

# **Equitable Development Data Tool and Displacement Risk Index**

## **Data Dictionary and Sources**

NYC Department of City Planning & Housing Preservation and Development

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V. 1

# Data Dictionary: Equitable Development Data Tool

For links to more information and expanded descriptions, please see 'data source websites'

Section	Indicator	Source	Years	Description
Housing Production	Change in units	NYC Department of City Planning	2010-2020	Change in net residential units, including job types that add or remove residential units: new buildings, alterations that increase and decrease units, and demolitions.
Housing Production	Affordable housing construction	NYC Open Data, NYC Housing Preservation and Development	2014-2021	All new housing units reported by NYC Housing Preservation and Development beginning January 1, 2014. New construction unit counts are reported at the project start date. The project start date is the date of the project's loan or agreement closing. Housing units are reported by the income restrictions associated with each unit: Extremely Low-Income (<30% Area Median Income); Very Low Income (31-50% Area Median Income); Low Income (51-80% Area Median Income); Moderate Income (81-120% Area Median Income); and Middle Income (121-165% Area Median Income.)
Housing Production	Affordable housing preservation	NYC Open Data, NYC Housing Preservation and Development	2014-2021	All housing units for which income-restricted affordability was preserved and reported by NYC Housing Preservation and Development beginning January 1, 2014. Unit counts are reported at the project start date. The project start date is the date of the project's loan or agreement closing. Housing units are reported by the income restrictions associated with each unit: Extremely Low-Income (<30% Area Median Income); Very Low Income (31-50% Area Median Income); Low Income (51-80% Area Median Income); Moderate Income (81-120% Area Median Income); and Middle Income (121-165% Area Median Income.)
Housing Production	Area within a historic district	NYC Open Data, NYC Landmarks Preservation Commission	1965 - current	Area within a historic district. All designated historic districts or areas under consideration for historic district designation (i.e. calendared) by the New York City Landmarks Preservation Commission (LPC), including items that may have been denied designation or overturned.

Demographic Conditions	Race and Hispanic origin	Decennial Census	2000, 2010, 2020	<p>Population by race/Hispanic origin, including Hispanic, White non-Hispanic; Black non-Hispanic; Asian non-Hispanic; and Some other and two or more races non-Hispanic.</p> <p>The U.S. Office of Management and Budget (OMB) requires two minimum categories for data on ethnicity (Hispanic or Latino and Not Hispanic or Latino) and five minimum categories on race (American Indian or Alaska Native, Asian, Black or African American, Native Hawaiian or Other Pacific Islander and White). The Census Bureau is also required by Congress to use the category "Some Other Race." People may report multiple races. The OMB standards require two separate race and ethnicity questions for self-response.</p> <p>Data from the questions on race and Hispanic origin can be organized in multiple ways. In the EDDT, mutually exclusive race/Hispanic origin categories are used. Those who select one race are considered one race "alone." Those who select more than one race are considered "two or more races." Those who report Hispanic origin are included in the "Hispanic" population, regardless of race(s) reported. (There are other terms – e.g., Latinx – people of Latin American origin or descent may use to self-identify. In the EDDT, "Hispanic" is used in order to maintain consistency with data provided and terminology used by the U.S. Census Bureau.)</p> <p>The Census Bureau notes that race and ethnicity categories generally reflect social definitions in the U.S. and are not an attempt to define race and ethnicity biologically, anthropologically, or genetically; it recognizes that these categories include racial, ethnic, and national origins and sociocultural groups. Data on race and Hispanic origin are used to inform enforcement of civil rights and equal employment opportunity laws, in addition to other anti-discrimination mandates. It is important to note that there is significant diversity within each of the broad race and Hispanic origin categories reported by the Census Bureau.</p>
Demographic Conditions	Limited English speaking population	Decennial Census, American Community Survey	2000, 2008-2012, 2015-2019	Population 5 years and over who speak a language other than English at home and speak English less than "very well".
Demographic Conditions	Foreign-born population	Decennial Census, American Community Survey	2000, 2008-2012, 2015-2019	The foreign-born population includes anyone who was not a U.S. citizen at birth.
Demographic Conditions	Age	Decennial Census, American Community Survey	2000, 2008-2012, 2015-2019	Population by specified age groups including under 16 years, 16 to 64 years, 65 years and over, and median age. The median is calculated using linear interpolation.
Housing Security and Quality	Median rent	American Community Survey	2008-2012, 2015-2019	<p>Median gross rent in 2019 inflated dollars.</p> <p>Gross rent is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water and sewer) and fuels (oil, coal, kerosene, wood, etc.) if these are paid by the renter (or paid for the renter by someone else).</p> <p>The median is calculated using linear interpolation and rounded to nearest whole dollar. Dollar values from previous years are inflated to the latest year's dollar values based on the U.S. Bureau of Labor Statistics' Consumer Price Index (CPI).</p>

Housing Security and Quality	Median home value	American Community Survey	2008-2012, 2015-2019	Median home value in 2019 inflated dollars. Value is the respondent's estimate of how much the property would sell for if it were for sale.  The median is calculated using linear interpolation and rounded to nearest whole dollar. Dollar values from previous years are inflated to the latest year's dollar values based on the U.S. Bureau of Labor Statistics' Consumer Price Index (CPI).
Housing Security and Quality	Housing tenure	Decennial Census, American Community Survey	2000, 2008-2012, 2015-2019	Tenure of occupied housing units, owner-occupied and renter-occupied units.
Housing Security and Quality	Rent-stabilized housing units	NYC Housing and Vacancy Survey	2002; 2011; 2017	Occupied housing units that are subject to rent stabilization under New York State rent laws. NYS Homes and Community Renewal (HCR) is the state agency that administers the rent laws.
Housing Security and Quality	Market-rate rental housing unit	NYC Housing and Vacancy Survey	2002; 2011; 2017	Occupied rental housing units for which rents are unregulated.
Housing Security and Quality	Income-restricted housing units	NYC Housing Preservation and Development, New York City Housing Authority	2014-2021	Total number of current apartmetns in New ork City Housing Authority (NYCHA) Developments; and all units subject to income and rent restriction from a new or preserved regulatory agreement reported by NYC Housing Preservation and Development beginning January 1, 2014. Unit counts are reported at the project start date. The project start date is the date of the project's loan or agreement closing.
Housing Security and Quality	Rent-burdened households	American Community Survey	2008-2012, 2015-2019	Share of occupied housing units paying rent with a gross rent as a percentage of household income of 30% or more. Households paying more than 30% of income on rent are considered rent-burdened. Gross rent as a percentage of household income is a computed ratio of monthly gross rent to monthly household income (total household income divided by 12).
Housing Security and Quality	Severely rent-burdened households	American Community Survey	2008-2012, 2015-2019	Share of occupied housing units paying rent with a gross rent as a percentage of household income of 50% or more. Severe rent burden indicates paying more than 50% of income on rent. Gross rent as a percentage of household income is a computed ratio of monthly gross rent to monthly household income (total household income divided by 12).
Housing Security and Quality	Housing units affordable to extremely low-income (ELI) households	NYC Housing and Vacancy Survey	2002; 2011; 2017	Forthcoming
Housing Security and Quality	Housing units affordable to very low-income (VLI) households	NYC Housing and Vacancy Survey	2002; 2011; 2017	Forthcoming
Housing Security and Quality	Housing units affordable to low-income (LI) households	NYC Housing and Vacancy Survey	2002; 2011; 2017	Forthcoming
Housing Security and Quality	Housing units affordable to moderate-income (MI) households	NYC Housing and Vacancy Survey	2002; 2011; 2017	Forthcoming
Housing Security and Quality	Housing units affordable to middle-income (MIDI) households	NYC Housing and Vacancy Survey	2002; 2011; 2017	Forthcoming
Housing Security and Quality	Housing units affordable to high-income (HI) households	NYC Housing and Vacancy Survey	2002; 2011; 2017	Forthcoming

Housing Security and Quality	Residential eviction cases filed in housing court	New York State Office of Court Administration	TBD	Residential evictions cases filed in housing court in New York City beginning January 1, 2016. Housing court residential evictions filings data is provided by the New York State Office of Court Administration.
Housing Security and Quality	Residential evictions executed by City Marshals	NYC Open Data, NYC Department of Investigation	2017-2020	Number of residential evictions executed by a New York City Marshal.
Housing Security and Quality	Housing units with 3 or more maintenance deficiencies	NYC Housing and Vacancy Survey	2002; 2011; 2017	Occupied housing unit where residents report three or more maintenance deficiencies. Maintenance deficiencies could include 1) inadequate heating in the winter, 2) heating breakdown, 3) cracks or holes in interior walls, ceilings, or floors, 4) presence of rodents, 5) peeling paint or presence of broken plaster, 6) toilet breakdowns, and/or 7) water leaks.
Housing Security and Quality	Housing units that are overcrowded	NYC Housing and Vacancy Survey	2002; 2011; 2017	Occupied units with more than 2 persons per bedroom (or more than 2 persons per studio).
Housing Security and Quality	Affordable housing lottery applicants	NYC Housing Preservation and Development	TBD	Forthcoming
Housing Security and Quality	Affordable housing lottery awardees	NYC Housing Preservation and Development	TBD	Forthcoming
Housing Security and Quality	Number of individuals in DHS shelter system by previous residence	NYC Open Data, NYC Department of Homeless Services	2018; 2020	Previous address information is supplied by DHS shelter clients and the associated Community District and Borough are identified where possible. Borough counts may be larger than the sum of all Community Districts as some addresses cannot be associated with a Community District.
Household Economic Security	Median household income	American Community Survey	2008-2012, 2015-2019	<p>Median household income in 2019 inflated dollars. Income of the householder and all other individuals 15 years old and over in the household, whether they are related to the householder or not.</p> <p>The median is calculated using linear interpolation and rounded to nearest whole dollar. Dollar values from previous years are inflated to the latest year's dollar values based on the U.S. Bureau of Labor Statistics' Consumer Price Index (CPI).</p>
Household Economic Security	Extremely low-income households (ELI)	American Community Survey	2015-2019	<p>Extremely Low-Income households are defined as households whose incomes fall below 30% of the New York Region's Area Median Income (AMI), as calculated annually by HUD.</p> <p>This indicator is calculated using the 2017 AMI band for ELI households by household size, inflated to 2019 dollars. Households with incomes that fall within the AMI band by household size are aggregated for a total number of households for the AMI category.</p>
Household Economic Security	Very low-income households (VLI)	American Community Survey	2015-2019	<p>Very low-income households are defined as households whose incomes fall between 31% and 50% of the New York Region's Area Median Income (AMI), as calculated annually by HUD.</p> <p>This indicator is calculated using the 2017 AMI band for VLI households by household size, inflated to 2019 dollars. Households with incomes that fall within the AMI band by household size are aggregated for a total number of households for the AMI category.</p>

Household Economic Security	Low-income households (LI)	American Community Survey	2015-2019	<p>Low-income households are defined as households whose income fall between 51% and 80% of the New York Region's Area Median Income (AMI), as calculated annually by HUD.</p> <p>This indicator is calculated using the 2017 AMI band for LI households by household size, inflated to 2019 dollars. Households with incomes that fall within the AMI band by household size are aggregated for a total number of households for the AMI category.</p>
Household Economic Security	Moderate-income households (MI)	American Community Survey	2015-2019	<p>Moderate-income households are defined as households whose income fall between 81% and 120% of the New York Region's Area Median Income (AMI), as calculated annually by HUD.</p> <p>This indicator is calculated using the 2017 AMI band for MI households by household size, inflated to 2019 dollars. Households with incomes that fall within the AMI band by household size are aggregated for a total number of households for the AMI category.</p>
Household Economic Security	Middle-income households (MIDI)	American Community Survey	2015-2019	<p>Middle-income households are defined as households whose income fall between 121% and 165% of the New York Region's Area Median Income (AMI), as calculated annually by HUD.</p> <p>This indicator is calculated using the 2017 AMI band for MIDI households by household size, inflated to 2019 dollars. Households with incomes that fall within the AMI band by household size are aggregated for a total number of households for the AMI category.</p>
Household Economic Security	High-income households (HI)	American Community Survey	2015-2019	<p>High-income households are defined as households whose income exceeds 165% of the New York region's Area Median Income (AMI), as calculated annually by HUD.</p> <p>This indicator is calculated using the 2017 AMI band for HI households by household size, inflated to 2019 dollars. Households with incomes that fall within the AMI band by household size are aggregated for a total number of households for the AMI category.</p>
Household Economic Security	Labor force participation	American Community Survey	2008-2012, 2015-2019	<p>Population 16-64 in the labor force. Labor force consists of people classified as employed or unemployed in the civilian labor force and those in the U.S. Armed Forces.</p>
Household Economic Security	Employment by occupation	American Community Survey	2008-2012, 2015-2019	<p>Civilian employed population 16 to 64 years by occupation. Occupation data describe the kind of work the person does on the job.</p>
Household Economic Security	Employment by industry sector	American Community Survey	2008-2012, 2015-2019	<p>Civilian employed population 16 to 64 years by industry. Industry data describe the kind of business conducted by a person's employing organization.</p>
Household Economic Security	Median wages by occupation	American Community Survey	2008-2012, 2015-2019	<p>Median wages for the civilian employed population 16 to 64 years by occupation in 2019 inflated dollars. Wage or salary income includes total money earnings received for work performed as an employee during the past 12 months.</p> <p>The median is calculated using linear interpolation and rounded to nearest whole dollar. Dollar values from previous years are inflated to the latest year's dollar values based on the U.S. Bureau of Labor Statistics' Consumer Price Index (CPI).</p>

Household Economic Security	Median wages by industry	American Community Survey	2008-2012, 2015-2019	Median wages for the civilian employed population 16 to 64 years by industry in 2019 inflated dollars. Wage or salary income includes total money earnings received for work performed as an employee during the past 12 months.  The median is calculated using linear interpolation and rounded to nearest whole dollar. Dollar values from previous years are inflated to the latest year's dollar values based on the U.S. Bureau of Labor Statistics' Consumer Price Index (CPI).
Household Economic Security	Educational attainment	Decennial Census, American Community Survey	2000, 2008-2012, 2015-2019	Population 25 years and over by highest educational grade complete which covers the following categories: Less than high school graduate, high school graduate (includes equivalency), some college or Associate's degree, and Bachelor's degree or higher.
Quality of Life and Access to Opportunity	Park Access	NYC Department of Parks and Recreation, NYC Department of City Planning	2019	Residents within walking distance of a park. "Walking distance" is defined as a 1/4-mile or less for sites such as small playgrounds and sitting areas; or a 1/2-mile or less for larger parks that serve a wider region, typically over 8 acres or situated on the waterfront.
Quality of Life and Access to Opportunity	Commute to work by automobile/carpool	American Community Survey	2006-2010, 2015-2019	Percent of residents that commute to work by automobile or automobile carpooling.
Quality of Life and Access to Opportunity	ADA Subway Station Access	NYC Department of City Planning	2020	Percent of residents living within 1/4 mile of ADA accessible subway stations.
Quality of Life and Access to Opportunity	Select Bus Station (SBS) and Subway Access	NYC Department of City Planning	2020	Percent of residents living within 1/4 mile of a Select Bus Station or subway station.
Quality of Life and Access to Opportunity	3rd-8th Math Proficiency	NYC Department of Education	2017-2018	The rate of proficiency on State-level math tests for 3rd to 8th graders by where students live.
Quality of Life and Access to Opportunity	3rd-8th grade English and Language Arts (ELA) Proficiency	NYC Department of Education	2017-2018	The rate of proficiency on State-level English and Language Arts (ELA) for 3rd to 8th graders by where students live.
Quality of Life and Access to Opportunity	HS Graduation rate by where students live (percent)	NYC Department of Education	2017-2018	Graduation rate is defined as the percentage of students who entered 9th grade in a given year and earned either a local or Regent's diploma within 4 years.
Quality of Life and Access to Opportunity	Covid-19 deaths	NYC Department of Health and Mental Hygiene	2020-2021	Number of confirmed and probable deaths per 100,000 people by age group.  There are two classifications of COVID-19 deaths reported:  1. A death is classified as confirmed if the decedent was a NYC resident who had a positive molecular test for the virus that causes COVID-19.  2. A death is classified as probable if the decedent had no known positive molecular test for the virus that causes COVID-19 but the death certificate lists "COVID-19" or an equivalent as a cause of death.
Quality of Life and Access to Opportunity	Infant mortality	NYC Department of Health and Mental Hygiene	2000-2017	Number of deaths under 1 year of age per 1,000.
Quality of Life and Access to Opportunity	Traffic fatalities	NYC Department of City Planning , NYC Department of Transportation	2010-2014; 2016-2020	Average of total traffic (motorists, cyclists, pedestrians) deaths over the 5 year period per 100 street mile.
Quality of Life and Access to Opportunity	Traffic injuries	NYC Department of City Planning, NYC Department of Transportation	2010-2014; 2016-2020	Average traffic injuries per 100 street mile which covers the following categories: Total injuries (motorist, cyclist, and pedestrian), motorist injuries, cyclist injuries, and pedestrian injuries.

Quality of Life and Access to Opportunity	Broadband internet access	American Community Survey	2015-2019	Residents that have access to broadband internet. Access refers to whether someone in the household uses or can connect to the internet, regardless of whether or not they pay for the service. Broadband internet refers to service such as cable, fiber optic, or DSL.
Quality of Life and Access to Opportunity	Heat Vulnerability Index	American Community Survey (2013-2017), New York City Department of Parks and Recreation (2017), U.S. Geological Survey LandSat (2018), United States Census Housing and Vacancy Survey (2017)	2013-2017; 2017; 2018; 2017	The Heat Vulnerability Index (HVI) shows neighborhoods whose residents are more at risk for dying during and immediately following extreme heat. It uses a statistical model to summarize the most important social and environmental factors that contribute to neighborhood heat risk. The factors included in the HVI are surface temperature, green space, access to home air conditioning, and the percentage of residents who are low-income or non-Latinx Black. Differences in these risk factors across neighborhoods are rooted in past and present racism. Neighborhoods are scored from 1 (lowest risk) to 5 (highest risk). All neighborhoods have residents at risk for heat illness and death. A neighborhood with low vulnerability does not mean no risk.
Quality of Life and Access to Opportunity	Jobs within 30 minutes by transit	NYC Department of City Planning, U.S. Census Longitudinal Employer-Household Dynamics; American Community Survey	2019 LEHD; 2015-2019 ACS	Weighted average of the number of jobs accessible within 30 minutes by public transit.
Quality of Life and Access to Opportunity	Self reported health (percent poor, good, very good, excellent)	NYC Department of Health and Mental Hygiene	2002-2017	Adults who report their health as 'excellent', 'very good', or 'good' on the DOHMH annual Community Health Survey.
Quality of Life and Access to Opportunity	Premature deaths per 100,000 residents	NYC Department of Health and Mental Hygiene	2000-2017	Number of deaths per 100,000 people under the age of 65 years.
Quality of Life and Access to Opportunity	Pedestrian injury hospitalization	NYC Department of Health and Mental Hygiene; NYS Statewide Planning and Research Cooperative System	2016	Number of nonfatal hospitalizations related to pedestrian injuries per 100,000 residents.  Number of NYC nonfatal hospitalizations related to pedestrian injuries among all ages was identified using the following ICD10-CM injury codes: V01-V99. Only live discharges and initial encounters are included. Citywide totals include both NYC residents and non-residents.
Quality of Life and Access to Opportunity	Non fatal assault hospitalizations	NYC Department of Health and Mental Hygiene; NYS Statewide Planning and Research Cooperative System	2016	Non-fatal assault hospitalizations per 100,000 residents. Non-fatal assault hospitalizations among all ages was identified using the following ICD10-CM codes: X92-X99, Y00-Y04, Y07-Y09, T(36-65).x3, T(36-65).xx3, T71.xx3, T74, T76. Only live discharges and initial encounters are included. Assaults classified as terrorism, legal intervention, or operations of war are excluded.  Violence is frequently described through homicide statistics. While it is a leading cause of death and captures the most severe form of violence, non-fatal violence-related injuries resulting in hospitalizations are much more common and help paint the larger picture on the burden of violence and its impact on the health and future of individuals, families, and communities.
Quality of Life and Access to Opportunity	Diabetes prevalence	NYC Department of Health and Mental Hygiene Community Health Survey	2002-2004; 2006-2017	Population ages 18-64 who report ever having been told by a provider that they have diabetes.
Quality of Life and Access to Opportunity	Overdose deaths	NYC Department of Health and Mental Hygiene Community Health Survey	2000-2020	Unintentional overdose deaths involving any drug population ages 15-84 per 100,000 residents. Excludes alcohol and tobacco.



# Data Dictionary: Displacement Risk Index

Indicator	Category	Data type	Source	Year(s)	Geography	Classification	Description
Race: Not White non-Hispanic population	Population Vulnerability	number	Decennial Census	2020	NTA	Continuous, lowest NTA = 0, highest NTA = 100	Share of the population who are not White non-Hispanic (Hispanic, Black non-Hispanic, Asian non-Hispanic, and some other race and two or more races non-Hispanic)
Income: Below 200% of federal poverty rate	Population Vulnerability	number	American Community Survey	2015-2019	NTA	Bottom quintile =0, top quintile = 100	Share of the population for whom poverty status is determined whose income is below 200% of the federal poverty rate
Limited-English speaking population	Population Vulnerability	number	American Community Survey	2015-2019	NTA	Bottom quartile =0, top quartile = 100	Share of the population 5 years and over who speak a language other than English at home that speak English less than "very well"
Severe rent burden	Population Vulnerability	number	American Community Survey	2015-2019	NTA	> than city rate = 100; no statistical difference from city rate = 0; < than city rate = 0	Share of households who spend more than 50% of their income on rent are considered severely rent burdened.
Rental units	Housing Conditions	number	American Community Survey	2015-2019	NTA	Bottom quintile =0, top quintile = 100	Share of occupied housing units that are rented
Units that are not rent-stabilized	Housing Conditions	number	NYC Housing and Vacancy Survey	2017	PUMA	> than city rate = 100; no statistical difference from city rate = 0; < than city rate = 0	Share of rental housing units not reported by their occupants as rent stabilized to the New York City Housing and Vacancy Survey. Rent stabilized units are subject to rent regulations under New York State rent laws. See the NYC Rent Guidelines Board ( <a href="https://rentguidelinesboard.cityofnewyork.us/resources/rent-stabilized-building-lists/">https://rentguidelinesboard.cityofnewyork.us/resources/rent-stabilized-building-lists/</a> ) for more information. NYS Homes and Community Renewal (HCR) is the state agency that administers the rent laws. Contact NYS HCR ( <a href="https://hcr.ny.gov/office-rent-administration-ora">https://hcr.ny.gov/office-rent-administration-ora</a> ) or use the Ask HCR webportal ( <a href="https://portal.hcr.ny.gov/app/ask">https://portal.hcr.ny.gov/app/ask</a> ) to find out if your apartment is rent stabilized.
Units that are not income-restricted	Housing Conditions	number	NYC Housing Preservation and Development, NYC Housing Authority		NTA	Continuous, lowest NTA = 0, highest NTA = 100	Share of all area housing units that are not in a New York City Housing Authority Development, or for which income-restricted affordability was preserved and reported by NYC Housing Preservation and Development beginning January 1, 2014.
Units with 3+ maintenance deficiencies	Housing Conditions	number	NYC Housing and Vacancy Survey	2017	PUMA	> than city rate = 100; no statistical difference from city rate = 0; < than city rate = 0	Share of occupied housing units where residents reported 3 or more maintenance deficiencies to the NYC Housing Vacancy Survey. Maintenance deficiencies could include 1) inadequate heating in the winter, 2) heating breakdown, 3) cracks or holes in interior walls, ceilings, or floors, 4) presence of rodents, 5) peeling paint or presence of broken plaster, 6) toilet breakdowns, and/or 7) water leaks.
Housing price appreciation	Market Pressure	number	NYC Department of Finance, NYC Housing Preservation and Development	2000 to 2020	PUMA	Continuous, lowest NTA = 0, highest NTA = 100	Repeat sales price index indicates cumulative change of sales pairs between 2000 and 2020 for properties with at least two and less than 10 repeated sales in that period. It excludes additional outliers such as sales pairs with short holding times, severe annual appreciation or depreciation, or sales in which the property's recorded property type changed. The index includes arm's length sales of 1-4 unit homes, 5+ unit rentals, coops, condos, and small mixed-use properties. The repeat sales index's base year is 2000, so the index estimates are based on 2000 values.
Change in rents	Market Pressure	number	American Community Survey	2006-2010, 2015-2019	NTA	> than city rate = 100; no statistical difference from city rate = 0; < than city rate = 0	Change in median gross rent in 2019 inflated dollars
Population with a Bachelor's degree or higher	Market Pressure	number	American Community Survey	2006-2010, 2015-2019	NTA	> than city rate = 100; no statistical difference from city rate = 0; < than city rate = 0	Change in the population 25 to 44 years with a Bachelor's degree or higher
Adjacent neighborhoods	Market Pressure	number			NTA	Adjacent NTAs = 50	Areas adjacent to neighborhoods with high Market Pressure per the other data points in this category
Population Vulnerability	Subindex	number	N/A	N/A	NTA	0-100	The normalized sum of values of all Population Vulnerability data points. Values of each data point were normalized for use in the calculation.
Housing Conditions	Subindex	number	N/A	N/A	NTA	0-100	The normalized sum of values of all Housing Conditions data points. data points at the PUMA level were given half weight, as they are less reliable when used to approximate the NTA level. Values of each data point were normalized for use in the calculation.
Market Pressure	Subindex	number	N/A	N/A	NTA	0-100	The normalized sum of values of all Market Pressure data points. data points at the PUMA level were given half weight, as they are less reliable when used to approximate the NTA level. Values of each data point were normalized for use in the calculation.
Displacement Risk Formula	Index	number	N/A	N/A	NTA	0-100	The displacement risk index value is calculated using the following formulas for the three options:  1. = (Population Vulnerability Subindex) + (Housing Conditions Subindex) + (Market Pressure Subindex) 2. = (Population Vulnerability Subindex * 2) + (Housing Conditions Subindex) + (Market Pressure Subindex) 3. = (Population Vulnerability Subindex) * (Housing Conditions Subindex + Market Pressure Subindex)

## Data Source Websites

Resource websites for more information and expanded descriptions by Data Dictionary EDDT 'Source'

Data Dictionary EDDT- Source(s)	Resource Website Name	Resource Website
Decennial Census	Census Bureau FAQ About Race and Ethnicity	<a href="https://www.census.gov/programs-surveys/decennial-census/decade/2020/planning-management/release/faqs-race-ethnicity.html">https://www.census.gov/programs-surveys/decennial-census/decade/2020/planning-management/release/faqs-race-ethnicity.html</a>
American Community Survey	American Community Survey Subject Definitions	<a href="https://www2.census.gov/programs-surveys/acs/tech_docs/subject_definitions/2020_ACSSubjectDefinitions.pdf">https://www2.census.gov/programs-surveys/acs/tech_docs/subject_definitions/2020_ACSSubjectDefinitions.pdf</a>
NYC Housing Preservation and Development	NYC Open Data - Housing New York Units by Building	<a href="https://data.cityofnewyork.us/Housing-Development/Housing-New-York-Units-by-Building/hg8x-zxpr">https://data.cityofnewyork.us/Housing-Development/Housing-New-York-Units-by-Building/hg8x-zxpr</a>
New York State Department of Health	Statewide Planning and Research Cooperative System	<a href="https://www.health.ny.gov/statistics/sparcs/">https://www.health.ny.gov/statistics/sparcs/</a>
Department of City Planning	New York City PLUTO and MapPLUTO	<a href="https://www1.nyc.gov/site/planning/data-maps/open-data/dwn-pluto-mappluto.page">https://www1.nyc.gov/site/planning/data-maps/open-data/dwn-pluto-mappluto.page</a>
NYC Department of Health and Mental Hygiene (DOHMH) Community Health Survey	Community Health Survey	<a href="https://www1.nyc.gov/site/doh/data/data-sets/community-health-survey.page">https://www1.nyc.gov/site/doh/data/data-sets/community-health-survey.page</a>
NYC Department of Health and Mental Hygiene (DOHMH) Vital Health Data	Vital Statistics Data	<a href="https://www1.nyc.gov/site/doh/data/data-sets/vital-statistics-data.page">https://www1.nyc.gov/site/doh/data/data-sets/vital-statistics-data.page</a>

## Explanation of geographies used for reporting data

The equitable development data tool will be displayed at the Public Use Microdata Area (PUMA) scale, a statistical area defined by the US Census. PUMAs in New York City generally approximate Community Districts. Displaying the data at the PUMA scale allows the tool to report data broken down by race and ethnicity. Data in the Tool will also be reported at the borough and citywide levels.

The displacement risk index, which is not broken down by race and ethnicity, will be displayed at a smaller geography, Neighborhood Tabulation Areas (NTA). NTAs are groupings of census tracts that are designed to approximate neighborhoods.

[For more information, visit NYC Population: Geographic Reference.](#)