

# Package: nycmaps (via r-universe)

June 4, 2026

**Title** A collection of sf objects and related tibbles for making maps of New York City

**Version** 0.0.3.9000

**Description** Simple features boundary files for New York City across various administrative and Census geographies.

**License** MIT + file LICENSE

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**LazyData** true

**LazyDataCompression** xz

**URL** <https://github.com/kjhealy/nycmaps>

**BugReports** <https://github.com/kjhealy/nycmaps/issues>

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**Config/pak/sysreqs** libabsl-dev cmake libgdal-dev gdal-bin libgeos-dev libssl-dev libproj-dev libsqlite3-dev libudunits2-dev

**Repository** <https://kjhealy.r-universe.dev>

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drop_staten_island	<i>Drop Staten Island from a map</i>
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### Description

Crop a spatial object so that Staten Island is removed. The map is first clipped on the west, just beyond the easternmost point of the Staten Island polygon, and then clipped on the south, just below the southernmost tip of Breezy Point (the southern tip of Queens).

### Usage

```
drop_staten_island(x, buffer = 10)
```

**Arguments**

x	An sf object or a <a href="#">terra::SpatRaster</a> . Must have a defined CRS.
buffer	Numeric scalar giving the offset, in the map units of x's CRS, used to place the cut "just beyond" the Staten Island and Breezy Point extremes. Defaults to 10 (feet when x uses EPSG:2263, the default for maps in this package).

**Details**

This is an S3 generic with methods for sf objects and [terra::SpatRaster](#) rasters.

**Value**

An object of the same class as x, cropped to exclude Staten Island.

**Examples**

```
drop_staten_island(nyc_boros_sf)
```

---

```
nyc_atomic_polygons_sf
```

*NYC Atomic Polygons*

---

**Description**

Atomic Polygons are the smallest geographic units created by NYC Planning that result from the intersection of various administrative and political boundaries. These polygons are the building blocks for aggregating data across different geographic hierarchies.

**Usage**

```
nyc_atomic_polygons_sf
```

**Format**

`nyc_atomic_polygons_sf`:

A simple feature collection with 69,690 rows and 30 columns:

**borough** Borough code (1-5)  
**censusbloc** 2020 Census block number  
**censusbl\_1** Census block suffix  
**censustrac** 2020 Census tract number  
**censusbl\_2** 2010 Census block number  
**censusbl\_3** 2010 Census block suffix  
**censustr\_1** 2020 Census tract number (alternate)  
**censustr\_2** 2010 Census tract number  
**admin\_fire** Fire company administrative unit

**water\_flag** Water area flag indicator  
**assemdist** State Assembly district  
**electdist** Election district  
**schooldist** School district  
**commdist** Community district  
**sb1\_volume** Section book 1 volume  
**sb1\_page** Section book 1 page  
**sb2\_volume** Section book 2 volume  
**sb2\_page** Section book 2 page  
**sb3\_volume** Section book 3 volume  
**sb3\_page** Section book 3 page  
**atomicid** Unique atomic polygon identifier  
**atomic\_num** Atomic polygon number  
**hurricane** Hurricane evacuation zone  
**censustr\_3** 2020 Census tract (alternate)  
**censusbl\_4** 2020 Census block (alternate)  
**censusbl\_5** 2020 Census block suffix (alternate)  
**commercial** Commercial overlay zone  
**shape\_leng** Shape length in feet  
**shape\_area** Shape area in square feet  
**geometry** MULTIPOLYGON geometry

### Details

NYC Atomic Polygons, Release: 25C, August 2025. Produced by NYC Planning Department. These polygons are created by overlaying multiple administrative and political boundaries to create the finest level of geographic detail. They can be used to aggregate data to any of the boundary types they contain.

### Author(s)

Kieran Healy

### Source

<https://www.nyc.gov/content/planning/pages/resources#datasets>

---

nyc\_boros

*New York City borough names*

---

### Description

Borough and county names and code.

**Usage**

nyc\_boros

**Format**

nyc\_boros:

A data frame with 5 rows and 5 columns:

**boro\_code** City borough code. (Numeric)

**boro\_name** Borough name

**county\_name** County\_Name County

**short\_county\_name** County\_Name

**long\_county\_name** County\_Name County, New York

**Details**

DETAILS

**Author(s)**

Kieran Healy

**Source**

<SOURCE\_URL>

---

nyc\_boros\_sf

*New York City borough boundaries*

---

**Description**

Clipped to shoreline. EPSG:2263, NAD83 / New York Long Island (ftUS). An sf object.

**Usage**

nyc\_boros\_sf

**Format**

nyc\_boros\_sf:

A data frame with 5 rows and 5 columns:

**boro\_code** Numeric borough code

**boro\_name** Borough Name

**shape\_leng** Shape length

**shape\_area** Shape area

**geometry** Multipolygon

**Details**

Borough boundaries for NYC, clipped to shoreline. Produced by NYC Planning Department. Release: 25C, August 2025.

**Author(s)**

Kieran Healy

**Source**

<https://www.nyc.gov/content/planning/pages/resources#datasets>

---

nyc\_cdtas\_2020\_sf

*New York City Community District Tabulation Areas 2020*

---

**Description**

Simple feature collection of NYC Community District Tabulation Areas (CDTAs) from 2020. EPSG:2263, NAD83 / New York Long Island (ftUS).

**Usage**

nyc\_cdtas\_2020\_sf

**Format**

nyc\_cdtas\_2020\_sf:

A simple feature collection with 71 rows and 9 columns:

**boro\_code** Borough code (1=Manhattan, 2=Bronx, 3=Brooklyn, 4=Queens, 5=Staten Island)

**boro\_name** Borough name

**county\_fips** Federal unique ID for counties (005=Bronx, 047=Kings, 061=New York, 081=Queens, 085=Richmond)

**cdta2020** Unique alphanumeric identifier representing Community District Tabulation Areas (CDTA)

**cdta\_name** Full name of CDTA

**cdta\_type** Differentiates between CDTAs which represent a community district (CD) or a joint interest area

**shape\_leng** Shape length

**shape\_area** Shape area

**geometry** Multipolygon

**Details**

Community District Tabulation Areas (CDTAs) are approximations of NYC community districts created from census tracts. They represent areas outside of community districts as joint interest areas. Produced by NYC Planning Department. Release: 25C, August 2025.

**Author(s)**

Kieran Healy

**Source**<https://www.nyc.gov/content/planning/pages/resources#datasets>

nyc\_census\_block\_relationships\_2020\_df

*NYC Census Block Relationships 2020***Description**

Relationship table linking 2020 census blocks to census tracts, Neighborhood Tabulation Areas (NTAs), and Community District Tabulation Areas (CDTAs).

**Usage**

nyc\_census\_block\_relationships\_2020\_df

**Format**

nyc\_census\_block\_relationships\_2020\_df:

A data frame with 37984 rows and 17 columns:

**geoid** Unique identifier for 2020 census blocks (15-digit FIPS code: 3-digit county + 6-digit census tract + 4-digit block)

**county\_fips** Federal unique ID for counties (005=Bronx, 047=Kings, 061=New York, 081=Queens, 085=Richmond)

**boro\_code** Borough code (1=Manhattan, 2=Bronx, 3=Brooklyn, 4=Queens, 5=Staten Island)

**boro\_name** Borough name

**bctcb2020** Unique identifier for 2020 census blocks (BoroCode + census tract + census block)

**cb2020** 2020 census block number

**cb\_label** Census block identifier with label

**boro\_ct2020** Unique identifier for 2020 census tracts (BoroCode + CT2020)

**ct2020** 2020 census tract number (6-digit)

**ct\_label** Census tract identifier

**nta\_code** Unique alphanumeric identifier for each Neighborhood Tabulation Area (6 characters)

**nta\_type** NTA type differentiating residential and non-residential geographies

**nta\_name** Full NTA name

**nta\_abbrev** Shortened version of NTA name

**cdta\_code** Unique alphanumeric identifier for Community District Tabulation Areas (4 characters)

**cdta\_type** Differentiates between CDTAs representing a community district (CD) or joint interest area

**cdta\_name** Full name of CDTA

**Details**

This table provides the hierarchical relationships between census blocks (the smallest census geography) and larger geographic units including census tracts, NTAs, and CDTAs. Produced by NYC Planning Department from 2020 Census data.

**Author(s)**

Kieran Healy

**Source**

<https://www.nyc.gov/content/planning/pages/resources#datasets>

---

nyc\_census\_blocks\_2000\_sf

*New York City Census Blocks 2000*

---

**Description**

Simple feature collection of NYC Census Blocks from 2000. EPSG:2263, NAD83 / New York Long Island (ftUS).

**Usage**

nyc\_census\_blocks\_2000\_sf

**Format**

nyc\_census\_blocks\_2000\_sf:

A simple feature collection with 36721 rows and 8 columns:

**bctcb2000** Unique identifier for 2000 census blocks (BoroCode + CT2000 + CB2000)

**cb2000** 2000 census block number (4-digit)

**boro\_code** Borough code as character (1=Manhattan, 2=Bronx, 3=Brooklyn, 4=Queens, 5=Staten Island)

**boro\_name** Borough name

**ct2000** 2000 census tract number (6-digit)

**shape\_leng** Shape length

**shape\_area** Shape area

**geometry** Multipolygon

**Details**

Census blocks are the smallest geographic units used by the U.S. Census Bureau for tabulation of 100-percent data. Produced by NYC Planning Department. Release: 21B.

**Author(s)**

Kieran Healy

**Source**

<https://www.nyc.gov/content/planning/pages/resources#datasets>

---

nyc\_census\_blocks\_2010\_sf

*New York City Census Blocks 2010*

---

**Description**

Simple feature collection of NYC Census Blocks from 2010. EPSG:2263, NAD83 / New York Long Island (ftUS).

**Usage**

nyc\_census\_blocks\_2010\_sf

**Format**

nyc\_census\_blocks\_2010\_sf:

A simple feature collection with 38797 rows and 8 columns:

**cb2010** 2010 census block number (4-digit)

**boro\_code** Borough code as character (1=Manhattan, 2=Bronx, 3=Brooklyn, 4=Queens, 5=Staten Island)

**boro\_name** Borough name

**ct2010** 2010 census tract number (6-digit)

**bctcb2010** Unique identifier for 2010 census blocks (BoroCode + CT2010 + CB2010)

**shape\_leng** Shape length

**shape\_area** Shape area

**geometry** Multipolygon

**Details**

Census blocks are the smallest geographic units used by the U.S. Census Bureau for tabulation of 100-percent data. Produced by NYC Planning Department. Release: 25C, August 2025.

**Author(s)**

Kieran Healy

**Source**

<https://www.nyc.gov/content/planning/pages/resources#datasets>

---

nyc\_census\_blocks\_2020\_sf

*New York City Census Blocks 2020*

---

## Description

Simple feature collection of NYC Census Blocks from 2020. EPSG:2263, NAD83 / New York Long Island (ftUS).

## Usage

nyc\_census\_blocks\_2020\_sf

## Format

nyc\_census\_blocks\_2020\_sf:

A simple feature collection with 37588 rows and 9 columns:

**cb2020** 2020 census block number (4-digit)

**boro\_code** Borough code as character (1=Manhattan, 2=Bronx, 3=Brooklyn, 4=Queens, 5=Staten Island)

**boro\_name** Borough name

**ct2020** 2020 census tract number (6-digit)

**bctcb2020** Unique identifier for 2020 census blocks (BoroCode + CT2020 + CB2020)

**geoid** Unique identifier for 2020 census blocks (15-digit FIPS code)

**shape\_leng** Shape length

**shape\_area** Shape area

**geometry** Multipolygon

## Details

Census blocks are the smallest geographic units used by the U.S. Census Bureau for tabulation of 100-percent data. Produced by NYC Planning Department. Release: 25C, August 2025.

## Author(s)

Kieran Healy

## Source

<https://www.nyc.gov/content/planning/pages/resources#datasets>

---

 nyc\_census\_tract\_relationships\_2020\_df

*NYC Census Tract Relationships 2020*


---

### Description

Relationship table linking 2020 census tracts to Neighborhood Tabulation Areas (NTAs) and Community District Tabulation Areas (CDTAs).

### Usage

nyc\_census\_tract\_relationships\_2020\_df

### Format

nyc\_census\_tract\_relationships\_2020\_df:

A data frame with 2327 rows and 14 columns:

**geoid** Unique identifier for 2020 census tracts (11-digit FIPS code: 3-digit county + 6-digit census tract)

**county\_fips** Federal unique ID for counties (005=Bronx, 047=Kings, 061=New York, 081=Queens, 085=Richmond)

**boro\_code** Borough code (1=Manhattan, 2=Bronx, 3=Brooklyn, 4=Queens, 5=Staten Island)

**boro\_name** Borough name

**boro\_ct2020** Unique identifier for 2020 census tracts (BoroCode + CT2020)

**ct2020** 2020 census tract number (6-digit)

**ct\_label** Census tract identifier

**nta\_code** Unique alphanumeric identifier for each Neighborhood Tabulation Area (6 characters)

**nta\_type** NTA type differentiating residential and non-residential geographies

**nta\_name** Full NTA name

**nta\_abbrev** Shortened version of NTA name

**cdta\_code** Unique alphanumeric identifier for Community District Tabulation Areas (4 characters)

**cdta\_type** Differentiates between CDTAs representing a community district (CD) or joint interest area

**cdta\_name** Full name of CDTA

### Details

This table provides the relationships between census tracts and larger geographic aggregations including NTAs and CDTAs. Produced by NYC Planning Department from 2020 Census data.

### Author(s)

Kieran Healy

**Source**

<https://www.nyc.gov/content/planning/pages/resources#datasets>

---

nyc\_census\_tracts\_2000\_sf

*New York City Census Tracts 2000*

---

**Description**

Simple feature collection of NYC Census Tracts from 2000. EPSG:2263, NAD83 / New York Long Island (ftUS).

**Usage**

nyc\_census\_tracts\_2000\_sf

**Format**

nyc\_census\_tracts\_2000\_sf:

A simple feature collection with 2216 rows and 12 columns:

**ct\_label** Census tract identifier

**boro\_code** Borough code as character (1=Manhattan, 2=Bronx, 3=Brooklyn, 4=Queens, 5=Staten Island)

**boro\_name** Borough name

**ct2000** 2000 census tract number (6-digit)

**boro\_ct2000** Unique identifier for 2000 census tracts (BoroCode + CT2000)

**cd\_eligibil** Community District eligibility (E=Eligible, I=Ineligible)

**nta\_code** Unique alphanumeric identifier for each Neighborhood Tabulation Area

**ntan\_ame** Neighborhood Tabulation Area name

**puma** Public Use Microdata Area identifier

**shape\_leng** Shape length

**shape\_area** Shape area

**geometry** Multipolygon

**Details**

Census tracts are small, relatively permanent statistical subdivisions of a county. Produced by NYC Planning Department. Release: 25C, August 2025.

**Author(s)**

Kieran Healy

**Source**

<https://www.nyc.gov/content/planning/pages/resources#datasets>

---

nyc\_census\_tracts\_2010\_sf

*New York City Census Tracts 2010*

---

### Description

Simple feature collection of NYC Census Tracts from 2010. EPSG:2263, NAD83 / New York Long Island (ftUS).

### Usage

nyc\_census\_tracts\_2010\_sf

### Format

nyc\_census\_tracts\_2010\_sf:

A simple feature collection with 2165 rows and 12 columns:

**ct\_label** Census tract identifier

**boro\_code** Borough code as character (1=Manhattan, 2=Bronx, 3=Brooklyn, 4=Queens, 5=Staten Island)

**boro\_name** Borough name

**ct2010** 2010 census tract number (6-digit)

**boro\_ct2010** Unique identifier for 2010 census tracts (BoroCode + CT2010)

**cd\_eligibil** Community District eligibility (E=Eligible, I=Ineligible)

**nta\_code** Unique alphanumeric identifier for each Neighborhood Tabulation Area

**nta\_name** Neighborhood Tabulation Area name

**puma** Public Use Microdata Area identifier

**shape\_leng** Shape length

**shape\_area** Shape area

**geometry** Multipolygon

### Details

Census tracts are small, relatively permanent statistical subdivisions of a county. Produced by NYC Planning Department. Release: 25C, August 2025.

### Author(s)

Kieran Healy

### Source

<https://www.nyc.gov/content/planning/pages/resources#datasets>

---

nyc\_census\_tracts\_2020\_sf

*New York City Census Tracts 2020*

---

### Description

Simple feature collection of NYC Census Tracts from 2020. EPSG:2263, NAD83 / New York Long Island (ftUS).

### Usage

nyc\_census\_tracts\_2020\_sf

### Format

nyc\_census\_tracts\_2020\_sf:

A simple feature collection with 2325 rows and 15 columns:

**ct\_label** Census tract identifier

**boro\_code** Borough code as character (1=Manhattan, 2=Bronx, 3=Brooklyn, 4=Queens, 5=Staten Island)

**boro\_name** Borough name

**ct2020** 2020 census tract number (6-digit)

**boro\_ct2020** Unique identifier for 2020 census tracts (BoroCode + CT2020)

**cd\_eligibil** Community District eligibility (E=Eligible, I=Ineligible)

**nta\_name** Full Neighborhood Tabulation Area name

**nta2020** Unique alphanumeric identifier for each 2020 Neighborhood Tabulation Area

**cdta2020** Unique alphanumeric identifier representing Community District Tabulation Areas (CDTA)

**cdtaname** Full name of CDTA

**geoid** Unique identifier for 2020 census tracts (11-digit FIPS code)

**puma** Public Use Microdata Area identifier

**shape\_leng** Shape length

**shape\_area** Shape area

**geometry** Multipolygon

### Details

Census tracts are small, relatively permanent statistical subdivisions of a county. Produced by NYC Planning Department. Release: 25C, August 2025.

### Author(s)

Kieran Healy

### Source

<https://www.nyc.gov/content/planning/pages/resources#datasets>

---

nyc\_city\_council\_districts\_sf  
*New York City Council Districts*

---

**Description**

Simple feature collection of NYC City Council Districts. EPSG:2263, NAD83 / New York Long Island (ftUS).

**Usage**

nyc\_city\_council\_districts\_sf

**Format**

nyc\_city\_council\_districts\_sf:  
A simple feature collection with 51 rows and 4 columns:  
**coun\_dist** City Council district number  
**shape\_leng** Shape length  
**shape\_area** Shape area  
**geometry** Multipolygon

**Details**

Boundaries of NYC City Council Districts. Produced by NYC Planning Department. Release: 25C, August 2025.

**Author(s)**

Kieran Healy

**Source**

<https://www.nyc.gov/content/planning/pages/resources#datasets>

---

nyc\_congressional\_districts\_sf  
*New York City Congressional Districts*

---

**Description**

Simple feature collection of NYC Congressional Districts. EPSG:2263, NAD83 / New York Long Island (ftUS).

**Usage**

nyc\_congressional\_districts\_sf

**Format**

nyc\_congressional\_districts\_sf:

A simple feature collection with 13 rows and 4 columns:

**cong\_dist** Congressional district number

**shape\_leng** Shape length

**shape\_area** Shape area

**geometry** Multipolygon

**Details**

Boundaries of NYC Congressional Districts. Produced by NYC Planning Department. Release: 25C, August 2025.

**Author(s)**

Kieran Healy

**Source**

<https://www.nyc.gov/content/planning/pages/resources#datasets>

---

nyc\_ct\_ccd\_relationships\_2023\_df

*NYC Census Tract to City Council District Relationships 2023*

---

**Description**

Relationship table linking 2020 census tracts to 2023 City Council Districts.

**Usage**

nyc\_ct\_ccd\_relationships\_2023\_df

**Format**

nyc\_ct\_ccd\_relationships\_2023\_df:

A data frame with 2327 rows and 8 columns:

**geoid** Unique identifier for 2020 census tracts (11-digit FIPS code: 3-digit county + 6-digit census tract)

**county\_fips** Federal unique ID for counties (005=Bronx, 047=Kings, 061=New York, 081=Queens, 085=Richmond)

**boro\_code** Borough code (1=Manhattan, 2=Bronx, 3=Brooklyn, 4=Queens, 5=Staten Island)

**boro\_name** Borough name  
**boro\_ct2020** Unique identifier for 2020 census tracts (BoroCode + CT2020)  
**ct2020** 2020 census tract number (6-digit)  
**ct\_label** Census tract identifier  
**ccd2023** 2023 City Council District number

### Details

This crosswalk table links census tracts to City Council Districts, allowing census data to be aggregated to City Council District boundaries. Produced by NYC Planning Department.

### Author(s)

Kieran Healy

### Source

<https://www.nyc.gov/content/planning/pages/resources#datasets>

---

nyc\_ct\_pop\_proportion\_2010\_2020\_df

*NYC Census Tract Population Proportions 2010 to 2020*

---

### Description

Proportions of 2010 census tract populations that fall within 2020 census tract boundaries. This table is useful for allocating data from 2010 census tracts to 2020 census tracts.

### Usage

nyc\_ct\_pop\_proportion\_2010\_2020\_df

### Format

nyc\_ct\_pop\_proportion\_2010\_2020\_df:

A data frame with 2416 rows and 8 columns:

**boro\_code** Borough code (1=Manhattan, 2=Bronx, 3=Brooklyn, 4=Queens, 5=Staten Island)  
**county\_fips** Federal unique ID for counties (005=Bronx, 047=Kings, 061=New York, 081=Queens, 085=Richmond)  
**boro\_name** Borough name  
**bct2020** Unique identifier for 2020 census tracts (BoroCode + CT2020)  
**fipsct2020** Alternate unique identifier for 2020 census tracts (CountyFIPS + CT2020)  
**bct2010** Unique identifier for 2010 census tracts (BoroCode + CT2010)  
**fipsct2010** Alternate unique identifier for 2010 census tracts (CountyFIPS + CT2010)  
**prptn10t20** Proportion of the 2010 census tract population that falls within 2020 census tract boundaries

**Details**

When census tract boundaries change between decades, this crosswalk table allows allocation of population-based statistics from one set of boundaries to another. Produced by NYC Planning Department from 2020 Census data.

**Author(s)**

Kieran Healy

**Source**

<https://www.nyc.gov/content/planning/pages/resources#datasets>

---

nyc\_election\_precincts\_sf

*New York City Election Precincts*

---

**Description**

Simple feature collection of NYC Election Precincts. EPSG:2263, NAD83 / New York Long Island (ftUS).

**Usage**

nyc\_election\_precincts\_sf

**Format**

nyc\_election\_precincts\_sf:

A simple feature collection with 4264 rows and 4 columns:

**elect\_dist** Election district identifier

**shape\_leng** Shape length

**shape\_area** Shape area

**geometry** Multipolygon

**Details**

Boundaries of NYC Election Districts (also known as Election Precincts). Produced by NYC Planning Department. Release: 25C, August 2025.

**Author(s)**

Kieran Healy

**Source**

<https://www.nyc.gov/content/planning/pages/resources#datasets>

---

nyc\_fire\_companies\_sf *New York City Fire Companies*

---

**Description**

Simple feature collection of NYC Fire Companies. EPSG:2263, NAD83 / New York Long Island (ftUS).

**Usage**

nyc\_fire\_companies\_sf

**Format**

nyc\_fire\_companies\_sf:

A simple feature collection with 348 rows and 7 columns:

**fire\_co\_type** Fire company type (E=Engine, L=Ladder, Q=Squad)

**fire\_co\_num** Fire company number

**fire\_bn** Fire battalion number

**fire\_div** Fire division number

**shape\_leng** Shape length

**shape\_area** Shape area

**geometry** Multipolygon

**Details**

Boundaries of NYC Fire Companies. Produced by NYC Planning Department. Release: 25C, August 2025.

**Author(s)**

Kieran Healy

**Source**

<https://www.nyc.gov/content/planning/pages/resources#datasets>

---

nyc\_municipal\_court\_districts\_sf

*New York City Municipal Court Districts*

---

### Description

Simple feature collection of NYC Municipal Court Districts. EPSG:2263, NAD83 / New York Long Island (ftUS).

### Usage

nyc\_municipal\_court\_districts\_sf

### Format

nyc\_municipal\_court\_districts\_sf:

A simple feature collection with 28 rows and 6 columns:

**boro\_code** Borough code (1=Manhattan, 2=Bronx, 3=Brooklyn, 4=Queens, 5=Staten Island)

**boro\_name** Borough name

**muni\_court** Municipal court district identifier

**shape\_leng** Shape length

**shape\_area** Shape area

**geometry** Multipolygon

### Details

Boundaries of NYC Municipal Court Districts. Produced by NYC Planning Department. Release: 25C, August 2025.

### Author(s)

Kieran Healy

### Source

<https://www.nyc.gov/content/planning/pages/resources#datasets>

---

nyc\_nta10\_sf

*New York City Neighborhood Tabulation Areas 2010*

---

### Description

Simple feature collection of NYC Neighborhood Tabulation Areas from 2010. EPSG:2263, NAD83 / New York Long Island (ftUS).

### Usage

nyc\_nta10\_sf

### Format

nyc\_nta10\_sf:

A simple feature collection with 195 rows and 8 columns:

**boro\_code** Borough code (1=Manhattan, 2=Bronx, 3=Brooklyn, 4=Queens, 5=Staten Island)

**boro\_name** Borough name

**county\_fips** Federal unique ID for counties (005=Bronx, 047=Kings, 061=New York, 081=Queens, 085=Richmond)

**nta\_code** Unique alphanumeric identifier for each Neighborhood Tabulation Area

**nta\_name** Full NTA name

**shape\_leng** Shape length

**shape\_area** Shape area

**geometry** Multipolygon

### Details

Neighborhood Tabulation Areas (NTAs) are aggregations of census tracts that are subsets of New York City's 55 Public Use Microdata Areas (PUMAs). Produced by NYC Planning Department. Release: 25C, August 2025.

### Author(s)

Kieran Healy

### Source

<https://www.nyc.gov/content/planning/pages/resources#datasets>

---

nyc\_nta20\_sf

*New York City Neighborhood Tabulation Areas 2020*

---

### Description

Simple feature collection of NYC Neighborhood Tabulation Areas from 2020. EPSG:2263, NAD83 / New York Long Island (ftUS).

### Usage

nyc\_nta20\_sf

### Format

nyc\_nta20\_sf:

A simple feature collection with 262 rows and 12 columns:

**boro\_code** Borough code (1=Manhattan, 2=Bronx, 3=Brooklyn, 4=Queens, 5=Staten Island)

**boro\_name** Borough name

**county\_fips** Federal unique ID for counties (005=Bronx, 047=Kings, 061=New York, 081=Queens, 085=Richmond)

**nta2020** Unique alphanumeric identifier for each 2020 Neighborhood Tabulation Area

**nta\_name** Full NTA name

**nta\_abbrev** Shortened version of NTA name

**nta\_type** The NTA type differentiates between residential and various non-residential geographies

**cdta2020** Unique alphanumeric identifier representing Community District Tabulation Areas (CDTA)

**cdta\_name** Full name of CDTA

**shape\_leng** Shape length

**shape\_area** Shape area

**geometry** Multipolygon

### Details

Neighborhood Tabulation Areas (NTAs) are aggregations of census tracts that are subsets of New York City's 55 Public Use Microdata Areas (PUMAs). Produced by NYC Planning Department. Release: 25C, August 2025.

### Author(s)

Kieran Healy

### Source

<https://www.nyc.gov/content/planning/pages/resources#datasets>

---

nyc\_police\_precincts\_sf  
*New York City Police Precincts*

---

**Description**

Simple feature collection of NYC Police Precincts. EPSG:2263, NAD83 / New York Long Island (ftUS).

**Usage**

nyc\_police\_precincts\_sf

**Format**

nyc\_police\_precincts\_sf:  
A simple feature collection with 78 rows and 4 columns:  
**precinct** Police precinct number  
**shape\_leng** Shape length  
**shape\_area** Shape area  
**geometry** Multipolygon

**Details**

Boundaries of NYC Police Precincts. Produced by NYC Planning Department. Release: 25C, August 2025.

**Author(s)**

Kieran Healy

**Source**

<https://www.nyc.gov/content/planning/pages/resources#datasets>

---

nyc\_pumas\_2010\_sf      *New York City Public Use Microdata Areas 2010*

---

**Description**

Simple feature collection of NYC Public Use Microdata Areas (PUMAs) from 2010. EPSG:2263, NAD83 / New York Long Island (ftUS).

**Usage**

nyc\_pumas\_2010\_sf

**Format**

nyc\_pumas\_2010\_sf:

A simple feature collection with 55 rows and 4 columns:

**puma** Public Use Microdata Area identifier

**shape\_leng** Shape length

**shape\_area** Shape area

**geometry** Multipolygon

**Details**

Public Use Microdata Areas (PUMAs) are non-overlapping, statistical geographic areas that partition each state or equivalent entity into geographic areas containing no fewer than 100,000 people each. Produced by NYC Planning Department. Release: 25C, August 2025.

**Author(s)**

Kieran Healy

**Source**

<https://www.nyc.gov/content/planning/pages/resources#datasets>

---

nyc\_pumas\_2020\_sf

*New York City Public Use Microdata Areas 2020*

---

**Description**

Simple feature collection of NYC Public Use Microdata Areas (PUMAs) from 2020. EPSG:2263, NAD83 / New York Long Island (ftUS).

**Usage**

nyc\_pumas\_2020\_sf

**Format**

nyc\_pumas\_2020\_sf:

A simple feature collection with 55 rows and 4 columns:

**puma** Public Use Microdata Area identifier

**shape\_leng** Shape length

**shape\_area** Shape area

**geometry** Multipolygon

**Details**

Public Use Microdata Areas (PUMAs) are non-overlapping, statistical geographic areas that partition each state or equivalent entity into geographic areas containing no fewer than 100,000 people each. Produced by NYC Planning Department. Release: 25C, August 2025.

**Author(s)**

Kieran Healy

**Source**

<https://www.nyc.gov/content/planning/pages/resources#datasets>

---

nyc\_school\_districts\_sf

*New York City School Districts*

---

**Description**

Simple feature collection of NYC School Districts. EPSG:2263, NAD83 / New York Long Island (ftUS).

**Usage**

nyc\_school\_districts\_sf

**Format**

nyc\_school\_districts\_sf:  
A simple feature collection with 33 rows and 4 columns:  
**school\_dist** School district number  
**shape\_leng** Shape length  
**shape\_area** Shape area  
**geometry** Multipolygon

**Details**

Boundaries of NYC School Districts. Produced by NYC Planning Department. Release: 25C, August 2025.

There are 32 school districts but the dataset contains 33 rows because District 10 has two entries. Most of District 10 is in the Bronx, but a small part of it consists of the piece of Manhattan that is not on the island of Manhattan: the Marble Hill neighborhood, which sits just across the Broadway Lift Bridge in the Bronx.

**Author(s)**

Kieran Healy

**Source**

<https://www.nyc.gov/content/planning/pages/resources#datasets>

---

nyc_shoclip_sf	<i>New York City and locale shorelines</i>
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---

**Description**

Shoreline with parts of NJ and areas of Nassau County NY. sf object.

**Usage**

nyc\_shoclip\_sf

**Format**

nyc\_shoclip\_sf:

A data frame with 7,426 rows and 16 columns:

**SOURCE\_ID** DESCRIPTION  
**SRC\_DATE** DESCRIPTION  
**HOR\_ACC** DESCRIPTION  
**INFORM** DESCRIPTION  
**ATTRIBUTE** DESCRIPTION  
**VER\_DATE** DESCRIPTION  
**SRC\_RESOLU** DESCRIPTION  
**DATA\_SOURC** DESCRIPTION  
**EX\_METH** DESCRIPTION  
**EXT\_METH** DESCRIPTION  
**DAT\_SET\_CR** DESCRIPTION  
**SRC\_CITA** DESCRIPTION  
**FIPS\_ALPHA** DESCRIPTION  
**NOAA\_Regio** DESCRIPTION  
**Shape\_Leng** DESCRIPTION  
**geometry** DESCRIPTION

**Details**

Manually adapted from NYC with part of Jersey shoreline and eastern coastline outside of NYC boundaries. Edited from CUSP sheet.

**Author(s)**

Kieran Healy

**Source**

<https://nsde.ngs.noaa.gov>

---

nyc\_state\_assembly\_districts\_sf  
*New York State Assembly Districts*

---

**Description**

Simple feature collection of New York State Assembly Districts within NYC. EPSG:2263, NAD83 / New York Long Island (ftUS).

**Usage**

nyc\_state\_assembly\_districts\_sf

**Format**

nyc\_state\_assembly\_districts\_sf:  
A simple feature collection with 65 rows and 4 columns:  
**assem\_dist** State Assembly district number  
**shape\_leng** Shape length  
**shape\_area** Shape area  
**geometry** Multipolygon

**Details**

Boundaries of New York State Assembly Districts within NYC. Produced by NYC Planning Department. Release: 25C, August 2025.

**Author(s)**

Kieran Healy

**Source**

<https://www.nyc.gov/content/planning/pages/resources#datasets>

---

nyc\_state\_senate\_districts\_sf  
*New York State Senate Districts*

---

**Description**

Simple feature collection of New York State Senate Districts within NYC. EPSG:2263, NAD83 / New York Long Island (ftUS).

**Usage**

nyc\_state\_senate\_districts\_sf

**Format**

nyc\_state\_senate\_districts\_sf:

A simple feature collection with 28 rows and 4 columns:

**st\_sen\_dist** State Senate district number

**shape\_leng** Shape length

**shape\_area** Shape area

**geometry** Multipolygon

**Details**

Boundaries of New York State Senate Districts within NYC. Produced by NYC Planning Department. Release: 25C, August 2025.

**Author(s)**

Kieran Healy

**Source**

<https://www.nyc.gov/content/planning/pages/resources#datasets>

---

nyc\_zip\_sf

*Simple Features collection of NYC Zip Codes*

---

**Description**

Polygons of NYC zip codes along with 2019 ACS population estimate. EPSG:2263, NAD83 / New York Long Island (ftUS).

**Usage**

nyc\_zip\_sf

**Format**

nyc\_zip\_sf:

A simple feature collection with 212 rows and 4 columns:

**zip** Zip code (actually ZTCA)

**zip\_name** ZCTA5 name

**pop** 2019 ACS population estimate

**geometry** Multipolygon for zip code area

**Details**

Geographies and population estimates from US Census Bureau, ACS 5-year estimates (2019). List of zip codes described in nyc\_zips table elsewhere in this package.

**Author(s)**

Kieran Healy

**Source**

See details.

---

nyc_zips	<i>NYC Zip Codes</i>
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---

**Description**

Table of New York City zip codes.

**Usage**

nyc\_zips

**Format**

nyc\_zips:

A data frame with 255 rows and 7 columns:

**zip** Zip Code

**boro\_name** Borough name

**city\_name** Nominal city (USPS designation)

**county\_name** County as 'Countyname County'

**long\_county\_name** County as 'Countyname County, New York'

**short\_county\_name** County as 'County'

**po\_name** Nominal post office (USPS designation)

**Details**

Full USPS Zip Code list from [https://postalpro.usps.com/ZIP\\_Locale\\_Detail](https://postalpro.usps.com/ZIP_Locale_Detail) Initial regional subsetting via <https://worldpopulationreview.com/zips/new-york>

**Author(s)**

Kieran Healy

**Source**

See details.

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