New York City Census Blocks for 2010 US Census

ESRI Shapefile

Tags
New York, Manhattan, Queens, Brooklyn, Richmond, boundaries, Bronx, Kings, boundary, borough, Staten Island, New York City

Summary
These districts were created by the Department of City Planning to aid city agencies in administering public services.

Description

The Census Blocks for the 2010 US Census. These boundary files are derived from the US Census Bureau's TIGER project and have been geographically modified to fit the New York City base map. Because some census blocks are under water not all census blocks are contained in this file, only census blocks that are partially or totally located on land have been mapped in this file.

Credits
Department of City Planning.

Use limitations

This dataset is being provided by the Department of City Planning (DCP) on DCP’s website for informational purposes only. DCP does not warranty the completeness, accuracy, content, or fitness for any particular purpose or use of the dataset, nor are any such warranties to be implied or inferred with respect to the dataset as furnished on the website. DCP and the City are not liable for any deficiencies in the completeness, accuracy, content, or fitness for any particular purpose or use the dataset, or applications utilizing the dataset, provided by any third party.

Extent

West  -74.257159  East  -73.699215
North  40.915568  South  40.495992

Scale Range

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

Topics and Keywords

Themes or categories of the resource: boundaries

Content type: Downloadable Data

Place keywords: New York, Manhattan, Queens, Brooklyn, Richmond, Bronx, Kings, Staten Island, New York City

Theme keywords: boundaries, boundary, borough

Citation

Title: New York City Census Blocks for 2010 US Census
Creation date: 7/31/2019 10:00:51 AM
Publication date: 9/9/2019 10:00:56 AM
Edition: 19C

Presentation formats: * digital map

Series
Name: BYTES of the BIG APPLE
Issue: 19C

Other citation details
No major changes since previous version.

Citation Contacts

Responsible party
Organization's name: New York City Department of City Planning
Contact's role: originator

Responsible party
Organization's name: New York City Department of City Planning
Contact's role: publisher

Resource Details

Dataset languages: English (UNITED STATES)

Status: completed
Spatial representation type: * vector

Supplemental information
The official boundaries of Census Blocks include areas under water. Users requiring these boundaries should use nycb2010wi instead.

* Processing environment: Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri
ArcGIS 10.2.0.3348

CREDITS

Department of City Planning.

ARCgis Item Properties

* Name nycb2010
  Location withheld
  * Access Protocol Local Area Network

Hide Resource Details ▲

Extents ►

Extent

Description

ground condition

Extent

Geographic Extent

Bounding Rectangle

Extent Type Extent used for searching
  * West Longitude -74.257159
  * East Longitude -73.699215
  * North Latitude 40.915568
  * South Latitude 40.495992
  * Extent contains the resource Yes

Extent in the item's coordinate system

* West Longitude 913174.999198
  * East Longitude 1067382.508423
  * South Latitude 120121.779370
  * North Latitude 272844.293640
  * Extent contains the resource Yes

Hide Extents ▲

Resource Points of Contact ►

Point of Contact

Organization's Name New York City Department of City Planning
  Contact's Role point of contact

Contact Information ►

Address

Type both
  Delivery Point 120 Broadway, 31st Floor
  City New York
  Administrative Area NY
  Postal Code 10271
  Country US

Hide Contact Information ▲

Hide Resource Points of Contact ▲

Resource Maintenance ►

Resource Maintenance

Update Frequency quarterly
Resource Constraints

LEGAL CONSTRAINTS

OTHER CONSTRAINTS
The data is freely available to all New York City agencies and the public.

SECURITY CONSTRAINTS

CLASSIFICATION unclassified

LIMITATIONS OF USE

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 -450359962737.04999
Y ORIGIN -450359962737.04999
XY SCALE 10000
Z ORIGIN -100000
Z SCALE 10000
M ORIGIN -100000
M SCALE 10000
XY TOLERANCE 0.000200000000000001
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 8.1.1

Hide Spatial Reference ▲

Spatial Data Properties ►

VECTOR ►
* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS
FEATURE class name nycb2010
* OBJECT TYPE composite
* OBJECT COUNT 38797

Hide Vector ▲

ARCGIS FEATURE CLASS PROPERTIES ►
FEATURE class name nycb2010
* FEATURE TYPE Simple
* GEOMETRY TYPE Polygon
* HAS TOPOLOGY FALSE
* FEATURE COUNT 38797
* SPATIAL INDEX TRUE
* LINEAR REFERENCING FALSE

Hide ArcGIS Feature Class Properties ▲

Hide Spatial Data Properties ▲

Data Quality ►

SCOPE OF QUALITY INFORMATION ► RESOURCE LEVEL dataset

Hide Scope of quality information ▲

DATA QUALITY REPORT - COMPLETENESS OMISSION ► MEASURE DESCRIPTION
These data are accurate as of the US Census 2010.

Hide Data quality report - Completeness omission ▲

DATA QUALITY REPORT - ABSOLUTE EXTERNAL POSITIONAL ACCURACY ► DIMENSION horizontal

MEASURE DESCRIPTION
The District files are created from the same release version of the Department of City Planning LION file. The LION file is spatially aligned with NYCMap aerial photography.

Hide Data quality report - Absolute external positional accuracy ▲

Hide Data Quality ▲

Distribution ►

DISTRIBUTOR ►

CONTACT INFORMATION ►

Organization’s name New York City Department of City Planning

Contact’s role distributor

Contact information ►

Address ►

Type both

Delivery point 120 Broadway, 31st Floor

City New York

Administrative area New York

Postal code 10271

Country US

Contact instructions ►

Available at the following website: https://www1.nyc.gov/site/planning/data-maps/open-data.page

Hide Contact information ▲

Ordering process ►

Terms and fees Free

Hide Distributor ▲

Distribution format ►

Name ESRI Shapefile

Version Open Specification

Transfer options ►

Online source ►

Location https://www1.nyc.gov/site/planning/data-maps/open-data.page

Hide Distribution ▲

Fields ►

Details for object nycb2010 ►

Type Feature Class

Row count 38797

Field OBJECTID ►

Alias OBJECTID

Data type OID

Width 4

Precision 0

Scale 0
**FIELD OBJECTID**

Internal feature number.

**DESCRIPTION SOURCE**

Esri

**DESCRIPTION OF VALUES**

Sequential unique whole numbers that are automatically generated.

**FIELD BoroCode**

**ALIAS** BoroCode

**DATA TYPE** String

**WIDTH** 1

**PRECISION** 0

**SCALE** 0

**FIELD DESCRIPTION**

Borough code for the borough in which the census block is located.

**LIST OF VALUES**

**VALUE** 1

**DESCRIPTION** Manhattan

**VALUE** 2

**DESCRIPTION** Bronx

**VALUE** 3

**DESCRIPTION** Brooklyn

**VALUE** 4

**DESCRIPTION** Queens

**VALUE** 5

**DESCRIPTION** Staten Island

**Hide Field BoroCode**

**FIELD CB2010**

**ALIAS** CB2010

**DATA TYPE** String

**WIDTH** 4

**PRECISION** 0

**SCALE** 0

**FIELD DESCRIPTION**

Census block number.

**Hide Field CB2010**

**FIELD BoroName**

**ALIAS** BoroName

**DATA TYPE** String

**WIDTH** 32

**PRECISION** 0

**SCALE** 0

**FIELD DESCRIPTION**

Borough Name.
### 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 CT2010
- **Alias**: CT2010
- **Data Type**: String
- **Width**: 6
- **Precision**: 0
- **Scale**: 0
- **Field Description**: Census tract number.

### FIELD BCTCB2010
- **Alias**: BCTCB2010
- **Data Type**: String
- **Width**: 11
- **Precision**: 0
- **Scale**: 0
- **Field Description**: Merged string value of the BoroCode, census tract number, and census block number

### FIELD Shape_Length
- **Alias**: Shape_Length
- **Data Type**: Double
- **Width**: 8
- **Precision**: 0
- **Scale**: 0
- **Field Description**: Length of feature in internal units.

**Description Source**: Esri

**Description of Values**: Positive real numbers that are automatically generated.
FIELD SHAPE_Area ▶

* ALIAS Shape_Area
* DATA TYPE Double
* WIDTH 8
* PRECISION 0
* SCALE 0
* FIELD DESCRIPTION
  Area of feature in internal units squared.

* DESCRIPTION SOURCE
  ESRI

* DESCRIPTION OF VALUES
  Positive real numbers that are automatically generated.

Hide Field SHAPE_Area ▲

Hide Details for object nycb2010 ▲

Hide Fields ▲

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 2019-08-26

ARCGIS METADATA PROPERTIES
METADATA FORMAT ArcGIS 1.0
METADATA STYLE North American Profile of ISO19115 2003

CREATED IN ArcGIS FOR THE ITEM 2019-08-26 10:03:14
LAST MODIFIED IN ArcGIS FOR THE ITEM 2019-08-26 10:09:00

AUTOMATIC UPDATES
HAVE BEEN PERFORMED Yes
LAST UPDATE 2019-08-26 10:09:00

Hide Metadata Details ▲

Metadata Contacts ▶

METADATA CONTACT
ORGANIZATION’S NAME New York City Department of City Planning
CONTACT’S ROLE point of contact
CONTACT INFORMATION

ADDRESS
  TYPE  both
  DELIVERY POINT  120 Broadway, 31st Floor
  CITY  New York
  ADMINISTRATIVE AREA  New York
  POSTAL CODE  10271
  COUNTRY  US

Hide Contact information ▲

Hide Metadata Contacts ▲

Metadata Maintenance ▶

MAINTENANCE
  UPDATE FREQUENCY  quarterly

Hide Metadata Maintenance ▲