

New York City 2020 Public Use Microdata Areas (PUMA)

File Geodatabase Feature Class

Tags

PUMA, Public Use Microdata Areas, Census, boundaries

Summary

The 2020 NYC Public Use Microdata Areas (PUMAs) are statistical geographic areas defined for the dissemination of 2012 Public Use Microdata Sample (PUMS) data.

Description

The 2020 NYC Public Use Microdata Areas (PUMAs) are statistical geographic areas defined for the dissemination of 2020 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 ▶

* **CONTENT TYPE** Downloadable Data

[Hide Topics and Keywords ▲](#)

Citation ▶

TITLE New York City 2020 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](#) ▲

Resource Details ►

DATASET LANGUAGES * English (UNITED STATES)

SPATIAL REPRESENTATION TYPE * vector

* PROCESSING ENVIRONMENT Version 6.2 (Build 9200) ; Esri ArcGIS 10.8.1.14362

CREDITS

Department of City Planning (DCP)

ARC GIS ITEM PROPERTIES

* NAME nypuma2020

LOCATION withheld

* ACCESS PROTOCOL Local Area Network

[Hide Resource Details](#) ▲

Extents ►

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 1067382.508606

* SOUTH LATITUDE 120128.274951

* NORTH LATITUDE 272844.293823

* EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents](#) ▲

Resource Constraints ►

CONSTRAINTS

LIMITATIONS OF USE

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[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 nypuma2020
* OBJECT TYPE composite
* OBJECT COUNT 55

[Hide Vector ▲](#)

ARCGIS FEATURE CLASS PROPERTIES

►
FEATURE CLASS NAME nypuma2020
* 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 ▲](#)

Distribution ►

DISTRIBUTION FORMAT
* NAME File Geodatabase Feature Class

[Hide Distribution ▲](#)

Fields ►

DETAILS FOR OBJECT nypuma2020 ►
* 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 2020 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 8
* 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 nypuma2020 ▲](#)

[Hide Fields ▲](#)

Metadata Details ▶

* METADATA LANGUAGE English (UNITED STATES)

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

CREATED IN ARCGIS FOR THE ITEM 2024-07-11 14:10:06
LAST MODIFIED IN ARCGIS FOR THE ITEM 2024-07-24 13:50:00

AUTOMATIC UPDATES
HAVE BEEN PERFORMED Yes
LAST UPDATE 2024-07-24 13:50:00

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