

# Livability Index

A comparison of the Quality of Life across NYC's Community Districts to help Community Boards better serve their residents

**Manhattan Community Board 1**

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**Abstract**

This study identifies the factors that affect Quality of Life of residents in NYC neighborhoods and measures this Quality of Life on a scale, and compares the Quality of Life across different NYC neighborhoods through the Livability Index to help Community Boards better serve their residents by improving service delivery to address those issues that have been identified through this comparison.

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## **Introduction**

### **Background**

(n.) liv`a·bil`i·ty

1. Suitability for human living

2. The quality of life, usually in an urban setting, where the accessibility to needs and services (built and natural environments, economic prosperity, social stability, educational opportunity, cultural and recreation possibilities) contributes to overall well-being.

Livability is the sum of the factors that add up to a community's quality of life—including the built and natural environments, economic prosperity, social stability and equity, educational opportunity, and cultural, entertainment and recreation possibilities.

Livability describes the diverse aspects of society, surroundings, and shared experiences that shape a community. It focuses on the human experience and is specific to place and time. It includes economic, spatial, and social components that together define our today's communities. As such, it is best defined by the state, region, or community, and is best measured at a scale where consensus can be found. There is not one definitive description of what livability is and what it is not.

Perspectives on livability vary by geography, such as from resident to resident, community to community, and region to region. In addition, what is considered livable varies based on industry and responsibility, such as from agency to agency or industry to industry. The challenge is to find a definition of livability suited to the context.

Some well-established examples of this definition are-

*“Livability means being able to take your kids to school, go to work, see a doctor, drop by the grocery or post office, go out to dinner and a movie, and play with your kids in a park, all without having to get in your car.”* Secretary Ray LaHood, USDOT (1)

*“Livable communities are places where transportation, housing, and commercial development investments have been coordinated so that people have access to adequate, affordable, and environmentally sustainable travel options.”* USDOT Strategic Plan (2)

*“Livability is best defined at the local level. Broadly speaking, a livable community recognizes its own unique identity and places a high value on the planning processes that help manage growth and change to maintain and enhance its community character.”* American Institute of Architects (3)

*“A livable community is one that has affordable and appropriate housing, supportive community features and services, and adequate mobility options, which together facilitate personal independence and the engagement of residents in civic and social life.”* American Association of Retired Persons (4)

*“Livability is about providing people, including seniors and those who cannot afford to drive everywhere, better choices about how to travel throughout their regions. It is about encouraging growth in historic small town Main Streets across America and a high quality of life with ample green space, biking or walking paths, and shopping, restaurants, or health care located nearby and easily accessible.”* Transportation for America (5)

*“Livability in transportation is about leveraging the quality, location, and type of transportation facilities and services available to help achieve broader community goals such as access to a variety of jobs, community services, affordable housing, quality schools, and safe streets.”*  
Federal Highway Administration (6)

Quality of life can be defined as the standard of health, comfort, and happiness experienced by an individual or group, "the things that are needed for a good quality of life." Quality of life (QOL) is the general well-being of individuals and societies, outlining negative and positive features of life. As a concept, it observes life satisfaction, including everything from physical health, family, education, employment, wealth, religious beliefs, finance and the environment. It is a broad concept that encompasses a number of different dimensions. It encompasses both objective factors (e.g. material resources, health, work status, living conditions) and the subjective perception one has of them. The latter depends significantly on citizens' priorities and needs. Measuring quality of life for different populations and geographies in a comparable manner is a complex task, and a scoreboard of indicators covering a number of relevant dimensions is needed for this purpose. "Quality of life" is a subjective term. Numbers tell part of the story, but citizens often have an intuitive sense of whether conditions in a city are improving or declining. Recent polls indicate New Yorkers are deeply dissatisfied with the direction of the city, with voters across the spectrum expressing concerns about crime and a perceived decline in the quality of life.

The notion of a livable city – in the sense of “fit to live in” or “inhabitable” – requires two elements to be, and remain, in synch with each other. One of these concerns the characteristics of the population that demands those goods and services, such as shelter, energy, water and food, waste management and assimilation, health and public safety, education and entertainment, social engagement, economic contributions, creativity, and much more. In short, from this vantage point livability is judged through the lens of the needs and wants of those who do or may live in cities. A second element of livability comprises the city's environment, as defined by its physical and biological characteristics – the built infrastructures and ecosystems that provide the goods and services on which lives and livelihoods in the city depend. At a minimum, these ecosystem services stem from the green spaces and water bodies in and around cities that generate not only amenities, and through them economic value, but also provide valuable contributions, for example, to local climate regulation, air quality, and flood control.

The quality of cities has a significant influence on the quality of life for its residents. Ensuring healthy and safe living and working conditions is one of the core tasks that cities and municipalities must fulfill. The governing authorities in cities that provide a decent quality of life foster social cohesion by creating opportunities for their residents to play an active part in civic and political life.

### Problem Statement

The concept of urban livability has recently become a major concern in urban geography and urban policy. Historically, when ideas of “livability” and quality of life were first conceived during the Industrial Revolution, urban livability was understood largely in terms of basic survivability, including sanitation, access to utilities, crime rates, and housing quality (Pacione, [1986](#)). In the last generation, however, planners, states, and researchers have moved to incorporate measures of socio-psychological conditions and more “subjective” evaluations and experiences of city life (Pacione, [2003](#)). This has included quantification and qualification of indicators more associated with the *quality* of urban life space, including the availability of parking spaces, the number of sheltered walkways, and the general walkability of neighborhoods (Balsas, [2004](#); Pacione, [2003](#)).

Livable cities offer equitable access to basic service and housing, to public spaces, and to opportunities for cultural, economic, social, and political participation. They create the enabling environment for a flourishing economy with employment and economic opportunities for all sections of the population. Reducing social barriers and inequalities strengthens social cohesion and has a positive impact on the way in which people live together in cities.

Livable cities raise the quality of life and the quality of environment for all. They provide safe public spaces and places for neighborly encounters where people can interact and relax, engage in cultural activities and celebrate their diversity. They provide green spaces and well-designed public locations and facilities where people can relax and get together, learn, or engage in sports. The architectural quality of buildings and urban neighborhoods and the mixing of different functions and social levels likewise contribute to the quality of life and to healthy living conditions.

New York City is never featured on the list of top 10 most livable cities in the world. Very few American cities are. This project was conceived as an attempt to identify those factors that affect the Quality of Life of New Yorkers and explores ways in which these factors could be improved to better the Livability for New Yorkers.

This study employs the terms Livability and Quality of Life to define all those factors which affect city residents’ lives at a neighborhood scale and also those which can be acted upon by Community Boards.

## **Methodology**

### **Factors**

The factors identified to measure livability across NYC neighborhoods were categorized into seven categories based on the existing committees and task forces of Manhattan Community Board 1 derived from the City Charter for effective implementation of any recommendations. The essential duties of the community boards as described in the city charter is service provision and delivery to its residents.

The seven categories are Health Care and Human Services; Youth, Education, and Child Welfare; Public Safety; Core Infrastructure and City Services; Land Use, Housing, and Human Development; Transportation; and Community Facilities, Parks, and Cultural Facilities.

Based on other studies and prior research carried out in the area, District needs statement, 200+ factors were originally identified that affect quality of life of residents in NYC which can be influenced to some extent by a community board. However, finally only 123 factors were used as there was no available data for some of the other factors or they were deemed outside the scope of influence of a Community Board.

Most factors are normalized over population in the district or area, whichever was deemed more appropriate to account for changes in density to truly get a sense of the Quality of Life in an area.

### **Weights**

The factors were scored on a scale of 0 to 10 by the members of CB1 and community members of CD 1 based on how important they thought that factor is for their quality of life in NYC, with 0 being unimportant, 5 being neutral, and 10 being extremely important. It is important to note that by employing this weighting method, this Index is specific to this time and to NYC and the issues as they stand. This scoring might have been biased by the perception of how important addressing issues relating to a factor are, rather than how important that factor actually is to enhancing quality of life in the city.

From these collective scores each of the factors were assigned a weight between 5 and 10 as none of the factors were deemed irrelevant to quality of life in NYC.

### **Data Sources**

Each of the factors has a unique dataset and is analyzed independently. The datasets primarily used are Federal, State, and city open datasets, Non-profit organizations' datasets, and datasets from universities. As numerous datasets were employed in creating this Index, from multiple sources, all the data timeframes do not match and this is something to be aware of.

The collected data was then mapped to identify the best performing district and the worst performing in NYC to establish the minimum score of 0 and maximum score of 10. From this mapping, the NYC average score was also established, for every factor.

Based on this scale, and the associated weight assigned to that factor, the performance of a district in that factor was calculated. All these factor scores were added up within a category and all the seven category scores were added up for overall Livability score of a district.



The 123 factors and their associated weights are –

### Health Care & Human Services

Number of beds -----	5
Physicians availability -----	5
Preventable hosp. Rate -----	8
Life expectancy -----	7
Distance to nearest provider -----	8
Obesity prevalence -----	5
Smoking prevalence -----	5
Diabetes prevalence -----	6
Respiratory disease deaths -----	5
% with health insurance -----	8
Number of senior facilities -----	10
Access to exercise -----	7
Homeless population -----	7
Mental health -----	7

### Youth, education, & child welfare

Less than high school -----	8
High school and higher -----	8
Bachelor's and higher -----	8
Playgrounds or athletic fields -----	10
Libraries -----	7
Social services -----	7
Health services -----	5
School safety -----	6

Teacher to student ratio-----	7
High school graduation rate-----	5
School test scores-----	6
Number of schools -----	10
Number of seats -----	10
School attendance -----	5
Pre-school enrollment -----	6
School enrollment (3-24 yr) -----	5
Out/after school activities -----	9
Child care centers -----	10
Child stability -----	7
Continuing education -----	8

#### Community facilities parks, & cultural

Religious establishments -----	5
Theaters-----	8
Museums-----	8
Galleries -----	8
Parks/ open space-----	10
Gym -----	8
Grocery/ farmers' markets -----	10
Access to fresh food-----	10
Restaurants/ culinary options -----	7
Libraries -----	9
Community gardens-----	7
Pedestrian plazas -----	7
Fashion/ shopping -----	7

Intensity/use of public spaces-----	8
Civic involvement-----	8
Voting rate-----	9

### Transportation

Public transit options-----	6
Household monthly costs-----	6
Average trip time -----	5
Access to work-----	5
Pedestrian safety-----	9
Biking safety -----	10
Speed limits -----	8
Crash rates-----	8

### Core infrastructure & city services

Internet access -----	7
Post offices -----	8
Air quality -----	9
Noise pollution-----	10
Industrial pollution -----	5
Water quality-----	9
Emissions-----	9
Waste produced-----	9
Recycling programs -----	8
Community centers-----	9
Parking -----	7
Sanitation -----	10

Litter removal -----	10
Waste collection -----	10
Street cleaning -----	10
Street conditions -----	9
Potholes -----	9
Trees -----	10
Street furniture -----	10
Signage/wayfinding -----	10

#### Public safety

Density of emergency services -----	5
Average response time of EMS -----	6
Average response time of FDNY -----	6
Crime rates -----	9
Graffiti -----	7
311 complaints -----	6
Unsanitary living conditions -----	9

#### Land use, housing, & human development

% industrial/ manufacturing -----	5
% transportation/ utility -----	5
% residential -----	9
% commercial and office -----	9
% mixed use -----	9
% parks/ outdoor rec -----	10
% public facilities, institutions -----	8

% vacant land -----	7
% parking -----	8
Density -----	8
Intensity of construction -----	10
Affordable housing -----	10
Rent stabilized housing -----	10
Subsidized housing -----	10
Cost burden -----	10
Housing costs -----	10
Vacancy rate -----	8
Proportion rented housing -----	8
Home values -----	8
Appreciation for home prices -----	5
Rooms per person/ area -----	5
Average duration of residence -----	8
Senior living -----	10
Heritage -----	9
Percentage of workers -----	7
Unemployment rates -----	8
Poverty rates -----	8
Migration rate -----	7
Jobs per worker -----	7
Household income -----	6
Personal income -----	6
Household size -----	8
Diversity -----	9
Heating/ hot water complaints -----	6

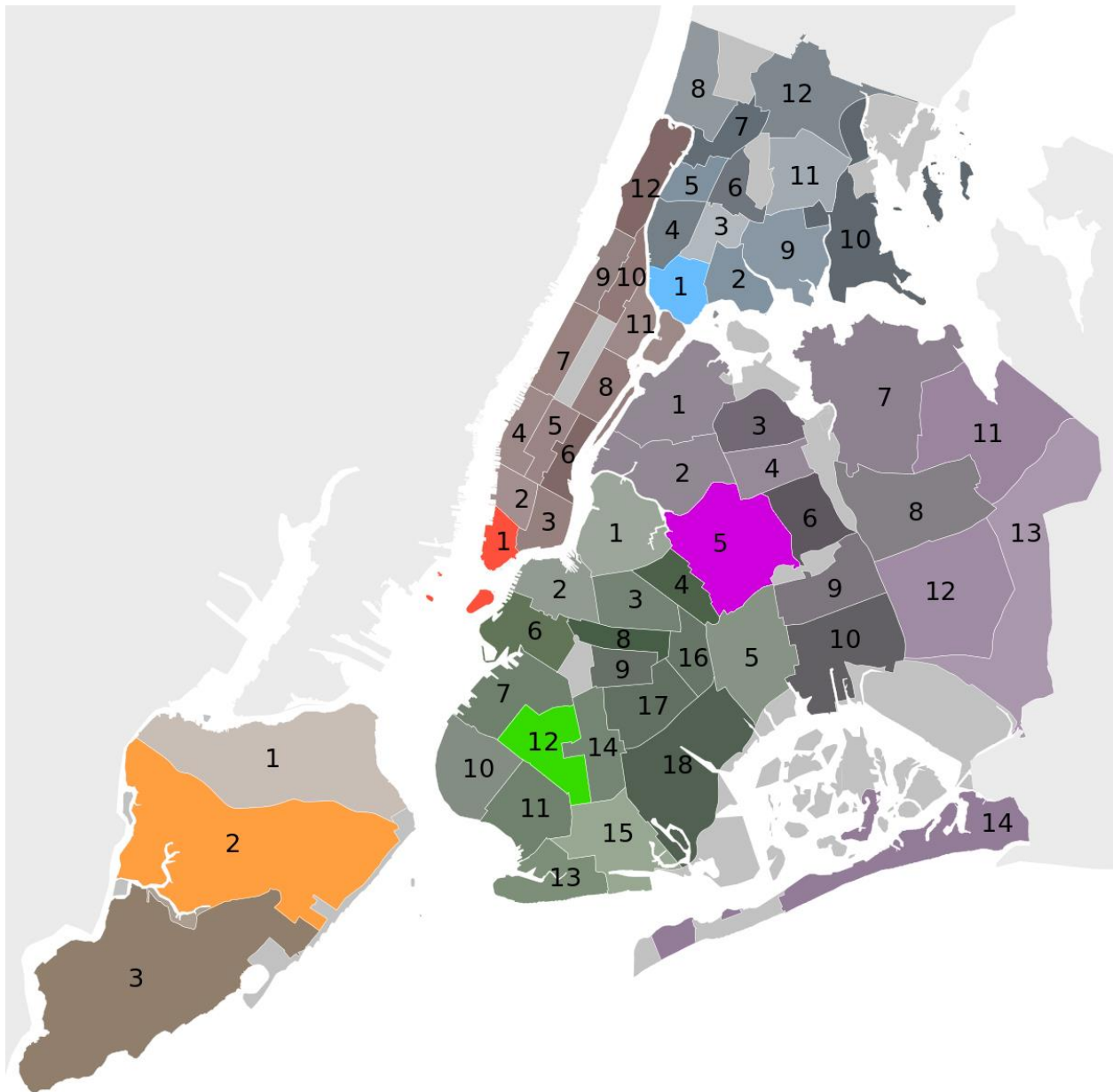
Sanitation/ sewer complaints -----	9
Rodents/pests complaints -----	9
Paint/ plaster complaints -----	5
Noise complaints -----	9

As mentioned earlier, the data for each of these 123 factors in NYC was gathered from unique datasets from multiple sources and the time frames for all the factors is not the same.

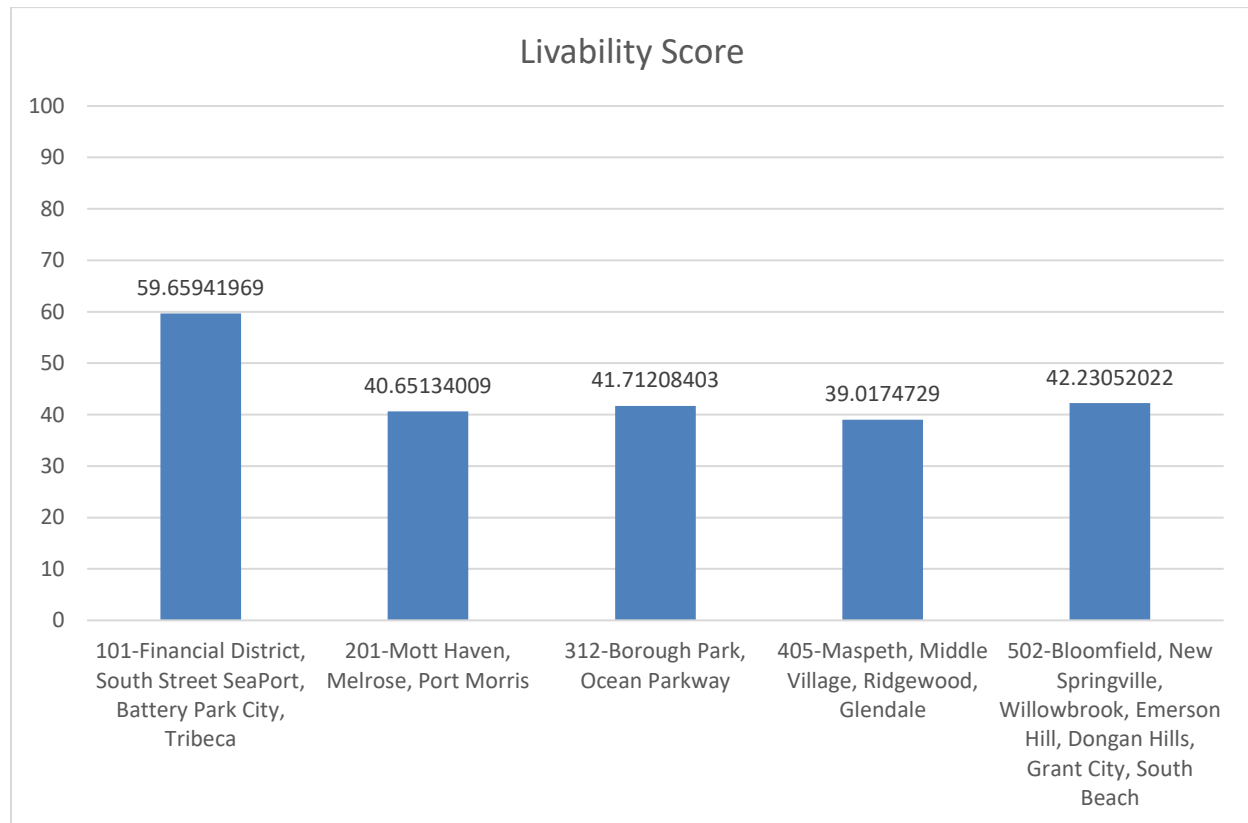
After gathering the data, the data was aggregated to the Community District geographic level all across NYC to determine the performance of the different community districts across the city. This implies that the data used to score the community districts' performance is the average performance of that district across that particular feature. This implies that some particular problem areas or success areas may have gotten spread over the entire district area and averaged out. This also implies that the community district boundaries were treated as hard lines of delineation when in fact life in the city is rarely so. But, to help community boards identify issues, this method is helpful. However, all community boards must look at their immediate neighbors and take their performance into account too while contemplating any solutions as their actions will have spill-over effects.

## **Findings**

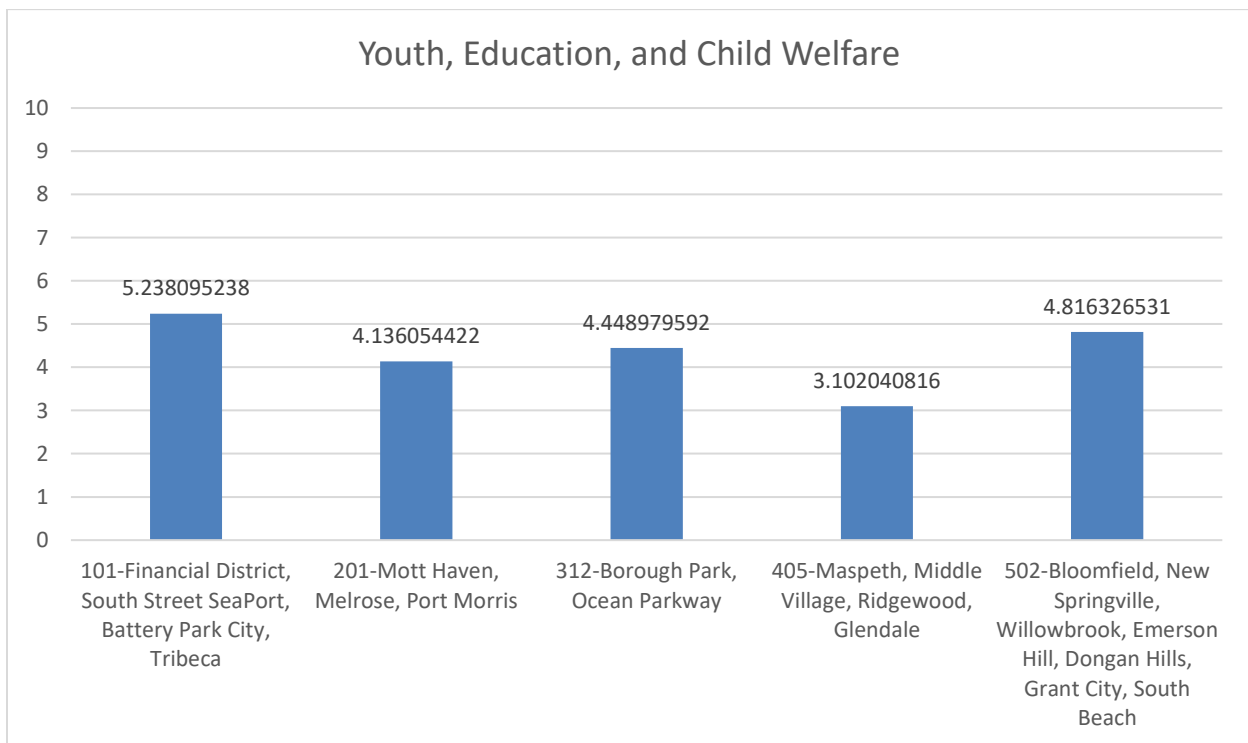
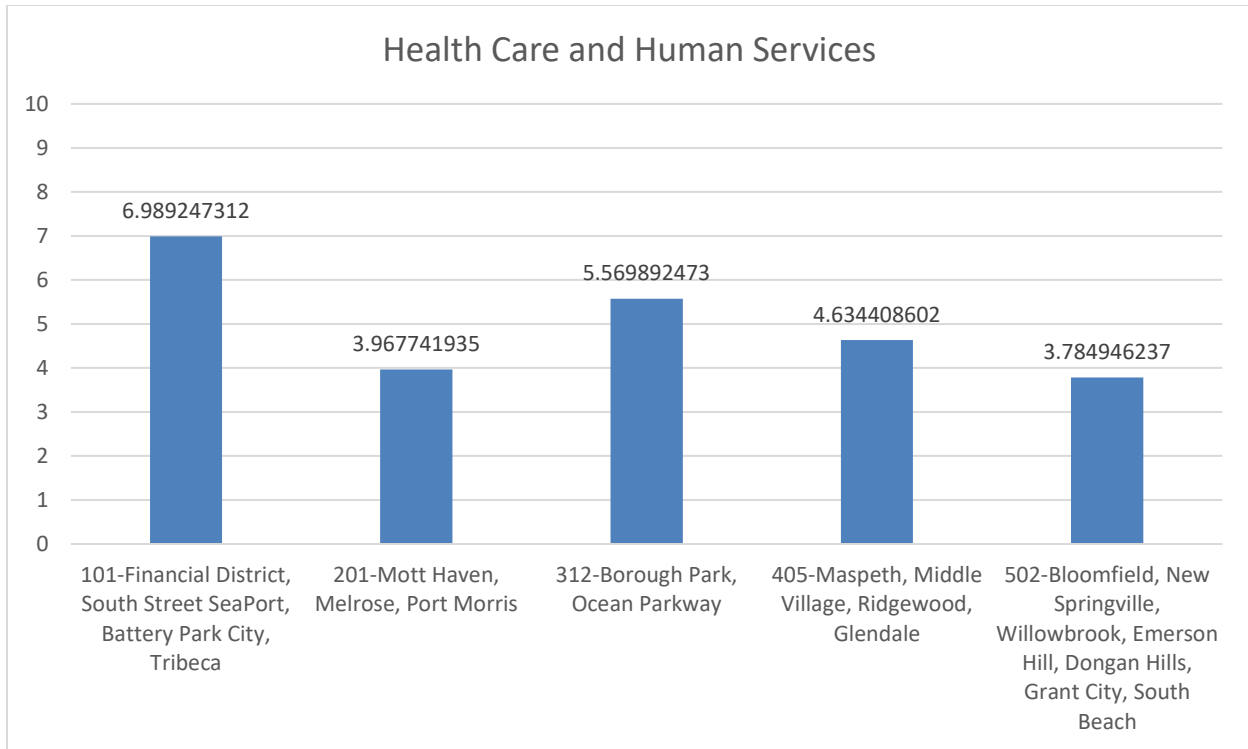
As part of the initial testing phase, 5 community districts were chosen at random, one from each borough, to be compared. The chosen community districts are, Manhattan CD 1 covering the neighborhoods of Financial District, South Street SeaPort, Battery Park City, Tribeca; Bronx CD 1 covering the neighborhoods of Mott Haven, Melrose, Port Morris; Brooklyn CD 12 covering the neighborhoods of Borough Park, Ocean Parkway; Queens CD 5 covering the neighborhoods of Maspeth, Middle Village, Ridgewood, Glendale; and Staten Island CD 2 covering the neighborhoods of Bloomfield, New Springville, Willowbrook, Emerson Hill, Dongan Hills, Grant City, South Beach.

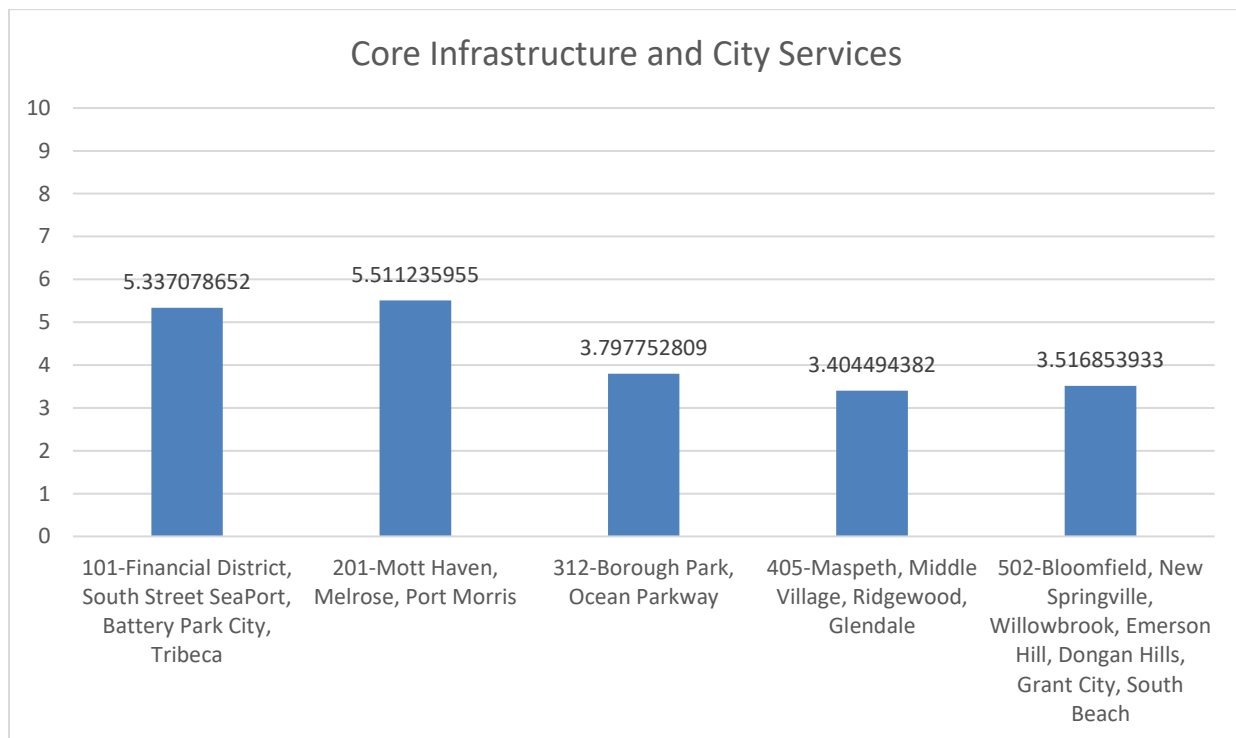
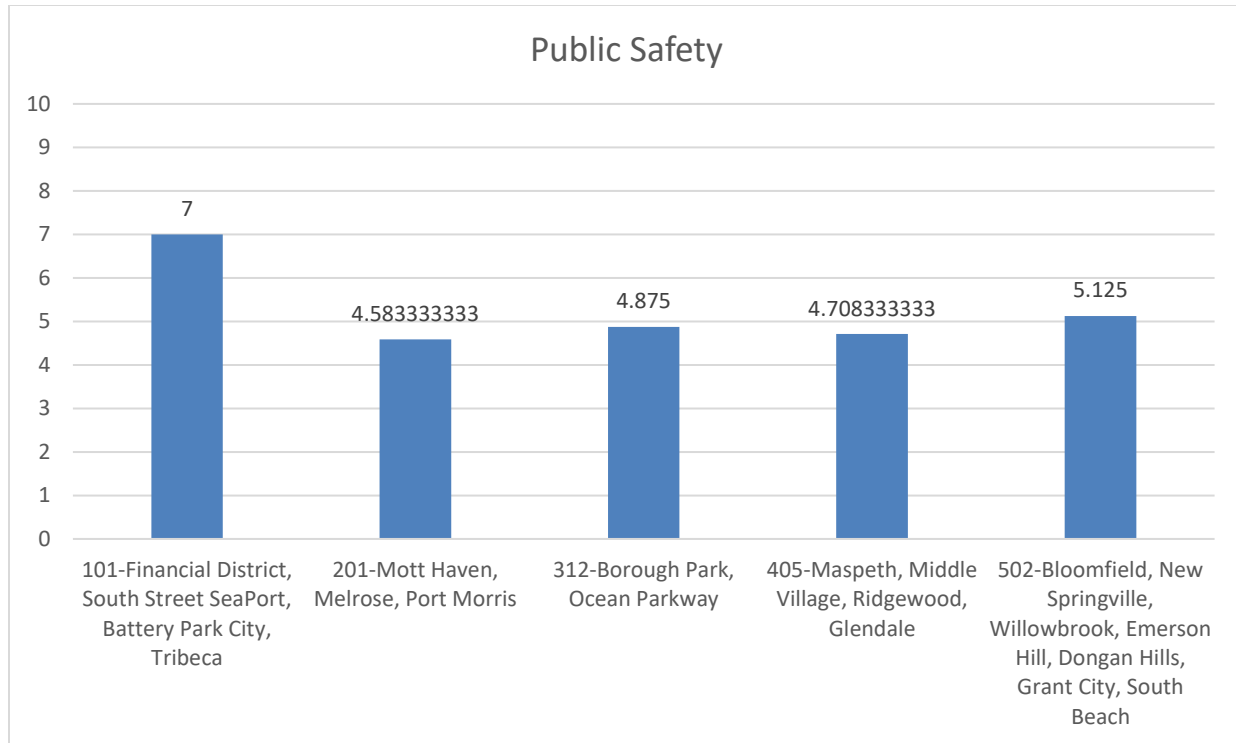


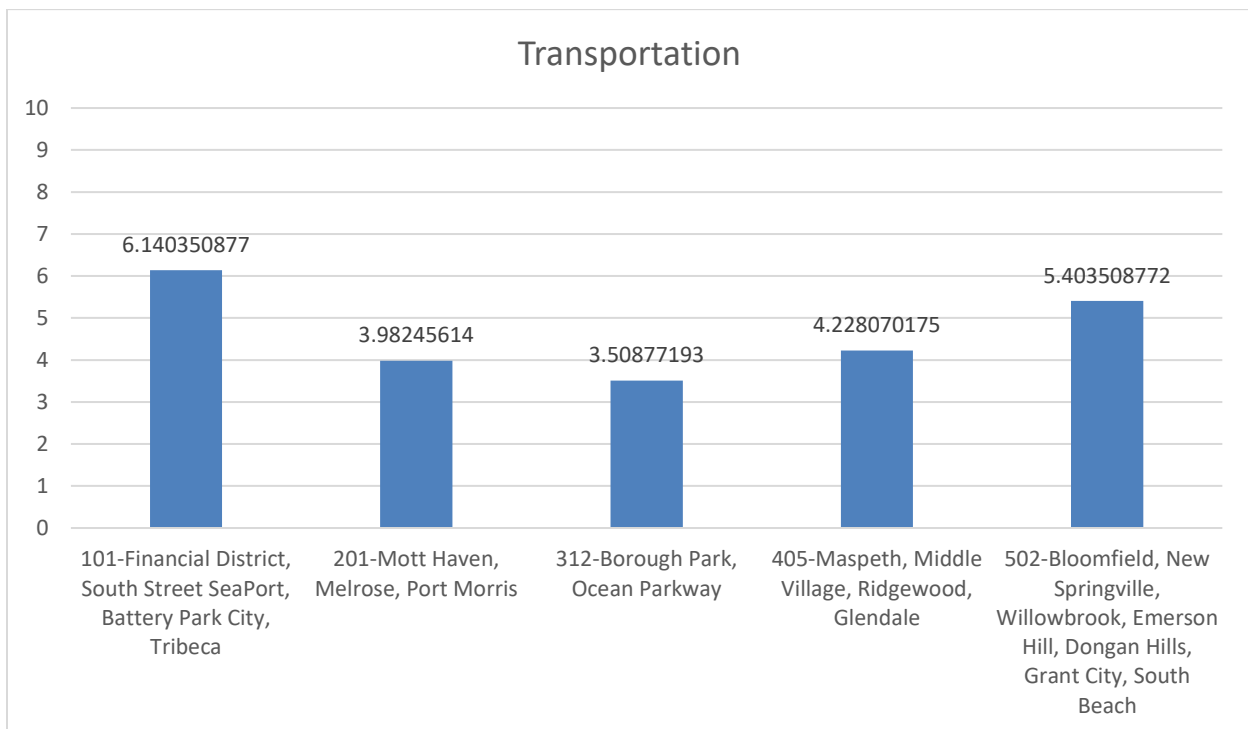
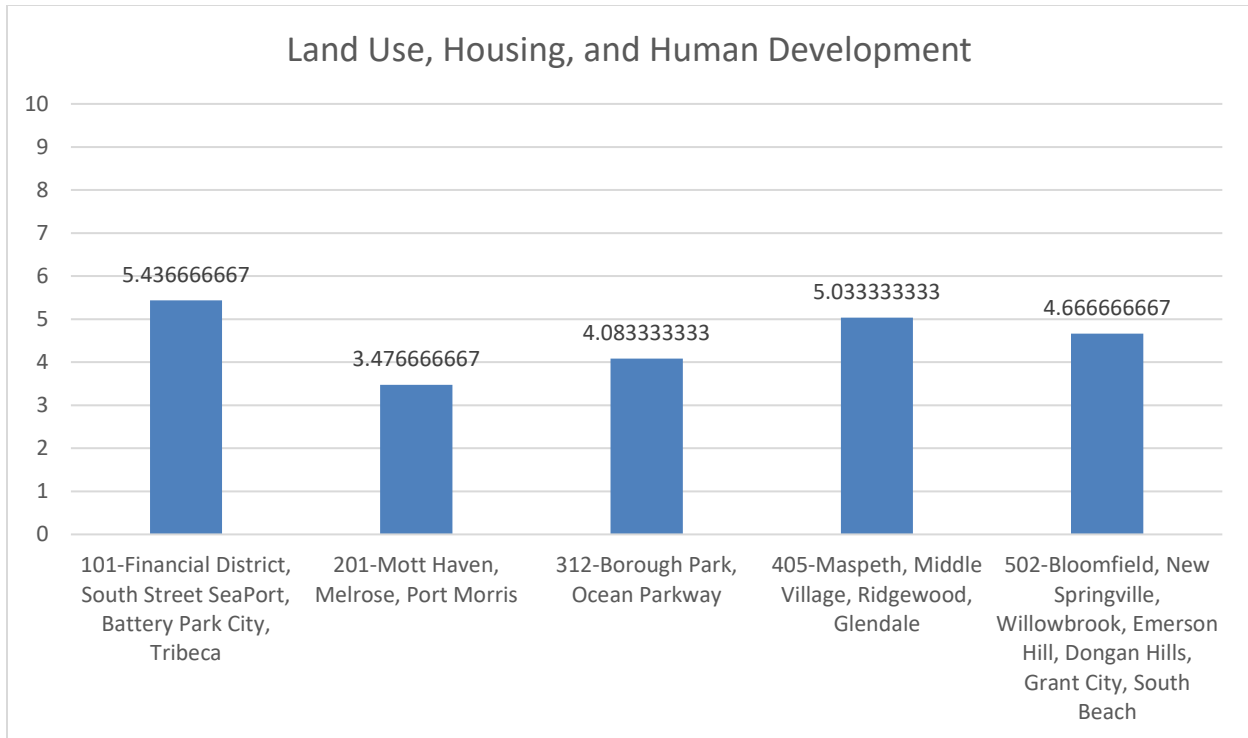
From comparing the Quality of Life in these Community districts, it can be noticed that Manhattan Community District 1 scored 58.3, out of a possible 100, on the Livability Index which is the highest amongst the compared community districts and the other districts scored 40.6, 41.7, 39.0, and 42.2 which are close to each other but much lower than the 58.3 of Manhattan Community District 1.

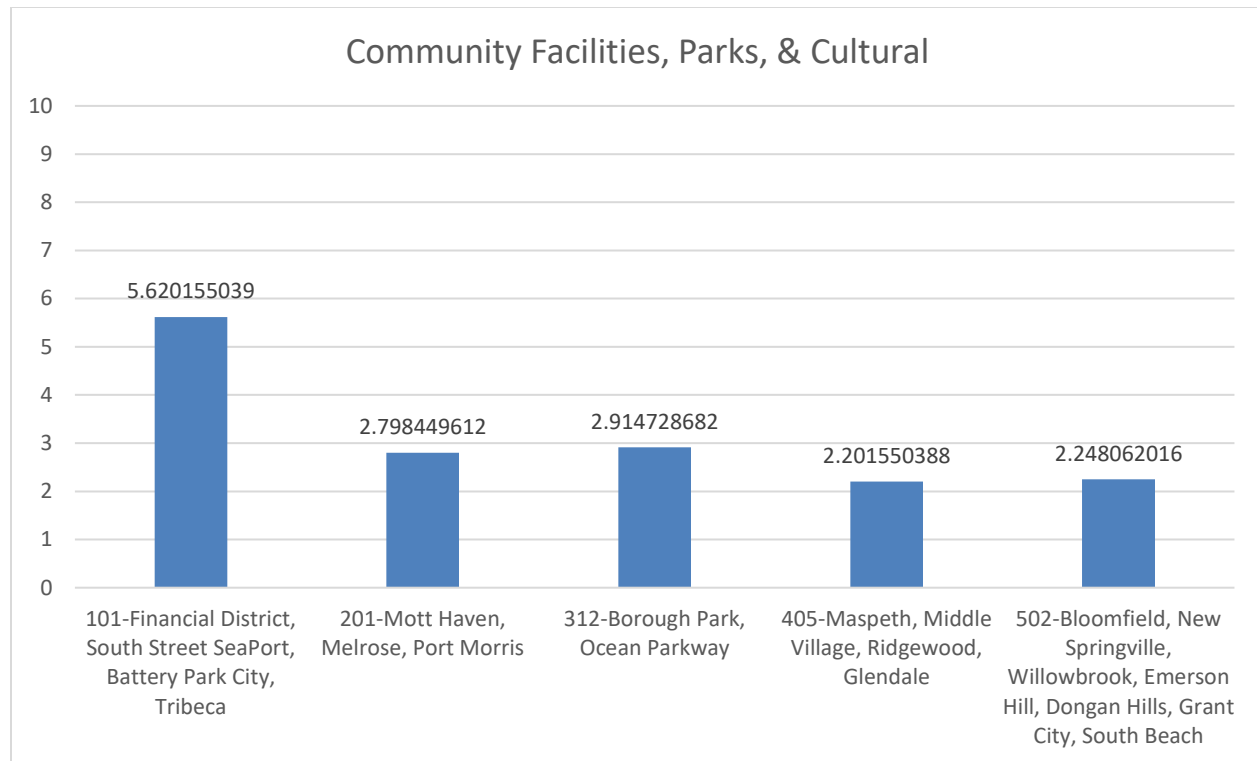












Upon further examination it can be seen that Manhattan Community District 1 is better performing than the other four districts it was compared to in all categories except in the Core Infrastructure and City Services category.

Upon further examination into the factor scores in the Core Infrastructure and City Services category for Manhattan Community Board 1, it was noted that Manhattan Community District 1 scored poorly on the factors related to pollution and street conditions. These are the immediate issues that Manhattan Community Board 1 can address to improve the Livability Score.

From the factor scores it was noticed time and again that the scores reflected what the community members and the community board personnel have identified anecdotally, both problems and successes. However, there were some interesting anomalies that could be attributed to data integrity or the effect from the geographic hard delineating of the community districts during data aggregation. These anomalies could be further explored and the data and scores adjusted accordingly in the future.

## **Recommendations**

One of the New York City Community Boards mandates is service delivery and from that point of view, some preliminary short and mid-term recommendations have been suggested.

### **Areas for improvement:**

#### **Healthcare:**

- Number of hospital beds, ratio of physicians to population, and distance to nearest provider - CD1 scores a 5 on the number of hospital beds available to residents, 0 on physicians to population ratio, and 3 on distance to nearest provider. These scores highlight a serious lack of healthcare facilities available in the district, and combined with the high number of seniors and pollution levels, this could be a pressing concern in the very near future.  
Recommendation: Coordinate efforts with Department of Health to advocate for and lobby for more hospitals and hospital beds in the district.
- Smoking – score 5. This score again points toward unhealthy lifestyles and growing risk in the district.  
Recommendation: coordinate efforts with Department of Health and Mental Hygiene to promote awareness and programs to help residents fight addiction in the district.
- Homeless population complaints – 3. This score could highlight high citizen engagement through the complaints and the high homeless population could be attributed to the fact that the nighttime population in the area decreases.  
Recommendation: coordinate efforts with Department of Homeless Services to find shelters or other forms of housing for the homeless in the district.

#### **Education:**

- Number of schools - score 2. This low score, combined with the transient population and the growing number of new families in the area could become a pressing concern in the near future.  
Recommendation: coordinate with DOE to increase number of public schools in the district. Though CD1 scores highly on the ratio of number of school seats to children in the district, this includes all schools like charter schools and private schools. However, the district scores poorly on number of schools in the district. So this could lead to education affordability issues in the future.
- Playgrounds – score 7. Though this score is relatively high, it could be better.  
Recommendation: coordinate with DOE and advocate for more schools and better facilities.
- After school activities – score 10. The district scores highly on the provision of after school activities for students in the district; however this factors in all schools in the district, including private schools and charter schools.  
Recommendation: Investigate how programs in public schools are and improve these facilities if necessary.

- School safety – score 0.  
Recommendation: Identify those schools with the most frequent incidents and coordinate efforts with that school's staff especially to promote awareness. Coordinate efforts with NYPD and DOE to promote awareness and develop programs to enhance safety at schools in the district. Advocate for better and more after school programs to improve development of children and youth.
- Social and mental health - score 0.  
Recommendation: Identify those schools with the most frequent incidents and coordinate Efforts with that school's staff especially and coordinate efforts with DOE and DHMH to develop and promote programs to improve social and mental health in schools in the district.
- Child stability – score 2. As young parents in the district move away due to affordability issues or due to other factors in the district, or move in, it makes it hard to plan for the future demand of school children effectively.  
Recommendation: Programs to promote affordable housing options and rent stabilization may be promoted to retain residents long term.

### **Environmental:**

- Air quality – score 5.  
Recommendation: check 311 data to identify most frequently complained about locations and coordinate programs with DEP to improve air quality in the district like banning some vehicles, promoting car free days on some streets in the district (without affecting residents), different parking models, pricing models etc.
- Noise pollution – score 3.  
Recommendation: check 311 data to identify most frequently complained about locations and coordinate programs with DEP and DOB to curb vehicular noise pollution in the district like banning some vehicles, promoting car free days on some streets in the district (without affecting residents), different parking models, pricing models, banning vehicles some hours of the day to ease congestion, adopt stricter construction management policies etc.
- Industrial pollution – score 1. There are technically no industries in the district.  
Recommendation: investigate further.
- Community centers capacity – score 2.  
Recommendation: advocate for more community centers and facilities in the district.
- Street cleaning – score 5.  
Recommendation: check 311 data to identify most frequently complained about locations and coordinate efforts with DSNY to increase street cleaning activities and also improve enforcement of fines for littering or other activities.
- Street conditions – score 3.  
Recommendation: check 311 data to identify most frequently complained about locations and coordinate efforts with DSNY to increase street cleaning activities and also improve enforcement of fines for littering or other activities. Coordinate efforts with

Department of Parks and other city agencies to improve the streetscape and maintenance of streets and sidewalks in the district.

- Potholes – score 3.  
Recommendation: check 311 data to identify most frequently complained about locations and lobby and advocate DOT to improve maintenance of the street sin the district.
- Sanitation - score 9. Though 9 is a very high number, it could be better. It is a sign of success.  
Recommendation: congratulate DSNY and explore what makes DSNY so efficient in the district to help other community boards improve sanitation in their districts.
- Signage and wayfinding – score 2.  
Recommendation: lobby DOT to better maintain signage in the district and explore programs that involve collaboration with local artists and designers to come up with creative wayfinding solutions. Makes a stronger case for DOT to carry out the traffic and congestion study that is being pushed for by CB1. Coordinate efforts with Buro Happold on the development of a tourist trail map, and with Downtown Alliance to improve wayfinding in the district (which are already being considered or are under way).
- Public Parking - score 0. Though the score is 0, it could be interpreted as a sign of success when considering the most efficient use of land and could discourage vehicular use, however, this means that parking could be very expensive in the district.  
Recommendation: as a district, through public outreach, determine how many cars are desired in the district and then find a balance between number of cars, pollution, and desired parking.
- Parks/outdoor rec spaces – score 0.  
Recommendation: promote creation of open spaces and POPS.
- Biking safety, pedestrian safety, and crash rates – scores 4, 6, and 7.  
Recommendation: check Vision zero data feeds to identify most frequent crash locations and coordinate efforts with DOT to improve safety and other programs to reduce number of vehicles in the district.
- Community gardens – score 0.  
Recommendation: promote programs and initiatives to develop sustainable community gardens as a collective endeavor.

### **Public Safety:**

- Average response times of emergency (EMS and FDNY) vehicles – score 8 and 9.  
Though these are high scores, they could be better.  
Recommendation: coordinate efforts with DOT and other city agencies to relieve congestion and promote programs like care free days etc.
- Crime rates – score 4.  
Recommendation: Identify those locations with most number of incidents and increase surveillance and policing there, and coordinate efforts with NYPD to increase vigilance in the district and promote initiatives like neighborhood watch etc.

**Housing:**

- Rent stabilized housing – score 5. Though CB1 scored the average, anecdotal data and historic trends suggest that this could become a much bigger issue and these trends need to be closely monitored to act proactively to prevent serious shortages.  
Recommendation: This is a systemic problem and CB1 has limited impact. However, HPD may be lobbied to alleviate this to some degree.
- Subsidized housing – score 5. Though CB1 scored the average, anecdotal data and historic trends suggest that this could become a much bigger issue and these trends need to be closely monitored to act proactively to prevent serious shortages.  
Recommendation: This is a systemic problem and CB1 has limited impact. However, HPD may be lobbied to alleviate this to some degree.
- Cost burdened – score 9. Though very low percentage of renters are cost burdened as median incomes are high in the district, anecdotal data and historic trends suggest that this could become a much bigger issue and these trends need to be closely monitored to act proactively to prevent serious shortages.  
Recommendation: This is a systemic problem and CB1 has limited impact. However, HPD may be lobbied to alleviate this to some degree.
- Housing costs – score 1.  
Recommendation: this is a systemic problem and CB1 has limited impact. However, HPD may be lobbied to alleviate this to some degree.
- Percentage renters – score 4. More renters means it is more difficult to form long term bonds. This also makes residents more vulnerable to increasing housing costs. This is makes it difficult for a governing body to plan for future demand.  
Recommendation: Programs to promote affordable housing options and rent stabilization may be promoted to retain residents long term.
- Adult stability – score 0. More renters in the district means that it is more difficult to form long term bonds. This also makes residents more vulnerable to increasing housing costs. As residents in the district move away due to affordability issues or due to other factors in the district, or move in, it makes it hard to plan for the future demand of residents effectively.  
Recommendation: Programs to promote affordable housing options and rent stabilization may be promoted to retain residents long term.



## **Conclusions**

Though this Index does not take all possible factors that influence Quality of Life in a city, it does identify, quantify, compare, and highlight the inequalities, unequal distribution of services and other facilities spread out across the city.

This Index, as a tool, also points toward what other data could be collected and tracked to undertake such a study and also highlights the missing data.

In conclusion, this Livability Index can be a very strong tool in practicing advocacy and to lobby the different city agencies and officials by providing the numbers and the data to improve service delivery to improve the Quality of Life of NYC's residents. However, this Index as a tool needs to be used in context and needs to be updated regularly as more data becomes available and as priorities and issues in the city evolve.

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## Data Sources

FEATURE	Explanation	DATASET	Link
number (1 bed/ no. of pop) (1 hospitals+nursi ng homes+ hospices+ clinics capacity/ total pop)		The City Planning Facilities Database (FacDB), March 2017, from NYCDCP	<a href="https://www1.nyc.gov/site/planning/data-maps/open-data.page">https://www1.nyc.gov/site/planning/data-maps/open-data.page</a>
<b>quality of health care</b>			
physicians availability(:po pulation)	number of physicians/ population - physician population ratio	Number of Primary care physician from healthlandscape.org, Data- National Provider Identifier (NPI) is a dataset maintained by the Centers for Medicare and Medicaid, 2015	<a href="http://www.healthlandscape.org/npimapper2015/FBDev_NPI_AMA_Cartridges.html">http://www.healthlandscape.org/npimapper2015/FBDev_NPI_AMA_Cartridges.html</a>
preventable hospitalization rate per 100,000 pop	Avoidable Diabetes Hospitalizations + Avoidable Asthma Hospitalizations	Measure of America, data2go.nyc - New York State Department of Health Statewide Planning and Research Cooperative System (SPARCS), analyzed by the NYC DOHMH Bureau of Primary Care Access and Planning, 2012	<a href="http://data2go.nyc/map/?id=101*36047015900*avoidable_diabetes_cd!undefined!ns!other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#">http://data2go.nyc/map/?id=101*36047015900*avoidable_diabetes_cd!undefined!ns!other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#</a> , <a href="http://data2go.nyc/map/?id=101*36047015900*avoidable_asthma_cd!undefined!ns!other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#">http://data2go.nyc/map/?id=101*36047015900*avoidable_asthma_cd!undefined!ns!other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#</a>
life expectancy	life expectancy at birth	Measure of America, data2go.nyc - NYC Department of Health and Mental Hygiene, Bureau of Vital Statistics 2003- 2012	<a href="http://data2go.nyc/map/?id=101*36047015900*life_expectancy_cd!undefined!ns!other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#">http://data2go.nyc/map/?id=101*36047015900*life_expectancy_cd!undefined!ns!other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#</a>
distance to nearest provider (density = number/ area)	density of healthcare providers = number/ area	The City Planning Facilities Database (FacDB), March 2017, from NYCDCP	<a href="https://www1.nyc.gov/site/planning/data-maps/open-data.page">https://www1.nyc.gov/site/planning/data-maps/open-data.page</a>
obesity prevalence %	Percentage of adults 18+ who have a Body Mass Index of 30 or greater based on self- reported height and weight. Not adjusted for age	Measure of America, data2go.nyc - NYC Department of Health and Mental Hygiene, Community Health Survey 2011- 2013	<a href="http://data2go.nyc/map/?id=101*36047015900*obesity_cd!undefined!ns!other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#">http://data2go.nyc/map/?id=101*36047015900*obesity_cd!undefined!ns!other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#</a>
smoking	Percentage of adults 18+ who currently	Measure of America, data2go.nyc - NYC Department	<a href="http://data2go.nyc/map/?id=101*36047015900*current_smoker_cd!undefined!ns!other_pop_cd_506~ahdi_puma_1~">http://data2go.nyc/map/?id=101*36047015900*current_smoker_cd!undefined!ns!other_pop_cd_506~ahdi_puma_1~</a>

prevalence %	smoke. Not adjusted for age.	of Health and Mental Hygiene, Community Health Survey 2011-2013	<a href="http://data2go.nyc.gov/map/?id=101*36047015900*diabetes_cd!undefined!ns*!other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#">sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#</a>
diabetes prevalence %	Percentage of adults 18+ who have ever been told they have diabetes. Not adjusted for age.	Measure of America, data2go.nyc - NYC Department of Health and Mental Hygiene, Community Health Survey 2011-2013	<a href="http://data2go.nyc.gov/map/?id=101*36047015900*diabetes_cd!undefined!ns*!other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#">http://data2go.nyc.gov/map/?id=101*36047015900*diabetes_cd!undefined!ns*!other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#</a>
respiratory disease deaths		Measure of America, data2go.nyc - NYC Department of Health and Mental Hygiene, Bureau of Vital Statistics 2009-2013	<a href="http://data2go.nyc.gov/map/?id=101*36047015900*lower_resp_deaths_cd!undefined!ns*!other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#">http://data2go.nyc.gov/map/?id=101*36047015900*lower_resp_deaths_cd!undefined!ns*!other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#</a>
% population without health insurance %	Percentage of total civilian non-institutionalized population with no health insurance	Measure of America, data2go.nyc - Measure of America calculation using Census Bureau, American Community Survey, table B27010, 2011-2015	<a href="http://data2go.nyc.gov/map/?id=101*36061001300*health_insurance_uninsured_tract!undefined!ns*!other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#">http://data2go.nyc.gov/map/?id=101*36061001300*health_insurance_uninsured_tract!undefined!ns*!other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#</a>
number of Senior facilities (1/ pop)	1 facility per x population	The City Planning Facilities Database (FacDB), March 2017, from NYCDCP	<a href="https://www1.nyc.gov/site/planning/data-maps/open-data.page">https://www1.nyc.gov/site/planning/data-maps/open-data.page</a>
access to exercise opportunities (no. of options/ area)	no. of options/ area	The City Planning Facilities Database (FacDB), March 2017, from NYCDCP	<a href="https://www1.nyc.gov/site/planning/data-maps/open-data.page">https://www1.nyc.gov/site/planning/data-maps/open-data.page</a>
homeless population (311 complaints/pop)	homeless encampment complaints + homeless person assistance	311 complaints for 2016 from NYC Open Data	<a href="https://data.cityofnewyork.us/Social-Services/311-Service-Requests-from-2010-to-Present/erm2-nwe9">https://data.cityofnewyork.us/Social-Services/311-Service-Requests-from-2010-to-Present/erm2-nwe9</a>
mental health (number of psychiatric hospitalizations )	number of psychiatric hospitalizations	Measure of America, data2go.nyc - New York State Department of Health Statewide Planning and Research Cooperative System (SPARCS), analyzed by the NYC DOHMH Bureau of Mental Health. 2012	<a href="http://data2go.nyc.gov/map/?id=101*36047015900*psychhosp_rate_cd!undefined!ns*!other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#">http://data2go.nyc.gov/map/?id=101*36047015900*psychhosp_rate_cd!undefined!ns*!other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#</a>
<b>educational attainment</b>			
less than high school		American fact Finder, 2015 ACS 5-year estimates	<a href="https://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t">https://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t</a>
high school and higher		American fact Finder, 2015 ACS 5-year estimates	<a href="https://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t">https://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t</a>
bachelor's and higher		American fact Finder, 2015 ACS 5-year estimates	<a href="https://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t">https://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t</a>
<b>quality of education</b>			
playgrounds or		The City Planning Facilities	<a href="https://www1.nyc.gov/site/planning/data-maps/open-data.page">https://www1.nyc.gov/site/planning/data-maps/open-data.page</a>

athletic fields (1/ children)		Database (FacDB), March 2017, from NYCDPC	<a href="#">data.page</a>
libraries	number of full time librarians/number of students ages 5 to 18	Measure of America, data2go.nyc - District Resource Statement, Libraries, FY2015	<a href="http://data2go.nyc/map/?id=101*36047015900*library_staff_cd!undefined!ns*!other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!~air_qual_cd~ahdi_puma*family_homeless_cd_245#">http://data2go.nyc/map/?id=101*36047015900*library_staff_cd!undefined!ns*!other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!~air_qual_cd~ahdi_puma*family_homeless_cd_245#</a>
social and mental health services	no of schools with mental health programs/ total number of schools	The City Planning Facilities Database (FacDB), March 2017, from NYCDPC	<a href="https://www1.nyc.gov/site/planning/data-maps/open-data.page">https://www1.nyc.gov/site/planning/data-maps/open-data.page</a>
health services	no of schools with health programs/ total number of schools	The City Planning Facilities Database (FacDB), March 2017, from NYCDPC	<a href="https://www1.nyc.gov/site/planning/data-maps/open-data.page">https://www1.nyc.gov/site/planning/data-maps/open-data.page</a>
school safety		School Safety Report July 1, 2010-June 30, 2011 by DOE, from NYC Open Data	<a href="https://data.cityofnewyork.us/Education/School-Safety-Report/qybk-bjjc/data">https://data.cityofnewyork.us/Education/School-Safety-Report/qybk-bjjc/data</a>
student to teacher ratio (student:teacher )		NYC DOE 2015-2016 Final Class Size Report Pupil-to- Teacher Ratio (PTR), by Department of Education (DOE) from NYC Open Data	<a href="https://data.ny.gov/Education/NYC-DOE-2015-2016-Final-Class-Size-Report-Pupil-to-rtws-c2ai/about">https://data.ny.gov/Education/NYC-DOE-2015-2016-Final-Class-Size-Report-Pupil-to-rtws-c2ai/about</a>
on-time high school graduation rate	only public schools	Measure of America, data2go.nyc - Measure of America calculations using New York State Education Department Graduation Reporting Data Set, 2015	
school test scores	data from 2012	SAT scores 2012 from NYC Open Data , from data provided by DOE	<a href="https://data.cityofnewyork.us/Education/SAT-Results/f9bf-2cp4">https://data.cityofnewyork.us/Education/SAT-Results/f9bf-2cp4</a>
number of schools		The City Planning Facilities Database (FacDB), March 2017, from NYCDPC	<a href="https://www1.nyc.gov/site/planning/data-maps/open-data.page">https://www1.nyc.gov/site/planning/data-maps/open-data.page</a>
number of seats (1 seat/ pop)		The City Planning Facilities Database (FacDB), March 2017, from NYCDPC	<a href="https://www1.nyc.gov/site/planning/data-maps/open-data.page">https://www1.nyc.gov/site/planning/data-maps/open-data.page</a>
school attendance (2010-2011) %		School Attendance and Enrollment Statistics by District (2010-11), by Department of Education (DOE), from NYC Open Data	<a href="https://data.cityofnewyork.us/Education/School-Attendance-and-Enrollment-Statistics-by-District/7z8d-msnt">https://data.cityofnewyork.us/Education/School-Attendance-and-Enrollment-Statistics-by-District/7z8d-msnt</a>
pre school enrollment %		Measure of America, data2go.nyc - Census Bureau, American Community Survey, table S1401, 2010-2014	<a href="http://data2go.nyc/map/?id=101*36047015900*pre_k_tract!undefined!ns*!other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!~air_qual_cd~ahdi_puma*family_homeless_cd_245#">http://data2go.nyc/map/?id=101*36047015900*pre_k_tract!undefined!ns*!other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!~air_qual_cd~ahdi_puma*family_homeless_cd_245#</a>
school enrollment (3- 24 year olds) %		Measure of America, data2go.nyc - Census Bureau, American Community Survey, table B14003, 2010-2014	<a href="http://data2go.nyc/map/?id=101*36047015900*sche_enrol_tract!undefined!ns*!other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!~air_qual_cd~ahdi_puma*family_homeless_cd_245#">http://data2go.nyc/map/?id=101*36047015900*sche_enrol_tract!undefined!ns*!other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!~air_qual_cd~ahdi_puma*family_homeless_cd_245#</a>

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out of school/ after school activities (1 spot/ pop)		The City Planning Facilities Database (FacDB), March 2017, from NYCDCP	<a href="https://www1.nyc.gov/site/planning/data-maps/open-data.page">https://www1.nyc.gov/site/planning/data-maps/open-data.page</a>
child care centers (1/pop) (1 center/ how many children)		The City Planning Facilities Database (FacDB), March 2017, from NYCDCP	<a href="https://www1.nyc.gov/site/planning/data-maps/open-data.page">https://www1.nyc.gov/site/planning/data-maps/open-data.page</a>
child stability	children in the same house a year ago	Measure of America, data2go.nyc -Census Bureau, American Community Survey, table B07001, 2010-2014	<a href="http://data2go.nyc/map/?id=101*36047015900*child_sam_ehome_tract!undefined!ns!*other_pop_cd_506-ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#">http://data2go.nyc/map/?id=101*36047015900*child_sam_ehome_tract!undefined!ns!*other_pop_cd_506-ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#</a>
continuing educational opportunities		Office of Adult and Continuing Education (OACE) Sites as provided by Department of Education (DOE), 2016 from NYC Open Data	<a href="https://data.ny.gov/Social-Services/OACE-Office-of-Adult-and-Continuing-Education-Site/4u36-44pe/data">https://data.ny.gov/Social-Services/OACE-Office-of-Adult-and-Continuing-Education-Site/4u36-44pe/data</a>
density of emergency services (number/ area)		The City Planning Facilities Database (FacDB), March 2017, from NYCDCP	<a href="https://www1.nyc.gov/site/planning/data-maps/open-data.page">https://www1.nyc.gov/site/planning/data-maps/open-data.page</a>
average response time of ems (seconds)		EMS Incident Response Data for 2016 from NYC Open Data from data provided by FDNY	
average response time of fire services (seconds)		Fire Incident Response Data for 2016 from NYC Open Data from data provided by FDNY	<a href="https://data.cityofnewyork.us/Public-Safety/Fire-Incident-Dispatch-Data/8m42-w767">https://data.cityofnewyork.us/Public-Safety/Fire-Incident-Dispatch-Data/8m42-w767</a>
crime rates (crimes per pop) (crimes/tot pop)		NYPD 2016	<a href="http://www.nyc.gov/html/nypd/html/analysis_and_planning/historical_nyc_crime_data.shtml">http://www.nyc.gov/html/nypd/html/analysis_and_planning/historical_nyc_crime_data.shtml</a>
graffiti		DSNY Graffiti Information, 2016 from NYC Open Data	<a href="https://data.cityofnewyork.us/City-Government/DSNY-Graffiti-Information/gpwd-npar">https://data.cityofnewyork.us/City-Government/DSNY-Graffiti-Information/gpwd-npar</a>
311 complaints (complaints/ pop)	all complaints	311 complaints for 2016 from NYC Open Data	<a href="https://data.cityofnewyork.us/Social-Services/311-Service-Requests-from-2010-to-Present/erm2-nwe9">https://data.cityofnewyork.us/Social-Services/311-Service-Requests-from-2010-to-Present/erm2-nwe9</a>
unsanitary living conditions		311 complaints for 2016 from NYC Open Data	<a href="https://data.cityofnewyork.us/Social-Services/311-Service-Requests-from-2010-to-Present/erm2-nwe9">https://data.cityofnewyork.us/Social-Services/311-Service-Requests-from-2010-to-Present/erm2-nwe9</a>
internet access (% of households with broadband) %	% of households with broadband	Measure of America, data2go.nyc - Census Bureau, American Community Survey, table DP02, 2014	<a href="http://data2go.nyc/map/?id=101*36047015900*broadband_puma!undefined!ns!*other_pop_cd_506-ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#">http://data2go.nyc/map/?id=101*36047015900*broadband_puma!undefined!ns!*other_pop_cd_506-ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#</a>
post offices		The City Planning Facilities Database (FacDB), March 2017,	<a href="https://www1.nyc.gov/site/planning/data-maps/open-data.page">https://www1.nyc.gov/site/planning/data-maps/open-data.page</a>

		from NYCDCP	<a href="#">data.page</a>
air quality	Average concentration of Air toxins per sq.km	Air Quality, 2014 provided by Department of Health and Mental Hygiene (DOHMH) from NYC Open Data	<a href="https://data.cityofnewyork.us/Environment/Air-Quality/c3uy-2p5r">https://data.cityofnewyork.us/Environment/Air-Quality/c3uy-2p5r</a>
noise pollution (complaints/pop)		311 complaints for 2016 from NYC Open Data	<a href="https://data.cityofnewyork.us/Social-Services/311-Service-Requests-from-2010-to-Present/erm2-nwe9">https://data.cityofnewyork.us/Social-Services/311-Service-Requests-from-2010-to-Present/erm2-nwe9</a>
industrial pollution (complaints/pop)		311 complaints for 2016 from NYC Open Data	<a href="https://data.cityofnewyork.us/Social-Services/311-Service-Requests-from-2010-to-Present/erm2-nwe9">https://data.cityofnewyork.us/Social-Services/311-Service-Requests-from-2010-to-Present/erm2-nwe9</a>
water quality (311 complaints/pop)	water quality complaints + drinking water complaints + water system complaints	311 complaints for 2016 from NYC Open Data	<a href="https://data.cityofnewyork.us/Social-Services/311-Service-Requests-from-2010-to-Present/erm2-nwe9">https://data.cityofnewyork.us/Social-Services/311-Service-Requests-from-2010-to-Present/erm2-nwe9</a>
emissions	lbs per year/ area	Measure of America, data2go.nyc - Hazardous Materials Management in NYC 2014 Annual Report, 2013	<a href="http://data2go.nyc/map/?id=107*36047015900*chem_air_cd!undefined!ns*!other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#10/40.8276/-73.9588">http://data2go.nyc/map/?id=107*36047015900*chem_air_cd!undefined!ns*!other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#10/40.8276/-73.9588</a>
waste produced (per person)		Measure of America, data2go.nyc - Measure of America calculations using NYC Department of Sanitation Fiscal Year 2016	<a href="http://data2go.nyc/map/?id=101*36047015900*waste_cd!undefined!ns*!other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#">http://data2go.nyc/map/?id=101*36047015900*waste_cd!undefined!ns*!other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#</a>
recycling programs (2010 may % of waste produced) %		Measure of America, data2go.nyc - NYC Department of Sanitation, 2010, Percentage of municipal solid waste collected by the Department of Sanitation that is recycled	<a href="http://data2go.nyc/map/?id=101*36047015900*diversion_cd!undefined!ns*!other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#">http://data2go.nyc/map/?id=101*36047015900*diversion_cd!undefined!ns*!other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#</a>
community centers or recreation centers capacity / total pop		The City Planning Facilities Database (FacDB), March 2017, from NYCDCP	<a href="https://www1.nyc.gov/site/planning/data-maps/open-data.page">https://www1.nyc.gov/site/planning/data-maps/open-data.page</a>
parking (public parking lot)		The City Planning Facilities Database (FacDB), March 2017, from NYCDCP	<a href="https://www1.nyc.gov/site/planning/data-maps/open-data.page">https://www1.nyc.gov/site/planning/data-maps/open-data.page</a>
sanitation (complaints per 1000 residents) 311	311 sewer complaints per 1,000 residents from June 2014 to June 2015	Measure of America, data2go.nyc - Measure of America calculations using NYC Open Data 311 Call Dataset 2015	<a href="http://data2go.nyc/map/?id=101*36061001300*sewer_per_1000_cd!undefined!ns*!other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#">http://data2go.nyc/map/?id=101*36061001300*sewer_per_1000_cd!undefined!ns*!other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#</a>
litter removal (complaints/pop)	missed collection (all materials) complaints + overflowing litter	311 complaints for 2016 from NYC Open Data	<a href="https://data.cityofnewyork.us/Social-Services/311-Service-Requests-from-2010-to-Present/erm2-nwe9">https://data.cityofnewyork.us/Social-Services/311-Service-Requests-from-2010-to-Present/erm2-nwe9</a>

	basket complaints		
waste collection(comp lains/pop)		311 complaints for 2016 from NYC Open Data	<a href="https://data.cityofnewyork.us/Social-Services/311-Service-Requests-from-2010-to-Present/erm2-nwe9">https://data.cityofnewyork.us/Social-Services/311-Service-Requests-from-2010-to-Present/erm2-nwe9</a>
street cleaning(compl aints/pop)		311 complaints for 2016 from NYC Open Data	<a href="https://data.cityofnewyork.us/Social-Services/311-Service-Requests-from-2010-to-Present/erm2-nwe9">https://data.cityofnewyork.us/Social-Services/311-Service-Requests-from-2010-to-Present/erm2-nwe9</a>
street conditions (311 complaints/pop)		311 complaints for 2016 from NYC Open Data	<a href="https://data.cityofnewyork.us/Social-Services/311-Service-Requests-from-2010-to-Present/erm2-nwe9">https://data.cityofnewyork.us/Social-Services/311-Service-Requests-from-2010-to-Present/erm2-nwe9</a>
potholes/area		Street Pothole Work Orders - Closed, 2016, by New York City Department of Transportation [NYC DOT], from Vision Zero Data Feeds	<a href="http://www.nyc.gov/html/dot/html/about/datafeeds.shtml">http://www.nyc.gov/html/dot/html/about/datafeeds.shtml</a>
<b>Streetscape</b>			
Trees (Density=no. of trees/ area)		TreesCount! 2015 Street Tree Census, conducted by volunteers and staff organized by NYC Parks & Recreation and partner organizations. 2015 Street Tree Census - Tree Data from NYC Open Data	<a href="https://data.cityofnewyork.us/Environment/2015-Street-Tree-Census-Tree-Data/pi5s-9p35">https://data.cityofnewyork.us/Environment/2015-Street-Tree-Census-Tree-Data/pi5s-9p35</a>
Street Furniture		PEDESTRIANS - CityBench, 2016, by New York City Department of Transportation [NYC DOT], from Vision Zero Data Feeds	<a href="http://www.nyc.gov/html/dot/html/pedestrians/citybench.shtml">http://www.nyc.gov/html/dot/html/pedestrians/citybench.shtml</a>
signage/ wayfinding (311 complaints/pop)	signage complaints	311 complaints for 2016 from NYC Open Data	<a href="https://data.cityofnewyork.us/Social-Services/311-Service-Requests-from-2010-to-Present/erm2-nwe9">https://data.cityofnewyork.us/Social-Services/311-Service-Requests-from-2010-to-Present/erm2-nwe9</a>
<b>land use</b>			
			<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>
industrial/ manufacturing( min) 6 %		PLUTO, Release 16v2, NYC DCP	<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>
transportation/ utility (min) 7 %		PLUTO, Release 16v2, NYC DCP	<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>
residential (more) 1,2,3 %		PLUTO, Release 16v2, NYC DCP	<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>
commercial and office (more) 5 %		PLUTO, Release 16v2, NYC DCP	<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>
mixed use (more) 4 %		PLUTO, Release 16v2, NYC DCP	<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>
parks/ outdoor rec (more) 9 %		PLUTO, Release 16v2, NYC DCP	<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>
public facilities and institutions		PLUTO, Release 16v2, NYC	<a href="https://www1.nyc.gov/site/planning/data-maps/open-">https://www1.nyc.gov/site/planning/data-maps/open-</a>



( more) 8 %		DCP	<a href="data/dwn-pluto-mappluto.page">data/dwn-pluto-mappluto.page</a>
vacant land (min) 11 %		PLUTO, Release 16v2, NYC DCP	<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>
parking (min) 10 %		PLUTO, Release 16v2, NYC DCP	<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>
density		American fact Finder, 2015 ACS 5-year estimates	<a href="https://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t">https://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t</a>
intensity of construction		311 complaints for 2016 from NYC Open Data	<a href="https://data.cityofnewyork.us/Social-Services/311-Service-Requests-from-2010-to-Present/erm2-nwe9">https://data.cityofnewyork.us/Social-Services/311-Service-Requests-from-2010-to-Present/erm2-nwe9</a>
affordable housing (no. of families on public housing waitlist / total no of families)	no. of families on public housing waitlist / total no of families	Measure of America, data2go.nyc - NYC Housing Authority, 2015, Waiting list as of November 9, 2015	<a href="http://data2go.nyc/map/?id=101*36047015900*pub_housing_wtlst_cd!undefined!ns!*other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#">http://data2go.nyc/map/?id=101*36047015900*pub_housing_wtlst_cd!undefined!ns!*other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#</a>
rent stabilized housing (no. of rent stabilized / total occupied units)		scraped data from the tax bills for NYC building, BetaNYC, 2014	<a href="http://iquantny.tumblr.com/post/125485105679/rent-stabilized-housing-is-disappearing-fast">http://iquantny.tumblr.com/post/125485105679/rent-stabilized-housing-is-disappearing-fast</a>
subsidized housing	no. of subsidized units/ total occupied units	NYU Furman Center, CoreData.nyc, 2017	<a href="http://app.coredata.nyc/?mlb=false&amp;ntii=rdindex&amp;ntr=Sub-Borough%20Area&amp;mz=12&amp;vtl=https%3A%2F%2Fthefurmancenter.carto.com%2Fu%2Fnyufc%2Fapi%2Fv2%2Fviz%2F39154c02-b660-11e6-baf8-0e3ff518bd15%2Fviz.json&amp;mln=true&amp;mlp=false&amp;mlat=40.723814&amp;ptsb=&amp;nty=2014&amp;mb=roadmap&amp;pf=%7B%7D&amp;md=table&amp;mlv=true&amp;mlng=-73.944491&amp;btl=Community%20District&amp;atp=neighborhoods#">http://app.coredata.nyc/?mlb=false&amp;ntii=rdindex&amp;ntr=Sub-Borough%20Area&amp;mz=12&amp;vtl=https%3A%2F%2Fthefurmancenter.carto.com%2Fu%2Fnyufc%2Fapi%2Fv2%2Fviz%2F39154c02-b660-11e6-baf8-0e3ff518bd15%2Fviz.json&amp;mln=true&amp;mlp=false&amp;mlat=40.723814&amp;ptsb=&amp;nty=2014&amp;mb=roadmap&amp;pf=%7B%7D&amp;md=table&amp;mlv=true&amp;mlng=-73.944491&amp;btl=Community%20District&amp;atp=neighborhoods#</a>
cost burden (% of renters)	% of renters paying more than 30% of income on rent	Measure of America, data2go.nyc - Census Bureau, American Community Survey, table B25070, 2010-2014, Renters spending 30% or more of income on housing-related costs	<a href="http://data2go.nyc/map/?id=101*36047015900*high_cost_h_tract!undefined!ns!*other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#">http://data2go.nyc/map/?id=101*36047015900*high_cost_h_tract!undefined!ns!*other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#</a>
housing costs \$		American fact Finder, 2015 ACS 5-year estimates	<a href="https://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t">https://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t</a>
vacancy rate (%) %		American fact Finder, 2015 ACS 5-year estimates	<a href="https://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t">https://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t</a>
proportion rented housing (renter occupied housing) %		American fact Finder, 2015 ACS 5-year estimates	<a href="https://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t">https://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t</a>
home values (for owner occupied)\$		Measure of America, data2go.nyc - Census Bureau, American Community Survey, table DP04, 2010-2014, The Census Bureau caps median home values at \$1,000,000 for tracts where the median is above that sum.	<a href="http://data2go.nyc/map/?id=101*36047015900*median_value_tract!undefined!ns!*other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#">http://data2go.nyc/map/?id=101*36047015900*median_value_tract!undefined!ns!*other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#</a>

appreciation rates for home prices %	market value appreciation rates	NYU Furman Center, CoreData.nyc, 2014	<a href="http://app.coredata.nyc/?mlb=false&amp;ntii=rdindex&amp;ntr=Sub-Borough%20Area&amp;mz=12&amp;vtl=https%3A%2F%2Fthefurmancenter.carto.com%2Fu%2Fnyufc%2Fapi%2Fv2%2Fviz%2F39154c02-b660-11e6-baf8-0e3ff518bd15%2Fviz.json&amp;mln=true&amp;mlp=false&amp;mlat=40.723814&amp;ptsb=&amp;nty=2014&amp;mb=roadmap&amp;pf=%7B%7D&amp;md=table&amp;mlv=true&amp;mlng=-73.944491&amp;btl=Community%20District&amp;atp=neighborhoods#">http://app.coredata.nyc/?mlb=false&amp;ntii=rdindex&amp;ntr=Sub-Borough%20Area&amp;mz=12&amp;vtl=https%3A%2F%2Fthefurmancenter.carto.com%2Fu%2Fnyufc%2Fapi%2Fv2%2Fviz%2F39154c02-b660-11e6-baf8-0e3ff518bd15%2Fviz.json&amp;mln=true&amp;mlp=false&amp;mlat=40.723814&amp;ptsb=&amp;nty=2014&amp;mb=roadmap&amp;pf=%7B%7D&amp;md=table&amp;mlv=true&amp;mlng=-73.944491&amp;btl=Community%20District&amp;atp=neighborhoods#</a>
rooms per person/ area (OVERCROWDING) (no of units with more than 1 occupant poer room) %	no of units with more than 1 occupant poer room	Measure of America, data2go.nyc - Census Bureau, American Community Survey, table DP04, 2010-2014, Counts total occupants in housing unit divided by total number of rooms in that unit.	<a href="http://data2go.nyc/map/?id=101*36047015900*more_than_one_tract!undefined!ns!*other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#">http://data2go.nyc/map/?id=101*36047015900*more_than_one_tract!undefined!ns!*other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#</a>
average duration of residence/ adult stability %	% of adulta who were in the same house a year ago	Measure of America, data2go.nyc - Census Bureau, American Community Survey, table B07001, 2010-2014	<a href="http://data2go.nyc/map/?id=101*36047015900*adult_sam_ehome_tract!undefined!ns!*other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#">http://data2go.nyc/map/?id=101*36047015900*adult_sam_ehome_tract!undefined!ns!*other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#</a>
senior living	number of senior facilities	The City Planning Facilities Database (FacDB), March 2017, from NYCDCP	<a href="https://www1.nyc.gov/site/planning/data-maps/open-data.page">https://www1.nyc.gov/site/planning/data-maps/open-data.page</a>
heritage (landmark designated bldgs/area)	landmark designated buildings	The City Planning Facilities Database (FacDB), March 2017, from NYCDCP	<a href="https://www1.nyc.gov/site/planning/data-maps/open-data.page">https://www1.nyc.gov/site/planning/data-maps/open-data.page</a>
% of workers %	(% working or actively looking for work)	Measure of America, data2go.nyc - Census Bureau, American Community Survey, table DP03, 2010-2014	<a href="http://data2go.nyc/map/?id=101*36061001300*labor_force_participation_tract!undefined!ns!*other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#">http://data2go.nyc/map/?id=101*36061001300*labor_force_participation_tract!undefined!ns!*other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#</a>
% unemployed %	Percentage 16+ who are unemployed	Measure of America, data2go.nyc - Census Bureau, American Community Survey, table DP03, 2010-2014	<a href="http://data2go.nyc/map/?id=101*36061001300*unemployment_tract!undefined!ns!*other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#">http://data2go.nyc/map/?id=101*36061001300*unemployment_tract!undefined!ns!*other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#</a>
poverty rates ( no. of individuals with income below poverty/ total pop)	The number of individuals in households with incomes below the federal poverty threshold/total population in CD	Measure of America, data2go.nyc - Census Bureau, American Community Survey, table S1701, 2010-2014	<a href="http://data2go.nyc/map/?id=101*36061001300*poverty_all_ages_federal_number_tract!undefined!ns!*other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#">http://data2go.nyc/map/?id=101*36061001300*poverty_all_ages_federal_number_tract!undefined!ns!*other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#</a>
migration rate	number of people who have moved to the area	American fact Finder, 2015 ACS 5-year estimates	<a href="https://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t">https://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t</a>
jobs per worker ( no. of pop/no. of workers= 1	1 job per x residents	Mobility, Economic Opportunity and New York City Neighborhoods - by - Sarah M. Kaufman, Mitchell L. Moss,	<a href="https://wagner.nyu.edu/files/faculty/publications/JobAccessNov2015.pdf">https://wagner.nyu.edu/files/faculty/publications/JobAccessNov2015.pdf</a>

job/ x pop)		Jorge Hernandez and Justin Tyndall, Updated November 2015, NYU Wagner Rudin Center Report	
household income \$		NYU Furman Center, CoreData.nyc, 2015\$	<a href="http://app.coredata.nyc/?mlb=false&amp;ntii=medhhincome_adj&amp;ntr=Sub-Borough%20Area&amp;mz=12&amp;vtl=https%3A%2F%2Fthefurmancenter.carto.com%2Fu%2Fnyufc%2Fapi%2Fv2%2Fviz%2F39154c02-b660-11e6-baf8-0e3ff518bd15%2Fviz.json&amp;mln=true&amp;mlp=false&amp;mlat=40.723814&amp;ptsb=&amp;nty=2014&amp;mb=roadmap&amp;pf=%7B%7D&amp;md=table&amp;mlv=true&amp;mlng=-73.944491&amp;btl=Community%20District&amp;atp=neighborhoods#">http://app.coredata.nyc/?mlb=false&amp;ntii=medhhincome_adj&amp;ntr=Sub-Borough%20Area&amp;mz=12&amp;vtl=https%3A%2F%2Fthefurmancenter.carto.com%2Fu%2Fnyufc%2Fapi%2Fv2%2Fviz%2F39154c02-b660-11e6-baf8-0e3ff518bd15%2Fviz.json&amp;mln=true&amp;mlp=false&amp;mlat=40.723814&amp;ptsb=&amp;nty=2014&amp;mb=roadmap&amp;pf=%7B%7D&amp;md=table&amp;mlv=true&amp;mlng=-73.944491&amp;btl=Community%20District&amp;atp=neighborhoods#</a>
personal income \$		Mobility, Economic Opportunity and New York City Neighborhoods - by - Sarah M. Kaufman, Mitchell L. Moss, Jorge Hernandez and Justin Tyndall, Updated November 2015, NYU Wagner Rudin Center Report	<a href="https://wagner.nyu.edu/files/faculty/publications/JobAccessNov2015.pdf">https://wagner.nyu.edu/files/faculty/publications/JobAccessNov2015.pdf</a>
household size		American fact Finder, 2015 ACS 5-year estimates	<a href="https://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t">https://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t</a>
racial diversity		NYU Furman Center, CoreData.nyc, 2014	<a href="http://app.coredata.nyc/?mlb=false&amp;ntii=rdindex&amp;ntr=Sub-Borough%20Area&amp;mz=12&amp;vtl=https%3A%2F%2Fthefurmancenter.carto.com%2Fu%2Fnyufc%2Fapi%2Fv2%2Fviz%2F39154c02-b660-11e6-baf8-0e3ff518bd15%2Fviz.json&amp;mln=true&amp;mlp=false&amp;mlat=40.723814&amp;ptsb=&amp;nty=2014&amp;mb=roadmap&amp;pf=%7B%7D&amp;md=table&amp;mlv=true&amp;mlng=-73.944491&amp;btl=Community%20District&amp;atp=neighborhoods#">http://app.coredata.nyc/?mlb=false&amp;ntii=rdindex&amp;ntr=Sub-Borough%20Area&amp;mz=12&amp;vtl=https%3A%2F%2Fthefurmancenter.carto.com%2Fu%2Fnyufc%2Fapi%2Fv2%2Fviz%2F39154c02-b660-11e6-baf8-0e3ff518bd15%2Fviz.json&amp;mln=true&amp;mlp=false&amp;mlat=40.723814&amp;ptsb=&amp;nty=2014&amp;mb=roadmap&amp;pf=%7B%7D&amp;md=table&amp;mlv=true&amp;mlng=-73.944491&amp;btl=Community%20District&amp;atp=neighborhoods#</a>
<b>living conditions - 311 complaints</b>			
heating/ hot water (complaints/pop)	heat/hot water complaints + non residential heat complaints	311 complaints for 2016 from NYC Open Data	<a href="https://data.cityofnewyork.us/Social-Services/311-Service-Requests-from-2010-to-Present/erm2-nwe9">https://data.cityofnewyork.us/Social-Services/311-Service-Requests-from-2010-to-Present/erm2-nwe9</a>
sanitation/ sewer (311 complaints / pop)		311 complaints for 2016 from NYC Open Data	<a href="https://data.cityofnewyork.us/Social-Services/311-Service-Requests-from-2010-to-Present/erm2-nwe9">https://data.cityofnewyork.us/Social-Services/311-Service-Requests-from-2010-to-Present/erm2-nwe9</a>
rodents/pests (complaints/1000 pop)	number of complaints per 1000 people	Measure of America, data2go.nyc - Measure of America calculations using NYC Open Data 311 Call Dataset, 2015, 311 rodent complaints per 1,000 residents from June 2014 to June 2015	<a href="http://data2go.nyc/map/?id=101*36047015900*rodent_per_1000_cd!undefined!ns*!other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!~air_qual_cd~ahdi_puma*family_homeless_cd_245#">http://data2go.nyc/map/?id=101*36047015900*rodent_per_1000_cd!undefined!ns*!other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!~air_qual_cd~ahdi_puma*family_homeless_cd_245#</a>
paint/ plaster (complaints/1000 pop)	number of complaints per 1000 people	Measure of America, data2go.nyc - Measure of America calculations using NYC Open Data 311 Call Dataset, 2015, 311 paint and plaster complaints per 1,000 residents from June 2014 to June 2015	<a href="http://data2go.nyc/map/?id=101*36047015900*paint_per_1000_cd!undefined!ns*!other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!~air_qual_cd~ahdi_puma*family_homeless_cd_245#">http://data2go.nyc/map/?id=101*36047015900*paint_per_1000_cd!undefined!ns*!other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!~air_qual_cd~ahdi_puma*family_homeless_cd_245#</a>

noise pollution (complaints/pop )	311 complaints for 2016 from NYC Open Data	<a href="https://data.cityofnewyork.us/Social-Services/311-Service-Requests-from-2010-to-Present/erm2-nwe9">https://data.cityofnewyork.us/Social-Services/311-Service-Requests-from-2010-to-Present/erm2-nwe9</a>
public transit options( stops density = no. of stops/ area)	The City Planning Facilities Database (FacDB), March 2017, from NYCDCP	<a href="https://www1.nyc.gov/site/planning/data-maps/open-data.page">https://www1.nyc.gov/site/planning/data-maps/open-data.page</a>
household monthly costs on travel (\$)	The Center for Neighborhood Technology's Housing and Transportation (H+T@) Affordability Index	<a href="http://htaindex.cnt.org/map/">http://htaindex.cnt.org/map/</a>
average trip time one way	Measure of America, data2go.nyc - Census Bureau, American Community Survey, table S0801, 2010-2015, Average commute time for workers 16+ who work outside their homes (each way)	<a href="http://data2go.nyc/map/?id=101*36047015900*average_commute_tract!undefined!ns*!other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!~air_qual_cd~ahdi_puma*family_homeless_cd_245#">http://data2go.nyc/map/?id=101*36047015900*average_commute_tract!undefined!ns*!other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!~air_qual_cd~ahdi_puma*family_homeless_cd_245#</a>
access to work (avg ranks)	Mobility, Economic Opportunity and New York City Neighborhoods - by - Sarah M. Kaufman, Mitchell L. Moss, Jorge Hernandez and Justin Tyndall, Updated November 2015, NYU Wagner Rudin Center Report	<a href="https://wagner.nyu.edu/files/faculty/publications/JobAccessNov2015.pdf">https://wagner.nyu.edu/files/faculty/publications/JobAccessNov2015.pdf</a>
pedestrian safety (no of injuries 2016- 17)	NYC DOT Vision Zero Data Feeds, 2016	<a href="http://www.nyc.gov/html/dot/html/about/vz_datafeeds.shtml">http://www.nyc.gov/html/dot/html/about/vz_datafeeds.shtml</a>
biking safety (no of injuries 2016-17)	NYC DOT Vision Zero Data Feeds, 2016	<a href="http://www.nyc.gov/html/dot/html/about/vz_datafeeds.shtml">http://www.nyc.gov/html/dot/html/about/vz_datafeeds.shtml</a>
speed limits (mph)	NYC DOT Vision Zero Data Feeds, 2016	<a href="http://www.nyc.gov/html/dot/html/about/vz_datafeeds.shtml">http://www.nyc.gov/html/dot/html/about/vz_datafeeds.shtml</a>
crash rates (numbers 2016- 2017)	NYC DOT Vision Zero Data Feeds, 2016	<a href="http://www.nyc.gov/html/dot/html/about/vz_datafeeds.shtml">http://www.nyc.gov/html/dot/html/about/vz_datafeeds.shtml</a>
Religious establishments (pop/ no. of religious establishments) (1 establishment / x pop)	1 establishment per x number of people	<a href="https://benwellington.carto.com/tables/number_of_home_owning_clergy_per_thousand_residents/public">https://benwellington.carto.com/tables/number_of_home_owning_clergy_per_thousand_residents/public</a>
theaters	The City Planning Facilities Database (FacDB), March 2017, from NYCDCP	<a href="https://www1.nyc.gov/site/planning/data-maps/open-data.page">https://www1.nyc.gov/site/planning/data-maps/open-data.page</a>
museums	The City Planning Facilities Database (FacDB), March 2017, from NYCDCP	<a href="https://www1.nyc.gov/site/planning/data-maps/open-data.page">https://www1.nyc.gov/site/planning/data-maps/open-data.page</a>
galleries	The City Planning Facilities Database (FacDB), March 2017, from NYCDCP	<a href="https://www1.nyc.gov/site/planning/data-maps/open-data.page">https://www1.nyc.gov/site/planning/data-maps/open-data.page</a>

parks/ open space (CD area/Park area)		The City Planning Facilities Database (FacDB), March 2017, from NYCDCP	<a href="https://www1.nyc.gov/site/planning/data-maps/open-data.page">https://www1.nyc.gov/site/planning/data-maps/open-data.page</a>
gym (no./area)		The City Planning Facilities Database (FacDB), March 2017, from NYCDCP	<a href="https://www1.nyc.gov/site/planning/data-maps/open-data.page">https://www1.nyc.gov/site/planning/data-maps/open-data.page</a>
grocery stores, farmers' markets (no./area)		The City Planning Facilities Database (FacDB), March 2017, from NYCDCP	<a href="https://www1.nyc.gov/site/planning/data-maps/open-data.page">https://www1.nyc.gov/site/planning/data-maps/open-data.page</a>
FOOD INSECURITY (%)	% of residents without reliable access to a sufficient quantity of affordable, nutritious food.	Measure of America, data2go.nyc - Food Bank For New York City, 2013, Food insecure individuals indirectly estimated using statistical modeling techniques. For information, visit <a href="http://feedingamerica.org">feedingamerica.org</a> .	<a href="http://data2go.nyc/map/?id=101*36047015900*food_insecure_puma!undefined!ns!*other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#">http://data2go.nyc/map/?id=101*36047015900*food_insecure_puma!undefined!ns!*other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#</a>
restaurants/ culinary options (no./area) (2014 nyt)	density of culinary options	NY Times, Open Street Map, Carto, Restaurant locations are derived from the New York City Department of Health and Mental Hygiene database, 2014	<a href="https://mgimshaw.carto.com/viz/f2083de2-4424-11e4-afd2-0e73339ffa50/embed_map">https://mgimshaw.carto.com/viz/f2083de2-4424-11e4-afd2-0e73339ffa50/embed_map</a>
libraries (no./area)		The City Planning Facilities Database (FacDB), March 2017, from NYCDCP	<a href="https://www1.nyc.gov/site/planning/data-maps/open-data.page">https://www1.nyc.gov/site/planning/data-maps/open-data.page</a>
Community Gardens (no.area)		NYC Greenthumb Community Gardens, 2014, by Department of Parks and Recreation (DPR) from NYC Open Data	<a href="https://data.cityofnewyork.us/Environment/NYC-Greenthumb-Community-Gardens/ajxm-kzmj">https://data.cityofnewyork.us/Environment/NYC-Greenthumb-Community-Gardens/ajxm-kzmj</a>
pedestrian plazas (no./area)		The City Planning Facilities Database (FacDB), March 2017, from NYCDCP	<a href="https://www1.nyc.gov/site/planning/data-maps/open-data.page">https://www1.nyc.gov/site/planning/data-maps/open-data.page</a>
fashion/ shopping (% retail, LandUse) %		PLUTO, Release 16v2, NYC DCP	<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>
Intensity of use of public spaces ( crime in parks/ area)		NYPD 2016	<a href="http://www.nyc.gov/html/nypd/html/analysis_and_planning/historical_nyc_crime_data.shtml">http://www.nyc.gov/html/nypd/html/analysis_and_planning/historical_nyc_crime_data.shtml</a>
civic involvement/public engagement (311 complaints/ pop)		311 complaints for 2016 from NYC Open Data	<a href="https://data.cityofnewyork.us/Social-Services/311-Service-Requests-from-2010-to-Present/erm2-nwe9">https://data.cityofnewyork.us/Social-Services/311-Service-Requests-from-2010-to-Present/erm2-nwe9</a>
voting rate %	Percentage of all eligible voters who voted at least once in the past three years	Measure of America, data2go.nyc - Measure of America calculations from NYC Board of Elections data, 2012-2014, Percentage of all eligible voters who voted at least once in the past three years	<a href="http://data2go.nyc/map/?id=101*36047015900*voted_last_three_years_cd!undefined!ns!*other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#">http://data2go.nyc/map/?id=101*36047015900*voted_last_three_years_cd!undefined!ns!*other_pop_cd_506~ahdi_puma_1~sch_enrol_cd_112~age_pyramid_male_85_plus_cd_20~median_household_income_puma_397~median_personal_earnings_puma_400~dis_y_perc_puma_102~poverty_ceo_cd_417~unemployment_cd_408~pre_k_cd_107!*air_qual_cd~ahdi_puma*family_homeless_cd_245#</a>