SOLVING LOCAL AND REGIONAL PROBLEMS WITH DATA
Metropolitan Area Planning Council

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MetroFuture: Making a Greater Boston Region

- Be responsible stewards of our resources, passing on an environmentally, financially, and socially sustainable region to our children.
- Involve more people in making the decisions that shape their lives.
- Build safe, healthy, and welcoming communities.
- Ensure that all residents fairly share the costs and benefits of the region’s growth.
- Give people affordable and convenient options for where they live, work, and play.
- Create a world-class region that is vibrant, competitive, and connected.
Data Services: Data-driven Decisions
Data Services: Data-driven Decisions

Metro Boston DataCommon
metrobostondatacommon.org

Housing MA
www.housing.ma

NATIONAL NEIGHBORHOOD INDICATORS PARTNERSHIP
Data Typologies

1. Official Public Data
2. Unconventional Data
3. Large Unruly Public Data
4. Locked Data
Official Public Data: MetroBoston DataCommon

Introducing WEAVE...
A web-based visualization platform designed to enable visualization of any available data by anyone for any purpose. WEAVE is in development by the Open Indicators Consortium (OIC). To learn more about WEAVE, check out www.openweave.org.

Debt to Degree Ratio

Hands-on Training:
We are happy to coordinate a specialized training for your organization. Our monthly trainings will welcome in September. Please feel free to contact us for more information.

metrobostodatacommon.org
Official Public Data: MetroBoston DataCommon

metroboystodatacommon.org
Official Public Data: MetroBoston DataCommon

Inner Core Committee (ICC)

The Inner Core Committee (ICC) consists of 21 cities and towns within the metropolitan Boston area. ICC emerged as a forum through which issues of mutual concern could be explored and joint and cooperative action fostered. Communities in the ICC region are among the most urban and populous within the MAPC planning area and deal with a host of unique challenges.

Demographics

1. Population Overview, 2010
   Year(s): 2010 • Source: Census
   - Population: 1,639,134
   - Population 0-9 years: 231,405
   - Population 10-19 years: 231,405
   - Population 20-24 years: 232,405
   - Population 25-29 years: 232,405
   - Population 30-34 years: 232,405
   - Population 35-39 years: 232,405
   - Population 40-44 years: 232,405
   - Population 45-49 years: 232,405
   - Population 50-54 years: 232,405
   - Population 55-59 years: 232,405
   - Population 60-64 years: 232,405
   - Population 65 years+: 232,405

Economy

Employment by Sectors
   Year(s): 2001-2012 • Source: MA EOLWD ES-202

metrobostodatalacommom.org
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Unconventional Data: Dimensions of Displacement
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Rent Distribution
1/2 Mile Station Area Walksheds
Somerville, MA
2011 and 2013

- Red Line
- Green Line (Proposed)

Monthly Rent Per Bedroom

HUD Affordability Limit
For Two-Income Family of Four
Unconventional Data: Dimensions of Displacement
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Large Unruly Public Data: Massachusetts Land Parcel Database
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Locked Data:
Hubway Data Challenge

South Station - 700 Atlantic Ave.
Riders coming from or going to other stations (randomly scattered). Distance from center is proportional to age (min 17, max 70). Dot size is proportional to trip duration (max approximately 2 hrs 45 mins).

hubwaydatachallenge.org
Locked Data:
Hubway Data Challenge

hubwaydatachallenge.org
Locked Data: Hubway Data Challenge

hubwaydatachallenge.org
Locked Data: Hubway Data Challenge

hubwaydatachallenge.org
Locked Data:
37 Billion Mile Data Challenge

37BillionMileDataChallenge.org

What's Massachusetts Driving?

37billionmilechallenge.org
Locked Data:
37 Billion Mile Data Challenge

Driving Facts Infographic
Melanie Morgan

Every year, Massachusetts residents drive 37 Billion Miles, which is 37,000,000,000 miles. That's enough to travel to Jupiter 100 times. On average, that is 5,625 miles per person, per year.

37billionmilechallenge.org
Locked Data: 37 Billion Mile Data Challenge

Driving and Land Use: An Explanatory Model
Paul Schimek
Zia Sobhani
Kim Ducharme

37billionmilechallenge.org
Massachusetts Split Screen Emissions Mapping and Information Tool

Arthur Fisher

Locked Data: 37 Billion Mile Data Challenge

37billionmilechallenge.org
Thank You

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