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

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

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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

**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

**GEOMETRIC OBJECTS**
- **FEATURE CLASS NAME** nycb2010
- **OBJECT TYPE** composite
**Data Quality**

**SCOPE OF QUALITY INFORMATION**

**RESOURCE LEVEL** dataset

These data are accurate as of the US Census 2010.

**DATA QUALITY REPORT - COMPLETENESS OMISSION**

**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 NYMap aerial photography.

**DATA QUALITY REPORT - ABSOLUTE EXTERNAL POSITIONAL ACCURACY**

**DIMENSION** horizontal

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

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 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.
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
Feature geometry.

ESRI

Coordinates defining the features.

Census tract number.

Merged string value of the BoroCode, census tract number, and census block number

Length of feature in internal units.

Esri

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 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

Hide Metadata Contacts