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  1/19/2022 8:31:22 AM
Publication date  2/22/2022 8:31:32 AM

Edition  22A

Presentation formats  * digital map

Series

Name  BYTES of the BIG APPLE
Issue  22A

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

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

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

**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

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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)

Spatial Data Properties

**VECTOR**

- **LEVEL OF TOPOLOGY FOR THIS DATASET**: geometry only
**Data Quality**

**Scope of quality information**

Resource level: dataset

**Data quality report - Completeness omission**

Measure description

These data are accurate as of the US Census 2010.

**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.

**Distribution**

Distributor
CONTACT INFORMATION
ORGANIZATION’S NAME  New York City Department of City Planning
CONTACT’S ROLE  distributor

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

Ordering Process
TERMS AND FEES  Free

DISTRIBUTION FORMAT
NAME  ESRI Shapefile
VERSION  Open Specification

TRANSFER OPTIONS
ONLINE SOURCE
LOCATION  https://www1.nyc.gov/site/planning/data-maps/open-data.page

Fields
DETAILS FOR OBJECT nycb2010
* Type  Feature Class
* Row Count  38798

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.
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

FIELD CB2010

* ALIAS   CB2010
* DATA TYPE  String
* WIDTH   4
* PRECISION  0
* SCALE   0

FIELD DESCRIPTION
Census block number.

FIELD BoroName

* ALIAS   BoroName
* DATA TYPE  String
* WIDTH   32
* PRECISION  0
* SCALE   0

FIELD DESCRIPTION
Borough Name.

FIELD Shape

Hide Field OBJECTID ▲
* 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.
CONTACT’S ROLE  publisher

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ADDRESS
DELIVERY POINT  120 Broadway, 31st Floor
CITY  New York
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Hide Metadata Contacts ▲

Metadata Maintenance ▶

MAINTENANCE
UPDATE FREQUENCY  quarterly

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