HPD Housing Production Open Data Files

Introduction

The Department of Housing Preservation and Development (HPD) reports on projects, buildings, and units that began after January 1, 2014 and are counted towards the Housing New York (HNY) plan.

The HPD Housing Production Open Data is published as two different files.

1. The Housing New York Units by Building presents the data by building, and includes building-level data, such as house number, street name, BBL, and BIN for each building in a project. The unit counts are provided by building.

2. The Housing New York Units by Project presents the data by project, and includes project-level data, such as senior units, but does not include building-level data. The unit counts are provided for each project, rather than by building.

All unit counts in both files are reported at the project start date. The project start date is the date of the project's loan or agreement closing.

HPD Housing Production data is updated quarterly.

For certain types of projects to assist homeowners or special populations, some location-identifying information is excluded from both of the housing production files. These projects are marked as "CONFIDENTIAL" in the Project Name column of each dataset. In these cases, the Building ID, House Number, Street Name, and Planned Tax Benefit data have been removed.

A list of answers to frequently asked questions is included at the end of this document. Please direct questions about these datasets to opendata@hpd.nyc.gov.

Data Dictionary

Housing New York Units by Building

Each record in the Housing New York Units by Building file represents a building in a specific housing development or preservation project. A building may appear in the file more than once if it has been involved in multiple projects.

Field	Data Type	Description
Project ID	Plain Text	The Project ID is a unique numeric identifier assigned to each project by HPD.
Project Name	Plain Text	The Project Name is the name assigned to the project by HPD. Note: Certain types of projects to assist homeowners or special populations are marked as "CONFIDENTIAL".
Project Start Date	Date & Time	The Project Start Date is the date of the

Field	Data Type	Description
		project loan or agreement closing.
Project Completion Date	Date & Time	The Project Completion Date is the date that the last building in the project was completed. If the project has not yet completed, then the field is blank.
Building ID	Plain Text	The Building ID is a unique numeric identifier assigned to each building by HPD. Note: Building IDs for Confidential projects are masked.
House Number	Number	The House Number is the street number in the building's address. E.g., the house number is '100' in '100 Gold Street.' Note: address information for Confidential projects are masked.
Street Name	Plain Text	The Street Name is the name of the street in the building's address. E.g., the street name is 'Gold Street' in '100 Gold Street.' Note: address information for Confidential projects are masked.
Borough	Plain Text	The Borough is the borough where the building is located.
Postcode	Number	The Postcode is the postcode where the building is located.
BBL	Number	The BBL (Borough, Block, and Lot) is a unique identifier for each tax lot in the City.
BIN	Number	The BIN (Building Identification Number) is a unique identifier for each building in the City.
Community Board	Number	The Community Board field indicates the New York City Community District where the building is located.
Council District	Number	The Council District field indicates the New York City Council District where the building is located.
Census Tract	Number	The Census Tract field indicates the 2010 U.S. Census Tract where the building is located.
NTA - Neighborhood Tabulation Area	Plain Text	The Neighborhood Tabulation Area field indicates the New York City Neighborhood Tabulation Area where the building is located.
Latitude	Plain Text	The Latitude and Longitude specify the location of the property on the earth's surface. The coordinates provided are an estimate of the location based on the street segment and address range.
Longitude	Plain Text	
Latitude (Internal)	Plain Text	The Latitude (Internal) and Longitude (Internal) specify the location of the property
Longitude (Internal)	Plain Text	

Field	Data Type	Description
		on the earth's surface. The coordinates provided are of the internal centroid derived from the tax lot.
Building Completion Date	Date & Time	The Building Completion Date is the date the building was completed. The field is blank if the building has not completed.
Reporting Construction Type	Plain Text	The Reporting Construction Type field indicates whether the building is categorized as 'new construction' or 'preservation' in *Housing New York* statistics. Note that some preservation projects included here may not actually involve construction, because they extend the project's regulatory restrictions but do not require rehabilitation.
Extended Affordability Only	Plain Text	The Extended Affordability Only field indicates whether the project is considered to be Extended Affordability. An extended affordability project involves no construction, but secures an extended or new regulatory agreement. All extended affordability projects have a 'reporting construction type' of 'preservation.'
Prevailing Wage Status	Plain Text	The Prevailing Wage Status field indicates whether the project is subject to prevailing wage requirements, such as Davis Bacon.
Extremely Low Income Units	Number	Extremely Low Income Units are units with rents that are affordable to households earning 0 to 30% of the area median income (AMI).
Very Low Income Units	Number	Very Low Income Units are units with rents that are affordable to households earning 31 to 50% of the area median income (AMI).
Low Income Units	Number	Low Income Units are units with rents that are affordable to households earning 51 to 80% of the area median income (AMI).
Moderate Income Units	Number	Moderate Income Units are units with rents that are affordable to households earning 81 to 120% of the area median income (AMI).
Middle Income Units	Number	Middle Income Units are units with rents that are affordable to households earning 121 to 165% of the area median income (AMI).
Other Income Units	Number	Other Units are units reserved for building superintendents.
Studio Units	Number	Studio Units are units with 0-bedrooms.
1-BR Units	Number	1-BR Units are units with 1-bedroom.
2-BR Units	Number	2-BR Units are units with 2-bedrooms.

Field	Data Type	Description
3-BR Units	Number	3-BR Units are units with 3-bedrooms.
4-BR Units	Number	4-BR Units are units with 4-bedrooms.
5-BR Units	Number	5-BR Units are units with 5-bedrooms.
6-BR+ Units	Number	6-BR+ Units are units with 6-bedrooms or more.
Unknown-BR Units	Number	Unknown-BR Units are units with an unknown number of bedrooms.
Counted Rental Units	Number	Counted Rental Units are the units in the building, counted toward the Housing New York plan, where assistance has been provided to landlords in exchange for a requirement for affordable units.
Counted Homeownership Units	Number	Counted Homeownership Units are the units in the building, counted toward the Housing New York Plan, where assistance has been provided directly to homeowners.
All Counted Units	Number	The Counted Units field indicates the total number of affordable, regulated units counted towards the Housing New York plan that are in the building.
Total Units	Number	The Total Units field indicates the total number of units, affordable and market rate, in each building.

Housing New York Units by Project

Each record in the Housing New York Units by Project file represents a housing development or preservation project. Location details for buildings are not provided. Please note that this file cannot be mapped. As of FY2018 Q3, the only fields in the Housing New York Units by Project that are not included in the Housing New York Units by Building file are "Senior Units" and "Planned Tax Benefit."

Field		Description
Project ID	Plain Text	The Project ID is a unique numeric identifier assigned to each project by HPD.
Project Name	Plain Text	The Project Name is the name assigned to the project by HPD. Note: Certain types of projects to assist homeowners or special populations are marked as "CONFIDENTIAL".
Project Start Date	Date & Time	The Project Start Date is the date of the project loan or agreement closing.
Project Completion Date	Date & Time	The Project Completion Date is the date that the last building in the project was completed. If the project has not yet completed, then the field is blank.
Extended Affordability Only	Plain Text	The Extended Affordability Only field

Field		Description
		indicates whether the project is considered to be Extended Affordability. An extended affordability project involves no construction, but secures an extended or new regulatory agreement. All extended affordability projects have a 'reporting construction type' of 'preservation.'
Prevailing Wage Status	Plain Text	The Prevailing Wage Status field indicates whether the project is subject to prevailing wage requirements, such as Davis Bacon.
Planned Tax Benefit	Plain Text	The Planned Tax Benefit field indicates the type of tax benefit that is anticipated for the project at the time of the project start. Data on actual/final tax benefits received can only be obtained from the NYC Department of Finance. Note: Planned Tax Benefit data for confidential projects are masked.
Extremely Low Income Units	Number	Extremely Low Income Units are units with rents that are affordable to households earning 0 to 30% of the area median income (AMI).
Very Low Income Units	Number	Very Low Income Units are units with rents that are affordable to households earning 31 to 50% of the area median income (AMI).
Low Income Units	Number	Low Income Units are units with rents that are affordable to households earning 51 to 80% of the area median income (AMI).
Moderate Income Units	Number	Moderate Income Units are units with rents that are affordable to households earning 81 to 120% of the area median income (AMI).
Middle Income Units	Number	Middle Income Units are units with rents that are affordable to households earning 121 to 165% of the area median income (AMI).
Other Income Units	Number	Other Units are units reserved for building superintendents.
Counted Rental Units	Number	Counted Rental Units are the units in the building, counted toward the Housing New York plan, where assistance has been provided to landlords in exchange for a requirement for affordable units.
Counted Homeownership Units	Number	Counted Homeownership Units are the units in the building, counted toward the Housing New York Plan, where assistance has been provided directly to homeowners.
All Counted Units	Number	The Counted Units field indicates the total number of affordable, regulated units

Field		Description
		counted towards the Housing New York plan that are in the building.
Total Units	Number	The Total Units field indicates the total number of units, affordable and market rate, in each building.
Senior Units	Number	Senior Units are units that are created or preserved for senior households. Senior Units are a subset of the Counted Units in a building, and are also included in the appropriate Extremely Low Income, Low Income, Moderate Income, Middle Income, or Other category.

Geocoding Methodology

The spatial fields (BBL, BIN, Community Board, Council District, Census Tract, Neighborhood Tabulation Area, Latitude, Longitude) in the Housing New York Units by Building file are the output of Geosupport Function 1B. HPD uses the Geoclient API to query Geosupport.

Some buildings listed in the Housing New York Units by Building file do not contain all of the spatial fields. If a building is under construction, the data available in Geosupport may be incomplete. The spatial fields will be revised quarterly as these buildings complete and Geosupport is updated.

Frequently Asked Questions (FAQs)

1. How many affordable units have been created or preserved by Housing New York?

   The total number of affordable units created or preserved as part of the Housing New York plan can be found by summing the 'Counted Units' column in either the Housing New York Units by Building or Housing New York by Project file.

2. How many housing development and preservation projects are included in Housing New York?

   The total number of housing development and preservation projects in Housing New York can be found by counting all of the records in the Housing New York Units by Project file.

3. How many affordable units have been created or preserved in a specific Community District?

   The total number of affordable units created or preserved as part of the Housing New York plan in a specific Community District can be found by filtering the data using the 'Community Board' column, and then summing the 'Counted Units' column.

4. How many senior units have been created or preserved by Housing New York?

The total number of senior units that have been created or preserved by Housing New York can be found by summing the 'Senior Units' column in the Housing New York Units by Project file.

5. Why is the 'Senior Units' column only included in the Housing New York Units by Project file?

    In many cases, the number of senior units is only recorded by project when the project starts.

6. How do I map this dataset?

    The Housing New York Units by Building can be mapped using the 'Latitude' and 'Longitude' fields or the 'Latitude (Internal)', and 'Longitude (Internal)' fields. The Housing New York Units by Project file cannot be mapped, because it does not include information about the buildings in each project.

Disclaimer

The data provided in the Housing Production Open Data files is for informational purposes. The City does not warranty the completeness, accuracy, content, or fitness for any particular purpose or use of any public data set made available. The data may be updated, corrected, overwritten and/or refreshed at any time. If you identify errors or inconsistencies in the data, please report them to opendata@hpd.nyc.gov.