge: Better Buses

Opportunity: Toolbox for bus service improvements

Operational Changes
- All door boarding and faster fare collection
- Improved dispatching tools and procedures

Partnerships with municipalities
- Bus lanes
- Signal priority and queue jumps

Private sector partnerships

Capital Projects
- Fleet facilities
- Additional buses

Service Changes
- Routes alignment and stop spacing
- Frequency and span changes

Pilots are one method to test different tactics

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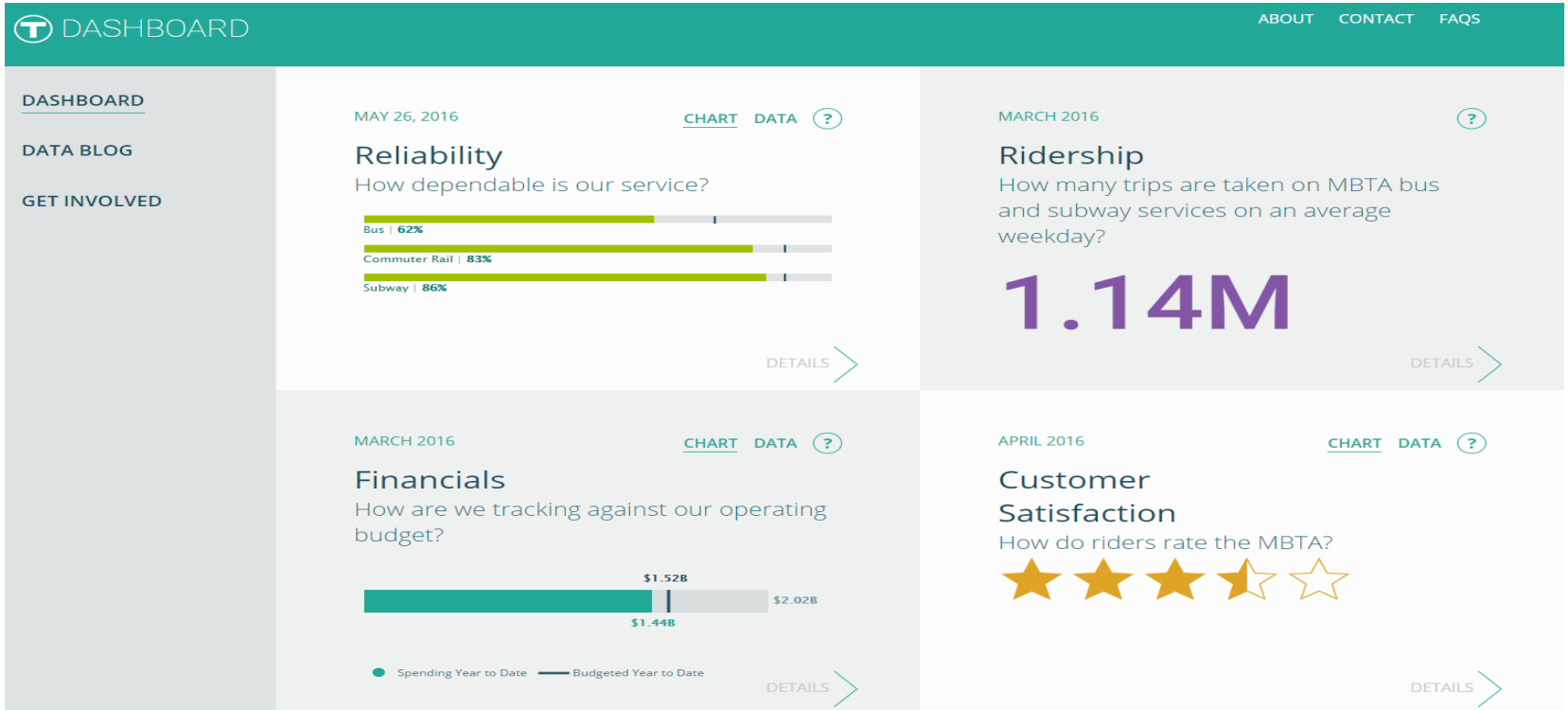
Opportunity: Performance Dashboard



Opportunity: Partnerships

Credit: Twitter / @MassGovernor

Governor Baker, MBTA Celebrate Expansion of The RIDE's On-Demand Paratransit Service

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Opportunity:

FOCUS 40
The 2040 Investment Plan for the MBTA

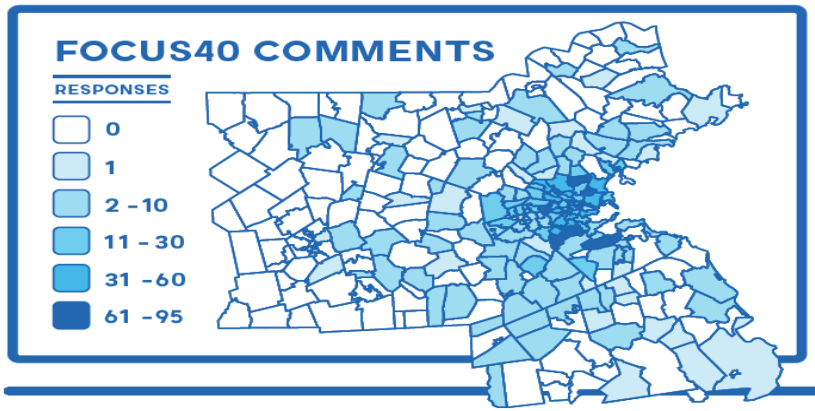
WE ASKED THE QUESTION: WHAT IS A CHALLENGE THE MBTA NEEDS TO ADDRESS IN THE FUTURE?

OVER 3,000 IDEAS COLLECTED!

- 2 public events
- 80+ organizations engaged
- 3 stakeholder workshops
- 200+ online submissions
- 100 street team hours

WE COLLECTED IDEAS FROM MORE THAN 2,000 PEOPLE

FOCUS40 COMMENTS



STREET TEAM HOURS

THE FOCUS40 STREET TEAM OUTREACH WAS DESIGNED TO CORRESPOND WITH OVERALL MBTA RIDERSHIP BY MODE.

- 60 HOURS AT RAPID TRANSIT STATIONS
- 30 HOURS AT BUS STATIONS
- 10 HOURS AT COMMUTER RAIL STATIONS

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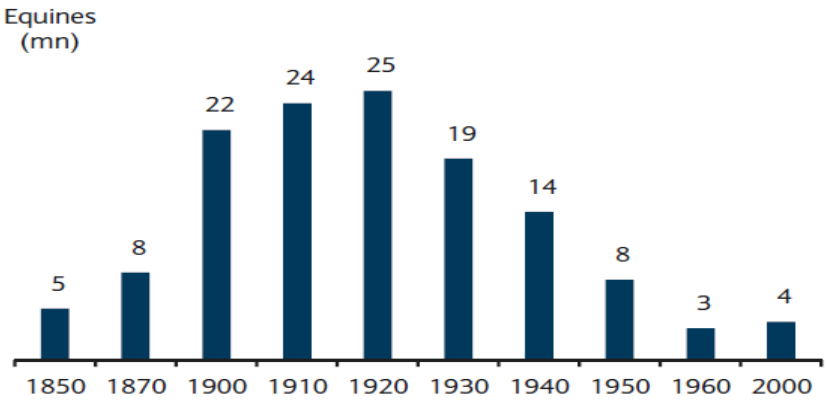
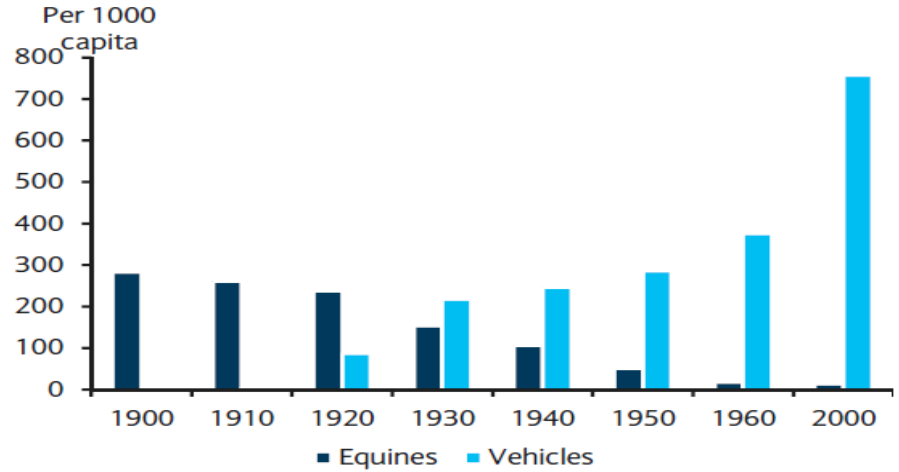
Challenge: Correctly Forecasting the Future

Peak Horse – U.S. equine population 1850-2000



Source: USDA, Kentucky Equine Research

Equines vs vehicles per capita – 1900 - 2000



Source: USDA, Kentucky Equine Research, US DOT

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