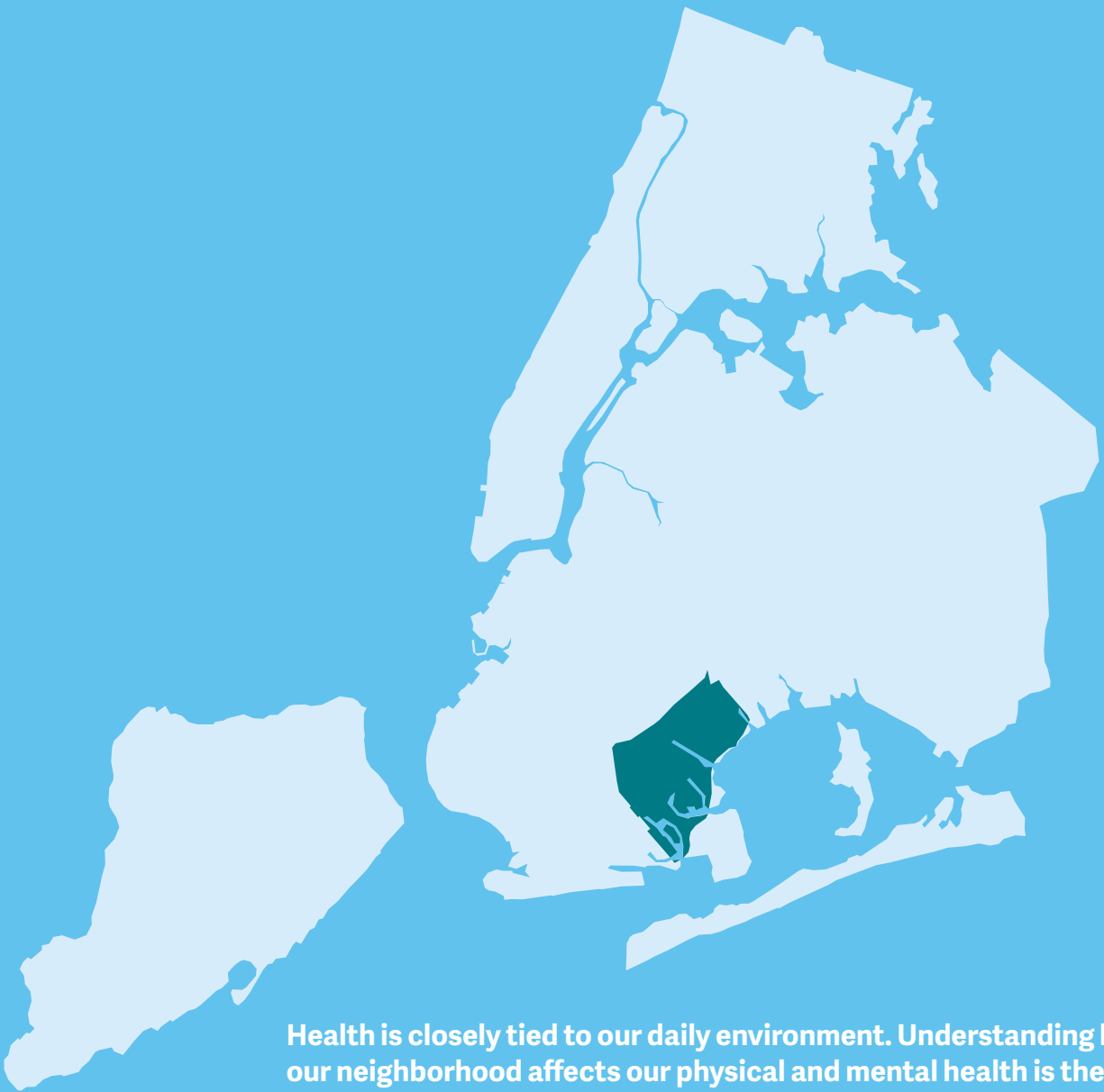


# Flatlands and Canarsie

BROOKLYN  
COMMUNITY  
DISTRICT

18

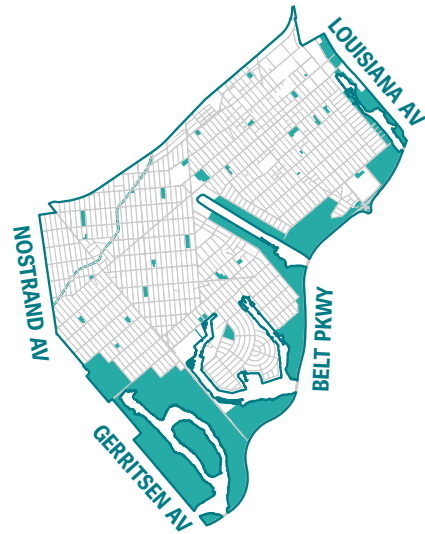
Including Bergen Beach, Canarsie, Flatlands, Georgetown, Marine Park and Mill Basin



Health is closely tied to our daily environment. Understanding how our neighborhood affects our physical and mental health is the first step toward building a healthier and more equitable New York City.

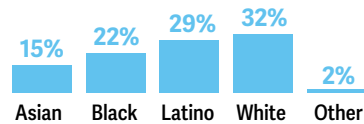


## Who We Are



### New York City

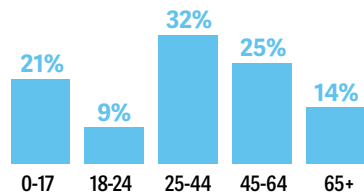
#### POPULATION BY RACE AND ETHNICITY^



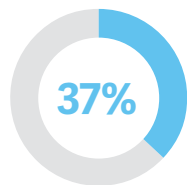
#### TOTAL POPULATION

8,537,673

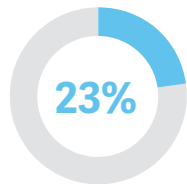
#### POPULATION BY AGE



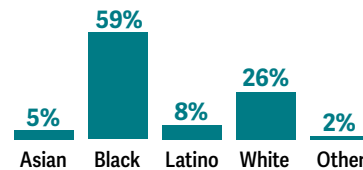
#### BORN OUTSIDE THE US



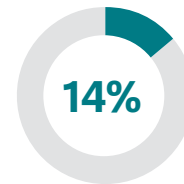
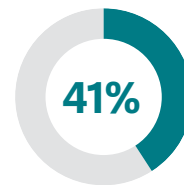
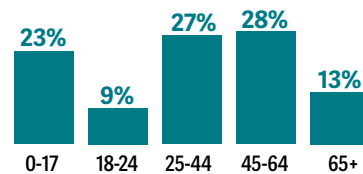
#### HAVE LIMITED ENGLISH PROFICIENCY



### Flatlands and Canarsie



195,264



^White, Black, Asian and Other exclude Latino ethnicity. Latino is Hispanic or Latino of any race.

Note: Percentages may not sum to 100% due to rounding.

Sources: Population, Race and Ethnicity and Age: U.S. Census Bureau Population Estimates, 2016; Born Outside the U.S. and English Proficiency: U.S. Census Bureau, American Community Survey, 2012-2016



## Note from Oxiris Barbot, Commissioner, New York City Department of Health and Mental Hygiene

We are pleased to present the 2018 Community Health Profiles, a look into the health of New York City's (NYC) 59 diverse community districts.

The health of NYC has never been better. Our city's life expectancy is 81.2 years, 2.5 years higher than the national average.

However, not all residents have the same opportunities to lead a healthy life. A ZIP code should not determine a person's health, but that's the reality in so many cities, including our own.

The Community Health Profiles allow us to see how much health can vary by neighborhood. Policies and practices based on a history of racism and discrimination (often referred to as structural racism) have created neighborhoods with high rates of poverty and limited access to resources that promote health. The practice of removing funding or refusing to provide funding to communities of color has caused poor health outcomes to cluster in these communities.

The Community Health Profiles also show how important community resources, and funding to create and sustain these resources, are to health outcomes. For example, supermarkets provide more access to fresh foods than bodegas. However, in some neighborhoods with obesity rates higher than the citywide average, just 5% of food establishments are supermarkets, making it difficult for residents to make healthy choices.

Addressing these inequities may seem like a daunting task, but by working together, we can dismantle the unjust policies and practices that contribute to poor health in our communities. Through Take Care New York 2020 (TCNY 2020), and other New York City Health Department programs, we work with community partners to give every resident the same opportunity for good health.<sup>▫</sup> We are making progress, but there is more work to do.

Reducing health inequities requires policymakers, community groups, health professionals, researchers and residents to work together for change at every level. We look forward to working with you to improve the health of our city.


Sincerely,









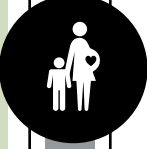

A handwritten signature in black ink that reads "Oxiris Barbot MD".

Oxiris Barbot, MD

<sup>▫</sup> Take Care New York 2020 (TCNY 2020) is the City's blueprint for giving everyone the chance to live a healthier life. For more information, visit [nyc.gov/health](https://nyc.gov/health) and search for [TCNY](#).

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## NAVIGATING THIS DOCUMENT

This profile covers all of Brooklyn's Community District 18, which includes **Bergen Beach, Canarsie, Flatlands, Georgetown, Marine Park and Mill Basin**. This is one of 59 community districts in NYC. The community district with the most favorable outcome in NYC for each measure is presented throughout the report. Sometimes this is the highest rate (e.g. physical activity) and sometimes this is the lowest rate (e.g. infant mortality). Some figures include an arrow to help readers understand the direction of the healthier outcome.

This profile uses the following color coding system:

			
FLATLANDS AND CANARSIE	BROOKLYN	NEW YORK CITY	LOWEST/HIGHEST COMMUNITY DISTRICT



# Understanding Health Inequities in New York City

The ability to live a long and healthy life is not equally available to all New Yorkers. A baby born to a family that lives in the Upper East Side will live 11 years longer than a baby born to a family in Brownsville. This inequity is unacceptable.

Resources and opportunities are at the root of good health. These include secure jobs with benefits, well-maintained and affordable housing, safe neighborhoods with clean parks, accessible transportation, healthy and affordable food, and quality education and health care.<sup>1</sup> In NYC, access to these resources and opportunities are not equitably distributed. Neighborhoods with residents of color often have fewer resources.

Since the 1600s—when NYC was established by colonization—racist policies and practices have shaped where New Yorkers live and go to school, what jobs they have and what their neighborhoods look like. Over time, these policies and practices have built on each other to create deep inequity.

For example, in the 1930s the federal government developed a policy known as redlining. As part of this policy, neighborhoods were rated based on the race, ethnicity and national origin of their residents. Neighborhoods that were home to people of color, like Central Harlem and Brownsville, were outlined in red on a map. They were labeled as "hazardous" and no home loans or other investments were approved there. The wealthiest and Whitest neighborhoods in NYC received, and continue to receive, more investment and opportunities for health.<sup>2</sup>

The denial of resources and opportunities that support good health contributes to the differences in life expectancy we see today. Experiencing racism is also a health burden, creating chronic stress that contributes to major causes of death, like diabetes and heart disease.<sup>3</sup>

To better understand the successes and challenges in each of NYC's 59 neighborhoods, the Community Health Profiles present data on a range of measures. These data should be interpreted with an understanding that good health is not only determined by personal choices. Many other factors shape differences in health outcomes, including past and current discrimination based on race, ethnicity, national origin, gender, sexual orientation and other identities. We hope the Community Health Profiles support your efforts in making NYC more equitable for all. For more information on the New York City Health Department programs and services that are closing the gap in health outcomes, visit [nyc.gov/health](http://nyc.gov/health).

<sup>1</sup> Marmot M, Friel S, Bell R, et al. Closing the Gap in a Generation: Health Equity Through Action on the Social Determinants of Health. *The Lancet*. 2008; 372(9650): 1661–1669.

<sup>2</sup> Undesign the Redline. <http://www.designingthewe.com/undesign-the-redline>. Accessed March 13, 2018.

<sup>3</sup> Krieger N. Embodying inequality: A Review of Concepts, Measures, and Methods for Studying Health Consequences of Discrimination. *International Journal of Health Services*. 1999; 29(2): 295-352.



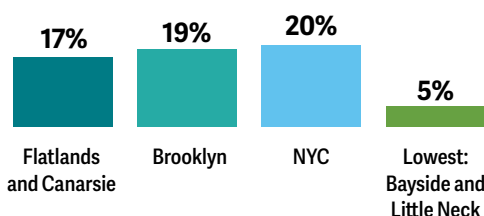
# Social and Economic Conditions

## Education

Higher education levels are associated with better health outcomes. Missing too many days of school can cause students to fall behind and increases their risk of dropping out. **Flatlands and Canarsie's** elementary school absenteeism rate is lower than the rate for NYC overall. Four out of five high school students in **Flatlands and Canarsie** graduate in four years, higher than the citywide rate.

### ELEMENTARY SCHOOL ABSENTEEISM

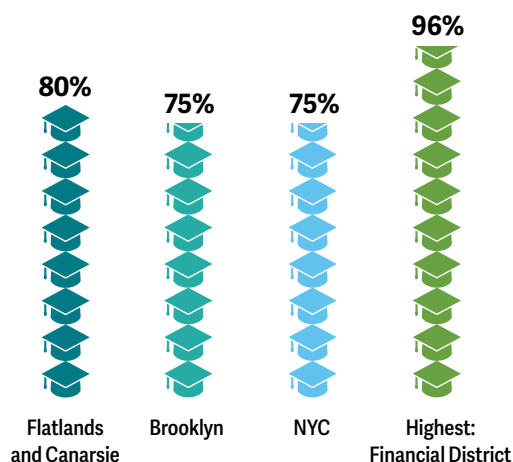
(percent of public school students in grades K through 5 missing 19 or more school days)



Source: NYC Department of Education, 2016-2017

### ON-TIME HIGH SCHOOL GRADUATION

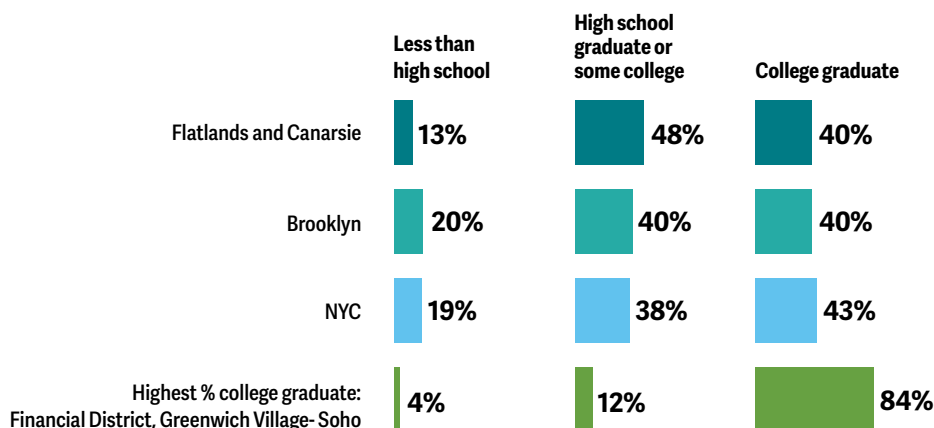
(percent of public school students graduating in four years)



Note: NYC and borough On-time High School Graduation data may differ from rates presented in other published sources. See technical notes in the [public use dataset](#) for more details.

Source: NYC Department of Education, 2017

### HIGHEST LEVEL OF EDUCATION ACHIEVED (percent of adults ages 25 and older)



Two out of five adults in Flatlands and Canarsie have a college degree. Thirteen percent of adults have not completed high school, a rate lower than the citywide rate.

Source: U.S. Census Bureau, American Community Survey, 2012-2016



## Social and Economic Conditions

### Economic stress

Living in high-poverty neighborhoods limits healthy options and makes it difficult to access quality health care and resources that promote health. In **Flatlands and Canarsie**, 15% of residents live in poverty, compared with 20% of NYC residents. Access to affordable housing and employment opportunities with fair wages and benefits are also closely associated with good health. **Flatlands and Canarsie's** unemployment rate is similar to the citywide average of 9%. Rent burdened households pay more than 30% of their income for housing and may have difficulty affording food, clothing, transportation and health care. Fifty percent of **Flatlands and Canarsie** residents are rent burdened, a similar rate compared with residents citywide. One way to consider the effect of income on health is by comparing death rates among neighborhoods. "Avertable deaths" are those that could have been avoided if each neighborhood had the same death rate as the five wealthiest neighborhoods. **Using this measure, 24% of deaths could have been averted in Flatlands and Canarsie.**

### ECONOMIC STRESS

	Flatlands and Canarsie	Brooklyn	NYC	Lowest %
<b>Poverty</b> (percent of residents)	<b>15%</b>	<b>21%</b>	<b>20%</b>	<b>7%</b> Upper East Side
<b>Unemployment</b> (percent of people ages 16 and older)	<b>9%</b>	<b>9%</b>	<b>9%</b>	<b>4%</b> Upper East Side
<b>Rent Burden</b> (percent of renter-occupied homes)	<b>50%</b>	<b>52%</b>	<b>51%</b>	<b>37%</b> Park Slope and Carroll Gardens

Note: Unemployment data may differ from rates presented in other published sources. See technical notes in the [public use dataset](#) for more details.

Sources: Poverty: American Community Survey as augmented by NYC Opportunity, 2012-2016 (community district and NYC), 2016 (borough); Unemployment and Rent Burden: U.S. Census Bureau, American Community Survey, 2012-2016; Avertable Deaths: NYC DOHMH, Bureau of Vital Statistics, 2011-2015

Many of the factors that affect health happen outside of a doctor's office. This includes access to quality education, jobs and safe spaces to live. Residents in high-poverty neighborhoods often lack these resources.

### Is your neighborhood gentrifying?

Gentrification transforms a low-income area into a high-income area through neighborhood redevelopment. It is often defined as changes in the racial and ethnic makeup, education level and average income of a neighborhood's residents, as well as changes in housing and commercial businesses. While development may be beneficial, it is often inequitable, and can lead to displacement of long-time residents and businesses.

Gentrification can be measured in many ways. One measure that is used in NYC is to determine if a low-income neighborhood (those with the lowest 40% of average household income in 1990) saw higher than median rent growth over the past 20 years. Based on this definition, of 24 neighborhoods that were considered low-income in 1990, 17 were considered to be gentrifying. **Flatlands and Canarsie** is one of 35 neighborhoods within the highest 60% of average household income in 1990 and was excluded from the measure.

Source: NYU Furman Center, 2015

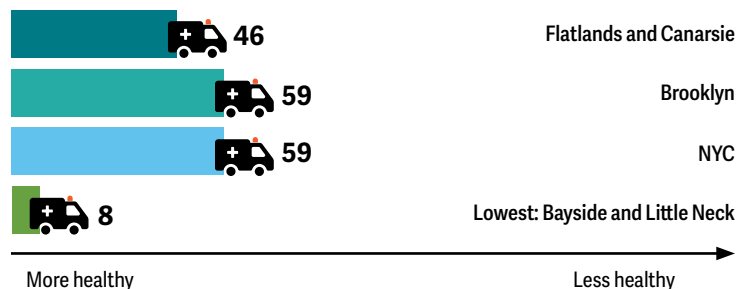


## Social and Economic Conditions

### Violence

Compared with the citywide rate, **Flatlands and Canarsie** has a lower rate of assault-related hospitalizations.

#### NON-FATAL ASSAULT HOSPITALIZATIONS (per 100,000 people)



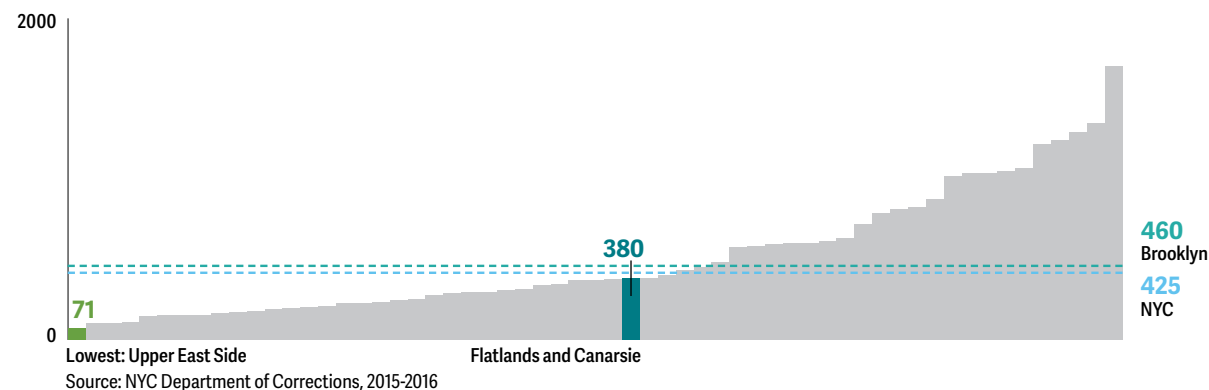
Source: New York State Department of Health, Statewide Planning and Research Cooperative System, 2012-2014

Hospitalizations related to injuries from assaults capture the consequences of community violence.

### Incarceration

Incarceration takes a toll on individuals, families and communities. Black and Latino New Yorkers experience higher policing compared with non-Latino White New Yorkers. This leads to higher rates of detention, which may include long periods of time spent in jail before trial. People who have been incarcerated are more likely to experience mental and physical health problems. They may also have trouble finding employment and housing and accessing healthy food.

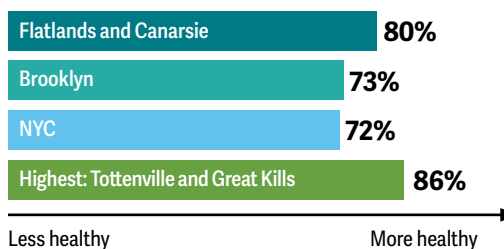
#### JAIL INCARCERATION (per 100,000 adults ages 16 and older)



### Helpful neighbors

Strong social connections can have a positive impact on the health of community members. Feeling that our neighbors are willing to help each other is one aspect of community connection. In **Flatlands and Canarsie**, 80% of residents think that their neighbors are willing to help one another. This is higher than the rest of the city.

#### ADULTS REPORTING THAT THEIR NEIGHBORS ARE WILLING TO HELP ONE ANOTHER (percent of adults)



Source: NYC DOHMH, Community Health Survey, 2015-2016





# Housing and Neighborhood Conditions

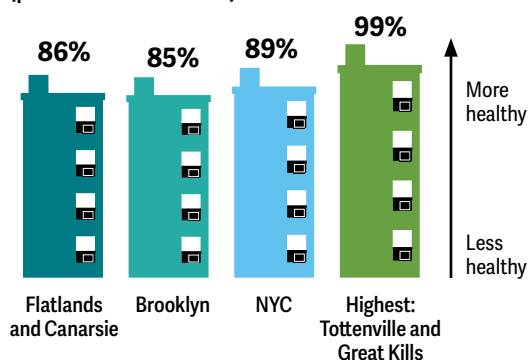
The environment we live in can make it easier or more difficult for New Yorkers to lead healthy lives.

## Air conditioning

Most heat stroke deaths in NYC occur in homes without air conditioning. Nearly nine out of 10 households in **Flatlands and Canarsie** have working air conditioners.

### AIR CONDITIONING

(percent of households)



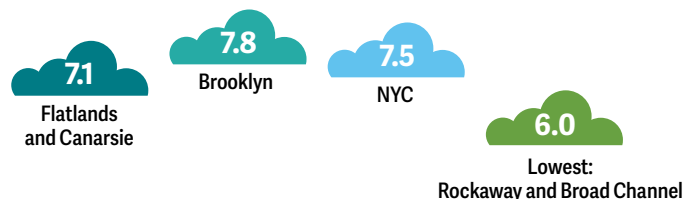
Source: NYC Housing and Vacancy Survey, 2014

## Air pollution

Though air quality is improving in NYC in general, it varies by community district. In **Flatlands and Canarsie**, levels of the most harmful air pollutant, fine particulate matter (PM2.5), are 7.1 micrograms per cubic meter.

### AIR POLLUTION

(micrograms of fine particulate matter per cubic meter)



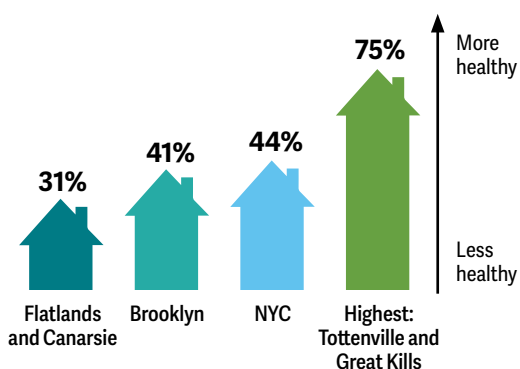
Source: NYC DOHMH, Community Air Survey, 2016

## Housing quality

Every resident has the right to live in housing that is safe and pest-free. Poorly maintained housing is associated with poor health outcomes, including worsened asthma and other respiratory illnesses. In **Flatlands and Canarsie**, only 31% of renter-occupied homes are adequately maintained by landlords – free from heating breakdowns, cracks, holes, peeling paint and other defects. Twenty-four percent of **Flatlands and Canarsie** households report seeing cockroaches, which is a potential asthma trigger.

### HOMES WITHOUT MAINTENANCE DEFECTS

(percent of renter-occupied homes)

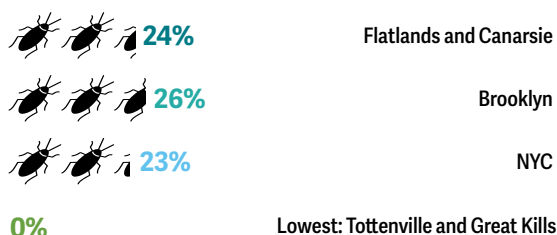


Note: Maintenance defects include water leaks, cracks and holes, inadequate heating, presence of mice or rats, toilet breakdowns or peeling paint.

Source: NYC Housing and Vacancy Survey, 2014

### HOMES REPORTING COCKROACHES

(percent of households)



Source: NYC Housing and Vacancy Survey, 2014



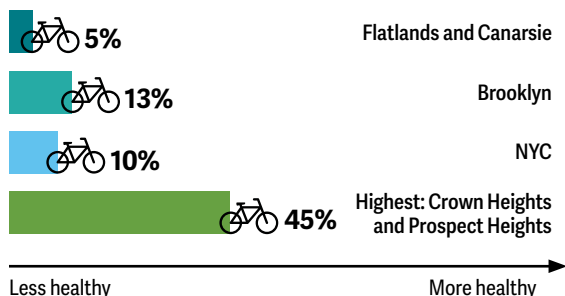
# Housing and Neighborhood Conditions

## Bicycle network coverage

Five percent of roads in **Flatlands and Canarsie** have bike lanes, which is lower than NYC overall.

### BICYCLE NETWORK COVERAGE

(percent of streets with bike lanes)



**Access to bike lanes can make it easier and safer to ride a bike more often.**

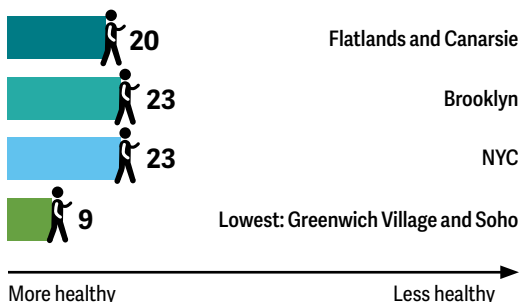
Source: NYC Department of Transportation, 2017

## Pedestrian injury

**Flatlands and Canarsie** residents have a similar pedestrian injury hospitalization rate compared with NYC overall.

### PEDESTRIAN INJURY HOSPITALIZATIONS

(per 100,000 people)



Source: New York State Department of Health, Statewide Planning and Research Cooperative System, 2012-2014

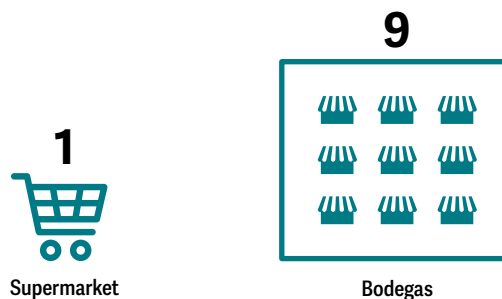
## Food environment

Bodegas are less likely to have healthy food options than supermarkets. The lowest ratio among NYC community districts is one supermarket for every three bodegas (healthier); the highest is one supermarket for every 57 bodegas (less healthy). **Flatlands and Canarsie** is home to three of NYC's farmers markets, another source of healthy food.

**It is easier to make healthy choices when healthy, affordable food is readily available.**

## SUPERMARKET TO BODEGA RATIO

For every one supermarket in **Flatlands and Canarsie**, there are 9 bodegas.



Source: Farmers Markets: NYC DOHMH Bureau of Chronic Disease Prevention and Tobacco Control, 2017; Supermarket to Bodega Ratio: New York State Department of Agriculture and Markets, October 2016



# Maternal and Child Health

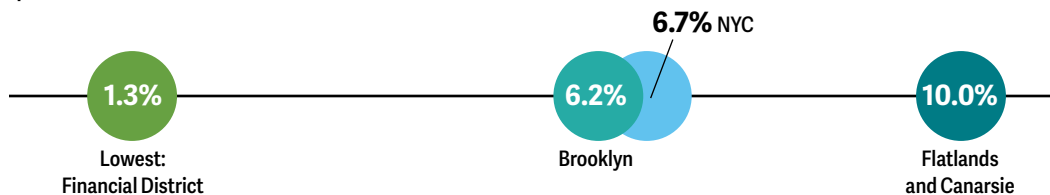
## Pregnancy outcomes

In **Flatlands and Canarsie**, the rate of expectant mothers receiving late or no prenatal care is higher than the citywide rate. One in 11 births to **Flatlands and Canarsie** residents is preterm (three or more weeks before the due date), similar to the citywide rate.

**Access to quality health care is critical to a mother's health before, during and after pregnancy, and to the health of our littlest New Yorkers.**

## LATE OR NO PRENATAL CARE

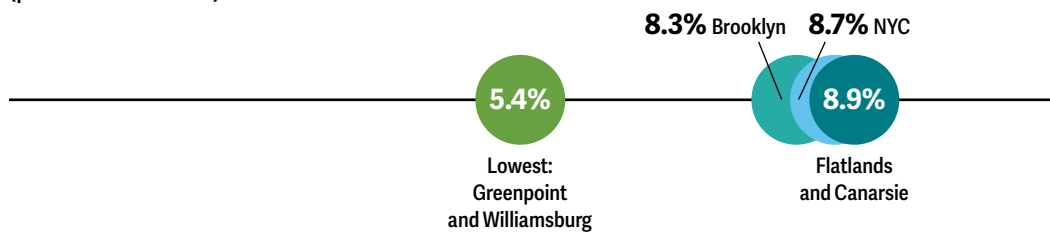
(percent of live births)



Source: NYC DOHMH, Bureau of Vital Statistics, 2015

## PRETERM BIRTHS

(percent of live births)



Source: NYC DOHMH, Bureau of Vital Statistics, 2015

**Preterm birth is a key driver of infant death.**

## Teen pregnancy

Teen pregnancy has declined across NYC; **Flatlands and Canarsie's** teen birth rate is 11.6 per 1,000 teen girls.

## TEEN BIRTHS

(per 1,000 females ages 15 to 19)



\*Interpret estimate with caution due to small number of events.

Source: NYC DOHMH, Bureau of Vital Statistics, 2013-2015



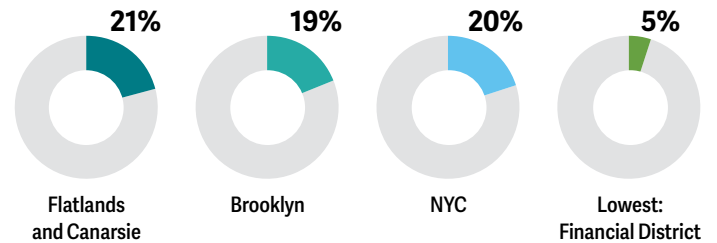
# Maternal and Child Health

## Childhood obesity

One out of five **Flatlands and Canarsie** children in grades K through 8 has obesity. This is similar to the citywide rate.

## CHILDHOOD OBESITY

(percent of public school children in grades K through 8)



Source: NYC Department of Education, 2016-2017

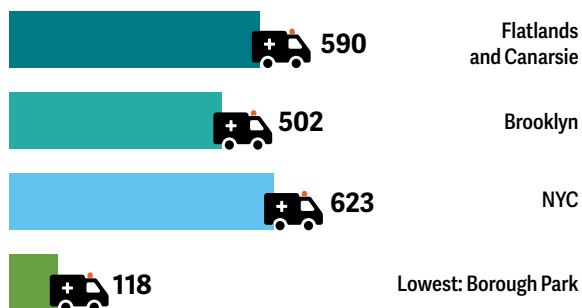
## Children's hospitalizations and emergency department visits

"Avoidable hospitalizations" are those that could be prevented with timely access to quality outpatient care. The rate of avoidable pediatric hospitalizations among children ages 4 and younger in **Flatlands and Canarsie** is similar to the citywide rate.

Many childhood asthma emergency department visits could be prevented by reducing the presence of pests, mold, secondhand smoke and other asthma triggers, and by taking daily medication. The asthma emergency department visit rate among children ages 5 to 17 in **Flatlands and Canarsie** is lower than the citywide rate. The TCNY 2020 goal is to have fewer than 210 asthma emergency department visits per 10,000 children across the entire city. <sup>1</sup>

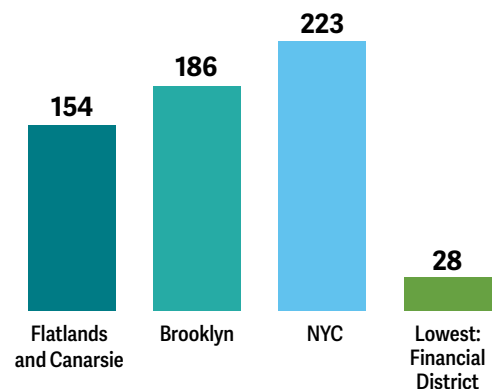
## AVOIDABLE HOSPITALIZATIONS AMONG CHILDREN

(per 100,000 children ages 4 and younger)



## CHILD ASTHMA EMERGENCY DEPARTMENT VISITS

(per 10,000 children ages 5 to 17)



Sources: Avoidable Hospitalizations among Children: New York State Department of Health, Statewide Planning and Research Cooperative System, 2014; Child Asthma Emergency Department Visits: New York State Department of Health, Statewide Planning and Research Cooperative System, 2015

<sup>1</sup> Take Care New York 2020 (TCNY 2020) is the City's blueprint for giving everyone the chance to live a healthier life. For more information, visit [nyc.gov/health](https://nyc.gov/health) and search for **TCNY**.



## Healthy Living

### Self-reported health

How residents feel about their own health can be a good measure of overall mental and physical health. Eighty-nine percent of **Flatlands and Canarsie** residents rank their health as "excellent," "very good" or "good," higher than the rest of NYC. The TCNY 2020 goal for the city is at least 82%.

### ADULTS REPORTING THEIR OWN HEALTH AS "EXCELLENT," "VERY GOOD" OR "GOOD" (percent of adults)



Less healthy

More healthy

Source: NYC DOHMH, Community Health Survey, 2015-2016

### Physical activity, diet and smoking

Eighty percent of **Flatlands and Canarsie** adults report getting any physical activity in the past 30 days, higher than New Yorkers overall. The percentage of **Flatlands and Canarsie** adults who report eating at least one serving of fruits or vegetables in the past day is similar to the citywide average of 87%.

Sugary drink consumption can increase the risk of type 2 diabetes, heart disease, cavities, weight gain and obesity. Industry marketing can affect behavior and sugary drinks are heavily marketed to youth and communities of color. While sugary drink consumption has decreased to 23% in NYC, the TCNY 2020 goal is to reduce sugary drink consumption to less than 19% citywide. Twenty-three percent of **Flatlands and Canarsie** adults drink at least one sugary drink a day.

**Federal guidelines recommend that adults get 150 minutes of moderate exercise each week. People who are physically active are more likely to live longer, healthier lives.**

The adult smoking rate in **Flatlands and Canarsie** is similar to the rest of the borough and other parts of NYC. The City is committed to reducing the citywide adult smoking rate to 12% by 2020.

### PHYSICAL ACTIVITY, DIET AND SMOKING (percent of adults)

	Flatlands and Canarsie	Brooklyn	NYC	Highest %
Any physical activity in the past 30 days	80%	72%	73%	90% Financial District, Greenwich Village- Soho
At least one serving of fruits or vegetables per day	85%	86%	87%	96% Financial District, Greenwich Village- Soho
	Flatlands and Canarsie	Brooklyn	NYC	Lowest %
One or more 12-ounce sugary drinks per day	23%	24%	23%	8% Financial District, Greenwich Village- Soho
Current smokers	10%	14%	14%	8% Upper East Side

Source: NYC DOHMH, Community Health Survey, 2015-2016

Take Care New York 2020 (TCNY 2020) is the City's blueprint for giving everyone the chance to live a healthier life. For more information, visit [nyc.gov/health](https://nyc.gov/health) and search for TCNY.




## Health Care

### Access to health care

Citywide, the percentage of uninsured New Yorkers decreased in the last five years from 20% to 12%. In **Flatlands and Canarsie**, 9% of adults are uninsured and 8% report going without needed medical care in the past 12 months, similar to the rest of NYC. The TCNY 2020 goal is to have less than 9% of New Yorkers going without needed medical care. <sup>o</sup>

#### ACCESS TO HEALTH CARE (percent of adults)

	Flatlands and Canarsie	Brooklyn	NYC	Lowest %
 Adults without health insurance	9%	12%	12%	3%* Stuyvesant Town and Turtle Bay
Adults without needed medical care	8%	10%	10%	3%* Bayside and Little Neck

\*Interpret estimate with caution due to small sample size.  
Source: NYC DOHMH, Community Health Survey, 2015-2016

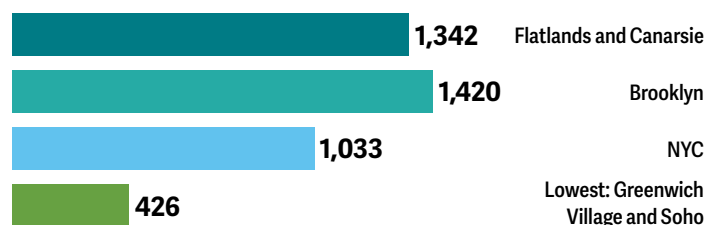
Health insurance can make it easier to get affordable primary care, which can help New Yorkers manage chronic conditions and stay healthy.

### Avoidable hospitalizations

"Avoidable hospitalizations" are those that could be prevented if adults had access to quality primary care. The rate of avoidable hospitalizations among adults in **Flatlands and Canarsie** is higher than the citywide rate.



#### AVOIDABLE HOSPITALIZATIONS AMONG ADULTS (per 100,000 adults)

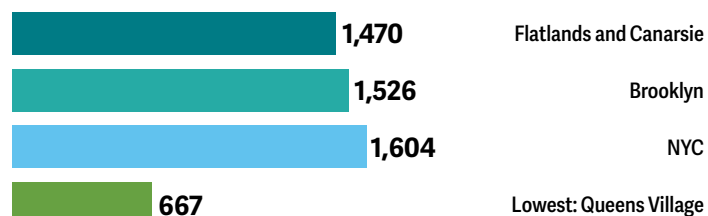


Source: New York State Department of Health, Statewide Planning and Research Cooperative System, 2014

### Fall-related hospitalizations

**Flatlands and Canarsie's** rate of fall-related hospitalizations among adults ages 65 and older is lower than the citywide average. The TCNY 2020 goal is fewer than 1,410 hospitalizations per 100,000 older adults citywide. <sup>o</sup>

#### FALL-RELATED HOSPITALIZATIONS AMONG OLDER ADULTS (per 100,000 adults ages 65 and older)



Source: New York State Department of Health, Statewide Planning and Research Cooperative System, 2012-2014

<sup>o</sup> Take Care New York 2020 (TCNY 2020) is the City's blueprint for giving everyone the chance to live a healthier life. For more information, visit [nyc.gov/health](https://nyc.gov/health) and search for **TCNY**.



## Health Care

Influenza (flu) and pneumonia are the third leading causes of death in NYC. Everyone ages 6 months and older should get the flu vaccine every year.

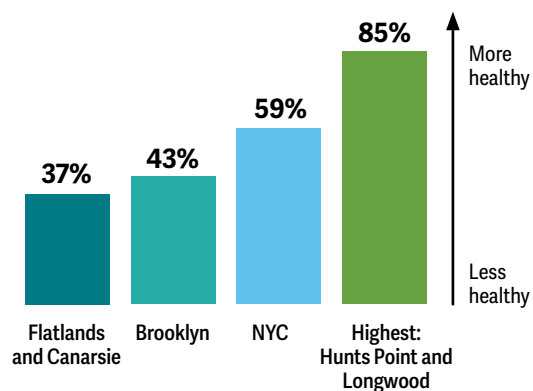
### Vaccinations

The human papillomavirus (HPV) vaccine protects against cancers caused by HPV. The vaccine is recommended for all children between the ages of 11 and 12. Thirty-seven percent of teens ages 13 to 17 in **Flatlands and Canarsie** receive all recommended doses of the HPV vaccine. Two out of five **Flatlands and Canarsie** adults report getting a flu vaccine in the past 12 months, similar to the rest of NYC.



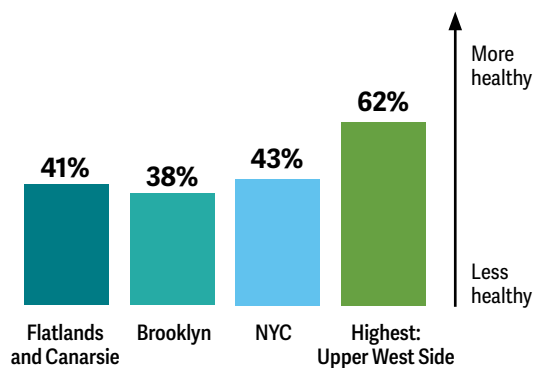
#### HPV VACCINATION

(percent of teens ages 13 to 17 who received all recommended doses of the vaccine)



#### FLU VACCINATION

(percent of adults)



Sources: HPV Vaccination: NYC DOHMH, Citywide Immunization Registry, 2017; Flu Vaccination: NYC DOHMH, Community Health Survey, 2015-2016






## Health Outcomes

### Obesity, diabetes and hypertension

**Flatlands and Canarsie's** adult obesity rate is 30%, which is similar to the rest of NYC. The TCNY 2020 goal is to reduce the obesity rate to less than 23% citywide.<sup>5</sup> More than 700,000 adult New Yorkers have been told they have diabetes. An additional 164,000 are estimated to have diabetes but not be aware. Fourteen percent of **Flatlands and Canarsie** adults have been diagnosed with diabetes and 37% of adults have been told they have hypertension. The rate of diabetes in this community is similar to the NYC average, while the rate of hypertension is higher.

#### OBESITY, DIABETES AND HYPERTENSION (percent of adults)

	Flatlands and Canarsie	Brooklyn	NYC	Lowest %
 Obesity	30%	27%	24%	4% Financial District, Greenwich Village-Soho
 Diabetes	14%	12%	11%	3% Financial District, Greenwich Village-Soho
 Hypertension	37%	29%	28%	15% Financial District, Greenwich Village-Soho

**Obesity can lead to diabetes, high blood pressure and other health conditions.**

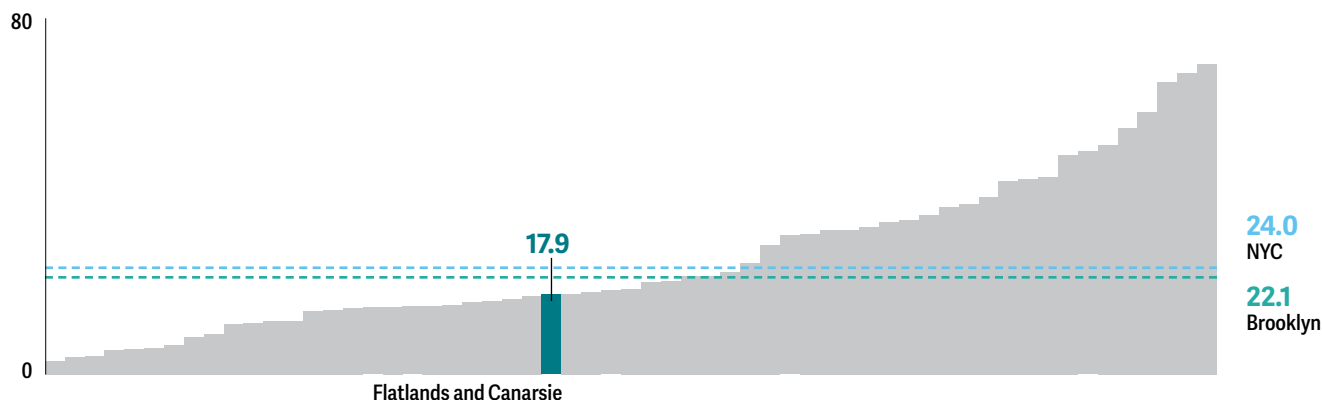
**Hypertension, also known as high blood pressure, is a leading risk factor for heart disease and stroke.**

Source: NYC DOHMH, Community Health Survey, 2015-2016

### New HIV diagnoses

Getting an HIV test is the first step to accessing treatment if you are positive or developing an HIV prevention strategy if you are negative.

#### NEW HIV DIAGNOSES (per 100,000 people)



Source: NYC DOHMH, HIV/AIDS Surveillance Registry, 2016

<sup>5</sup> Take Care New York 2020 (TCNY 2020) is the City's blueprint for giving everyone the chance to live a healthier life. For more information, visit [nyc.gov/health](https://nyc.gov/health) and search for **TCNY**.



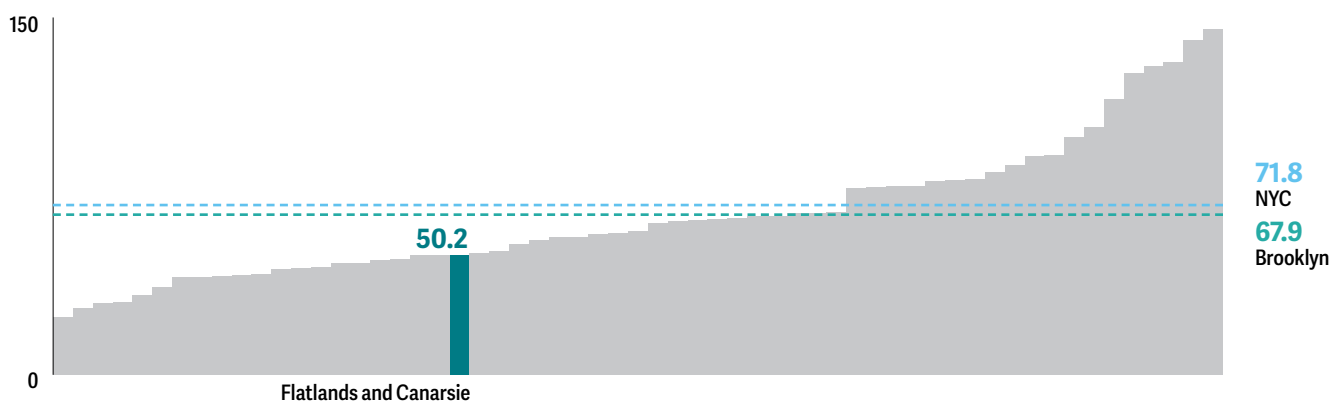


## Health Outcomes

### New hepatitis C reports

Hepatitis C is a virus that damages the liver. New Yorkers born between 1945 and 1965 and people who have ever injected drugs should be tested because hepatitis C can be cured.

#### NEW HEPATITIS C REPORTS (per 100,000 people)

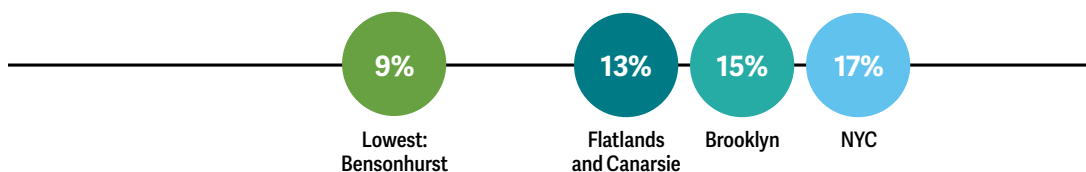


Source: NYC DOHMH, Communicable Disease Surveillance Registry, 2016

### Binge drinking

Binge drinking is linked to high-risk behaviors and chronic health problems. The binge drinking rate in **Flatlands and Canarsie** is similar to the rest of NYC. The TCNY 2020 goal is to reduce binge drinking to less than 17% citywide.

#### BINGE DRINKING (percent of adults)



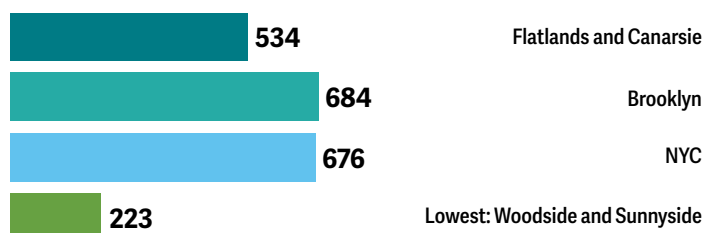
Note: Binge drinking is defined as five or more drinks for men and four or more drinks for women on one occasion during the past 30 days.  
Source: NYC DOHMH, Community Health Survey, 2015-2016

### Psychiatric hospitalizations

The rate of adult psychiatric hospitalization in **Flatlands and Canarsie** is lower than the citywide rate.

High psychiatric hospitalization rates likely reflect the challenges residents in underresourced neighborhoods face, including difficulty accessing preventive services and early care, greater exposure to stressors and interruptions in health insurance coverage.

#### PSYCHIATRIC HOSPITALIZATIONS (per 100,000 adults)



Source: New York State Department of Health, Statewide Planning and Research Cooperative System, 2015

Take Care New York 2020 (TCNY 2020) is the City's blueprint for giving everyone the chance to live a healthier life. For more information, visit [nyc.gov/health](https://nyc.gov/health) and search for TCNY.

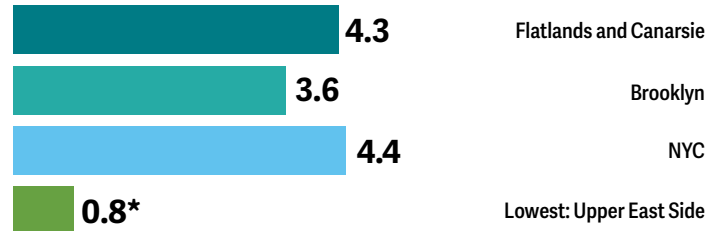


## Health Outcomes

### Infant mortality

NYC's infant mortality rate has declined in recent years. In **Flatlands and Canarsie** the infant mortality rate is similar to the citywide rate. The TCNY 2020 goal is a citywide rate of less than 4.4 per 1,000 live births. <sup>o</sup>

#### INFANT MORTALITY (per 1,000 live births)



\*Interpret estimate with caution due to small number of events.

Source: NYC DOHMH, Bureau of Vital Statistics, 2013-2015

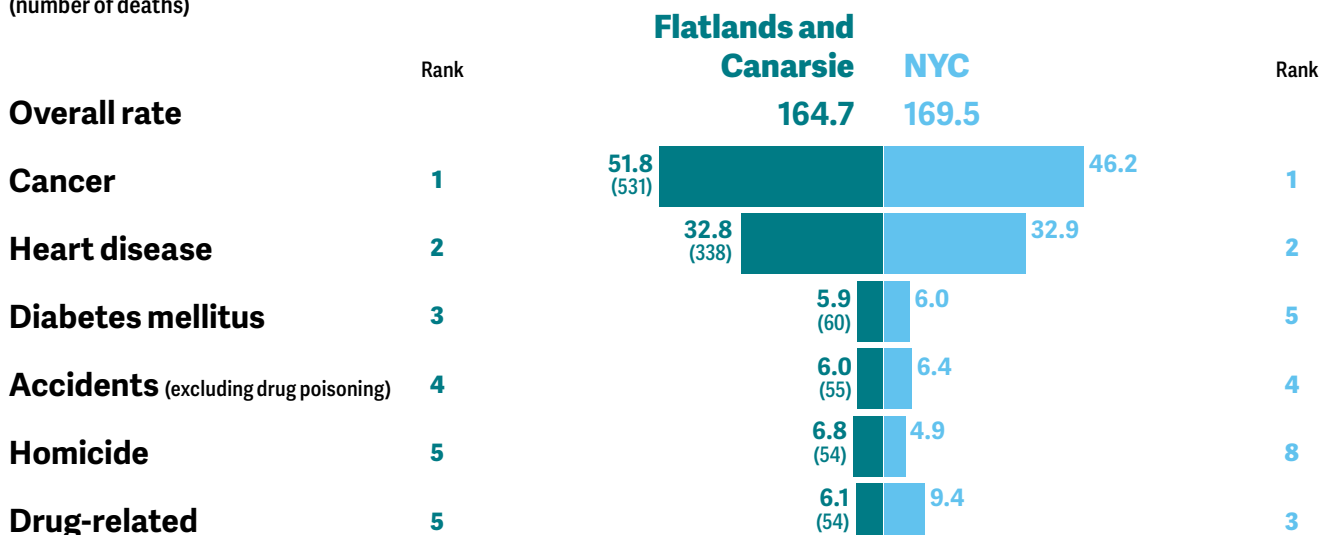
### Premature death

Cancer and heart disease are the leading causes of premature death (death before the age of 65) in **Flatlands and Canarsie**, similar to the rest of NYC. **Flatlands and Canarsie** residents die prematurely at a similar rate to residents citywide. Lung cancer, breast cancer (among women) and colorectal cancer are the three leading causes of cancer-related premature death in **Flatlands and Canarsie**.

**NYC's premature mortality rate (death before age 65) decreased 19% from 2006 to 2015. However, longstanding disparities persist. People living in high-poverty neighborhoods and Black New Yorkers are dying before age 65 at higher rates.**

### TOP CAUSES OF PREMATURE DEATH

rate of death before age 65 per 100,000 people  
(number of deaths)



Note: NYC rate includes premature deaths among NYC residents only and will differ from other published sources.

Source: NYC DOHMH, Bureau of Vital Statistics, 2011-2015

<sup>o</sup> Take Care New York 2020 (TCNY 2020) is the City's blueprint for giving everyone the chance to live a healthier life. For more information, visit [nyc.gov/health](https://nyc.gov/health) and search for **TCNY**.



## Notes

### Neighborhood Definitions

The 59 Community Districts (CDs) were established citywide by local law in 1975. For a complete listing of all CDs and their boundaries, visit [communityprofiles.planning.nyc.gov](https://communityprofiles.planning.nyc.gov). The CDs correspond to NYC Community Boards, which are local representative bodies. The names of neighborhoods within CDs are not officially designated. The names used in this document are not an exhaustive list of all known neighborhood names within this area.

### Analyses

For most data, 95% confidence intervals were calculated for CD, borough and NYC estimates. If the confidence intervals did not overlap, a significant difference was inferred. This is a conservative measure of statistical difference. For most population-level data, if a CD rate was within 5% of the NYC estimate, the CD was considered similar to NYC, otherwise the CD rate was considered higher or lower than the NYC estimate. For Community Health Survey data, a t-test comparing the CD with the rest of NYC and the rest of the borough was conducted where p-values  $\leq 0.05$  were considered an indication of statistical significance. Report text highlights significant findings but does not include all significant results. The [public use dataset](#) contains additional data.

**For a complete dataset including numbers, rates and confidence intervals, as well as more technical notes on neighborhood definitions, analyses and data sources with complete citations, visit [nyc.gov/health](https://nyc.gov/health) and search for Community Health Profiles or visit [on.nyc.gov/chp](https://on.nyc.gov/chp).**

Most estimates were evaluated for statistical stability. Estimates with a relative standard error (RSE) > 30% or with a small sample size or small numbers of events ( $\leq 10$ ) are flagged as follows: "Interpret estimate with caution due to small number of events or small sample size."

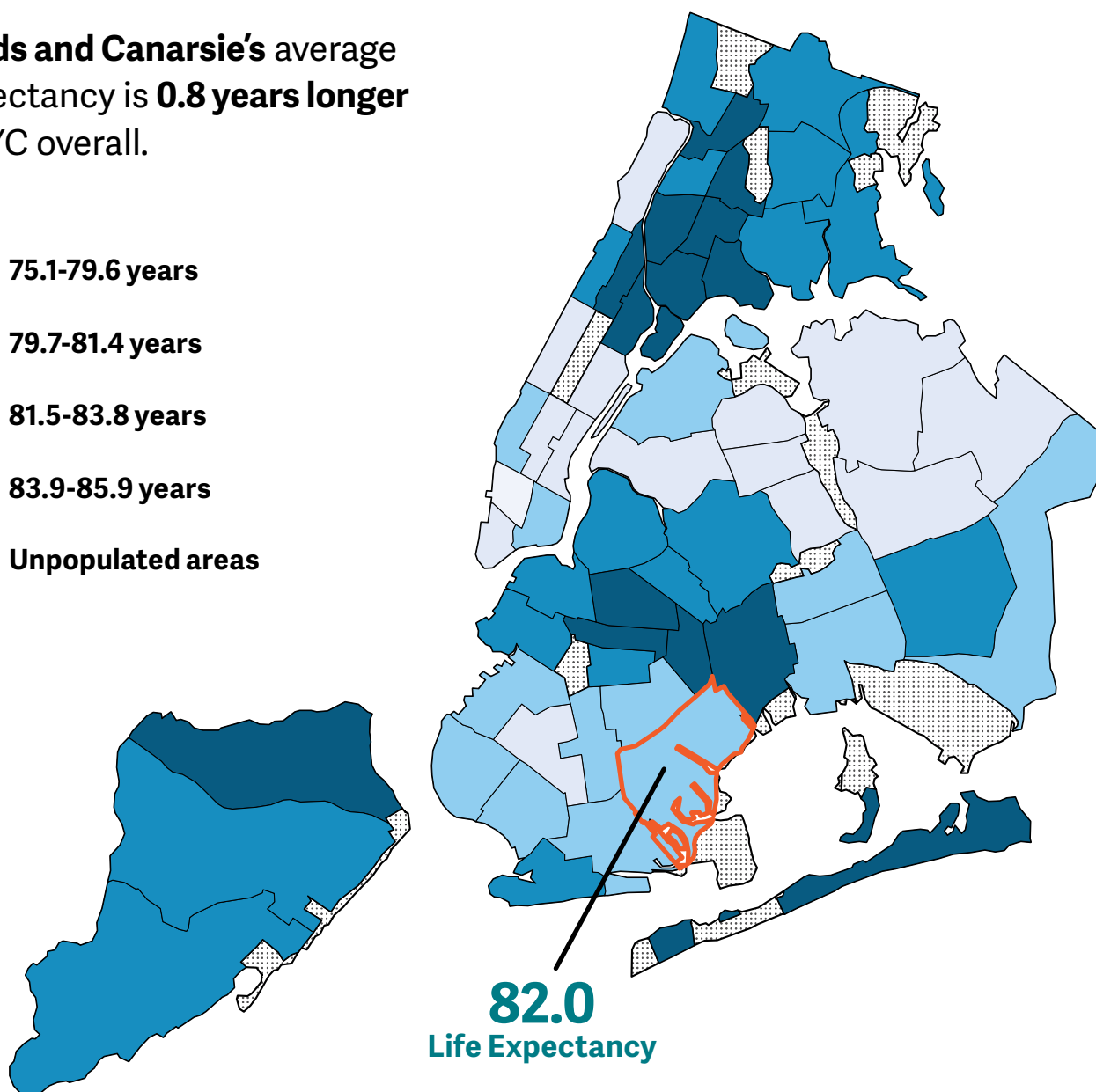
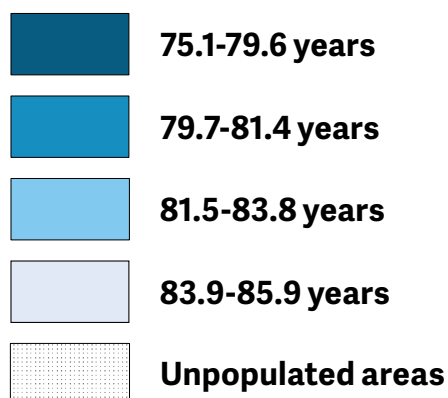
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## Life Expectancy by Community District

**Flatlands and Canarsie's** average life expectancy is **0.8 years longer** than NYC overall.



Source: NYC DOHMH,  
Bureau of Vital Statistics, 2006-2015

**Want more maps?** Please visit [nyc.gov](https://nyc.gov) and search for **Community Health Profiles Atlas**.

### Contact information:

For reports on the other 58 Community Districts, please visit [nyc.gov](https://nyc.gov) and search for **Community Health Profiles** or email [profiles@health.nyc.gov](mailto:profiles@health.nyc.gov).  
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The NYC Community Health Profiles feature information about 59 neighborhoods in NYC.

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