

Metadata format: ISO 19139**Subway Station Entrances, New York NY, May 2016****ISO 19139 metadata content**

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Resource Identification Information

CITATION

TITLE Subway Station Entrances, 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 Bronx, 978756, Borough of Brooklyn, 978759, 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 Bronx County, 36005, Kings County, 36047, New York County, 36061, Queens County, 36081

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 Subways, Local transit, Commuting, New York City Transit Authority, Transportation, Stairs, Escalators, Elevators

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 data feeds from the Metropolitan Transportation Authority (MTA). It represents the subway station entrance locations for the MTA NYC Transit Subway, where an entrance represents a physical entryway or exit from a subway station to a street or building. The data originally came in a CSV format, and was plotted using the coordinates for the entrances and saved as a spatial layer in the local state plane coordinate system. The features include several attributes that describe the physical details of the entrances (nearest street or corner, whether they are entrance or exit only, whether they have stairs, escalators, or elevators, etc) and of the stations (lines served and trains that stop there). The station entrances for the Staten Island Railway are not included. The features do not have a unique identifier. 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

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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 -74.031519

EAST LONGITUDE -73.753073

NORTH LATITUDE 40.903694

SOUTH LATITUDE 40.575239

TEMPORAL EXTENT

BEGINNING DATE 2016-05-06 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. A file called `entrances_nyc_subway_definitions.csv` was created by the MTA and accompanies this file; it provides descriptions of the fields and their attributes.

POINT OF CONTACT - POINTOFCONTACT

ORGANIZATION'S NAME Newman Library, Baruch CUNY

CONTACT'S POSITION Geospatial Data Librarian

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DELIVERY POINT 151 E 25th St Box H-0520

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 1868

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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 a CSV file that contains a record for each subway entrance, with the longitude and latitude coordinates for the subway stations and for each individual entrance. The longitude coordinate was missing a minus sign for a few entrances, and these were corrected manually. The CSV was plotted using the entrance coordinates, and the new spatial layer was reprojected from NAD 83 to NY State Plane Long Island in feet. Because the source data was last updated in May 2015, it lacked entrances for the new 7 train station at 34th St - 11 Ave (Hudson Yards). The data was manually updated to add the escalator and elevator entrances that existed in Nov 2015; most attributes were entered but unknown values were left as null. 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. This file does not have a unique identifier. 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 Subway Entrance & Exit GIS Data

PUBLICATION DATE 2016-05-06

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
DELIVERY POINT Newman Library, Baruch CUNY
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COUNTRY UNITED STATES

FORMAT
NAME Shapefile
VERSION
NIL REASON missing

TRANSFER OPTIONS
TRANSFER SIZE 0.05

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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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ACCESS CONSTRAINTS licenseUnrestricted

USE CONSTRAINTS license

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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 4DF2DBBF-0025-409D-BFCB-CC0E965AA841
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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