

# AddressPoint

## Shapefile

Thumbnail Not Available

### Tags

Staten Island, Address Point, Queens, Manhattan, New York City, Address, Brooklyn, Bronx, BIN

### Summary

Address points were developed to supplement the address information supplied by the CSCL centerline. Some computer aided dispatch systems use address points as the primary source for locating an address.

### Description

Address points were initially created from data in the Department of City Planning Property Address Directory (PAD) file. Points were created approximately five feet inside building footprints along the correct street frontage. A field collection/verification process was undertaken to validate "multi-valued" addresses contained in the PAD file (i.e. those locations with a range of addresses). Additionally, a statistical sample of PAD single valued addresses was field checked. Approximately 100,000 locations were visited (about 10% of the total).

### Credits

City of New York - Department of Information Technology & Telecommunications

### Use limitations

While all possible measures have been taken to ensure the accuracy of this data, the City of New York assumes no responsibility for the accuracy of the data for their purposes.

### Extent

**West** -74.256703    **East** -73.699459  
**North** 40.913875    **South** 40.498337

### Scale Range

**Maximum (zoomed in)** 1:5,000  
**Minimum (zoomed out)** 1:150,000,000

### ArcGIS Metadata ►

### Topics and Keywords ►

\* **CONTENT TYPE** Downloadable Data  
EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION No

**PLACE KEYWORDS** Staten Island, Queens, Manhattan, New York City, Brooklyn, Bronx

**THEME KEYWORDS** Address Point, Address, BIN

### Citation ►

\* **TITLE** AddressPoint  
**PUBLICATION DATE** 2016-04-08 00:00:00

**PRESENTATION FORMATS** \* digital map

**SERIES**  
**NAME** PAD

## Citation Contacts ▶

### RESPONSIBLE PARTY

ORGANIZATION'S NAME CSCL  
CONTACT'S ROLE originator

### RESPONSIBLE PARTY

ORGANIZATION'S NAME City of New York - Department of Information Technology & Telecommunications  
CONTACT'S ROLE publisher

### CONTACT INFORMATION ▶

#### ADDRESS

DELIVERY POINT New York City

## Resource Details ▶

DATASET LANGUAGES English (UNITED STATES)  
DATASET CHARACTER SET utf8 - 8 bit UCS Transfer Format

STATUS completed

SPATIAL REPRESENTATION TYPE \* vector

\* PROCESSING ENVIRONMENT Version 6.2 (Build 9200); Esri ArcGIS 10.3.1.4959

### CREDITS

City of New York - Department of Information Technology & Telecommunications

### ARCGIS ITEM PROPERTIES

\* NAME AddressPoint  
\* SIZE 25.207

## Extents ▶

### EXTENT

#### GEOGRAPHIC EXTENT

##### BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching  
\* WEST LONGITUDE -74.256703  
\* EAST LONGITUDE -73.699459  
\* NORTH LATITUDE 40.913875  
\* SOUTH LATITUDE 40.498337  
\* EXTENT CONTAINS THE RESOURCE Yes

#### EXTENT IN THE ITEM'S COORDINATE SYSTEM

\* WEST LONGITUDE 913299.321594  
\* EAST LONGITUDE 1067317.177185  
\* SOUTH LATITUDE 120976.025024  
\* NORTH LATITUDE 272227.706421  
\* EXTENT CONTAINS THE RESOURCE Yes

## Resource Points of Contact ▶

### POINT OF CONTACT

ORGANIZATION'S NAME City of New York - Department of Information Technology & Telecommunications  
CONTACT'S ROLE point of contact

### CONTACT INFORMATION ▶

PHONE  
VOICE 718-403-8394

ADDRESS  
TYPE both  
DELIVERY POINT 2 MetroTech Center, 4th Floor  
CITY Brooklyn  
ADMINISTRATIVE AREA NY  
POSTAL CODE 11201  
COUNTRY US

## Resource Maintenance ►

RESOURCE MAINTENANCE  
UPDATE FREQUENCY daily

## Resource Constraints ►

CONSTRAINTS  
LIMITATIONS OF USE

While all possible measures have been taken to ensure the accuracy of this data, the City of New York assumes no responsibility for the accuracy of the data for their purposes.

## Spatial Reference ►

ARCGIS COORDINATE SYSTEM

- \* TYPE Projected
- \* GEOGRAPHIC COORDINATE REFERENCE GCS\_North\_American\_1983
- \* PROJECTION NAD\_1983\_StatePlane\_New\_York\_Long\_Island\_FIPS\_3104\_Feet
- \* COORDINATE REFERENCE DETAILS

PROJECTED COORDINATE SYSTEM

WELL-KNOWN IDENTIFIER 102718  
X ORIGIN -120039300  
Y ORIGIN -96540300  
XY SCALE 37212589.015695661  
Z ORIGIN -100000  
Z SCALE 10000  
M ORIGIN -100000  
M SCALE 10000  
XY TOLERANCE 0.0032808333333333331  
Z TOLERANCE 0.001  
M TOLERANCE 0.001  
HIGH PRECISION true  
LATEST WELL-KNOWN IDENTIFIER 2263

WELL-KNOWN TEXT

PROJCS["NAD\_1983\_StatePlane\_New\_York\_Long\_Island\_FIPS\_3104\_Feet",GEOGCS["GCS\_North\_American\_1983",DATUM["D\_North\_American\_1983",SPHEROID["GRS\_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],PROJECTION["Lambert\_Conformal\_Conic"],PARAMETER["False\_Easting",984250.0],PARAMETER["False\_Northing",0.0],PARAMETER["Central\_Meridian",-74.0],PARAMETER["Standard\_Parallel\_1",40.66666666666666],PARAMETER["Standard\_Parallel\_2",41.03333333333333],PARAMETER["Latitude\_Of\_Origin",40.16666666666666],UNIT["Foot\_US",0.3048006096012192],AUTHORITY["EPSG",2263]]

REFERENCE SYSTEM IDENTIFIER

- \* VALUE 2263
- \* CODESPACE EPSG
- \* VERSION 8.6.2

## Spatial Data Properties ▶

### VECTOR ▶

\* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

### GEOMETRIC OBJECTS

FEATURE CLASS NAME AddressPoint

\* OBJECT TYPE point

\* OBJECT COUNT 943988

### ARCGIS FEATURE CLASS PROPERTIES ▶

FEATURE CLASS NAME AddressPoint

\* FEATURE TYPE Simple

\* GEOMETRY TYPE Point

\* HAS TOPOLOGY FALSE

\* FEATURE COUNT 943988

\* SPATIAL INDEX TRUE

\* LINEAR REFERENCING FALSE

## Distribution ▶

### DISTRIBUTOR ▶

#### CONTACT INFORMATION

ORGANIZATION'S NAME City of New York - Department of Information Technology & Telecommunications

CONTACT'S ROLE distributor

### CONTACT INFORMATION ▶

#### PHONE

VOICE 718-403-8394

#### ADDRESS

TYPE both

DELIVERY POINT 2 MetroTech Center, 4th Floor

CITY Brooklyn

ADMINISTRATIVE AREA NY

POSTAL CODE 11201

COUNTRY US

### DISTRIBUTION FORMAT

\* NAME Shapefile

### TRANSFER OPTIONS

\* TRANSFER SIZE 25.207

## Fields ▶

### DETAILS FOR OBJECT AddressPoint ▶

- \* TYPE Feature Class
- \* ROW COUNT 943988

#### FIELD FID ▶

- \* ALIAS FID
- \* DATA TYPE OID
- \* WIDTH 4
- \* PRECISION 0
- \* SCALE 0
- \* FIELD DESCRIPTION  
Internal feature number.
- \* DESCRIPTION SOURCE  
Esri
- \* DESCRIPTION OF VALUES  
Sequential unique whole numbers that are automatically generated.

#### FIELD SHAPE ▶

- \* ALIAS Shape
- \* DATA TYPE Geometry
- \* WIDTH 0
- \* PRECISION 0
- \* SCALE 0
- \* FIELD DESCRIPTION  
Feature geometry.
- \* DESCRIPTION SOURCE  
Esri
- \* DESCRIPTION OF VALUES  
Coordinates defining the features.

#### FIELD ADDRESS\_ID ▶

- \* ALIAS ADDRESS\_ID
- \* DATA TYPE Integer
- \* WIDTH 10
- \* PRECISION 10
- \* SCALE 0

#### FIELD DESCRIPTION:

It is a unique key for the feature class.

#### FIELD BIN ▶

- \* ALIAS BIN
- \* DATA TYPE Integer
- \* WIDTH 10
- \* PRECISION 10
- \* SCALE 0

#### FIELD DESCRIPTION:

Building identification number (BIN) associated with the Address Point.

FIELD H\_NO ▶

- \* ALIAS H\_NO
- \* DATA TYPE String
- \* WIDTH 15
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION:

Stores the address number. The field will support hyphenated and range based addresses.

FIELD HNO\_SUFFIX ▶

- \* ALIAS HNO\_SUFFIX
- \* DATA TYPE String
- \* WIDTH 9
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION:

For address points representing suffixed range-type addresses, this value is the upper range for the address suffix.

FIELD HYPHEN\_TYP ▶

- \* ALIAS HYPHEN\_TYP
- \* DATA TYPE String
- \* WIDTH 1
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION:

The Address Point Feature Class will support the storage of hyphenated addresses.

R	Building Range
Q	Queens Type
X	Range of Queens Style
N	No Hyphen Type
U	Unit

FIELD SIDE\_OF\_ST ▶

- \* ALIAS SIDE\_OF\_ST
- \* DATA TYPE String
- \* WIDTH 1
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION:

Indicates which side of the street the point is located on relative to the digitized direction of the associated Centerline street segment.

1	Left
2	Right

FIELD SPECIAL\_CO ▶

- \* ALIAS SPECIAL\_CO
- \* DATA TYPE String
- \* WIDTH 1
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION:

This data element is used to store conditions identified in the DCP Special Address File (SAF) and from other sources.

- A Alt Address - SAF record same as LION record
- B Alt Address - SAF record and LION record differ
- C Ruby Street on Brooklyn-Queens border
- E Neighborhood name
- I Named Intersection
- N NAP assigned to a Stand-alone feature
- O Out-of-Sequence Address or Opposite Parity Address
- P Addressable place name
- S Suffixed house numbers at an intersection
- V Vanity address
- M Multiple
- G Complex NAP
- X Constituent NAP
- D Duplicate or overlapping address ranges (real DAPS)
- F Duplicate or overlapping address ranges (Pseudo DAPS)

FIELD BOROCODE ►

- \* ALIAS BOROCODE
- \* DATA TYPE String
- \* WIDTH 1
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION:

Numeric codes for NYC five boroughs.

- 1 Manhattan
- 2 Bronx
- 3 Brooklyn
- 4 Queens
- 5 Staten Island
- 6 Nassau County
- 7 Westchester
- 8 New Jersey

FIELD ZIPCODE ►

- \* ALIAS ZIPCODE
- \* DATA TYPE String
- \* WIDTH 5
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION: Five-digit postal zip codes.

FIELD CREATED ►

- \* ALIAS CREATED
- \* DATA TYPE Date

- \* WIDTH 8
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION: Date feature was created.

FIELD MODIFIED ▶

- \* ALIAS MODIFIED
- \* DATA TYPE Date
- \* WIDTH 8
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION: Date the feature was last modified.

FIELD ST\_NAME ▶

- \* ALIAS ST\_NAME
- \* DATA TYPE String
- \* WIDTH 90
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION: Name of the Street.

FIELD HN\_RNG ▶

- \* ALIAS HN\_RNG
- \* DATA TYPE String
- \* WIDTH 9
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION:

For address points representing range-type addresses, this value is the upper range for the address.

FIELD HN\_RNG\_SUF ▶

- \* ALIAS HN\_RNG\_SUF
- \* DATA TYPE String
- \* WIDTH 9
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION:

For address points representing suffixed range-type addresses, this value is the upper range for the address suffix.

FIELD PHYSICALID ▶

- \* ALIAS PHYSICALID
- \* DATA TYPE Integer
- \* WIDTH 10
- \* PRECISION 10
- \* SCALE 0

FIELD DESCRIPTION:

A unique ID assigned to intersection to intersection stretches of a street.



## Metadata Details ▶

METADATA LANGUAGE English (UNITED STATES)  
METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

SCOPE OF THE DATA DESCRIBED BY THE METADATA dataset  
SCOPE NAME \*dataset

\* LAST UPDATE 2016-11-16

### ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0  
STANDARD OR PROFILE USED TO EDIT METADATA FGDC

CREATED IN ARCGIS FOR THE ITEM 2013-12-31 11:35:57  
LAST MODIFIED IN ARCGIS FOR THE ITEM 2016-11-16 11:26:31

### AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes  
LAST UPDATE 2016-11-16 11:26:31

## Metadata Contacts ▶

### METADATA CONTACT

ORGANIZATION'S NAME City of New York - Department of Information Technology & Telecommunications  
CONTACT'S ROLE point of contact

### CONTACT INFORMATION ▶

PHONE  
VOICE 718-403-8394

### ADDRESS

TYPE both  
DELIVERY POINT 2 MetroTech Center, 4th Floor  
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POSTAL CODE 11201  
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