

# 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, LIONdistricts, Monthly

### 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

*Hide Topics and Keywords ▲*

### Citation ▶

TITLE    New York City Census Blocks for 2010 US Census  
CREATION DATE    7/8/2020  
PUBLICATION DATE    8/3/2020

EDITION    20C

PRESENTATION FORMATS    \* digital map

SERIES

NAME    BYTES of the BIG APPLE  
ISSUE    20C

OTHER CITATION DETAILS

No major changes since previous version.

*Hide Citation ▲*

### 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

[Hide Citation Contacts ▲](#)

## 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 Version 6.2 (Build 9200) ; Esri ArcGIS 10.6.0.8321

## 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 913174.999185

\* EAST LONGITUDE 1067382.508423

\* SOUTH LATITUDE 120121.779369

\* 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

*Hide Resource Maintenance ▲*

## Resource Constraints ►

### LEGAL CONSTRAINTS

#### OTHER CONSTRAINTS

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

### SECURITY CONSTRAINTS

CLASSIFICATION unclassified

### CONSTRAINTS

#### LIMITATIONS OF USE

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[Hide Resource Constraints ▲](#)

## 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 0.00020000000000000001  
 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 5.3(9.0.0)

[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 38801

[Hide Vector ▲](#)

#### ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME nycb2010

\* FEATURE TYPE Simple

\* GEOMETRY TYPE Polygon

\* HAS TOPOLOGY FALSE

\* FEATURE COUNT 38801

\* 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 38801

FIELD [OBJECTID](#) ►

\* ALIAS OBJECTID  
 \* 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.

*Hide Field OBJECTID ▲*

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.

[Hide Field BoroName](#) ▲

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.

*Hide Field Shape ▲*

FIELD CT2010 ►

- \* ALIAS CT2010
- \* DATA TYPE String
- \* WIDTH 6
- \* PRECISION 0
- \* SCALE 0
- FIELD DESCRIPTION  
Census tract number.

*Hide Field CT2010 ▲*

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

*Hide Field BCTCB2010 ▲*

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.

*Hide Field Shape\_Length ▲*

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 2020-07-24

## ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0  
 METADATA STYLE FGDC CSDGM Metadata

CREATED IN ARCGIS FOR THE ITEM 2020-07-24 16:42:38  
 LAST MODIFIED IN ARCGIS FOR THE ITEM 2020-07-24 16:47:56

## AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes  
 LAST UPDATE 2020-07-24 16:47:56

[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  
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POSTAL CODE 10271  
COUNTRY US

*Hide Contact information ▲*

*Hide Metadata Contacts ▲*

## **Metadata Maintenance ►**

MAINTENANCE  
UPDATE FREQUENCY quarterly

*Hide Metadata Maintenance ▲*