

# New York City Census Blocks (2010 US Census)

## ESRI Shapefile

### Tags

Census Block, 2010, US Census Bureau, boundary, boundaries, districts, LION, CSCL, Department of City Planning, DCP, New York City, NYC, LIONdistricts

### Summary

Census Blocks from the 2010 US Census for New York City clipped to the shoreline.

### Description

Census Blocks from the 2010 US Census for New York City clipped to the shoreline. 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 (DCP)

### 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** 40.496010

### 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 (2010 US Census)

CREATION DATE 7/11/2022  
PUBLICATION DATE 8/1/2022

EDITION 22B

PRESENTATION FORMATS \* digital map

SERIES

NAME BYTES of the BIG APPLE  
ISSUE 22B

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 (DCP)  
CONTACT'S ROLE publisher

CONTACT INFORMATION ►

ADDRESS  
DELIVERY POINT 120 Broadway, 31st Floor  
CITY New York  
ADMINISTRATIVE AREA NY  
POSTAL CODE 10271  
E-MAIL ADDRESS DCPopendata@planning.nyc.gov

[Hide Contact information ▲](#)

[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 10.6.1.9328

CREDITS

Department of City Planning (DCP)

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 40.496010

\* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

\* WEST LONGITUDE 913174.999185

\* EAST LONGITUDE 1067382.508423

\* SOUTH LATITUDE 120128.274951

\* NORTH LATITUDE 272844.293823

\* EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

**Resource Points of Contact ►**

POINT OF CONTACT  
ORGANIZATION'S NAME New York City Department of City Planning (DCP)  
CONTACT'S ROLE publisher

CONTACT INFORMATION ►  
ADDRESS  
DELIVERY POINT 120 Broadway, 31st Floor  
CITY New York  
ADMINISTRATIVE AREA NY  
POSTAL CODE 10271  
E-MAIL ADDRESS DCPopendata@planning.nyc.gov

[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["Gf  
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 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 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 2022-07-18

ARCGIS METADATA PROPERTIES  
METADATA FORMAT ArcGIS 1.0

CREATED IN ARCGIS FOR THE ITEM 2022-07-18 09:55:54  
LAST MODIFIED IN ARCGIS FOR THE ITEM 2022-07-18 09:58:15

AUTOMATIC UPDATES  
HAVE BEEN PERFORMED Yes  
LAST UPDATE 2022-07-18 09:58:15

[Hide Metadata Details ▲](#)

## Metadata Contacts ►

METADATA CONTACT  
ORGANIZATION'S NAME New York City Department of City Planning (DCP)  
CONTACT'S ROLE publisher

CONTACT INFORMATION ►  
ADDRESS  
DELIVERY POINT 120 Broadway, 31st Floor  
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[Hide Metadata Contacts ▲](#)

## Metadata Maintenance ►

MAINTENANCE  
UPDATE FREQUENCY quarterly

[Hide Metadata Maintenance ▲](#)