

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 10/27/2016 10:14:39 AM
 PUBLICATION DATE 10/27/2016 10:14:39 AM

EDITION 16D

PRESENTATION FORMATS * digital map

SERIES

NAME BYTES of the BIG APPLE

ISSUE 16D

[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 1067382.508423
- * SOUTH LATITUDE 120121.779352
- * 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 POSITION BYTES of the BIG APPLE Coordinator
CONTACT'S ROLE point of contact

CONTACT INFORMATION ►

PHONE

VOICE 212.720.3505 

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

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[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 0.000200000000000000000001

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: <http://www.nyc.gov/html/dcp/html/bytes/applbyte.shtml>

Hide Contact information ▲

ORDERING PROCESS

TERMS AND FEES Free

Hide Distributor ▲

DISTRIBUTION FORMAT

NAME ESRI Shapefile

VERSION Open Specification

TRANSFER OPTIONS**ONLINE SOURCE**

LOCATION <http://www.nyc.gov/html/dcp/html/bytes/applbyte.shtml>

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 2017-02-02

ARCGIS METADATA PROPERTIES
METADATA FORMAT ArcGIS 1.0

CREATED IN ARCGIS FOR THE ITEM 2016-10-28 12:33:07
LAST MODIFIED IN ARCGIS FOR THE ITEM 2017-02-02 10:20:55

AUTOMATIC UPDATES
HAVE BEEN PERFORMED Yes
LAST UPDATE 2017-02-02 10:20:55

[Hide Metadata Details ▲](#)

Metadata Contacts ►

METADATA CONTACT
ORGANIZATION'S NAME New York City Department of City Planning
CONTACT'S POSITION BYTES of the BIG APPLE Coordinator
CONTACT'S ROLE point of contact

CONTACT INFORMATION ►
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COUNTRY US

[Hide Contact information ▲](#)

[Hide Metadata Contacts ▲](#)

Metadata Maintenance ►

MAINTENANCE
UPDATE FREQUENCY quarterly

[Hide Metadata Maintenance ▲](#)