

Metadata format: ISO 19139**Real Estate Sales, New York NY, 2016****ISO 19139 metadata content**

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Resource Identification Information

CITATION

TITLE Real Estate Sales, New York NY, 2016

PUBLICATION DATE 2017-05-19

PRESENTATION FORMAT mapDigital

SERIES

NAME NYC Geocoded Real Estate Sales

RESPONSIBLE PARTY - POINTOFCONTACT

ORGANIZATION'S NAME Newman Library, Baruch CUNY

CONTACT'S POSITION Geospatial Data Librarian

CONTACT INFORMATION

ADDRESS

DELIVERY POINT 151 E 25th St Box H-0520

DELIVERY POINT Newman Library, Baruch CUNY

CITY New York

ADMINISTRATIVE AREA NY

POSTAL CODE 10010

COUNTRY UNITED STATES

THEMES OR CATEGORIES OF THE RESOURCE structure, location, economy

PLACE KEYWORDS

KEYWORDS Bronx County, 36005, Kings County, 36047, New York County, 36061, Queens County, 36081, Richmond County, 36085

THESAURUS

TITLE US Census ANSI/FIPS

ALTERNATE TITLES ANSI INCITTS 38:2009 (Formerly FIPS 5-2) & ANSI INCITTS 31:2009 (Formerly FIPS 6-4)

PUBLICATION DATE 2009-01-01

PLACE KEYWORDS

KEYWORDS City of New York, 2395220, Borough of Bronx, 978756, Borough of Brooklyn, 978759, Borough of Manhattan, 979190, Borough of Queens, 979404, Borough of Staten Island, 979522

THESAURUS

TITLE Geographic Names Information Service (GNIS)

ALTERNATE TITLES ANSI INCITTS 446:2008

PUBLICATION DATE 2008-01-01

TEMPORAL KEYWORDS
KEYWORDS 2016

THEME KEYWORDS
KEYWORDS Real estate transactions, Real property, Property, Finance

THESAURUS
TITLE Library of Congress Subject Headings (LCSH)

PUBLICATION DATE 2016-05-13

DESCRIPTIVE KEYWORDS
KEYWORDS Downloadable Data

THESAURUS ArcIMS Metadata Service Content Types

ABSTRACT

This point layer was created from Detailed Annual Sales Reports by Borough published by New York City Department of Finance in the Excel format. It represents locations of all properties sold in New York City. Several Python scripts were written to read-in each borough's sales data and combine them into sales for New York City as whole. NYC Geoclient API, developed by NYC's Department of Information Technology and Telecommunications GIS/Mapping unit, was used in a script to geocode locations of the properties sold. Locations geocoded by the script were matched by property address or by property block and lot information, if address was missing or incomplete. For some properties lot information has changed from the year of the property sale (e.g. lot has been split and renumbered) and doesn't exist in the city's current property and address database. For those records, where neither address match nor block and lot match were successful, manual match was performed by examining archival tax maps library. Due to the vertical nature of the real estate market in New York, multiple points may coincide in the same location. The coordinate reference system for this layer is NY State Plane Long Island in feet. The unique identifier of the dataset is Sale_id. Bbl_id is a unique identifier for the property and may repeat in the dataset if the property was sold more than once in the same year. The user should be cautious of sales with values less than \$10 or equal to \$0, which are marked as non-usable in this dataset. These sales are transfers of property and are not considered representative of true market conditions. This layer was created as a part of the NYC Geocoded Real Estate Sales data series.

PURPOSE

This dataset is intended for researches, policy makers, students, and educators for basic geographic and statistical analysis and thematic mapping purposes. It was created by the GIS Lab at the Newman Library at Baruch College CUNY. It is appropriate for analysis at the aggregate level (census tract, or zipcode) due to variations in positional accuracy.

DATASET LANGUAGE English
DATASET CHARACTER SET utf8

STATUS completed

MAINTENANCE
UPDATE FREQUENCY notPlanned

RESOURCE CONSTRAINTS

CONSTRAINTS
LIMITATIONS OF USE

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materials.

RESOURCE CONSTRAINTS

LEGAL CONSTRAINTS

ACCESS CONSTRAINTS license

USE CONSTRAINTS license

SPATIAL REPRESENTATION TYPE vector

PROCESSING ENVIRONMENT Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.3.1.4959

EXTENT

EXTENT DESCRIPTION

City of New York

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT CONTAINS THE RESOURCE true

WEST LONGITUDE -74.255054

EAST LONGITUDE -73.699862

NORTH LATITUDE 40.912915

SOUTH LATITUDE 40.498445

TEMPORAL EXTENT

BEGINNING DATE 2016-01-01 00:00:00

ENDING DATE 2016-12-31 00:00:00

SUPPLEMENTAL INFORMATION

The field 'usable' indicates whether the sale was arms-length transaction. According to New York State Department of Taxation and Finance, sales with value under \$10 are considered arms-length transactions or non-usable.

POINT OF CONTACT - POINTOFCONTACT

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Spatial Representation - Vector

LEVEL OF TOPOLOGY FOR THIS DATASET geometryOnly

GEOMETRIC OBJECTS

OBJECT TYPE point

OBJECT COUNT 89806

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Reference System Information

REFERENCE SYSTEM IDENTIFIER

VALUE 2263

CODESPACE EPSG
VERSION 8.5

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Data Quality Information

SCOPE OF QUALITY INFORMATION
RESOURCE LEVEL dataset

LINEAGE

LINEAGE STATEMENT

This dataset was created from Detailed Annual Sales Reports by Borough published in Excel format by the New York City Department of Finance. A Python script was written to read-in the original data, geocode locations of the properties sold using property address (if available, complete and not erroneous) or property block and lot information, and to write out the data into a SQLite database and individual shapefiles. Subsequently, a geometry column was created in the database and populated using sql statements and coordinates generated from the geocoding operation. The point layer was transformed from the original NAD 83 to NAD 83 New York Long Island (ftUS) coordinate system. For some properties lot information has changed from the year of the property sale (e.g. lot has been split and renumbered) and doesn't exist in the city's current property and address database. For such records, geocoding against current database was unsuccessful. For records where neither address match nor block and lot match were successful, manual matches were performed by examining archival tax maps library, noting the streets intersection and locating the approximate property position on Google Maps. For two blocks in Staten Island, geocoding returned a single coordinate outside of the boundaries of New York City. Coordinates for these records were identified manually using the procedure described above. Several columns were added to the original dataset. The Sale_id column was created as a unique id for each record. Bbl_id was created by concatenating borough, block, and lot information and it represents a unique id of the property in this dataset. Column Usable was created to indicate whether the sale is usable or non-usable (under \$10 value) in accordance with New York State Department of Finance's sale usability criteria. Column Georesult indicates whether the coordinates were obtained using property's address (Address Match), property's block and lot information (Block Match), or manually (Manual Match). Message column contains the message captured by the script from geocoding procedure. If present, it refers to the positional accuracy of geocoding.

SOURCE DATA

LEVEL OF THE SOURCE DATA New York City Department of Finance

SOURCE CITATION

TITLE Detailed Annual Sales Reports by Borough

PUBLICATION DATE 2017-01-01

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Distribution Information

DISTRIBUTOR

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FORMAT

NAME Shapefile
 VERSION
 NIL REASON missing

TRANSFER OPTIONS

TRANSFER SIZE 3.15

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Metadata Information

LAST UPDATE 2017-05-26

MAINTENANCE

UPDATE FREQUENCY notPlanned

MAINTENANCE NOTES This metadata record was created by Anastasia Clark in May 2017.

METADATA CONSTRAINTS

CONSTRAINTS

LIMITATIONS OF USE

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SCOPE OF THE DATA DESCRIBED BY THE METADATA dataset

METADATA LANGUAGE English

METADATA CHARACTER SET utf8

NAME OF THE METADATA STANDARD USED NAP - Metadata

VERSION OF THE METADATA STANDARD 1.2

METADATA IDENTIFIER 676BD943-78E6-45E6-BBC8-08DC8187D6B7

URI OF THE DATA DESCRIBED BY THE METADATA

<https://www.baruch.cuny.edu/confluence/display/geoportal/Datasets/NYC+Geocoded+Real+Estate+Sales>