New York City Census Blocks (2010 US Census) Water Included
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 including portions under water.

Description

Census Blocks from the 2010 US Census for New York City including portions under water. 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.

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  -74.260380  East  -73.699206  
North  40.917691  South  40.477211  

**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, Bronx, Staten Island, New York City  
**Theme Keywords**: boundaries, boundary, borough  

**Citation**

**Title**: New York City Census Blocks (2010 US Census) Water Included  
**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.  

**Citation Contacts**

**Responsible Party**

**Organization's Name**: New York City Department of City Planning (DCP)  
**Contact's Role**: publisher  

**Contact Information**
**Resource Details**

**DATASET LANGUAGES**  English (UNITED STATES)

**STATUS**  completed

**SPATIAL REPRESENTATION TYPE**  * vector

**PROCESSING ENVIRONMENT**  Version 6.2 (Build 9200) ; Esri ArcGIS 10.6.1.9328

**CREDITS**
Department of City Planning (DCP)

**ARCgis ITEM PROPERTIES**

* **NAME**  nycb2010wi

* **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**  -74.260380

* **EAST LONGITUDE**  -73.699206

* **NORTH LATITUDE**  40.917691

* **SOUTH LATITUDE**  40.477211

* **EXTENT CONTAINS THE RESOURCE**  Yes

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

* **WEST LONGITUDE**  912287.068787

* **EAST LONGITUDE**  1067382.508423

* **SOUTH LATITUDE**  113279.346985

* **NORTH LATITUDE**  273617.843201

* **EXTENT CONTAINS THE RESOURCE**  Yes

**Resource Points of Contact**
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.
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**: 0.0002
    - **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

**Geometric Objects**
- **Feature Class Name**: nycb2010wi
- **Object Type**: composite
- **Object Count**: 39142
ARCGIS FEATURE CLASS PROPERTIES

FEATURE CLASS NAME: nycb2010wi
- FEATURE TYPE: Simple
- GEOMETRY TYPE: Polygon
- HAS TOPOLOGY: FALSE
- FEATURE COUNT: 39142
- SPATIAL INDEX: TRUE
- LINEAR REFERENCING: FALSE

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

  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

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 nycb2010wi
* TYPE Feature Class
* ROW COUNT 39142

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
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

*Census block number.*

*Borough Name.*

*Feature geometry.*
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 nycb2010wi ▲

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 2022-02-07

ARCgis METADATA PROPERTIES
METADATA FORMAT ArcGIS 1.0

CREATED IN ARCGIS FOR THE ITEM 2022-02-07 08:32:49
LAST MODIFIED IN ARCGIS FOR THE ITEM 2022-02-07 08:36:25

AUTOMATIC UPDATES
HAVE BEEN PERFORMED Yes
LAST UPDATE 2022-02-07 08:36:25

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
CITY New York
ADMINISTRATIVE AREA NY
POSTAL CODE 10271
E-MAIL ADDRESS DCPopendata@planning.nyc.gov
Metadata Maintenance

MAINTENANCE

UPDATE FREQUENCY quarterly