

**Metadata format: ISO 19139****Manhattan Bus Stops, New York NY, May 2016****ISO 19139 metadata content**

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**Resource Identification Information**

## CITATION

TITLE Manhattan Bus Stops, New York NY, May 2016

PUBLICATION DATE 2016-05-19

EDITION may2016

PRESENTATION FORMAT mapDigital

## SERIES

NAME NYC Mass Transit Spatial Layers

## RESPONSIBLE PARTY - POINTOFCONTACT

ORGANIZATION'S NAME Newman Library, Baruch CUNY

CONTACT'S POSITION Geospatial Data Librarian

## CONTACT INFORMATION

## ADDRESS

DELIVERY POINT Newman Library, Baruch CUNY

DELIVERY POINT 151 E 25th St Box H-0520

CITY New York

ADMINISTRATIVE AREA NY

POSTAL CODE 10010

COUNTRY UNITED STATES

THEMES OR CATEGORIES OF THE RESOURCE transportation, structure

## PLACE KEYWORDS

KEYWORDS City of New York, 2395220, Borough of Manhattan, 979190, Borough of Queens, 979404

## THESAURUS

TITLE Geographic Names Information Service (GNIS)

ALTERNATE TITLES ANSI INCITTS 446:2008

PUBLICATION DATE 2008-01-01

## PLACE KEYWORDS

KEYWORDS New York County, 36081, Queens County, 36061

## THESAURUS

TITLE US Census ANSI/FIPS  
ALTERNATE TITLES ANSI INCITTS 38:2009 (Formerly FIPS 5-2) & ANSI INCITTS 31:2009  
(Formerly FIPS 6-4)

PUBLICATION DATE 2009-01-01

TEMPORAL KEYWORDS  
KEYWORDS 2016

THEME KEYWORDS  
KEYWORDS Buses, Bus stops, Local transit, Commuting, New York City Transit Authority,  
Transportation

THESAURUS  
TITLE Library of Congress Subject Headings (LCSH)

PUBLICATION DATE 2015-02-17

DESCRIPTIVE KEYWORDS  
KEYWORDS Downloadable Data

THESAURUS ArcIMS Metadata Service Content Types

#### ABSTRACT

This point layer was created from the GTFS data feeds from the Metropolitan Transportation Authority (MTA). It represents the bus stop locations (individual locations where one or more buses make stops) for the MTA NYC Transit Manhattan bus routes. A python script was written to take the data files as input and plot and save them as a spatial layer in the local state plane coordinate reference system. In some cases the layer may include stops for routes that originate in a different borough, and in other cases may be missing certain stops for routes that are largely contained in a neighboring borough. The unique ID is stop\_id, a field created by the MTA. This layer was created as part of the NYC Mass Transit Spatial Layers series, and is updated biannually to account for changes in the transit system.

#### PURPOSE

This dataset is intended for researchers, policy makers, students, and educators for basic geographic analysis and mapping purposes. It was created by the GIS Lab at the Newman Library at Baruch College CUNY as part of the NYC Mass Transit Spatial Layers series, so that members of the public could have access to well-documented and readily-usable GIS layers of NYC mass transit features.

DATASET LANGUAGE English  
DATASET CHARACTER SET utf8

STATUS completed

MAINTENANCE  
UPDATE FREQUENCY biannually

#### RESOURCE CONSTRAINTS

CONSTRAINTS  
LIMITATIONS OF USE

Disclaimer: Every effort was made to insure that the data, which was compiled from public sources, was processed accurately. The creator, Baruch College, and CUNY disclaim any liability for errors, inaccuracies, or omissions that may be contained therein or for any damages that may arise from the foregoing. Users should independently verify the accuracy of the data for their purposes. The data is licensed under a Creative Commons Attribution-NonCommercial-NoDerivatives 4.0 International license CC BY-NC-ND <http://creativecommons.org/licenses/by-nc-nd/4.0/> You are free to share the work as long as you cite the source, do not use it for commercial

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## RESOURCE CONSTRAINTS

## LEGAL CONSTRAINTS

ACCESS CONSTRAINTS licenseUnrestricted

USE CONSTRAINTS license

SPATIAL REPRESENTATION TYPE vector

PROCESSING ENVIRONMENT Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.2.0.3348

## EXTENT

## EXTENT DESCRIPTION

City of New York

## GEOGRAPHIC EXTENT

## BOUNDING RECTANGLE

EXTENT CONTAINS THE RESOURCE true

WEST LONGITUDE -74.018132

EAST LONGITUDE -73.861401

NORTH LATITUDE 40.865666

SOUTH LATITUDE 40.701456

## TEMPORAL EXTENT

BEGINNING DATE 2016-03-24 00:00:00

ENDING DATE

INDETERMINATE TIME unknown

## SUPPLEMENTAL INFORMATION

The GEOID field contains the ANSI / FIPS state-county code that indicates the location of the feature.

## POINT OF CONTACT - POINTOFCONTACT

ORGANIZATION'S NAME Newman Library, Baruch CUNY

CONTACT'S POSITION Geospatial Data Librarian

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COUNTRY UNITED STATES

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## Spatial Representation - Vector

LEVEL OF TOPOLOGY FOR THIS DATASET geometryOnly  
GEOMETRIC OBJECTS  
OBJECT TYPE point  
OBJECT COUNT 1829

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## Reference System Information

REFERENCE SYSTEM IDENTIFIER  
VALUE 2263

CODESPACE EPSG  
VERSION 10.2

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## Data Quality Information

SCOPE OF QUALITY INFORMATION  
RESOURCE LEVEL dataset

### LINEAGE

#### LINEAGE STATEMENT

This point layer was created using the data feeds from the Metropolitan Transportation Authority (MTA). The MTA provides text files that contain route information in a General Transit Feed Specification (GTFS) format, and are geographically referenced so they are able to be plotted. A python script was written to take the text files as input and plot and save them as a spatial layer. The text file used for plotting is 'stops.txt' and provides geographically referenced data for the stops in the form of points. The final layer was reprojected from NAD 83 to NY State Plane Long Island in feet. Counties from the Census TIGER files were spatially joined to the transit features, so that every transit feature was assigned the state-county ANSI FIPS code (GEOID) to indicate its location. The unique ID is stop\_id, a field created by the MTA. This layer was created as part of the NYC Mass Transit Spatial Layers series, and is updated biannually to account for changes in the transit system.

#### SOURCE DATA

LEVEL OF THE SOURCE DATA Metropolitan Transportation Authority

#### SOURCE CITATION

TITLE MTA NYC Transit Stops File

PUBLICATION DATE 2016-03-24

#### SOURCE DATA

LEVEL OF THE SOURCE DATA US Census 2014 TIGER Line Shapefiles

#### SOURCE CITATION

TITLE US Census 2014 TIGER Line Shapefiles

PUBLICATION DATE 2014-08-19

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## Distribution Information

### DISTRIBUTOR

#### DISTRIBUTOR INFORMATION - POINTOFCONTACT

ORGANIZATION'S NAME Newman Library, Baruch CUNY  
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COUNTRY UNITED STATES

### FORMAT

NAME Shapefile

#### VERSION

NIL REASON missing

### TRANSFER OPTIONS

TRANSFER SIZE 0.049

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## Metadata Information

LAST UPDATE 2016-05-26

### MAINTENANCE

UPDATE FREQUENCY biannually

MAINTENANCE NOTES This metadata record was updated by Janine Billadello in May 2016.

### METADATA CONSTRAINTS

#### CONSTRAINTS

##### LIMITATIONS OF USE

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### METADATA CONSTRAINTS

#### LEGAL CONSTRAINTS

ACCESS CONSTRAINTS licenseUnrestricted

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SCOPE OF THE DATA DESCRIBED BY THE METADATA dataset

METADATA LANGUAGE English  
METADATA CHARACTER SET utf8

NAME OF THE METADATA STANDARD USED NAP - Metadata  
VERSION OF THE METADATA STANDARD 1.2

METADATA IDENTIFIER 24235F1D-5DE5-43D5-8568-24CFFBD3EEC5  
URI OF THE DATA DESCRIBED BY THE METADATA  
<https://www.baruch.cuny.edu/confluence/display/geoportal/NYC+Mass+Transit+Spatial+Layers>

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