# 2015 Street Tree Census - Blockface Data

Blockface data from the TreesCount! 2015 Street Tree Census, conducted by volunteers and staff organized by NYC Parks & Recreation and partner organizations.  Blockface data includes tree counts and data collection status by block. Accompanying street tree data is available, indicating tree-level details such as tree species, size and other characteristics.

| Field | Field Name as it appears in Dataset | Data Field Source | Type | Description | Notes |
|---|---|---|---|---|---|
| Block ID number | block_id | Automatically generated by 2015 census software | Integer | Unique identifier for the blockface | There is a fixed number of block edges, so this number is consistent and will not change |
| Block Data Status | block_stat | Automatically generated by 2015 census software, processed | Text Domain Values: Complete Unreleased Uncollected | Indicates the status of data collection for a given block, informing the user where information is complete and where no information on tree status is provided. | Complete' indicates that the block's data has been collected and passed QA checks. 'Unreleased' indicates that data was collected but has not yet passed QA checks. 'Uncollected' indicates that either no data has been collected for the block, or a previously collected survey failed QA and the block must be re-surveyed. |
| Number of trees on block | trees | User collected data in the 2015 census, Processed | Text | Number of trees, if any, on a given block. | If no data is available for the block (either because it was not collected or has not yet passed QA checks), value is 'No Data'.  A value of zero (0) means that the block has been surveyed and found to have no street trees. |
| Date of Survey | surv_date | Automatically generated by 2015 census software | Date | If this block has been surveyed, and that survey has passed QA checks, this field stores the date that survey was done. | |
| TreesCount Partner Group | group_name | Manually assigned by 2015 Census Staff | Text | NYC Parks engaged with partner groups, such as tree stewardship organizations, community organizations, and business improvement districts,  to assist in collecting data in the areas where they conduct their operations.  This field indicates which partner group this block was assigned to, if any.  Note that the areas assigned to each group changed slightly during the 2015 mapping season, and this field refers to group areas as they appeared at the close of the season.  Also, while it is likely the case, a block being part of a group's territory does not necessarily mean that it was collected by users attending events held by that group. | For more information about groups that participated in the 2015 Cenuss, visit: https://treescount.nycgovparks.org/group/ |
| Community Board | cb_num | Geocoded based on block location | Integer | Community board in which the block in located. | Geocoded from block midpoint |
| Borough Numeric Code | borocode | Geocoded based on block location | Integer Domain values: 1 (Manhattan) 2 (Bronx) 3 (Brooklyn) 4 (Queens) 5 (Staten Island) | Code for borough in which the block in located. | Geocoded from block midpoint |
| Borough Name | boroname | Geocoded based on block location | Text Domain Values: Manhattan Bronx Brooklyn Queens Staten Island | Name of borough in which the block in located. | Geocoded from block midpoint |
| NYC Council District | cncldist | Geocoded based on block location | Integer | Council district in which the block in located. | Geocoded from block midpoint |
| NY State Assembly District | st_assem | Geocoded based on block location | Integer | State Assembly District in which the block in located. | Geocoded from block midpoint |

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| NY State Senate District | st_senate | Geocoded based on block location | Integer | State Senate District in which the block in located. | Geocoded from block midpoint. Note that some blockfaces cross senate district lines; the blockface is therefore assigned the value of the district that its midpoint falls in. |
| Neighborhood Tabulation Area | nta | Geocoded based on block location | Text | This is the NTA Code corresponding to the neighborhood tabulation area from the 2010 US Census that the block falls into. | Geocoded from block midpoint. Note that some blockfaces cross NTA lines; the blockface is therefore assigned the value of the NTA that its midpoint falls in. |
| Neighborhood Tabulation Area Name | nta_name | Geocoded based on block location | Text | This is the NTA name corresponding to the neighborhood tabulation area from the 2010 US Census that the blockface falls into. | This is intended to help users of this dataset who would like to aggregate blocks by neighborhood. Note that some blockfaces cross NTA lines; the blockface is therefore assigned the value of the NTA that its midpoint falls in. |
| Census Tract | boro_ct | Geocoded based on block location | Integer | This is the boro_ct identifyer for the census tract that the block falls into. | Geocoding for census tract uses the census tracts developed by the Department of City Planning, which are slightly adjusted to better align to the street grid. That file is available here: https://data.cityofnewyork.us/City-Government/2010-Census-Tracts/fxpq-c8ku<br><br>Note that some blockfaces cross census tract lines; the blockface is therefore assigned the boro_ct value of the tract that its midpoint falls in. |
| Zipcode | zipcode | Geocoded based on block location | Integer | Five-digit zipcode in which the block in located. | Note that zipcode is derived by comparing the block's physical location to a zipcode polygon file, not geocoded using the estimated address. Geocoded from block midpoint |
| City, as derived from zipcode | zip_city | Geocoded based on block location | Text | City as derived from zipcode. This is often (but not always) the same as borough. | This is also the 'Post Office Name,' or PO_NAME in the original zipcode file. Geocoded from block midpoint |
| State | state | Field Calculated for All Values | Text | All features given value 'New York' | |
| X coordinate of block start point | start_x_sp | Calculated based on Block Geometry | Double | blockface start point X coordinate. Units are in feet. | In the coordinate system NAD_1983_StatePlane_New_York_Long_Island_FIPS_3104_Feet. This is the coordinate system used by a majority of geographic data files available on the NYC open data portal. For more information about state plane, visit http://www.ngs.noaa.gov/TOOLS/spc.shtml |
| Y coordinate of block start point | start_y_sp | Calculated based on Block Geometry | Double | Blockface start point Y coordinate. Units are in feet. | In the coordinate system NAD_1983_StatePlane_New_York_Long_Island_FIPS_3104_Feet. This is the coordinate system used by a majority of geographic data files available on the NYC open data portal. For more information about state plane, visit http://www.ngs.noaa.gov/TOOLS/spc.shtml |
| X coordinate of block midpoint | mid_x_sp | Calculated based on Block Geometry | Double | Blockface start point X coordinate. Units are in feet. | In the coordinate system NAD_1983_StatePlane_New_York_Long_Island_FIPS_3104_Feet. This is the coordinate system used by a majority of geographic data files available on the NYC open data portal. For more information about state plane, visit http://www.ngs.noaa.gov/TOOLS/spc.shtml |
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| X coordinate of block end point | end_x_sp | Calculated based on Block Geometry | Double | Blockface end point X coordinate. Units are in feet. | In the coordinate system NAD_1983_StatePlane_New_York_Long_Island_FIPS_3104_Feet. This is the coordinate system used by a majority of geographic data files available on the NYC open data portal. For more information about state plane, visit http://www.ngs.noaa.gov/TOOLS/spc.shtml |

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| Latitude of block start point | start_lat | Calculated based on Block Geometry | Double | Blockface start point latitude, in decimal degree | In the coordinate system GCS_WGS_1984. In decimal degrees. This coordinate is appropriate for use in web mapping software. |
| Longitude of block start point | start_long | Calculated based on Block Geometry | Double | Blockface start point longitude, in decimal degree | In the coordinate system GCS_WGS_1984. In decimal degrees. This coordinate is appropriate for use in web mapping software. |
| Latitude of block midpoint | mid_lat | Calculated based on Block Geometry | Double | Blockface mid point latitude, in decimal degree | In the coordinate system GCS_WGS_1984. In decimal degrees. This coordinate is appropriate for use in web mapping software. |
| Longitude of block midpoint | mid_long | Calculated based on Block Geometry | Double | Blockface mid point longitude, in decimal degree | In the coordinate system GCS_WGS_1984. In decimal degrees. This coordinate is appropriate for use in web mapping software. |
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