

# 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 warrant 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    7/31/2019 10:00:51 AM

PUBLICATION DATE    9/9/2019 10:00:56 AM

EDITION    19C

PRESENTATION FORMATS    \* digital map

SERIES

NAME    BYTES of the BIG APPLE

ISSUE    19C

*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 Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; 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 1067382.508606  
\* SOUTH LATITUDE 120121.779352  
\* NORTH LATITUDE 272844.294189  
\* 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 0.000200000000000000001  
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 2019-08-26

ARCGIS METADATA PROPERTIES  
METADATA FORMAT ArcGIS 1.0

CREATED IN ARCGIS FOR THE ITEM 2019-08-05 13:43:14  
LAST MODIFIED IN ARCGIS FOR THE ITEM 2019-08-26 10:16:27

AUTOMATIC UPDATES  
HAVE BEEN PERFORMED Yes



LAST UPDATE 2019-08-26 10:16:27

[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

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