MASSDOCS
Pilot

MassGIS Data: MBTA Rapid Transit

MassGIS (Bureau of Geographic Information) (/massgis)

MassGIS maintains a comprehensive, statewide database of spatial information for mapping and analysis supporting emergency response, environmental planning and management, transportation planning, economic development, and transparency in state government operations.

Visit the MassGIS website (https://www.mass.gov/orgs/massgis-bureau-of-geographic-information)

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MassGIS Data: MBTA Rapid Transit

June 2018

The MBTA Rapid Transit Station layers represent the core subway system and its station stops within the Greater Boston area.

Download this layer (http://download.massgis.digital.mass.gov/shapefiles/state/mbta_rapid_transit.zip) (.zip file, 112 KB):
- ESRI Shapefiles (arc and point)
- ArcMap layer files (.lyr) (for ArcMap 10 and 9.0*)
* The data sources in the LYR for Arc 9 will need to be reset)

(https://massdocs-digital-mass-gov.s3.amazonaws.com/s3fs-public/2018/mbta_rapid_transit.png)
The MBTA Rapid Transit Station layers represent the station stops on the five subway, streetcar/trolley and Silver Line bus lines in the **Massachusetts Bay Transportation Authority (http://www.mbta.com)**'s rapid transit rail network. The five 'T' lines – Blue, Green, Orange, Red and Silver – are represented with linework in the layer **MBTA_ARC**. Stations are contained in a point feature class named **MBTA_NODE**.
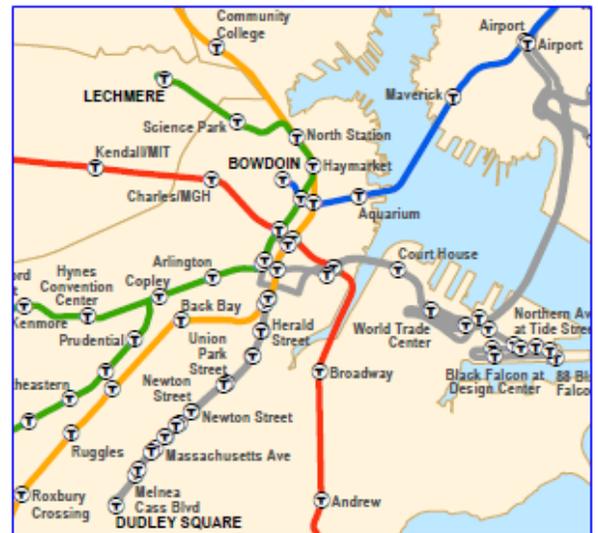
Click to view larger image

The layers were developed by the **Central Transportation Planning Staff (http://www.ctps.org/Drupal/)** (CTPS), with additional editing by MassGIS based on current information from mbta.com.

It should be noted that the Silver Line actually consists of buses, not trains, but the line is included in this layer because the MBTA includes it as part of its Subway system (see http://www.mbta.com/schedules_and_maps/subway/

(http://www.mbta.com/schedules_and_maps/subway/)).

The MBTA Commuter Rail lines are included in the **Trains (http://www.mass.gov/anf/research-and-tech/it-serv-and-support/application-serv/office-of-geographic-information-massgis/datalayers/trains.html)** layer.

Production

Original linework was acquired from 1:100,000 USGS Digital Line Graph transportation data, and updates and additions were made by CTPS staff. MassGIS performed further quality checking and updating of the station names and some adjustment of the features to ortho imagery. The Silver Line was added to the layer with the April 2004 update. As of the January 2006 update, all linework and points were provided by CTPS, replacing and arcs from the DLGs.

Older Arc/Info coverage versions had the points as a NODE feature class, but editing for recent versions was done using shapefiles, and the link between arcs and true nodes was lost. The name of the layer MBTA_NODE still uses "NODE" so that the MassGIS Data Viewer and OLIVER applications will continue to function properly.

Attributes

The **MBTA_ARC** attribute table has the following items:

Item Name	Description
LINE	**BLUE**, **GREEN**, **ORANGE**, **RED**, or **SILVER**
ROUTE	More detailed description of the LINE attribute
GRADE	Grade status as follows: **1** = Above Ground, Private ROW **2** = Light Rail with Reservation in Street **3** = Light Rail/Bus in Street with Traffic or Tunnel **4** = Elevated **6** = Open Cut **7** = Underground Subway

The **MBTA_NODE** attribute table for transit station points has the following items:

Item Name	Description
STATION	Name of T Station
LINE	**BLUE**, **GREEN**, **ORANGE**, **RED**, or **SILVER**
TERMINUS	Indicates whether a station is a line terminus (**Y/N**) (Added by MassGIS)
ROUTE	More detailed description of the LINE attribute

Maintenance

This datalayer will be updated as needed by the Central Transportation Planning Staff and/or MassGIS. On July 2, 2013 the name of the Green Line stop "Hynes Convention Ctr/ICA" was edited to be "Hynes Convention Center". On September 4, 2014 the Assembly station on the Orange Line was added. The SL3 branch of the Silver Line to Chelsea was added in June 2018.

Other Access

The information on this page (the dataset metadata) is also available in these formats.

JSON

RDF

via the **DKAN API** (https://docs.getdkan.com/en/latest/apis/index.html)

License Not Specified

Last Updated 6/28/2018

Items

shapefile **MBTA Rapid Transit Shapefile**

MBTA Rapid Transit shapefile from MassGIS

⧉ Go to resource

massgis   MBTA   trains   public transportation   transportation

transit   subway   infrastructure

Record Info

Contributor	MassGIS (Bureau of Geographic Information) (/massgis)
Modified Date	2018-07-17
Release Date	2017-07-20
Identifier	89711539-cf8a-4386-bf91-a1110c541da0
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Author	MassGIS
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Data Quality	False
Content Type	Communication (/content-type/communication)
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