

# New York City 2010 Public Use Microdata Areas (PUMA)

ESRI Shapefile

Tags

Public Use Microdata Area, PUMA, Public Use Microdata Sample, PUMS, 2010, census, American Community Survey, ACS, boundary, boundaries, districts, LION, CSCL, Department of City Planning, DCP, New York City, NYC, LIONdistricts

## Summary

The 2010 NYC Public Use Microdata Areas (PUMAs) are statistical geographic areas defined for the dissemination of 2010 Public Use Microdata Sample (PUMS) data.

## Description

The 2010 NYC Public Use Microdata Areas (PUMAs) are statistical geographic areas defined for the dissemination of 2010 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). 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** -74.257159    **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    PUMA, Public Use Microdata Areas, Census

[Hide Topics and Keywords ▲](#)

## Citation ►

TITLE New York City 2010 Public Use Microdata Areas (PUMA)  
CREATION DATE 7/11/2024  
PUBLICATION DATE 7/29/2024

EDITION 24C

PRESENTATION FORMATS \* digital map

### SERIES

NAME BYTES of the BIG APPLE  
ISSUE 24C

[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](mailto:DCPopendata@planning.nyc.gov)

[Hide Contact information ▲](#)

[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 10.8.1.14362

CREDITS  
Department of City Planning (DCP)

### ARCGIS ITEM PROPERTIES

\* NAME nypuma2010  
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 40.496010  
\* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM  
\* WEST LONGITUDE 913174.999355  
\* EAST LONGITUDE 1067382.508423  
\* SOUTH LATITUDE 120128.274951  
\* NORTH LATITUDE 272844.293823  
\* EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

## 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

[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 ►**

ARC GIS 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["GF

REFERENCE SYSTEM IDENTIFIER

\* VALUE 2263

\* CODESPACE EPSG

\* VERSION 5.3(9.0.0)

[Hide Spatial Reference ▲](#)

## Spatial Data Properties ►

### VECTOR ►

\* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

### GEOMETRIC OBJECTS

FEATURE CLASS NAME nypuma2010

\* OBJECT TYPE composite

\* OBJECT COUNT 55

[Hide Vector ▲](#)

### ARCGIS FEATURE CLASS PROPERTIES

FEATURE CLASS NAME nypuma2010

\* 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 - 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 NYCMaerial 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 nypuma2010 ▶

\* 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  
The ID number for the 2010 NYC Public Use Microdata Areas (PUMAs). PUMAs are statistical geographic areas defined for the dissemination of Public Use Microdata Sample (PUMS) data.

*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 nypuma2010 ▲](#)

[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 2024-07-24

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0

STANDARD OR PROFILE USED TO EDIT METADATA FGDC

CREATED IN ARCGIS FOR THE ITEM 2024-07-11 14:02:58

LAST MODIFIED IN ARCGIS FOR THE ITEM 2024-07-24 13:49:57

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes

LAST UPDATE 2024-07-24 13:49:57

[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

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**Metadata Maintenance ▶**

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UPDATE FREQUENCY quarterly

[Hide Metadata Maintenance ▲](#)