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 1/16/2024
Publication date 2/26/2024

Edition 24A

Presentation formats * digital map

Series
Name BYTES of the BIG APPLE
Issue 24A

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

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

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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 0.00020000000000000001
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 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 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
2010 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 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 2024-02-21

ArcGIS metadata properties
Metadata format ArcGIS 1.0
Standard or profile used to edit metadata FGDC

Created in ArcGIS for the item 2024-01-16 12:44:17
Last modified in ArcGIS for the item 2024-02-21 09:13:03

Automatic updates
Have been performed Yes
Last update 2024-02-21 09:13:03

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
Delivery point 120 Broadway, 31st Floor
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Hide Contact information ▲

Hide Metadata Contacts ▲

Metadata Maintenance ►

Maintenance
Update frequency quarterly

Hide Metadata Maintenance ▲