

# New York City Public Use Microdata Areas (PUMAs) for 2010 Census

## ESRI Shapefile

### Tags

PUMA, Public Use Microdata Area, Census, New York, Manhattan, Queens, Brooklyn, Richmond, Bronx, Kings, Staten Island, New York City

### Summary

These districts were created by the Department of City Planning to aid city agencies in administering public services.

### Description

The 2010 NYC Public Use Microdata Areas (PUMAs) are statistical geographic areas defined for the dissemination of Public Use Microdata Sample (PUMS) data. PUMAs have a minimum population of 100,000, are aggregated from census tracts, and approximate Community Districts (CDs), or combinations of CDs (There are 59 CDs and only 55 NYC PUMAs because of such combinations). This geography is also used for disseminating American Community Survey (ACS) estimates. 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.

### 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 PUMA, Public Use Microdata Areas, Census

*Hide Topics and Keywords ▲*

### Citation ►

TITLE New York City Public Use Microdata Areas (PUMAs) for 2010 Census

CREATION DATE 1/29/2020 11:48:05 AM

PUBLICATION DATE 2/24/2020 11:48:17 AM

EDITION 20A

PRESENTATION FORMATS \* digital map

SERIES

NAME BYTES of the BIG APPLE

ISSUE 20A

*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)  
DATASET CHARACTER SET utf8 - 8 bit UCS Transfer Format

STATUS completed  
SPATIAL REPRESENTATION TYPE \* vector

\* PROCESSING ENVIRONMENT Version 6.2 (Build 9200) ; Esri ArcGIS 10.2.0.3348

CREDITS

Department of City Planning.

ARCGIS ITEM PROPERTIES

\* NAME nypuma  
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 913174.999525  
\* EAST LONGITUDE 1067382.508423  
\* SOUTH LATITUDE 120121.779360  
\* NORTH LATITUDE 272844.294006  
\* 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

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.

[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 8.1.1

[Hide Spatial Reference ▲](#)

## Spatial Data Properties ►

### VECTOR ►

- \* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

### GEOMETRIC OBJECTS

- FEATURE CLASS NAME nypuma
- \* OBJECT TYPE composite
- \* OBJECT COUNT 55

[Hide Vector ▲](#)

## ARCGIS FEATURE CLASS PROPERTIES ▶

FEATURE CLASS NAME nypuma  
 \* FEATURE TYPE Simple  
 \* GEOMETRY TYPE Polygon  
 \* HAS TOPOLOGY FALSE  
 \* FEATURE COUNT 55  
 \* 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 [nypuma ►](#)

- \* TYPE Feature Class
- \* ROW COUNT 55

#### 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 [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 PUMA ►

ALIAS PUMA  
DATA TYPE String  
WIDTH 4  
PRECISION 0  
SCALE 0  
FIELD DESCRIPTION  
PUMA number.

*Hide Field PUMA ▲*

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 19  
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 nypuma ▲](#)

[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 2020-02-18

ARCGIS METADATA PROPERTIES  
 METADATA FORMAT ArcGIS 1.0

CREATED IN ARCGIS FOR THE ITEM 2020-02-05 16:09:32  
 LAST MODIFIED IN ARCGIS FOR THE ITEM 2020-02-18 11:58:10

AUTOMATIC UPDATES  
 HAVE BEEN PERFORMED Yes  
 LAST UPDATE 2020-02-18 11:58:10

[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  
 ADMINISTRATIVE AREA New York  
 POSTAL CODE 10271  
 COUNTRY US

[Hide Contact information ▲](#)

[Hide Metadata Contacts ▲](#)

## Metadata Maintenance ▶

MAINTENANCE

UPDATE FREQUENCY quarterly

*Hide Metadata Maintenance ▲*