

Metadata format: ISO 19139

## Metro-North Stops, New York NY, May 2019

### ISO 19139 metadata content

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### Resource Identification Information

#### CITATION

TITLE Metro-North Stops, New York NY, May 2019

PUBLICATION DATE 2019-05-31

EDITION may2019

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 151 E 25th St Box H-0520

DELIVERY POINT Newman Library, Baruch CUNY

CITY New York

ADMINISTRATIVE AREA NY

POSTAL CODE 10010

COUNTRY UNITED STATES

THEMES OR CATEGORIES OF THE RESOURCE structure, transportation

#### PLACE KEYWORDS

KEYWORDS City of New York, 2395220, Borough of Bronx, 978756, Borough of Manhattan, 979190

#### THESAURUS

TITLE Geographic Names Information Service (GNIS)

ALTERNATE TITLES ANSI INCITTS 446:2008

PUBLICATION DATE 2008-01-01

#### PLACE KEYWORDS

KEYWORDS New York County, 36061, Bronx County, 36005, Westchester County, 36119, Putnam County, 36079, Dutchess County, 36027, Fairfield County, 09001, New Haven County 09009

## THESAURUS

TITLE US Census ANSI/FIPS

ALTERNATE TITLES ANSI INCITTS 38:2009 (Formerly FIPS 5-2) &amp; ANSI INCITTS 31:2009 (Formerly FIPS 6-4)

PUBLICATION DATE 2009-01-01

## TEMPORAL KEYWORDS

KEYWORDS 2019

## THEME KEYWORDS

KEYWORDS Railroad, Metro-North Railroad, Railroad stations, Railroad terminals, 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 using the GTFS data feeds from the Metropolitan Transportation Authority (MTA). It represents the stop locations for the MTA Metro North railroad east of the Hudson River, where a stop represents a train station (specifically the center point of the track in front of the station) that serves one or more routes. A python script was written to take the data files as input, process them and save them as a spatial layer in the local state plane coordinate reference system. 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 purposes, and do not distribute derivatives of the data. Although this data is being

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## RESOURCE CONSTRAINTS

## LEGAL CONSTRAINTS

ACCESS CONSTRAINTS licenseUnrestricted

USE CONSTRAINTS license

SPATIAL REPRESENTATION TYPE vector

PROCESSING ENVIRONMENT Version 6.2 (Build 9200) ; Esri ArcGIS 10.4.1.5686

## EXTENT

## EXTENT DESCRIPTION

New York Metropolitan Area

## GEOGRAPHIC EXTENT

## BOUNDING RECTANGLE

EXTENT CONTAINS THE RESOURCE true

WEST LONGITUDE -73.984702

EAST LONGITUDE -72.91343

NORTH LATITUDE 41.815539

SOUTH LATITUDE 40.748037

## TEMPORAL EXTENT

BEGINNING DATE 2019-05-21 00:00:00

## ENDING DATE

INDETERMINATE TIME unknown

## EXTENT

## GEOGRAPHIC EXTENT

## BOUNDING RECTANGLE

EXTENT CONTAINS THE RESOURCE true

WEST LONGITUDE -73.984702

EAST LONGITUDE -72.91343

NORTH LATITUDE 41.815539

SOUTH LATITUDE 40.748037

## 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

## CONTACT INFORMATION

## ADDRESS

DELIVERY POINT Newman Library, Baruch CUNY

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CITY New York

ADMINISTRATIVE AREA NY

POSTAL CODE 10010

COUNTRY UNITED STATES

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## Spatial Representation - Vector

LEVEL OF TOPOLOGY FOR THIS DATASET geometryOnly

GEOMETRIC OBJECTS

OBJECT TYPE point

OBJECT COUNT 113

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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 that are geographically referenced so they are able to be plotted. A python script was written to take the text files as input, process them and save them as a spatial layer. The text file used for point geometry creation is 'stops.txt' and it provides geographically referenced data for the stops in the form of points. Stops that represented shuttle bus and ferry stops and the Shore Line East railroad stations in Connecticut were removed. 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 final layer was reprojected from NAD 83 to NY State Plane Long Island in feet and saved in a shapefile format. 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 2019-05-21

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

CONTACT'S POSITION Geospatial Data Librarian

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ADDRESS

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COUNTRY UNITED STATES

FORMAT

NAME Shapefile

VERSION

NIL REASON missing

TRANSFER OPTIONS

TRANSFER SIZE 0.003

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## Metadata Information

LAST UPDATE 2019-05-29

MAINTENANCE

UPDATE FREQUENCY biannually

MAINTENANCE NOTES This metadata record was updated by Frank Donnelly in May 2019.

METADATA CONSTRAINTS

CONSTRAINTS

LIMITATIONS OF USE

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METADATA CONSTRAINTS

LEGAL CONSTRAINTS

ACCESS CONSTRAINTS licenseUnrestricted

USE CONSTRAINTS license

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COUNTRY UNITED STATES

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 D49BDBD2-7408-4000-92B6-E243970DB06B  
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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