



# RED HOOK COMMUNITY HEALTH

OCTOBER 2018

*Welcome to Red Hook mural by Groundswell located at the corner of Hamilton Avenue and West 9<sup>th</sup> Street.*

## **Data Review – Agency and Organization Data**

The Red Hook Community Health Needs and Assets Assessment team looked at community data from different agencies and organizations, and identified missing data needing further exploration. Over the course of the assessment new data and tools became available. Some data in this summary has been updated from the original data the CHNAA team reviewed in summer and fall 2017.

**Many thanks to all of the community residents and organizations that helped make this assessment possible.**

## MORE INFORMATION

For more information about this project please contact the Red Hook Community Health Needs and Assets Assessment (CHNAA) team:



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# RED HOOK: DATA GEOGRAPHY

Census tract data provides the most specific information about Red Hook, but not a lot of information is available at this level. CBOs collect information specific to Red Hook, but the information usually does not represent the whole Red Hook community. Community District, United Hospital Fund Neighborhood, School District, PUMA and NYC Housing Vacancy Survey Sub-borough Neighborhood information includes other Brooklyn neighborhoods.

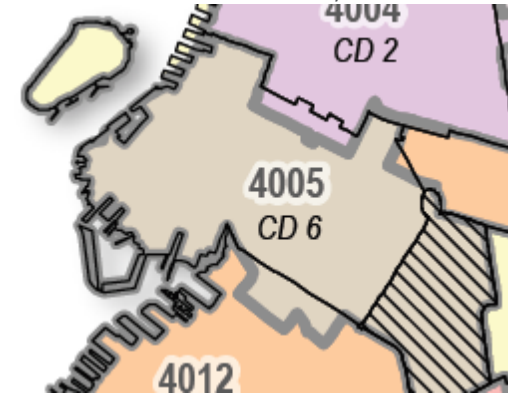
Census Tracts 53, 59, 85



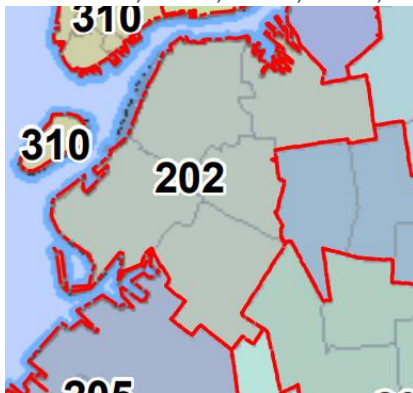
Neighborhood Tabulation Area BK33  
Carroll Gardens – Columbia Street – Red Hook



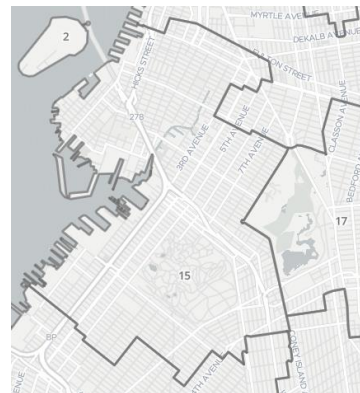
Community District 6 + PUMA 4005  
(used interchangeably in data presentation as CD for ease of use)



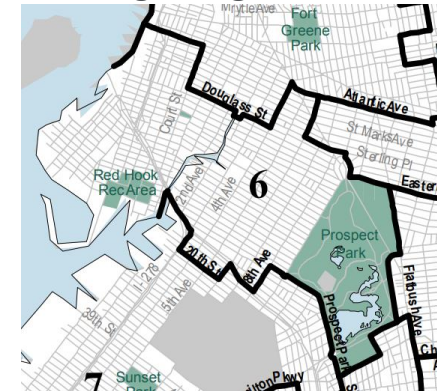
United Hospital Fund Neighborhood  
Area 202 - Downtown Brooklyn/Heights/ Slope,  
zip codes 11201, 11205, 11215, 11217, 11231



School District 15



NYC Housing Vacancy Survey Sub-borough Neighborhood 6



# TOPICS

- Community Composition
- Income + Employment + Education
- Safety + Violence + Crime
- Housing + Indoor Environment
- Outdoor + Built Environment
- Pregnancy + Birth
- Early Childhood
- Youth Connectedness + Risk Behaviors
- Older Adults
- Overall Health
- Access to Care
- Asthma
- Nutrition + Physical Activity
- Obesity + Overweight
- Diabetes
- Heart Health
- Mental Health
- Smoking
- Alcohol + Substance Use

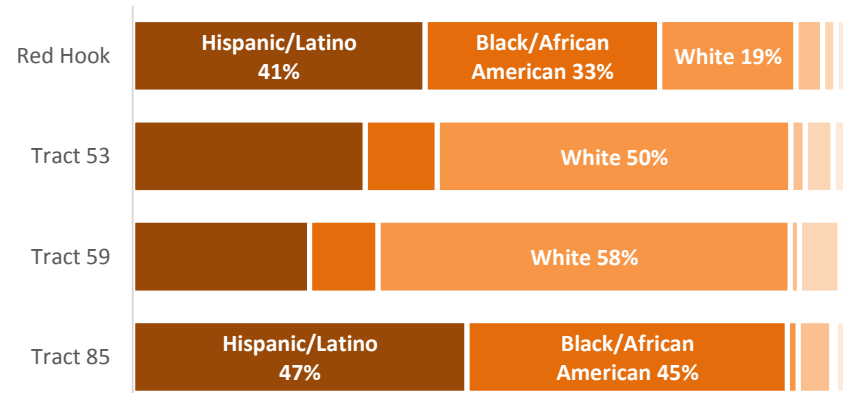
# COMMUNITY COMPOSITION

The population in Red Hook has stayed about the same. 66% of Red Hook residents live in Census Tract 85. The race and ethnicity of Red Hook residents varies by Census Tract. For example, 45% of Tract 85 residents identify as Black or African American, compared to approximately 10% in Tract 53.

Total Population (2012-2016 ACS; 2006-2010 ACS)

	RED HOOK	Tract 53	Tract 59	Tract 85
Total Population (2012-2016)	<b>11,102</b>	22%	13%	66%
Total Population (2006-2010)	<b>10,973</b>	19%	11%	71%

Ethnicity + Race (2012-2016 ACS)



Age (2012-2016 ACS)

	NYC	BK	Red Hook	Tract 53	Tract 59	Tract 85
Population under 18	21%	23%	<b>23%</b>	19%	17%	26%
Population 65 years and older	13%	12%	<b>11%</b>	6%	10%*	13%

\*Data is estimate, potentially unreliable.

	RED HOOK	Tract 53	Tract 59	Tract 85
Ethnicity: Hispanic	<b>41%</b>	33%*	25%*	47%
American Indian/ Alaskan Native	<b>0%*</b>	0%*	0%*	0%*
Asian	<b>4%*</b>	2%*	1%*	5%*
Black African American	<b>33%</b>	10%*	10%*	45%
Native Hawaiian/ Other Pacific Islander	<b>0%*</b>	0%*	0%*	0%*
White	<b>19%</b>	50%	58%	2%*
Some other race	<b>2%*</b>	2%*	1%*	2%*
Two or more races	<b>2%*</b>	4%*	6%*	1%*

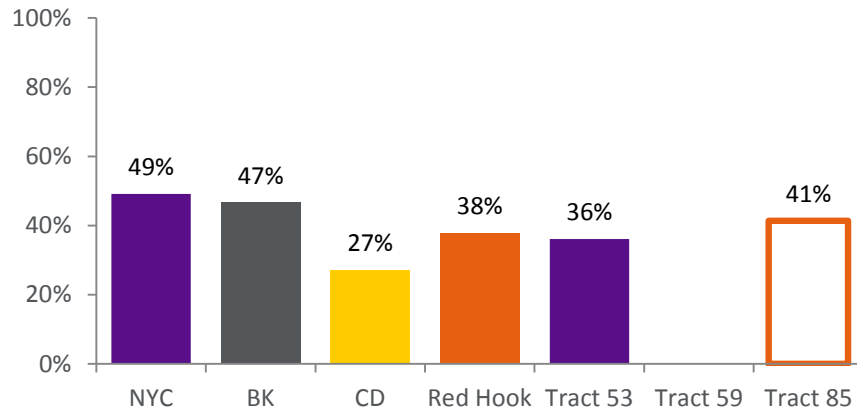
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# COMMUNITY COMPOSITION

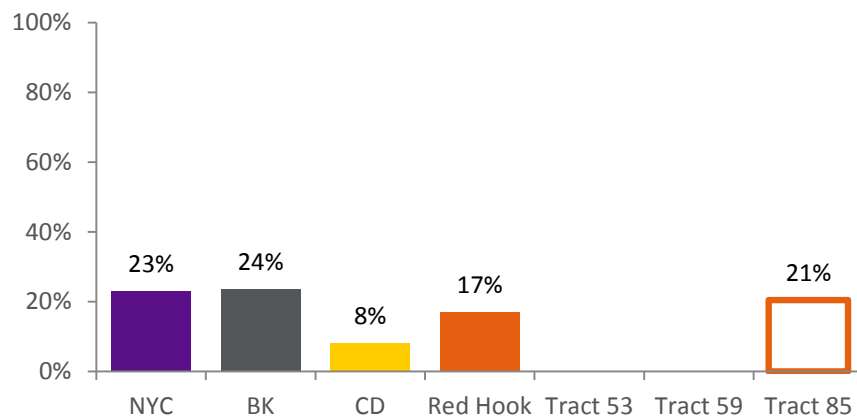
About 40% of Red Hook residents speak a language other than English at home. English proficiency in Red Hook is about the same as NYC as a whole.

Residents who speak a language other than English at home 5 years old and older (2011-2015 ACS)

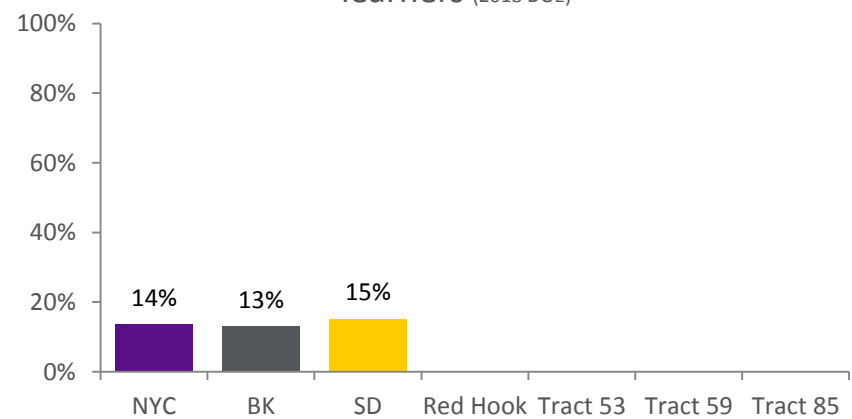


- 31% of Red Hook residents speak Spanish at home
- The data for residents who speak an Asian or Pacific Island language at home is unreliable

Adults who speak English less than "very well" (2012-2016 ACS)



School-aged youth who are English language learners (2018 DOE)

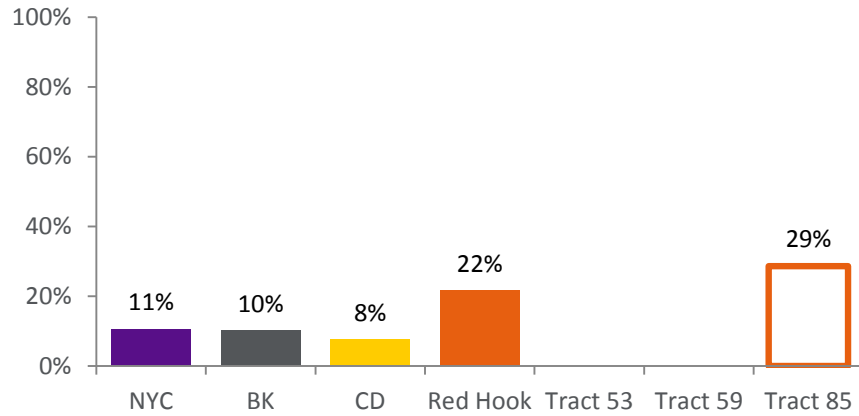


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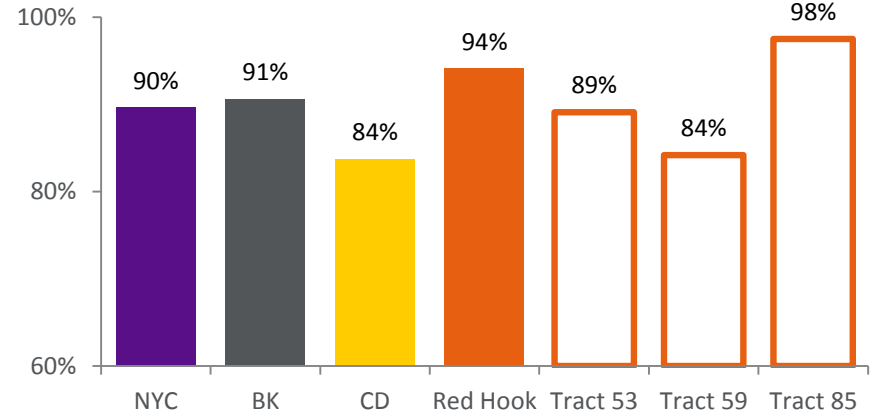
# COMMUNITY COMPOSITION

1 in 5 Red Hook residents have a disability. Overall, most Red Hook residents are living in the same house as they had in the previous year.

Total population with a disability  
among non-institutionalized civilians (2012-2016 ACS)



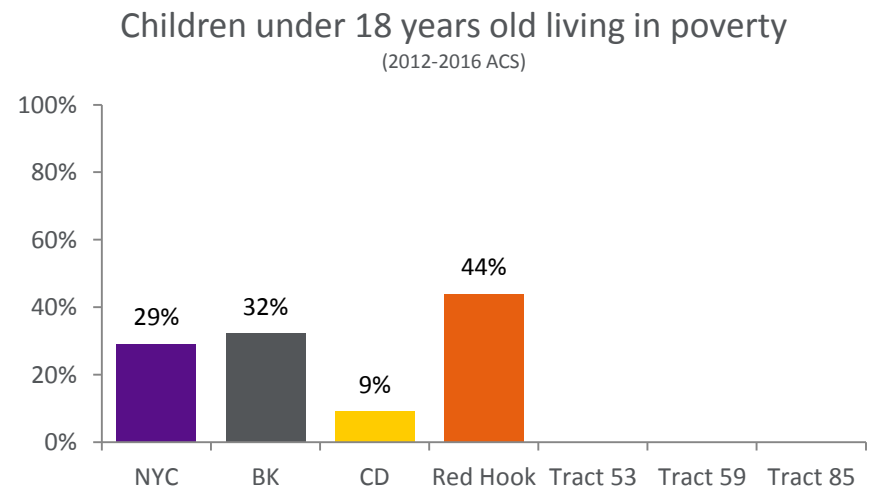
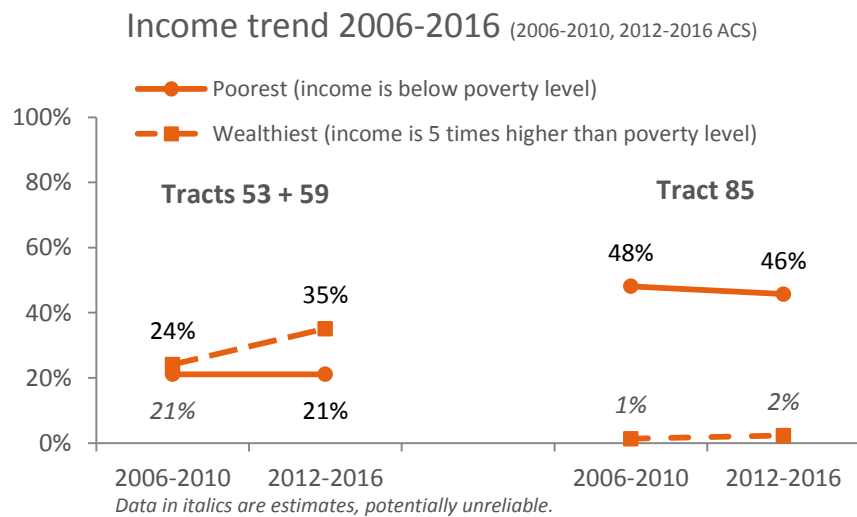
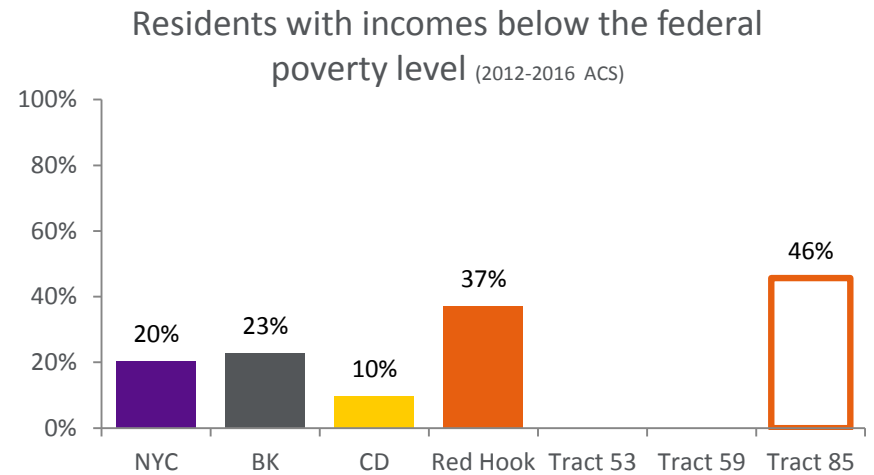
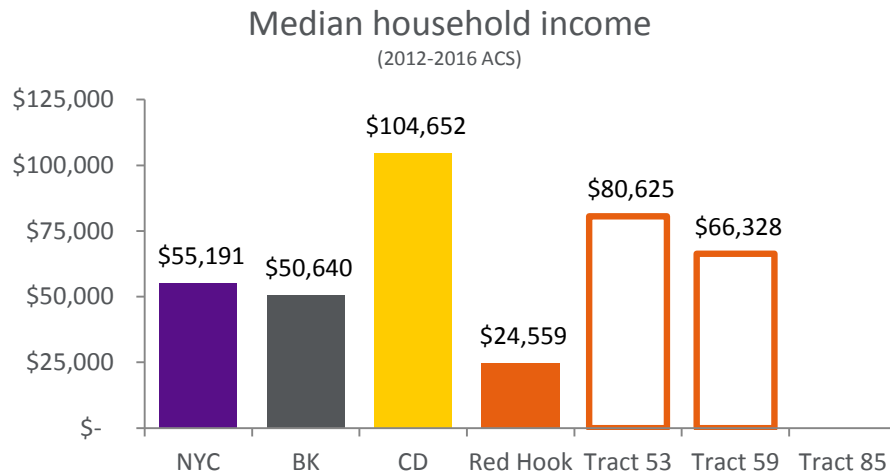
Residents living in the same house 1 year ago  
1 years old and older (2012-2016 ACS)



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# INCOME + EMPLOYMENT + EDUCATION

Income, employment and education rates within Red Hook vary. Some Red Hook residents have income, employment and education rates about the same or higher than NYC as a whole, and some Red Hook residents have lower rates. Overall, residents in Tract 85 have lower income, employment, and education rates, with more than half of households living below the federal poverty line. The percentage of residents with incomes at least five times higher than poverty level increased in Census Tracts 53 + 59 between 2006 and 2016.



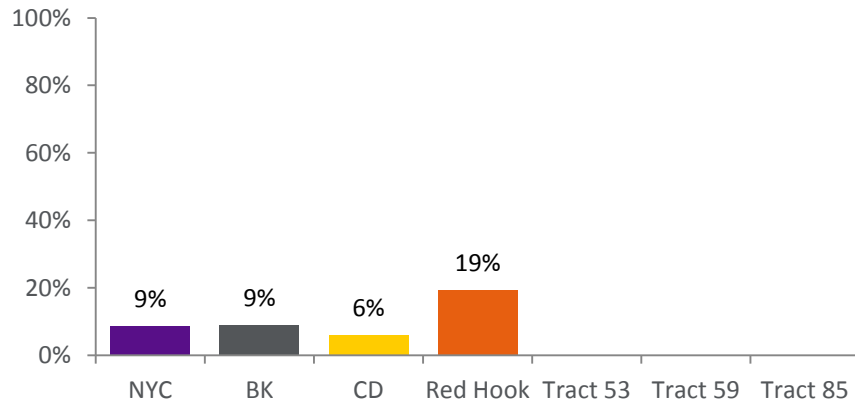
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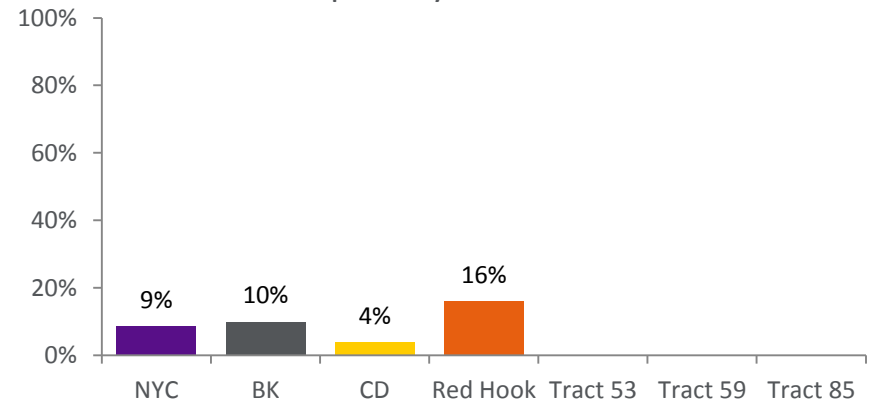
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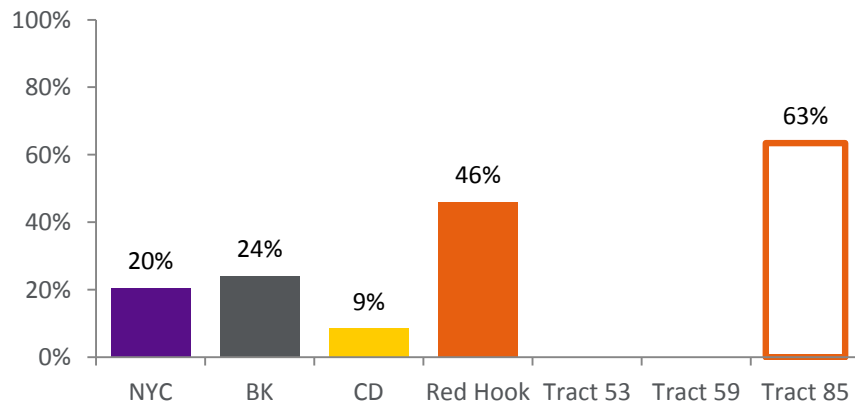
**Unemployment rate**  
among civilian labor force (2012-2016 ACS)



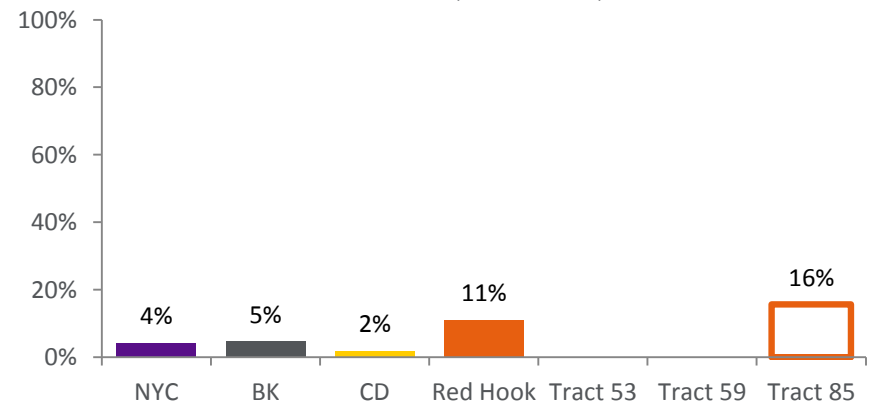
**Employed workers with incomes below the federal poverty level** (2012-2016 ACS)



**Households participating in SNAP**  
(2012-2016 ACS)



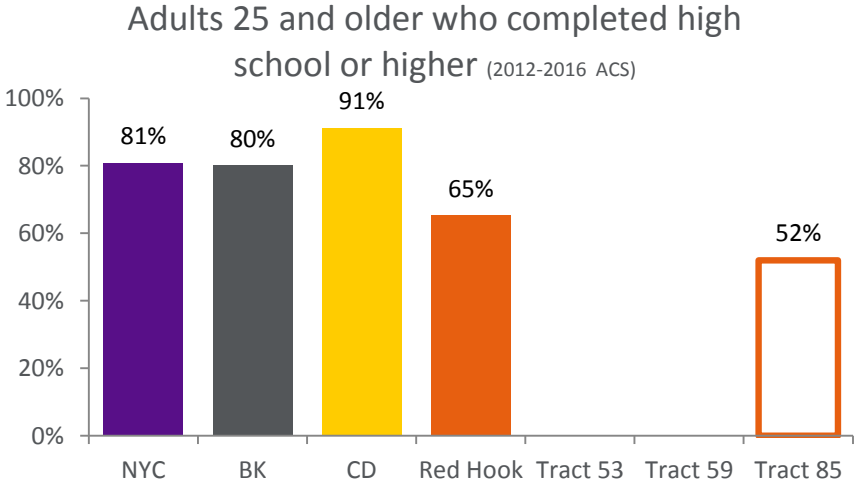
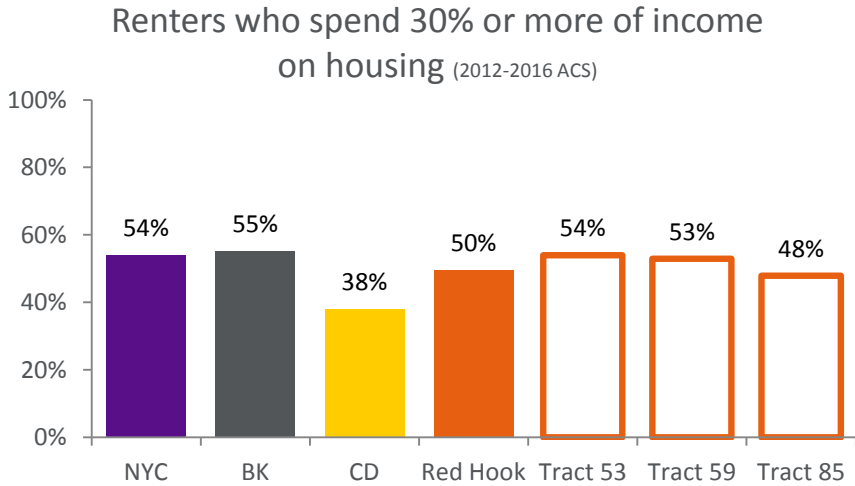
**Households receiving TANF and general assistance** (2012-2016 ACS)



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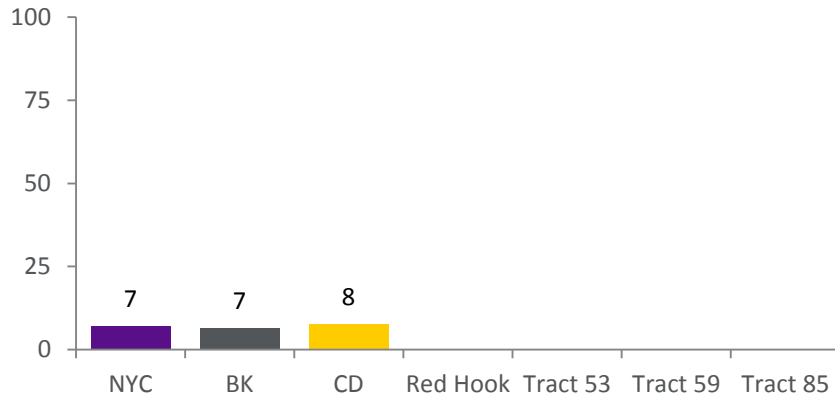
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# SAFETY + VIOLENCE + CRIME

Overall, Brooklyn crime rates are similar to NYC-wide rates. Community District 6 has a lower rate of violent crimes. The Red Hook Houses are one of 15 NYCHA developments that are part of the Mayor’s Action Plan for Neighborhood Safety. As a result of the Plan, violent crime decreased by 11% in participating NYCHA developments, compared to a 7% decrease citywide.

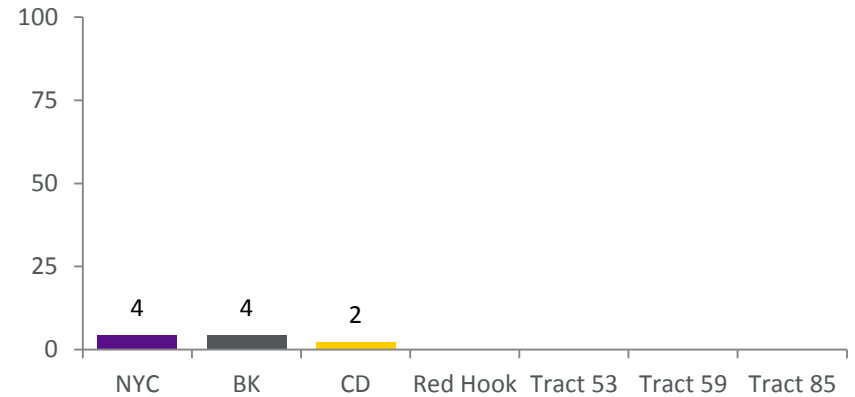
Serious property crime rate

per 1,000 residents (2017 Furman)

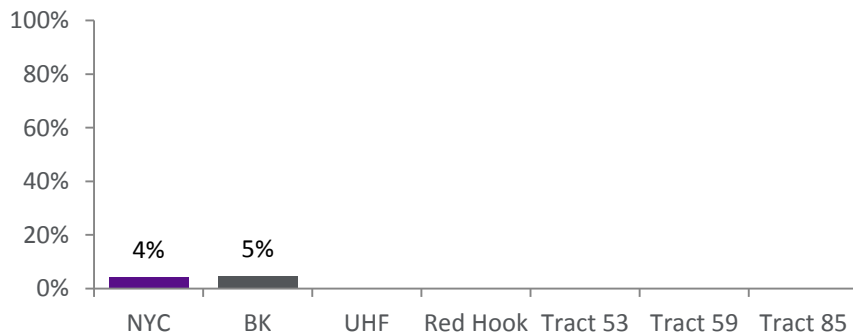


Serious violent crime rate

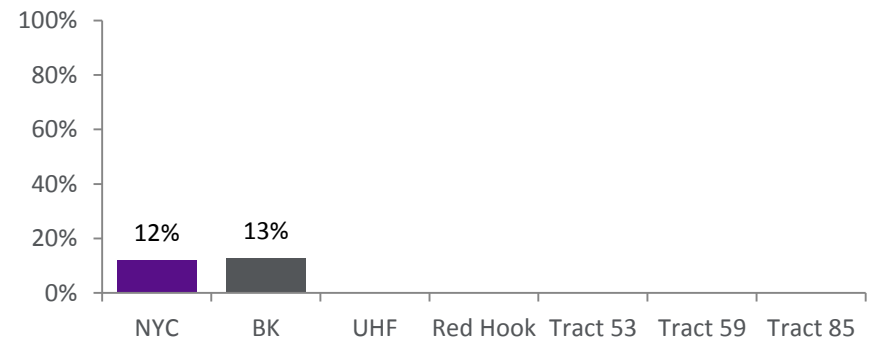
per 1,000 residents (2017 Furman)



Adults who have ever feared their intimate partner (2015 CHS)



Youth who have been purposely physically hurt by someone they were dating in the past year (2015 YRBS)

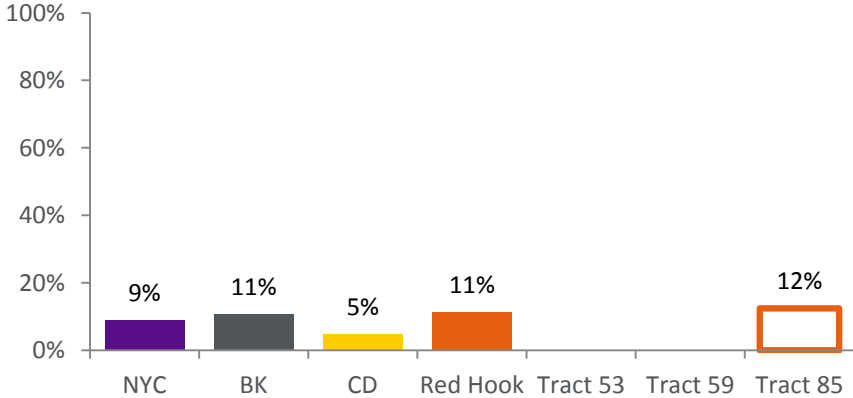


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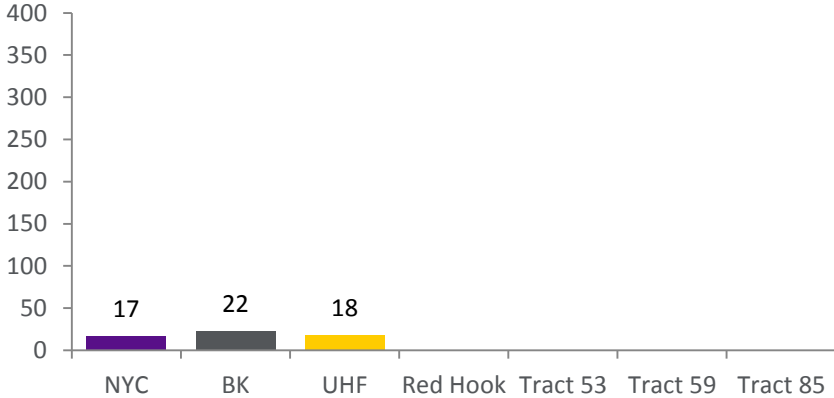
# HOUSING + INDOOR ENVIRONMENT

Overall, residents in Community District 6 report better and healthier housing conditions than other parts of NYC. Some parts of Red Hook have more overcrowding than NYC as a whole. See Asthma for additional indoor environment data.

Overcrowded housing units (2012-2016 ACS)



Children under 6 with elevated blood lead levels  $\geq 5$  ug/dL per 1,000 tested (2016 DOHMH HHP)



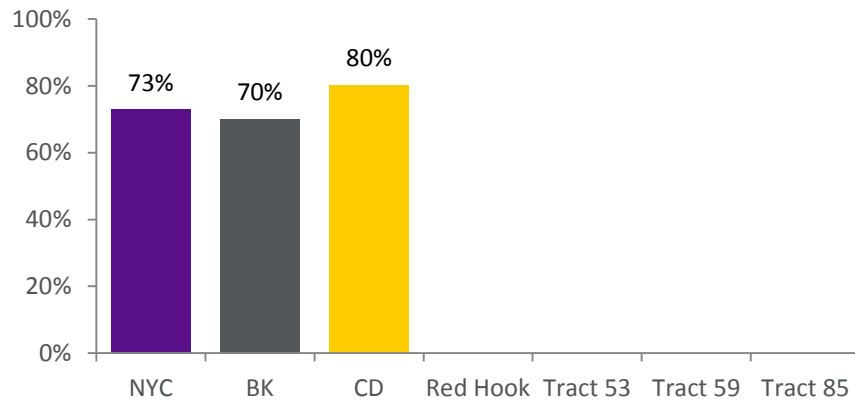
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# OUTDOOR + BUILT ENVIRONMENT

Overall, more homes in Community District 6 are near parks and subways than homes in other neighborhoods. However, we know that many Red Hook residents live more than ½ mile away from the subway. Emergency room visits for traffic-related bicycle injuries are higher in CD6 than NYC as a whole, and traffic density and fine particulate air pollution are slightly higher in CD6.

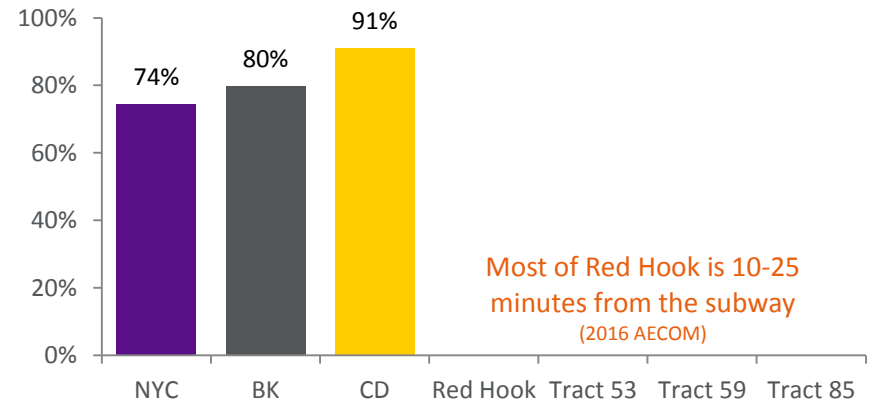
Homes within 1/4 mile of a park

(2017 Furman)

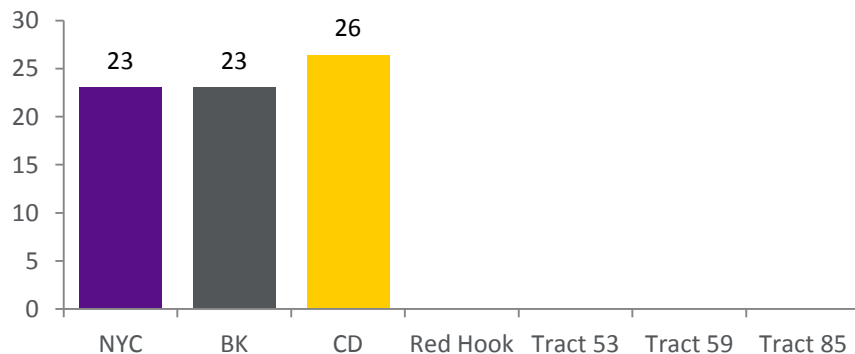


Homes within 1/2 mile of subway stop

(2017 Furman)

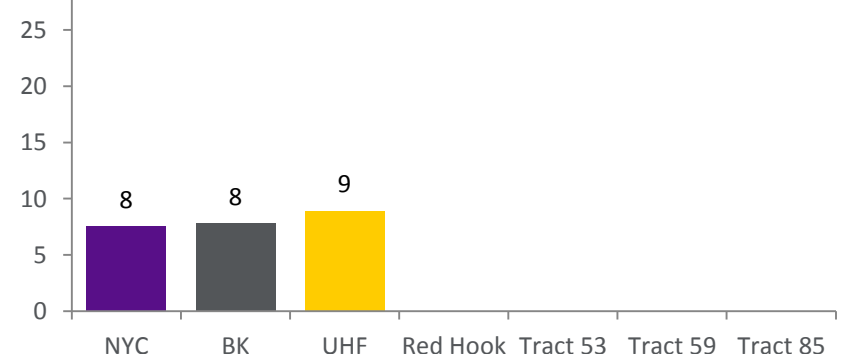


Annual miles travelled by vehicles (traffic density) million miles (2016 NYMTCBP)



Fine particulate air pollution that can get in your lungs and bloodstream

PM 2.5 mean micrograms/ cubic meter (2016 NYC Air Survey)

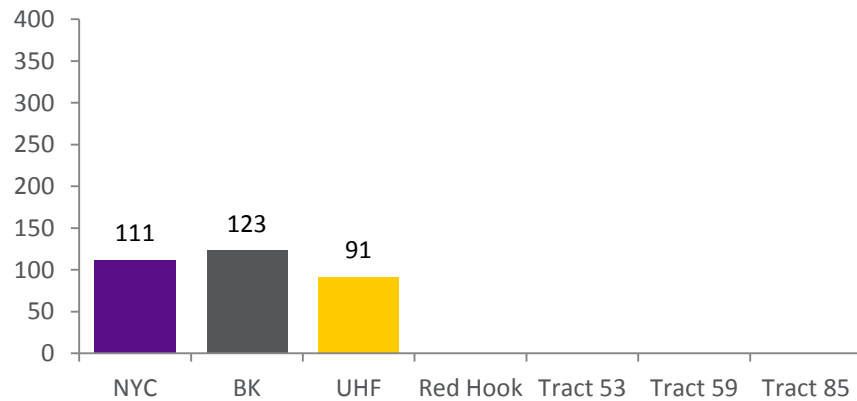


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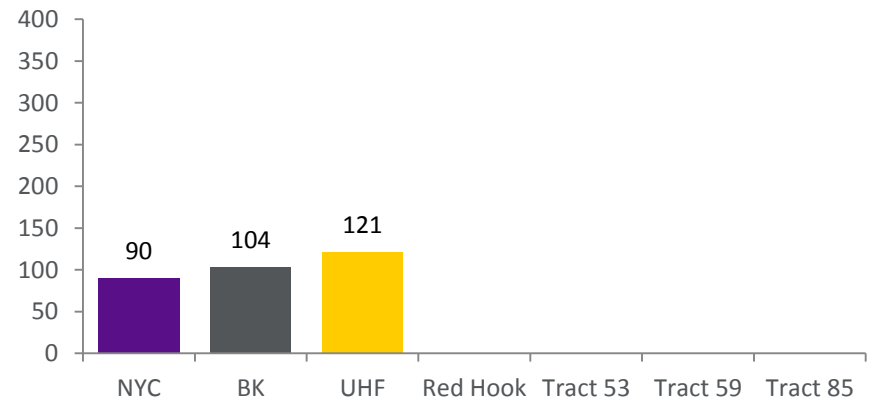
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ER visits for traffic-related pedestrian injuries  
per 100,000 (2010 SPARCS)



ER visits for traffic-related bicyclist injuries  
per 100,000 (2010 SPARCS)



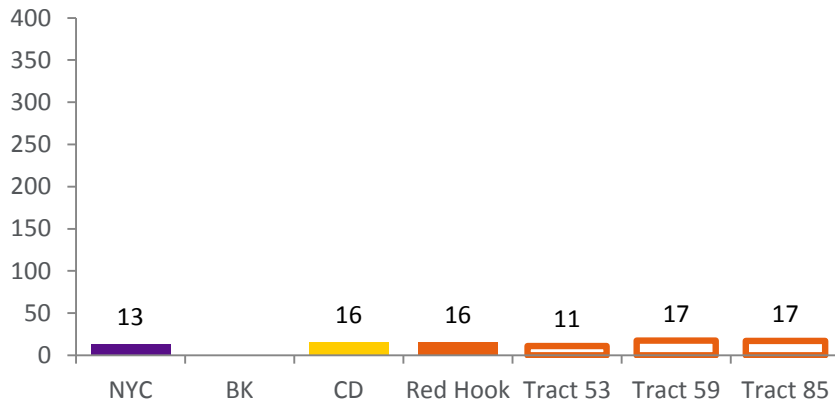
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# PREGNANCY + BIRTH

Overall, people who live in Community District 6 are more likely to have healthier pregnancies and birth outcomes than other parts of NYC. Red Hook has higher percentages of babies that are premature and babies with low birth weights. Births to teen mothers are 2-3 times higher in Census Tract 85 than NYC as a whole.

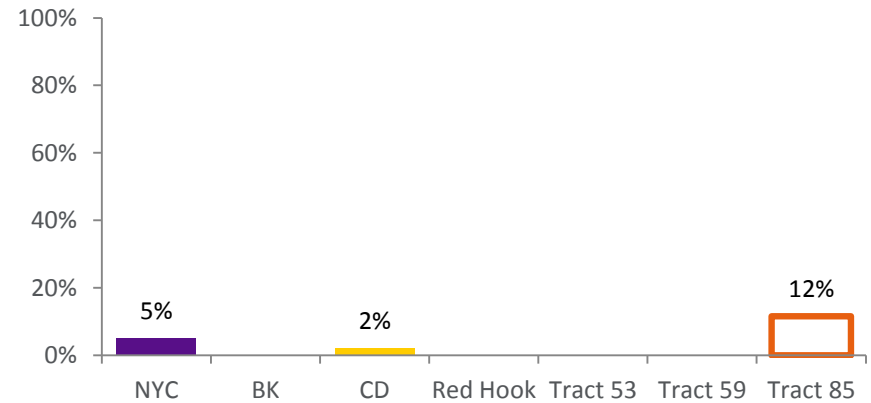
### Birth rate

live births per 1,000 population (2010-2014 DOHMH Vital Stats + ACS)



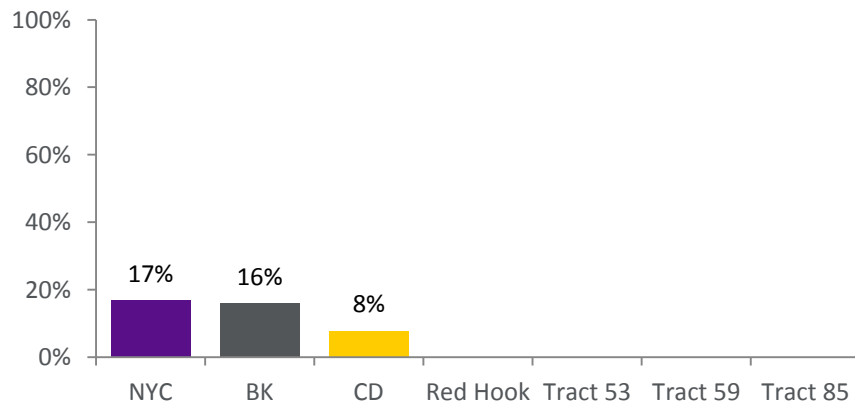
### Percent of births to teen mothers

(2010-2014 DOHMH Vital Stats)



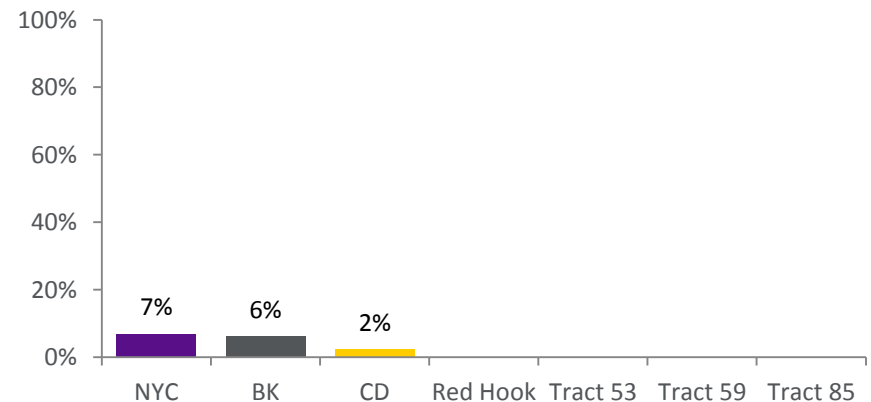
### Mothers who were obese before pregnancy

% of all live births (2016 DOHMH Vital Stats)



### Mothers who received late or no prenatal

% of all live births (2016 DOHMH Vital Stats)



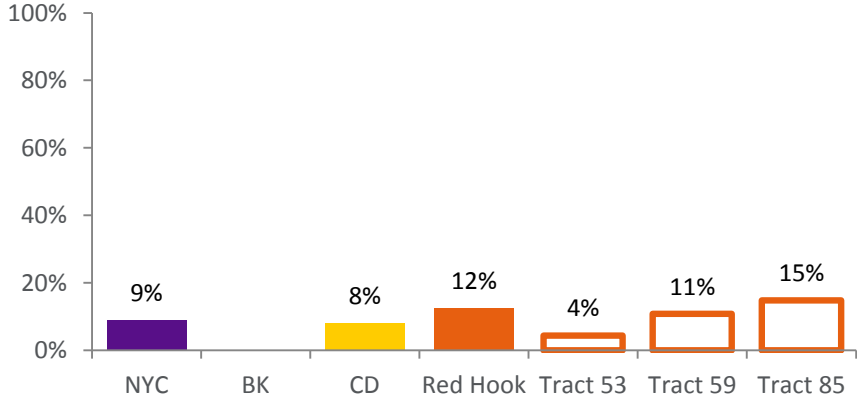
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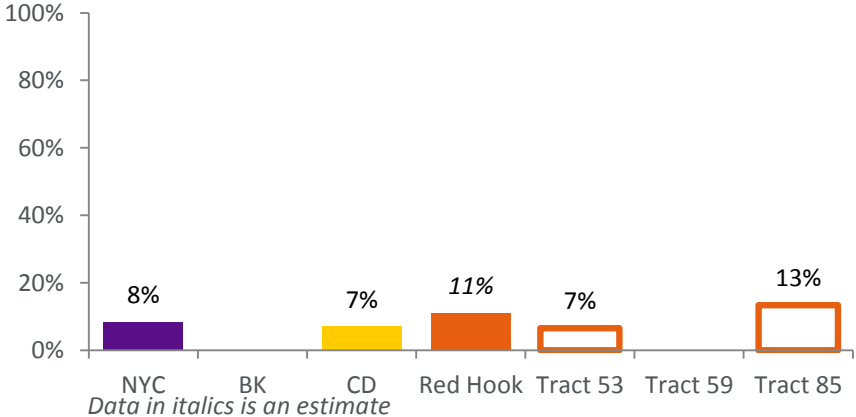
Premature births

(2010-2014 DOHMH Vital Stats)



Babies with low birth weight

(2010-2014 DOHMH Vital Stats)



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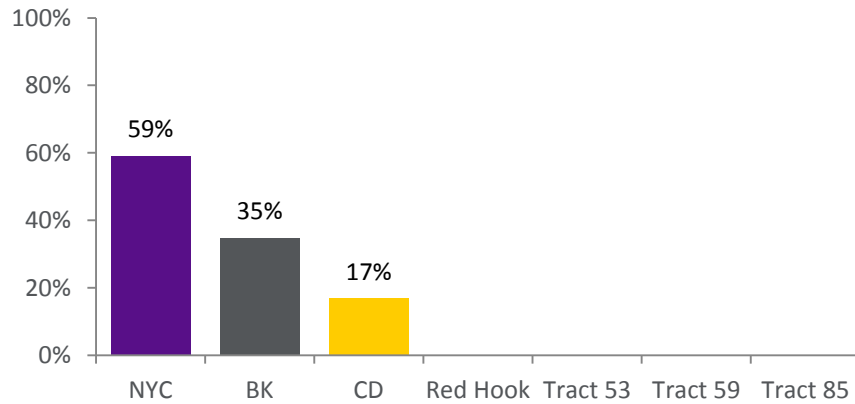


# EARLY CHILDHOOD

Almost 1 in 5 babies in Community District 6 are born into poverty. Early childhood program enrollment in Community District 6 is higher than NYC as a whole.

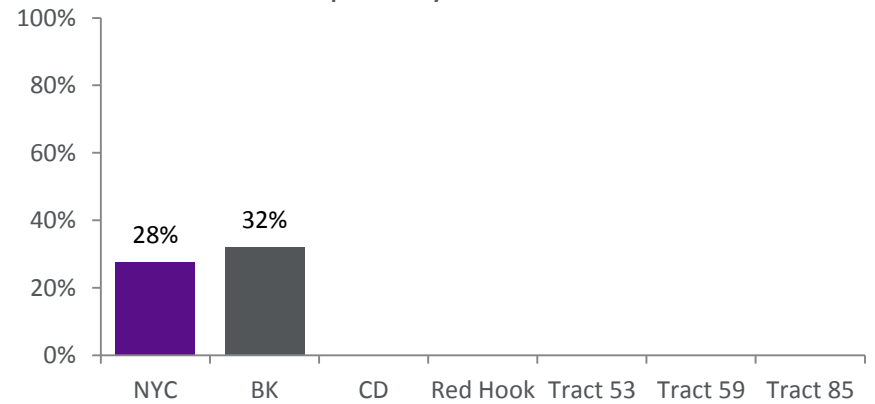
### Babies born into poverty

Live births with Medicaid/government as payor (2016 DOHMH Vital Stats)



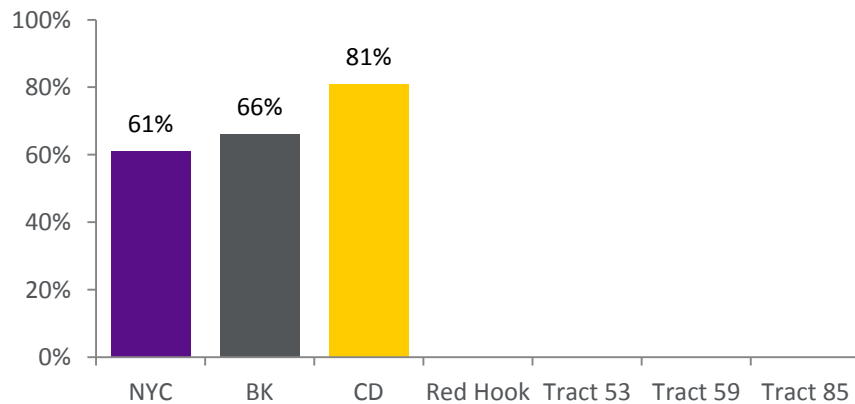
### Children under 5 years old living below the federal poverty level

(2012-2016 ACS)



### 3 and 4 year olds in school

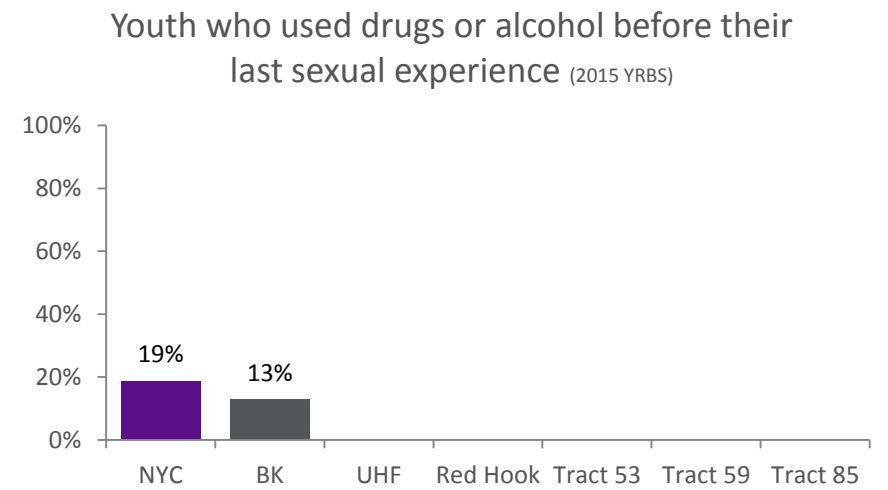
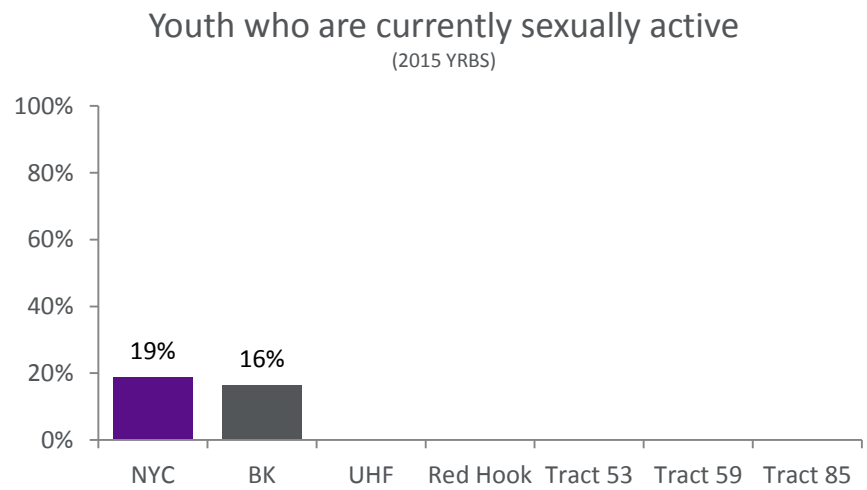
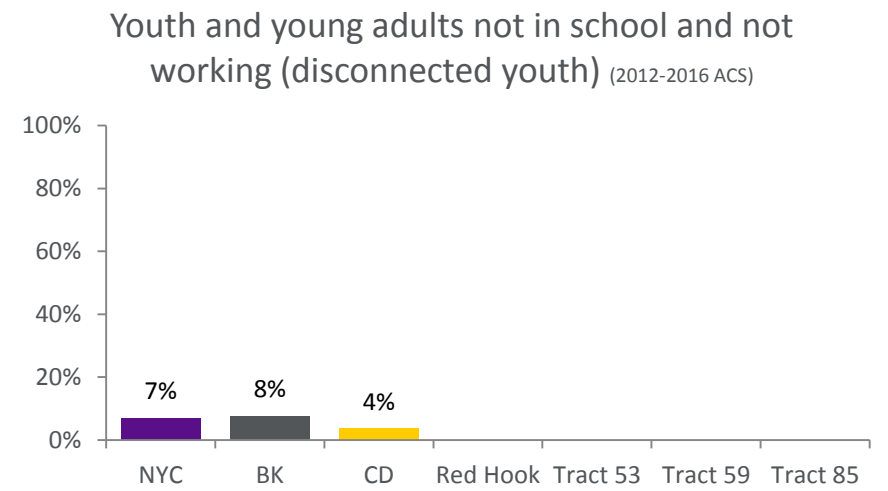
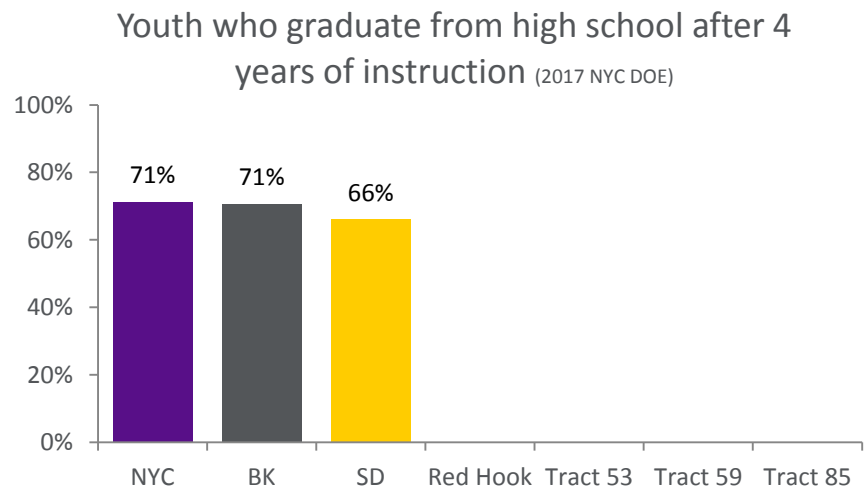
(2012-2016 ACS)



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# YOUTH CONNECTEDNESS + RISK BEHAVIORS

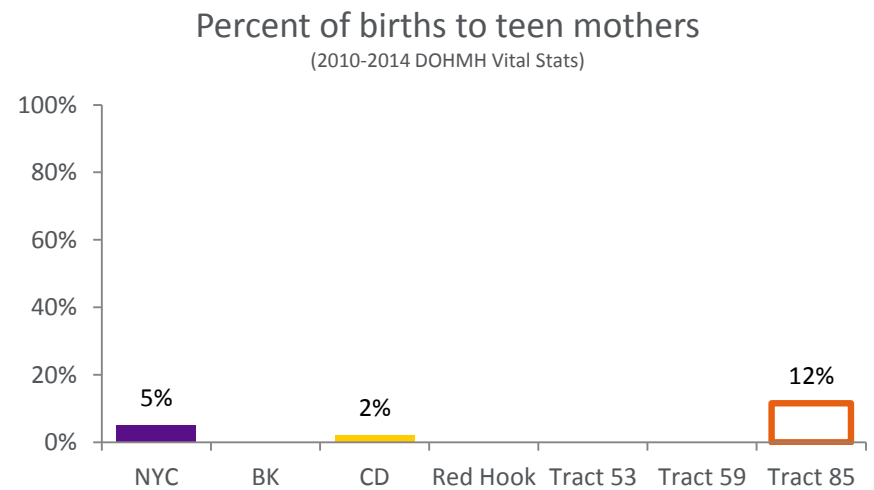
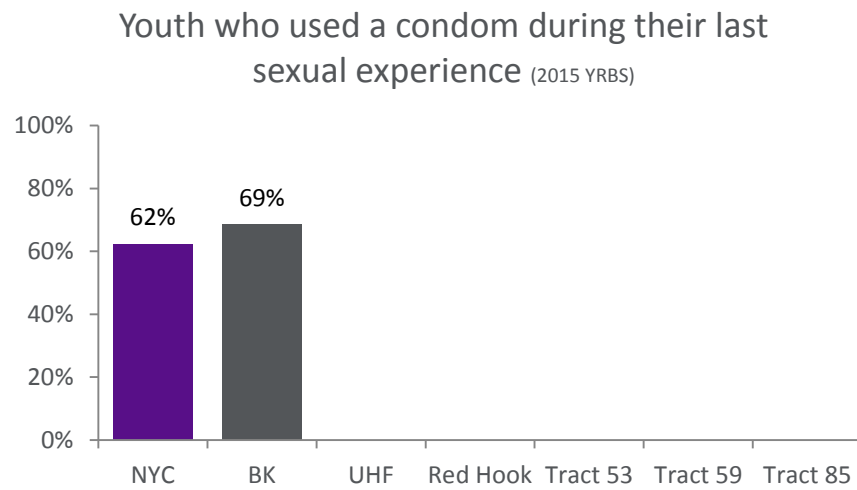
Overall, fewer youth living in Community District 6 engage in risky behaviors than other parts of NYC. There is limited Red Hook data available. Births to teen mothers is 2-3 times higher in Census Tract 85 than NYC as a whole.



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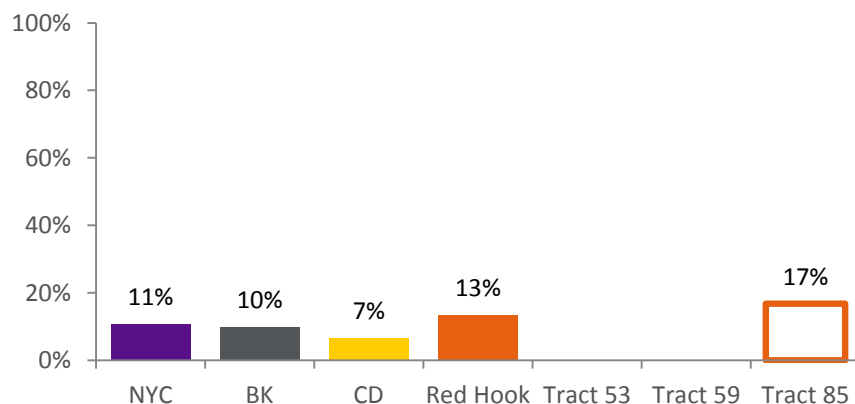


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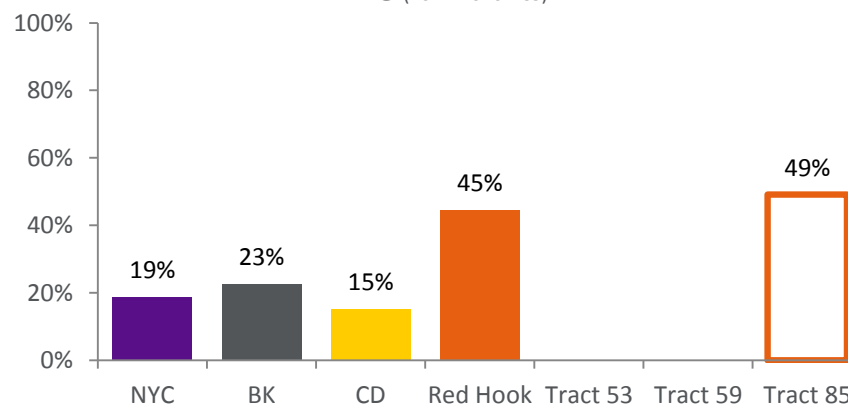
# OLDER ADULTS

Many more older adults in Red Hook live in poverty than NYC as a whole. Data suggests they may also have higher rates of preventable hospitalizations and hospital readmissions. The United Hospital Fund Neighborhood area that Red Hook is part of has the 8<sup>th</sup> highest rate of fall-related ER visits among older adults.

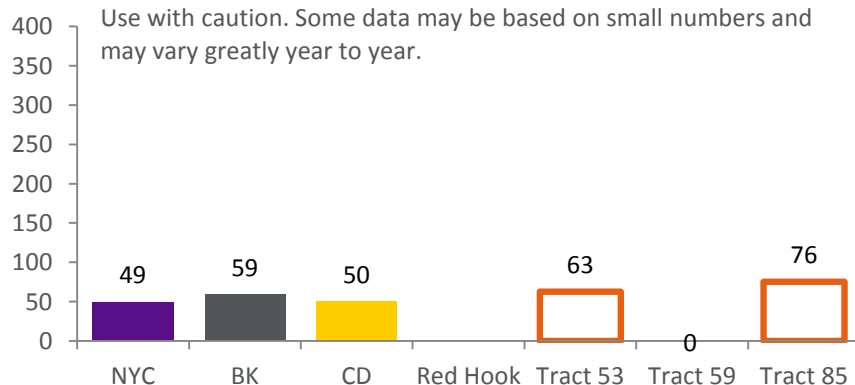
Older adults who live alone  
(2012-2016 ACS)



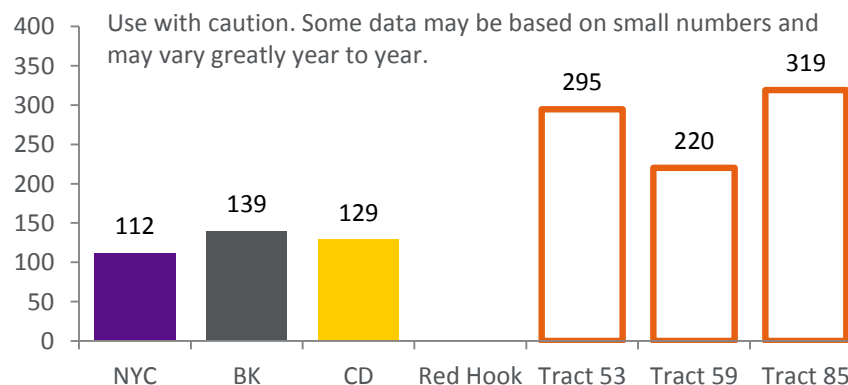
Older adults living below the federal poverty line  
(2012-2016 ACS)



Preventable hospitalizations for older adults  
65-74 years old per 1,000 (2011-2013 SPARCS)



Preventable hospitalizations for older adults  
75 years old and older per 1,000 (2011-2013 SPARCS)

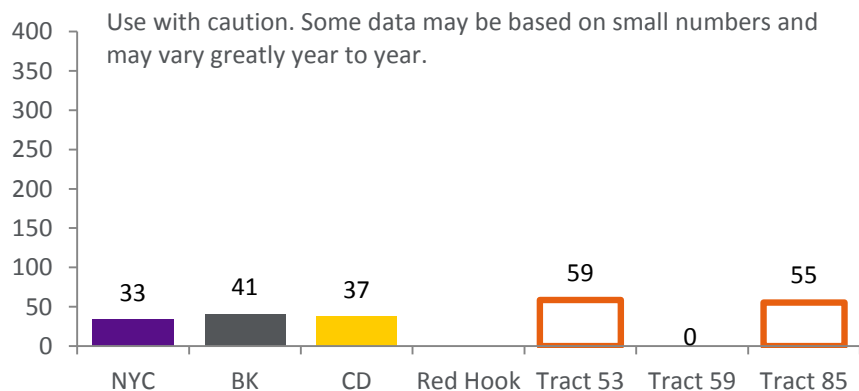


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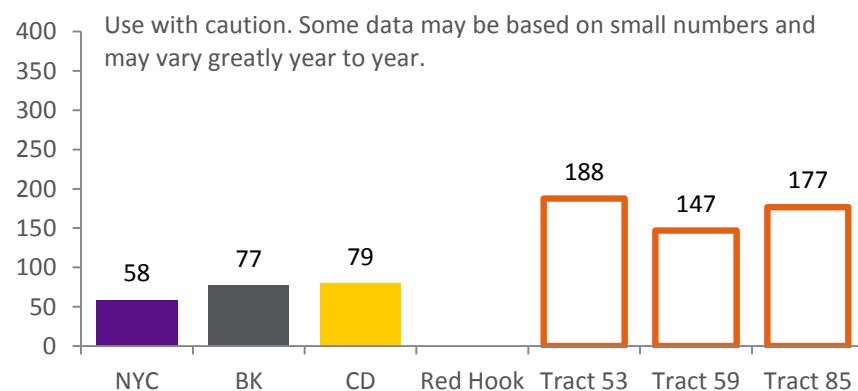
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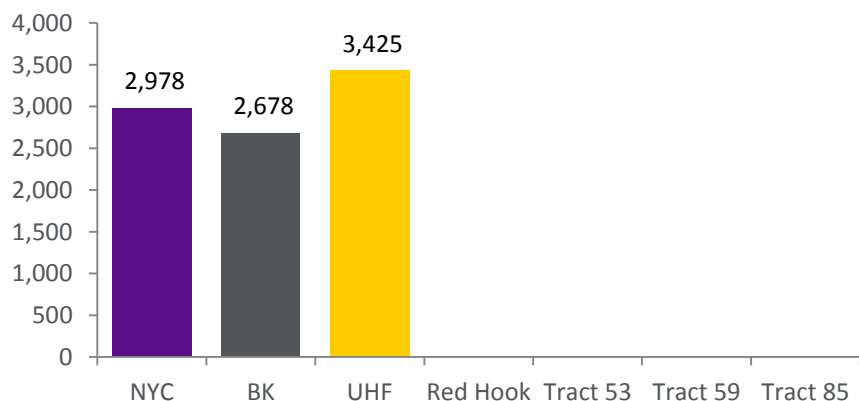
Hospital readmission rate for older adults 65-74 years old per 1,000 (2011-2013 SPARCS)



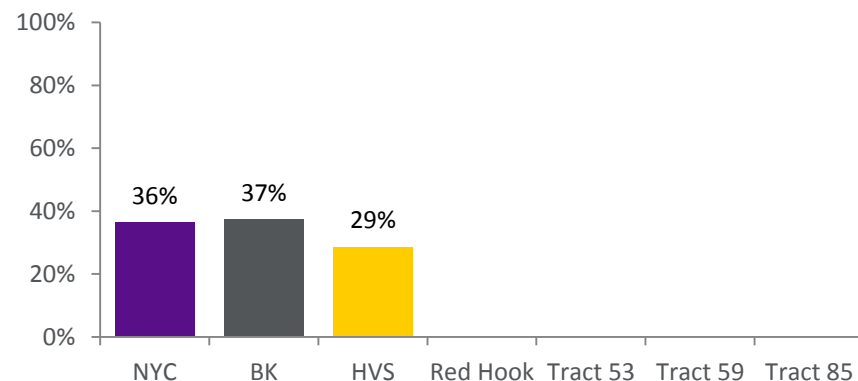
Hospital readmission rate for older adults 75 years old and older per 1,000 (2011-2013 SPARCS)



Older adult fall-related ER visits per 1,000 (2012 SPARCS)



Homes with older adults that have bathroom grab bars (2011 HVS)

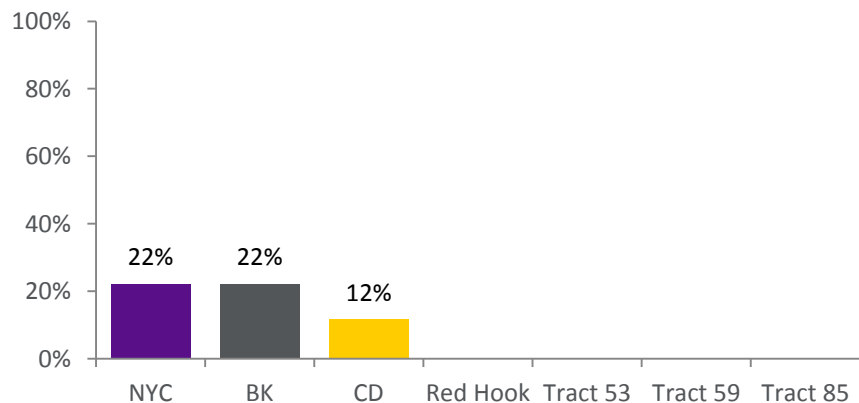


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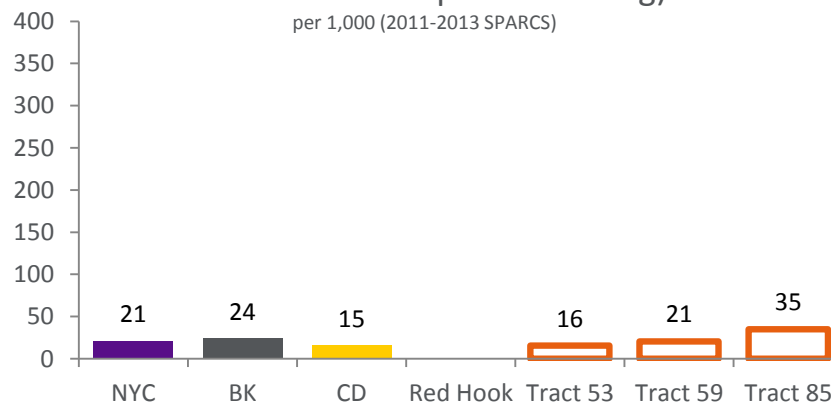
# OVERALL HEALTH

Residents of Community District 6 report better overall health than NYC as a whole. Red Hook residents living in Census Tract 85 are more than two times more likely to be hospitalized for issues that could have been treated or prevented in an outpatient setting than CD6 residents as a whole.

Adults who report fair or poor overall health  
(2015-2016 CHS)



Preventable hospitalizations (could have been treated in an outpatient setting)  
per 1,000 (2011-2013 SPARCS)



Top causes of death in Community District 6 (2016)

Heart Disease	128.9
Cancer	109.7
Diabetes	17.4
Alzheimer's Disease	16.5
Chronic Lower Respiratory Diseases	13.7

Rate per 100,000

Red Hook Houses residents: most prevalent health issues in the community (2009 RHI) \*

Asthma	1 <sup>st</sup>
High Blood Pressure	2 <sup>nd</sup>
Diabetes	3 <sup>rd</sup>

\*Use with caution; may not be a representative sample of all Red Hook Houses residents.

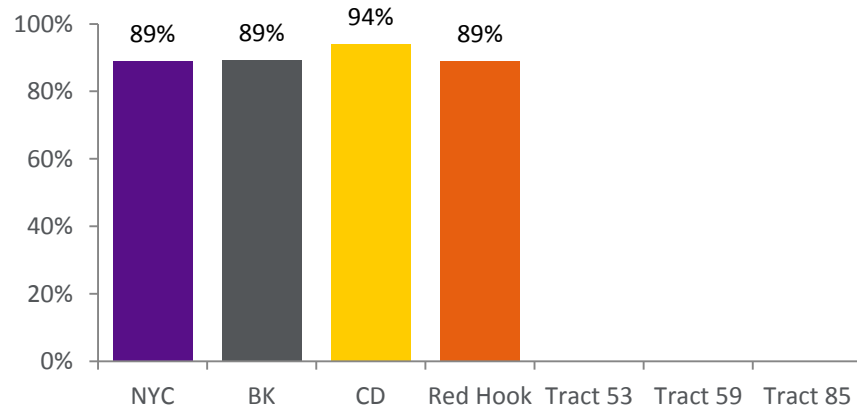
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# ACCESS TO CARE

People with health insurance are more likely to have a regular medical provider, receive regular care, and have better health; however, sometimes insurance is not enough to ensure access to care. While the number of Red Hook residents who have health insurance is the same as NYC as a whole, emergency room visits for issues that are not emergencies is higher in some parts of the community.

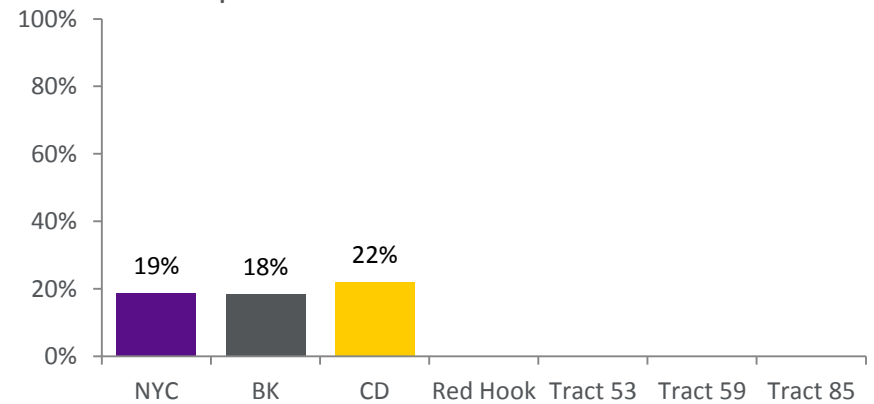
Residents with health insurance

(2012-2016 ACS)



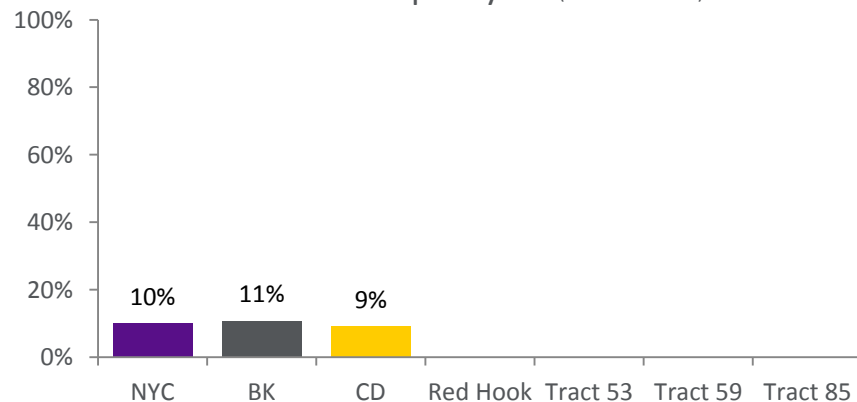
Adults who had a doctor's office or clinic not

accept their health insurance (2015-2016 CHS)



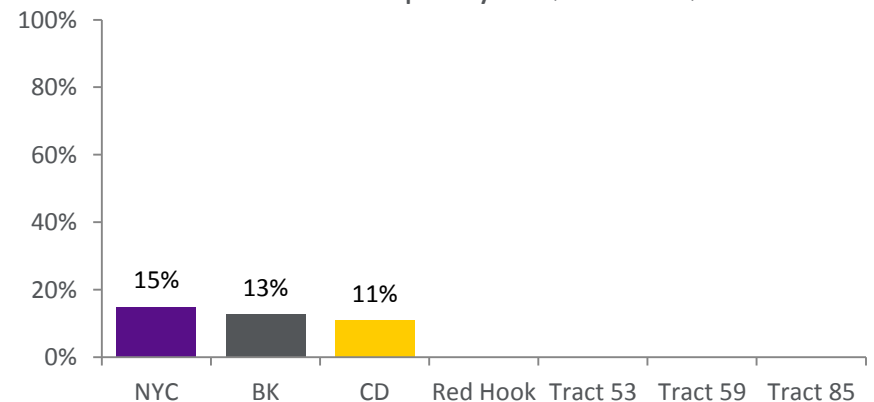
Adults who did not get medical care because

of cost in the past year (2015-2016 CHS)



Adults who did not get a prescription because

of cost in the past year (2015-2016 CHS)



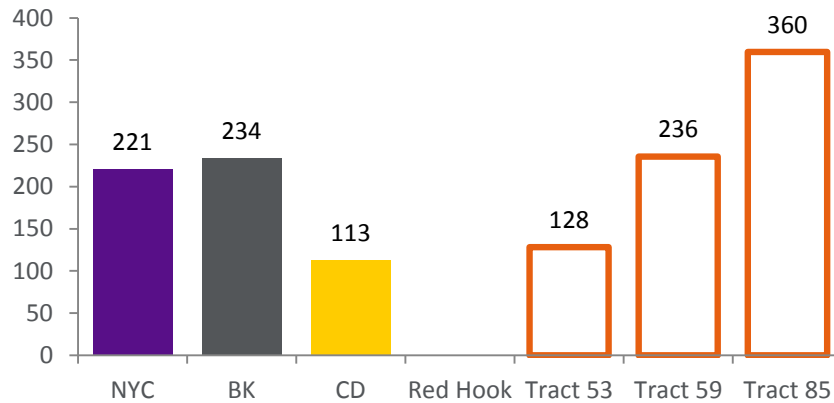
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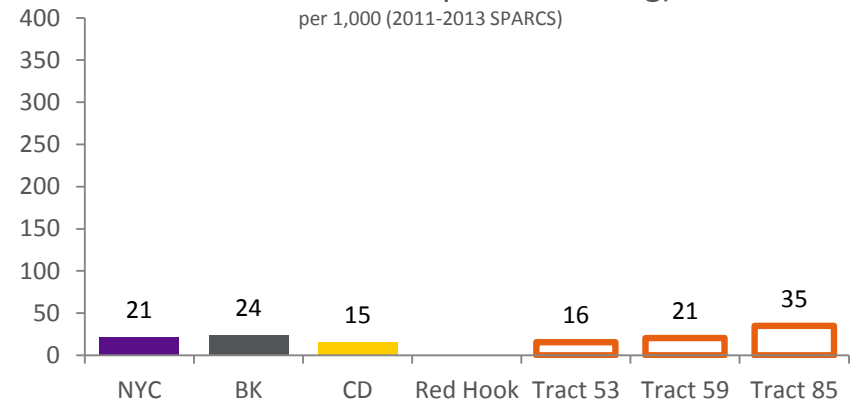
ER visits for issues that were not emergencies

per 1,000 (2011-2013 SPARCS)



Preventable hospitalizations (could have been treated in an outpatient setting)

per 1,000 (2011-2013 SPARCS)



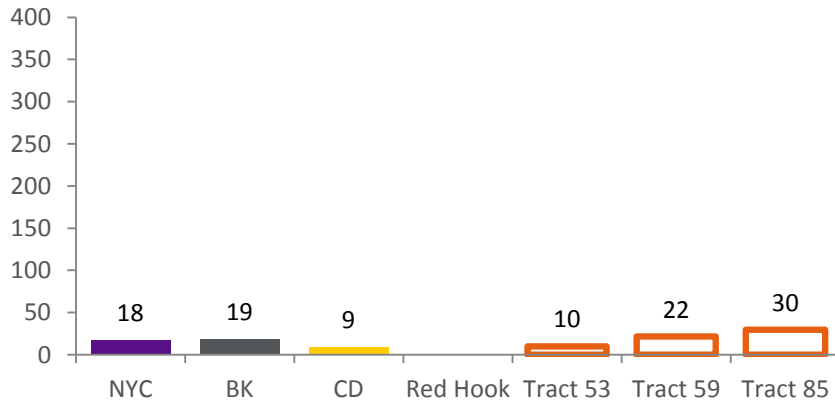
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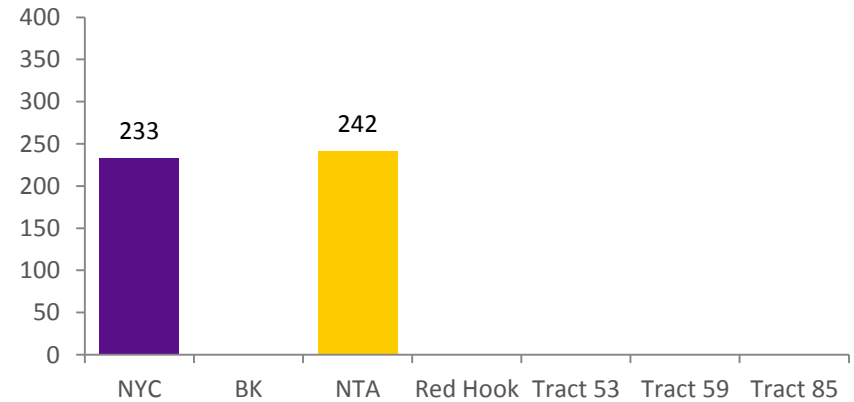
# ASTHMA

Emergency room visits for asthma are higher than the NYC rate in some parts of the Red Hook community. More information is needed to know if this is because Red Hook residents have more severe cases of asthma, fewer Red Hook residents are accessing primary care services to manage asthma, or a combination of both and/or other factors.

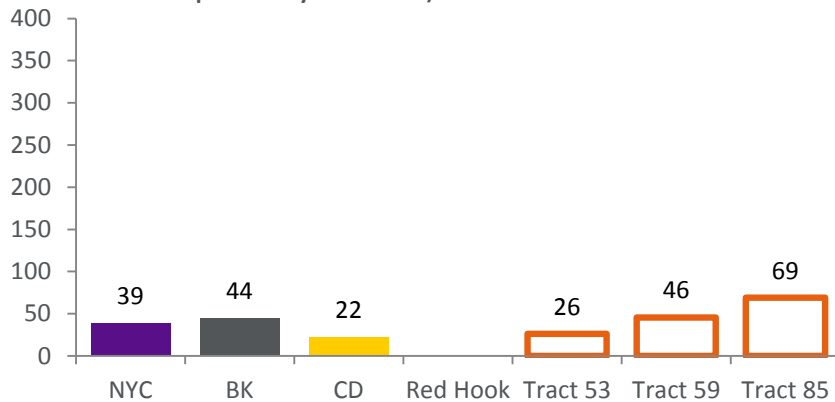
ER visits in which asthma was the primary reason per 1,000 (2011-2013 SPARCS)



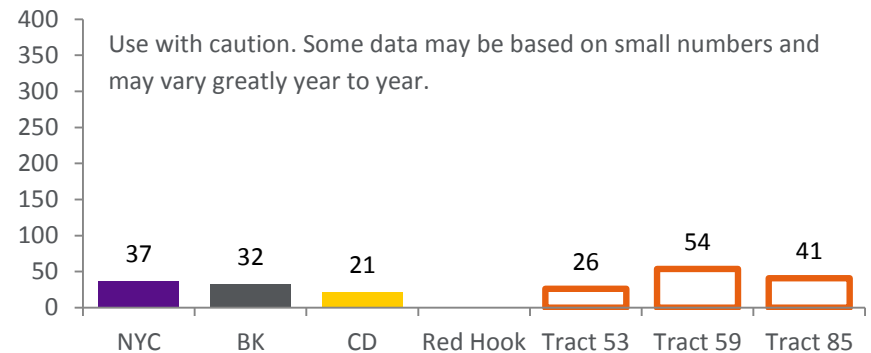
Preventable asthma hospitalizations for adults per 100,000 adults (2012-2014 SPARCS)



ER visits in which asthma was reported (but not primary reason) per 1,000 (2011-2013 SPARCS)



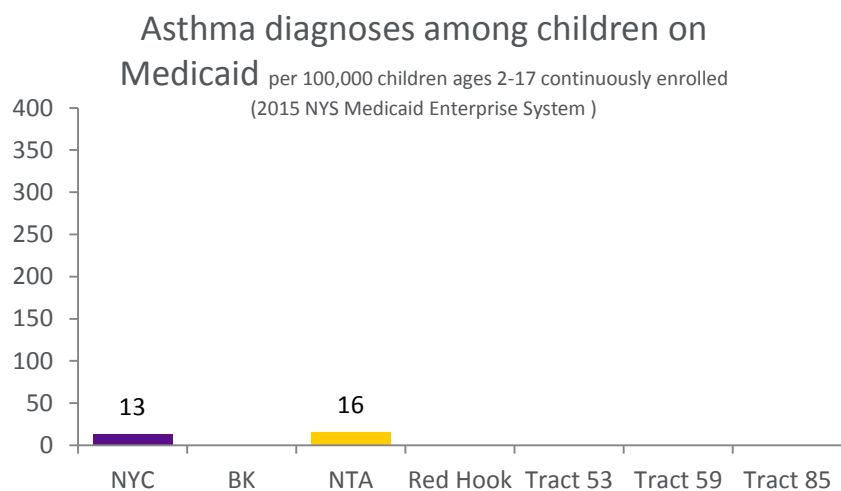
ER visits for youth ages 0-14 years old in which asthma was the primary reason per 1,000 (2011-2013 SPARCS)



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## Red Hook Houses residents: asthma prevalence\*

Asthma was the most prevalent health issue in the 2009 RHI study

Family member with asthma (2016) **23%\***

Respondent diagnosed with asthma (2009) **26%\***

Had asthma episode in past 12 months (2009) **14%\***

Family member with respiratory illness (2016) **45%\***

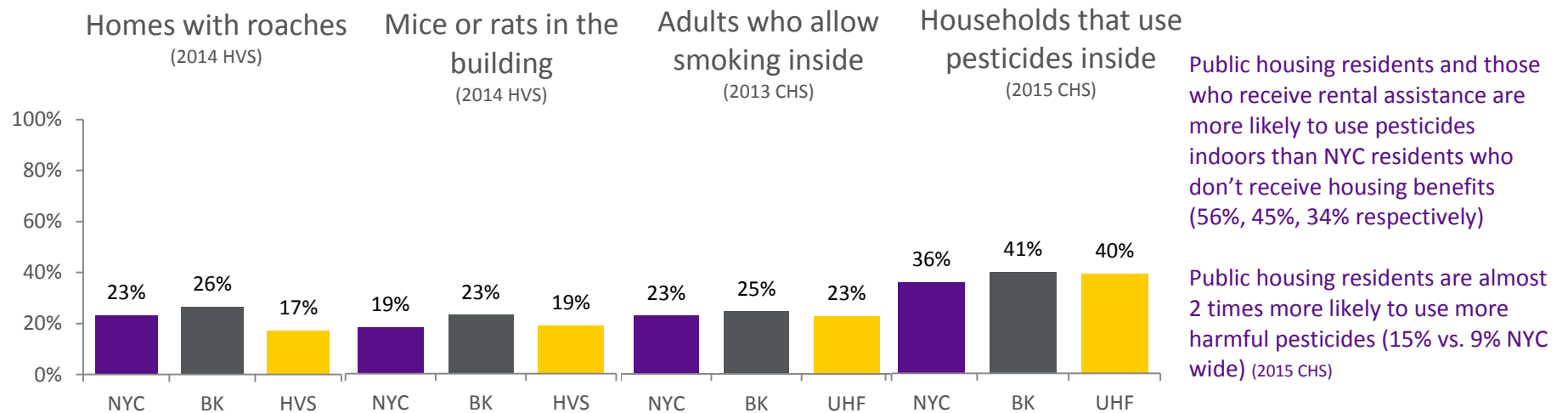
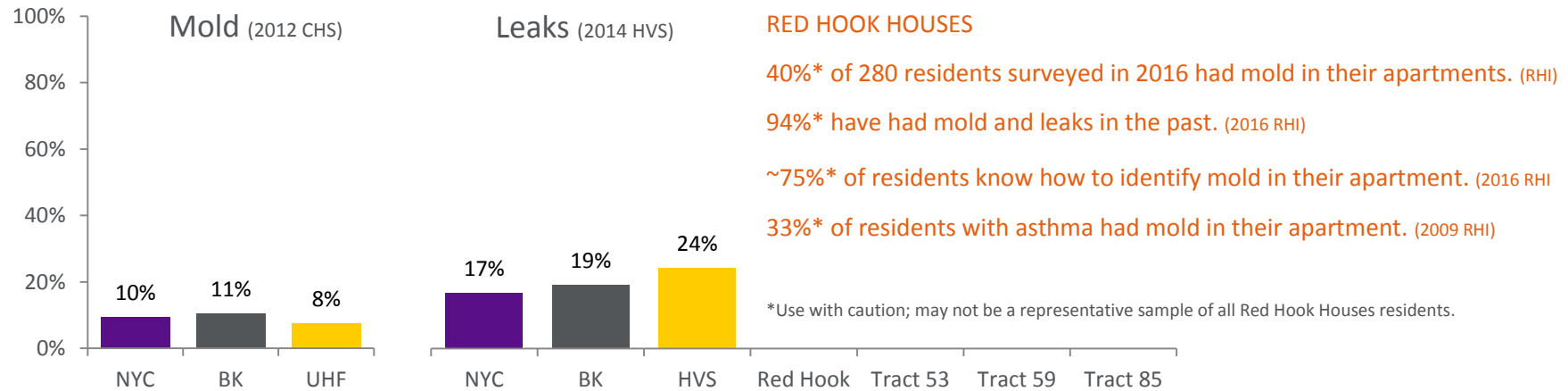
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# ASTHMA

Overall, Red Hook/ Brooklyn Heights/ Carroll Gardens/ Park Slope residents report indoor asthma triggers at rates that are about the same to lower than NYC and Brooklyn rates. A 2016 survey conducted by Red Hook Initiative suggests molds and leak rates may be higher in the Red Hook Houses.

## Homes with:

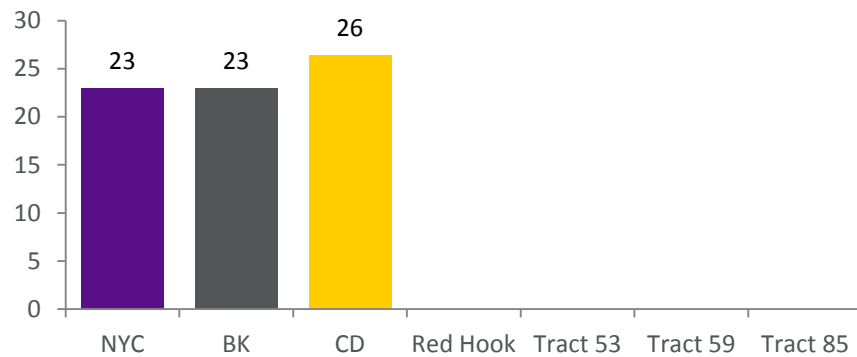


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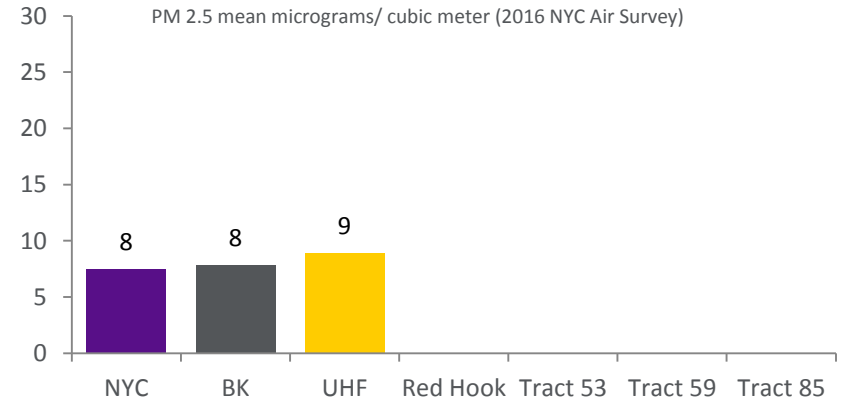
# ASTHMA

Air quality-related data is not available specific to Red Hook. The Red Hook/ Brooklyn Heights/ Carroll Gardens/ Park Slope area has slightly higher traffic density and fine particulate pollution than NYC and Brooklyn as a whole, but air-quality-related asthma ED visits and hospitalizations are about the same to lower than NYC and Brooklyn rates.

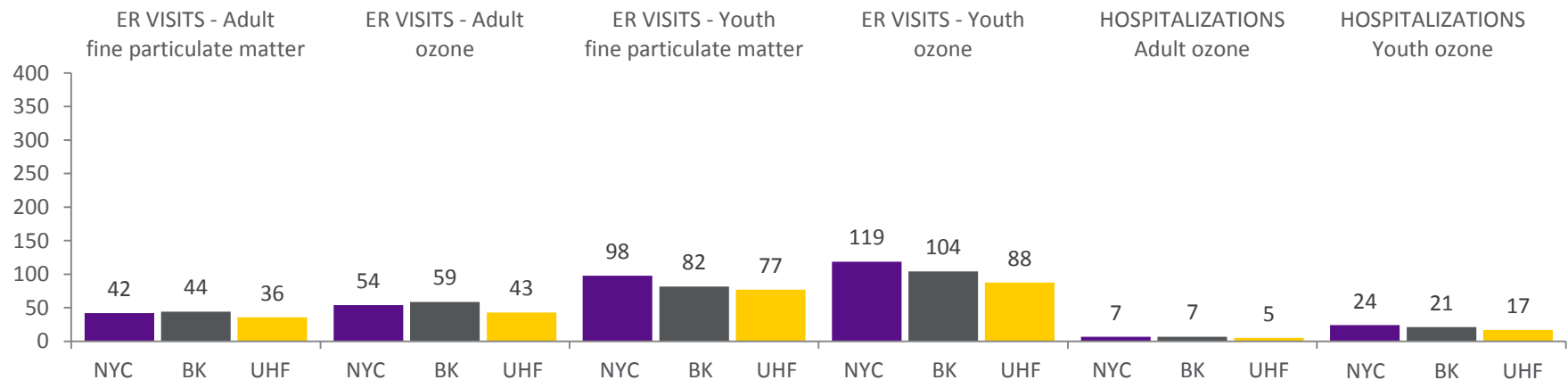
Annual miles travelled by vehicles (traffic density) million miles (2016 NYMTCBP)



Fine particulate air pollution that can get in your lungs and bloodstream



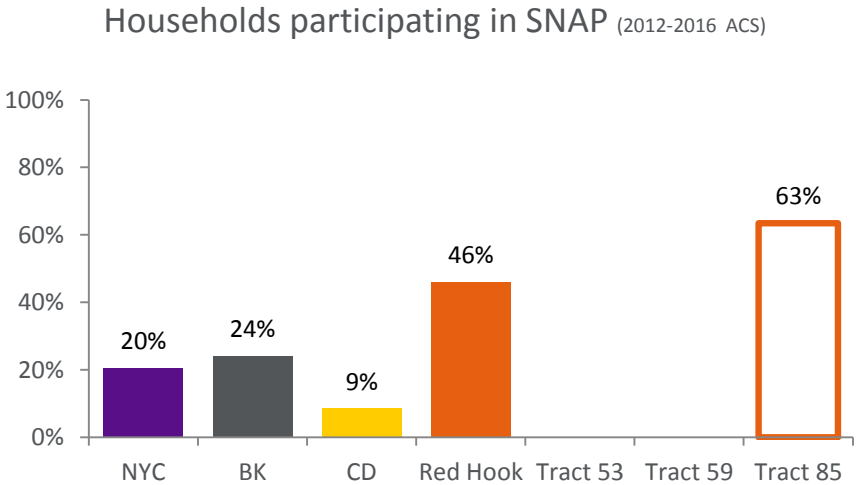
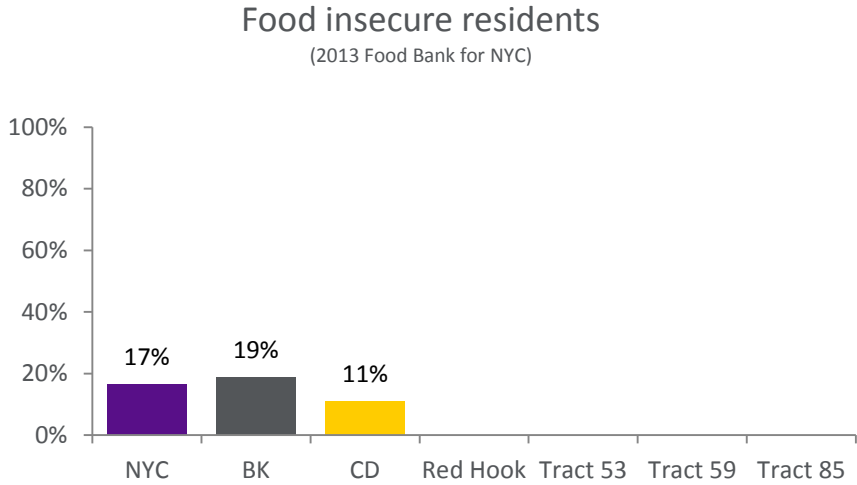
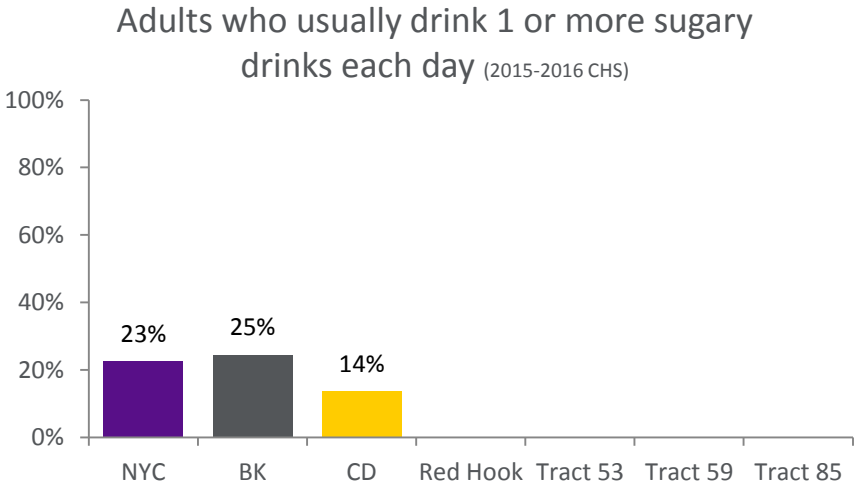
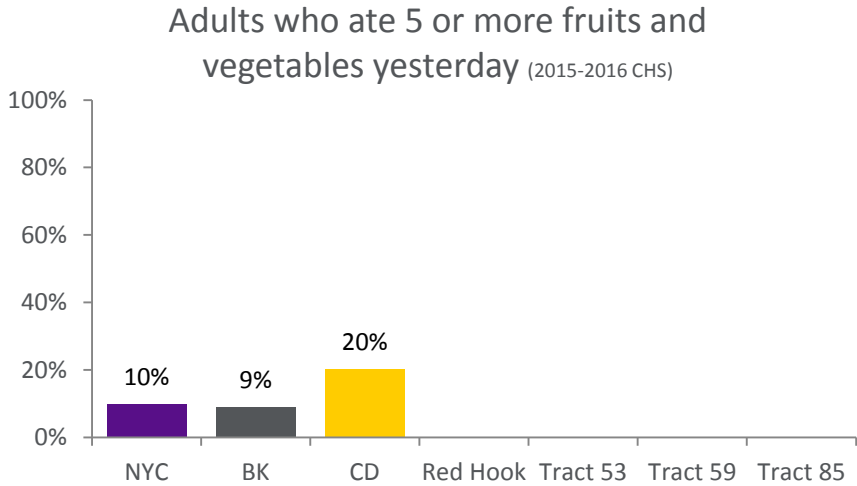
Air quality-related asthma ER visit rates and hospitalization rates average annual rate per 100,000 residents (SPARCS 2012-2014)



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# NUTRITION + PHYSICAL ACTIVITY

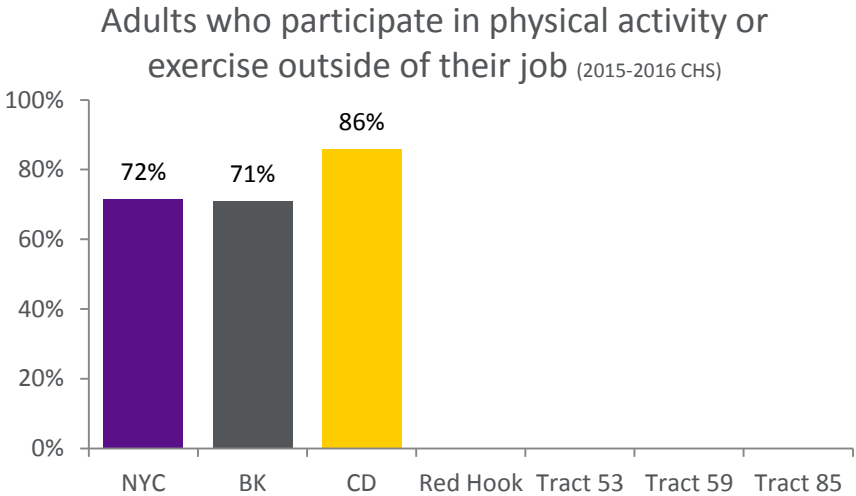
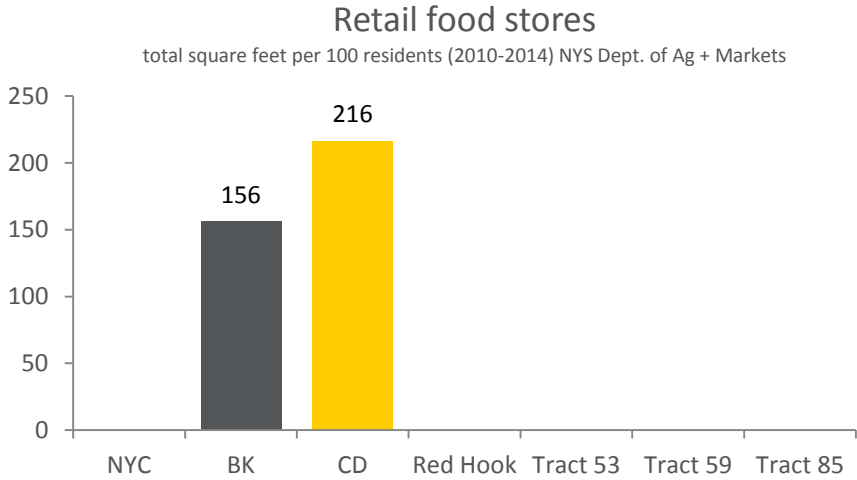
Community District 6 residents have healthier nutrition and physical activity habits than other parts of NYC. Almost half of Red Hook households participate in SNAP (food stamps).



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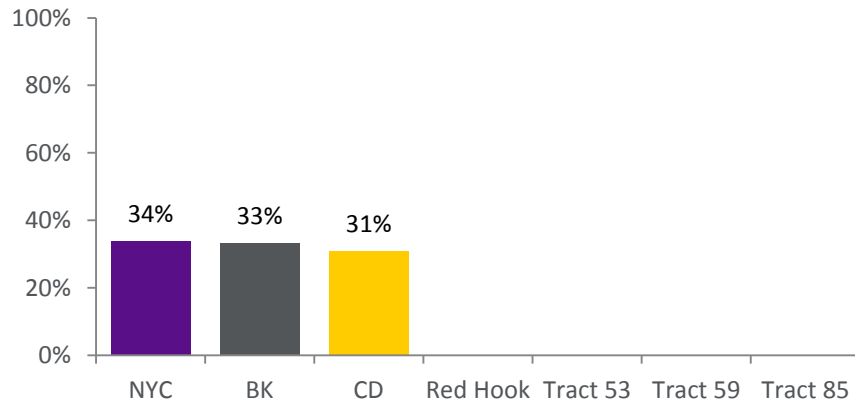
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# OBESITY + OVERWEIGHT

Overweight is defined as a Body Mass Index (BMI) greater than or equal to 25, and obesity is a BMI greater than or equal to 30. Information for Red Hook adults is not available, but Community District 6 has slightly lower rates than NYC as a whole. Childhood overweight and obesity rates in Red Hook vary; some parts of the community have higher percentages than the citywide rate and others have lower percentages.

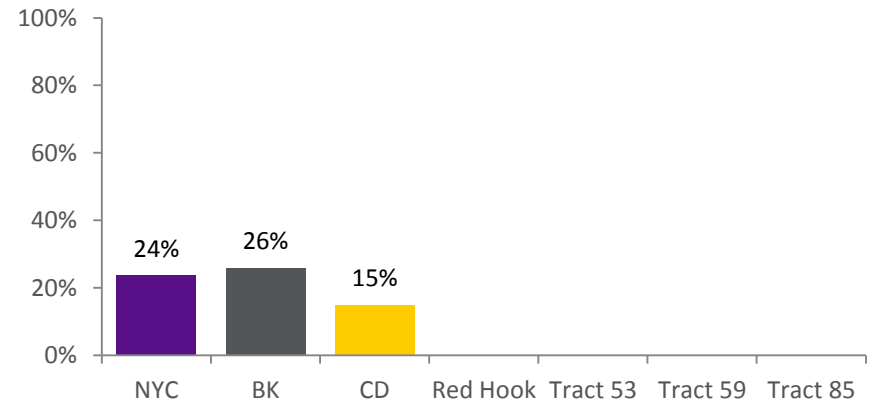
Adults who are overweight but not obese

(2015-2016 CHS)



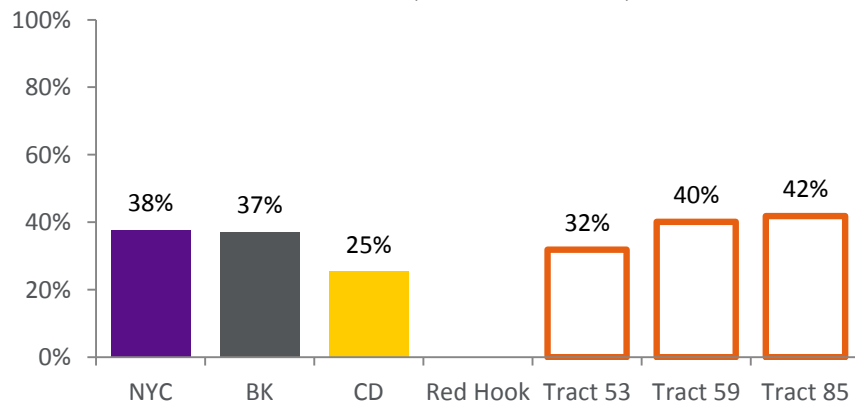
Adults who are obese

(2015-2016 CHS)



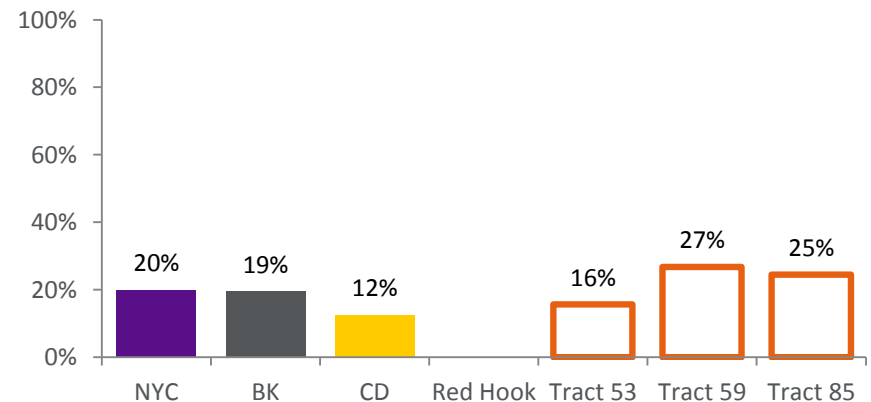
Public school youth who are overweight but not obese

(2011-2013 FitnessGram)



Public school youth who are obese

(2011-2013 FitnessGram)

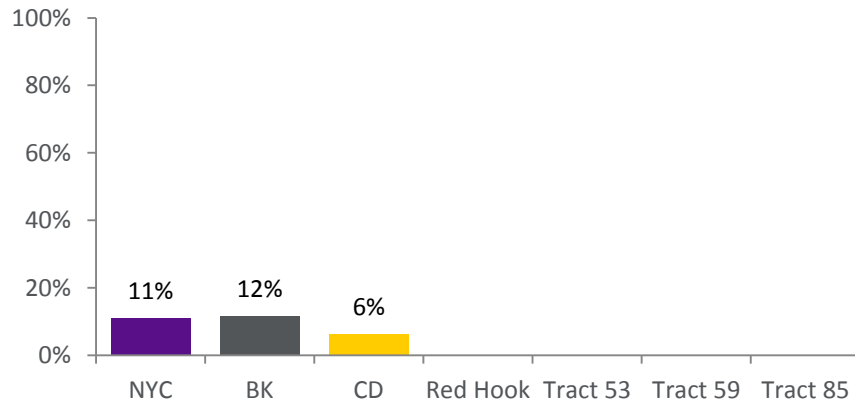


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# DIABETES

Diabetes rates are not available for Red Hook. Information collected in 2009 suggests that diabetes rates for Red Hook Houses residents may be higher than Community District 6, Brooklyn, and NYC rates. Almost 1 in 5 adults in the Red Hook area (Neighborhood Tabulation Area BK33) have poorly controlled diabetes.

Adults who have ever had diabetes (2015-2016 CHS)



Red Hook Houses residents: diabetes prevalence (2009 RHI) \*

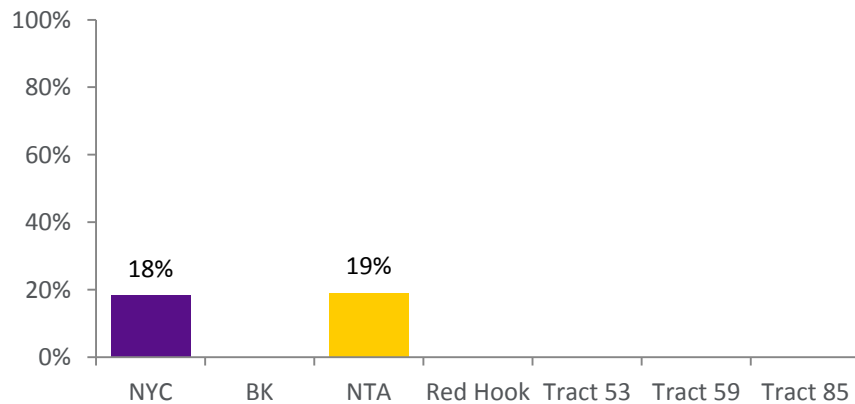
Diabetes was the 3<sup>rd</sup> most prevalent health issue in the 2009 RHI study

Respondent has ever had diabetes	18%*
Compared to:	
11231 residents	6%
Brooklyn	10%
NYC	9%

\*Use with caution; may not be a representative sample of all Red Hook Houses residents.

Adults with poorly controlled diabetes

(2014 New York City A1C Registry)



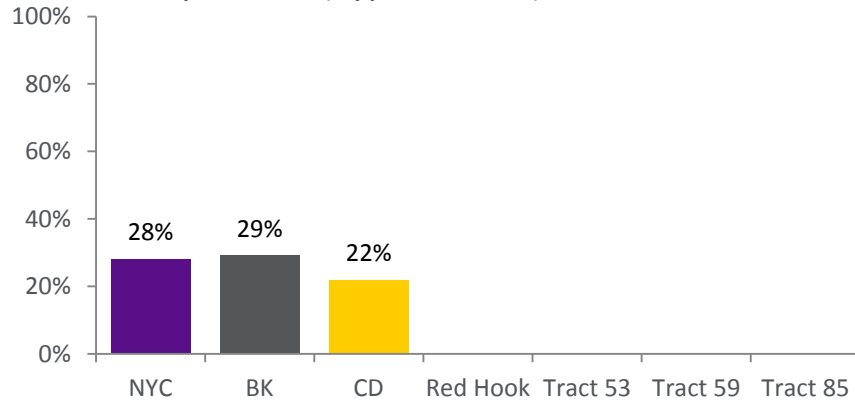
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# HEART HEALTH

1 in 4 adults in Community District 6 have or have had high blood pressure at some point in their lives. Heart disease is the top cause of death in Community District 6. However, overall Community District 6 has lower heart disease and stroke death rates than NYC as a whole.

Adults who have ever had high blood pressure (hypertension) (2015-2016 CHS)



Red Hook Houses residents: heart issues prevalence

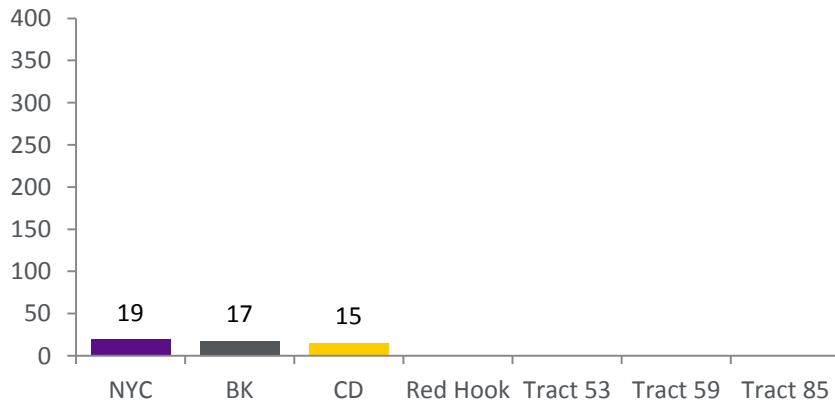
(2009 RHI) \*

High blood pressure was the 2<sup>nd</sup> most prevalent health issue in the 2009 RHI study

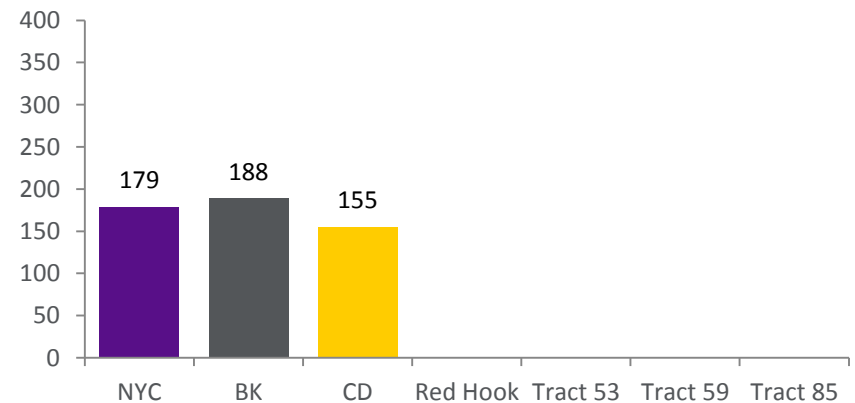
Respondent has ever had high blood pressure **26%\***

\*Use with caution; may not be a representative sample of all Red Hook Houses residents.

Deaths from stroke per 100,000 (2016 DOHMH Vital Stats)



Deaths from heart disease per 100,000 (2016 DOHMH Vital Stats)

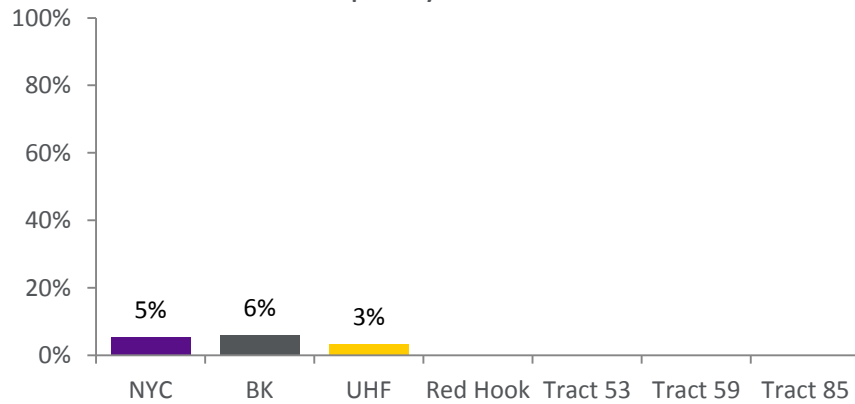


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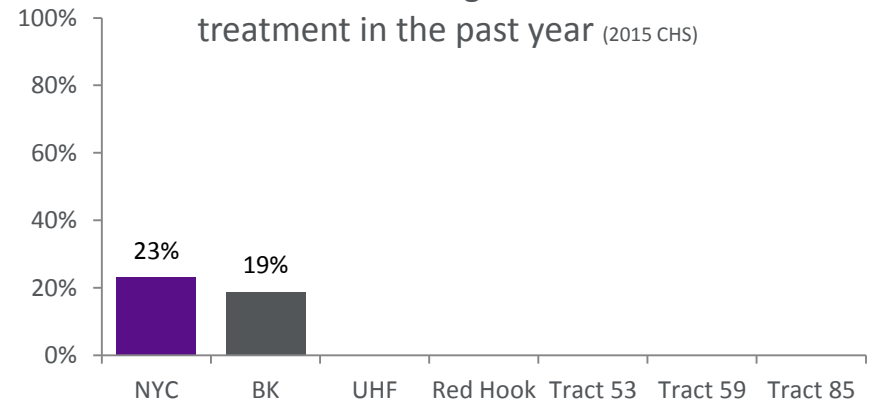
# MENTAL HEALTH

Mental health rates vary in Red Hook. There are higher percentages of residents reporting frequent mental distress and more emergency room visits for mental health-related illnesses in some parts of the community.

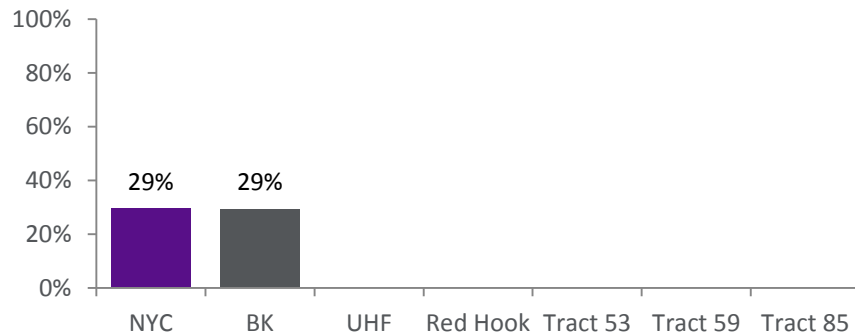
Adults with serious psychological distress in the past year (2015 CHS)



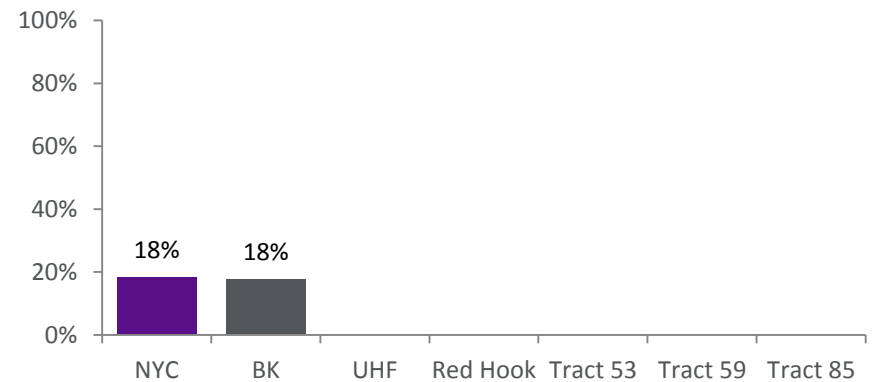
Adults with serious psychological distress who needed but did not get mental health treatment in the past year (2015 CHS)



Youth who felt so sad or helpless everyday for 2 weeks or more that they stopped doing usual activities (2015 YRBS)



Youth who got help from a counselor, social worker, or therapist in the past year (2015 YRBS)



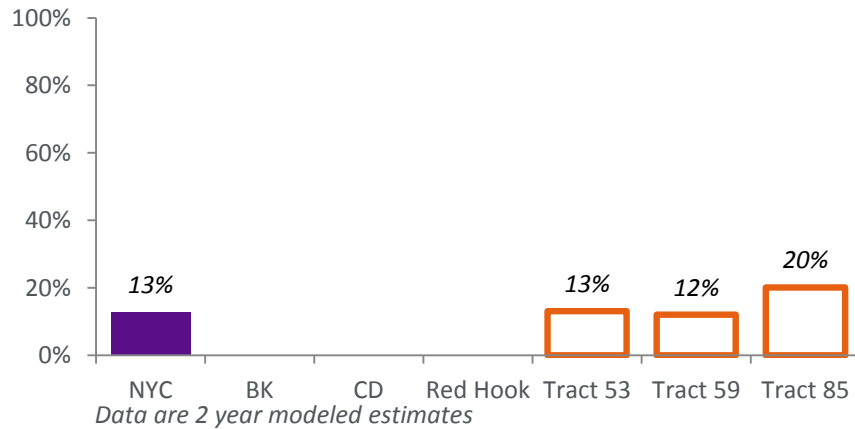
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# MENTAL HEALTH

Mental health rates vary in Red Hook. There are higher percentages of residents reporting frequent mental distress and more emergency room visits for mental health-related illnesses in some parts of the community.

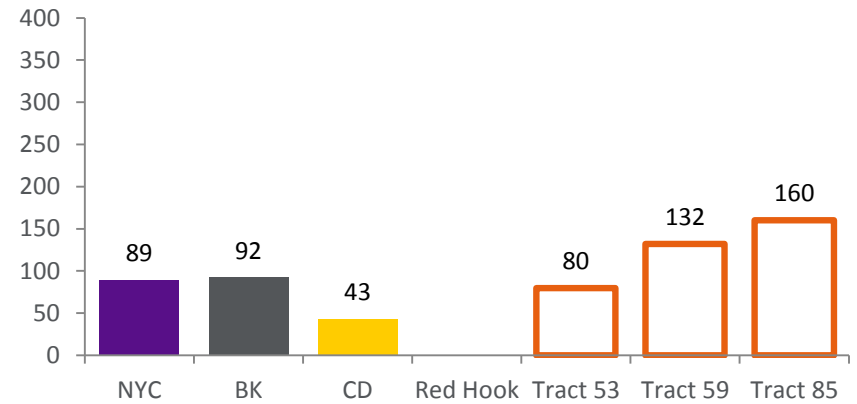
### Adults who reported frequent mental distress

(2015 2 year modeled estimate, 500 Cities)



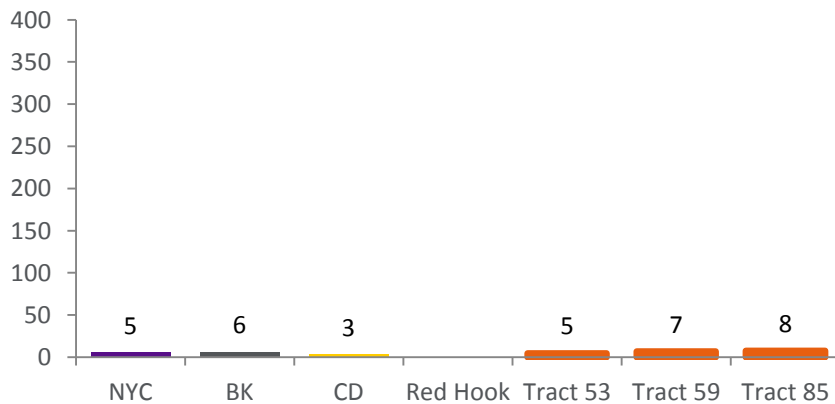
### ER visits for mental health

per 1,000 (2011-2013 SPARCS)



### Hospitalizations for mental health

per 1,000 (2011-2013 SPARCS)

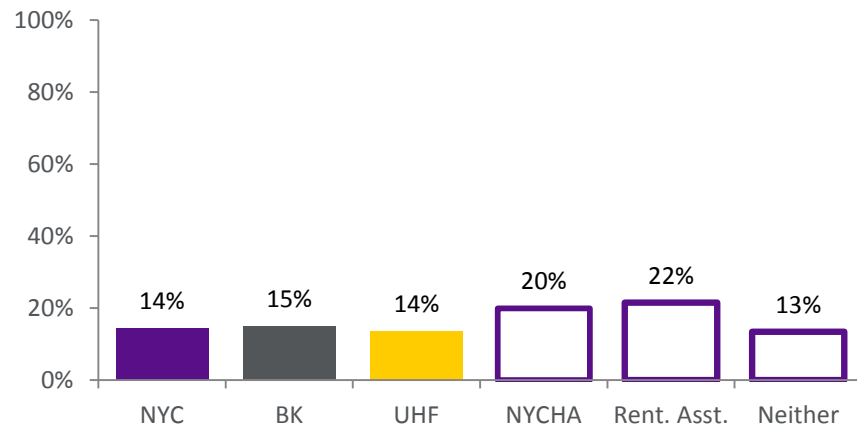


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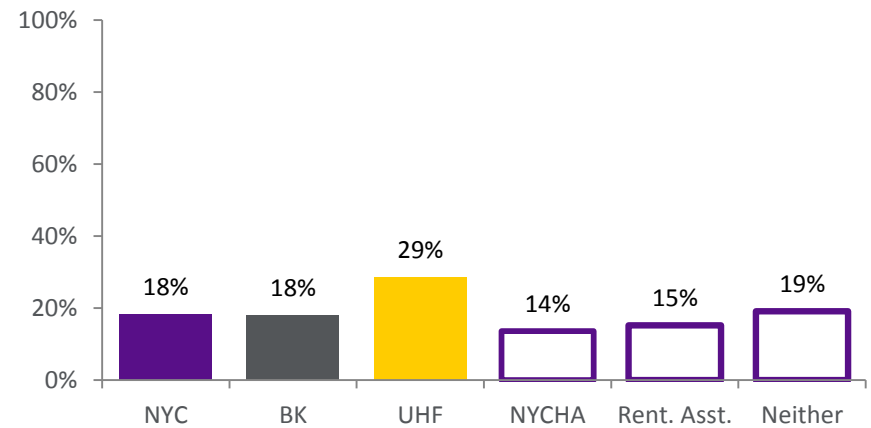
# SMOKING

Adult smoking rates in Community District 6 are about the same as other parts of NYC. Community district 6 has the highest rate of former smokers in NYC. Information is not available specific to Red Hook. 1 in 5 adults who live in NYC public housing smoke.

Adults who smoke cigarettes (2015 CHS)



Adults who are former smokers (2015 CHS)



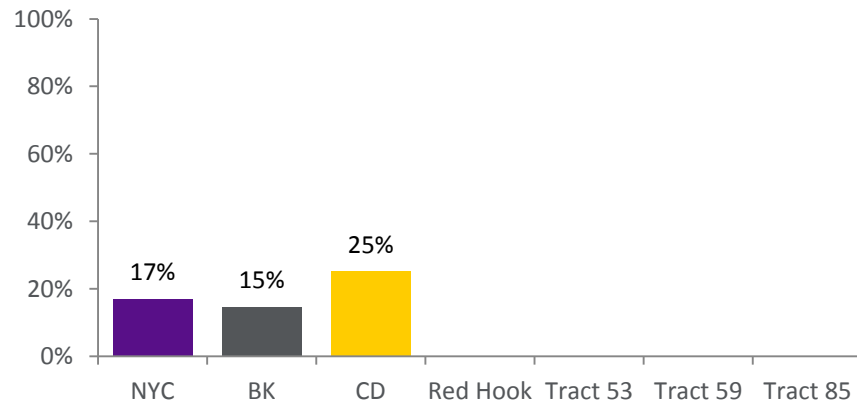
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# ALCOHOL + SUBSTANCE USE

1 in 4 adults in Community District 6 binge drinks. This is the fifth highest rate in NYC. ER visits for alcohol or substance use are about the same to lower in Red Hook residents as NYC as a whole.

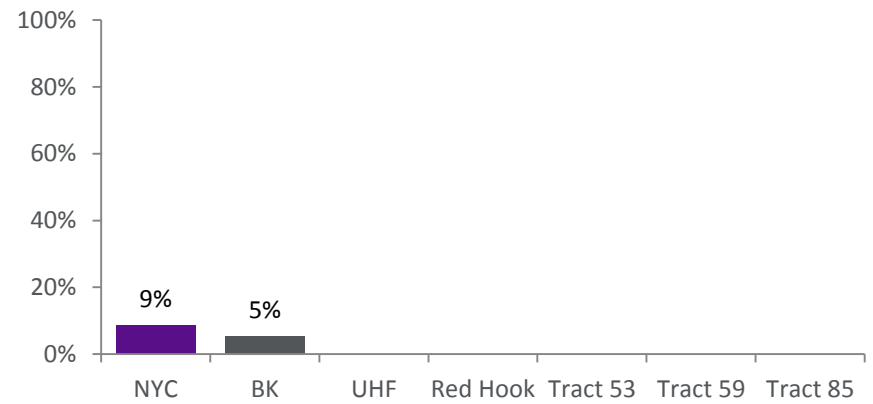
## Adults who binge drink

5 or more drinks in a row for men, 4 or more for women (2015-2016 CHS)



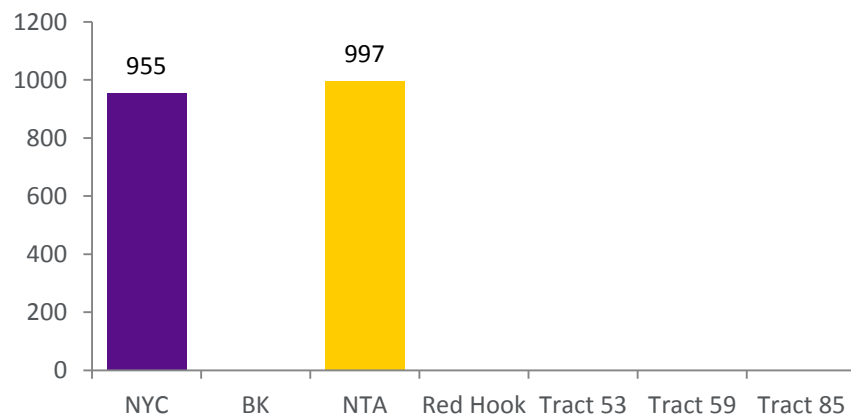
## Youth who binge drink

5 or more drinks in a row at least once in past month (2015 YRBS)



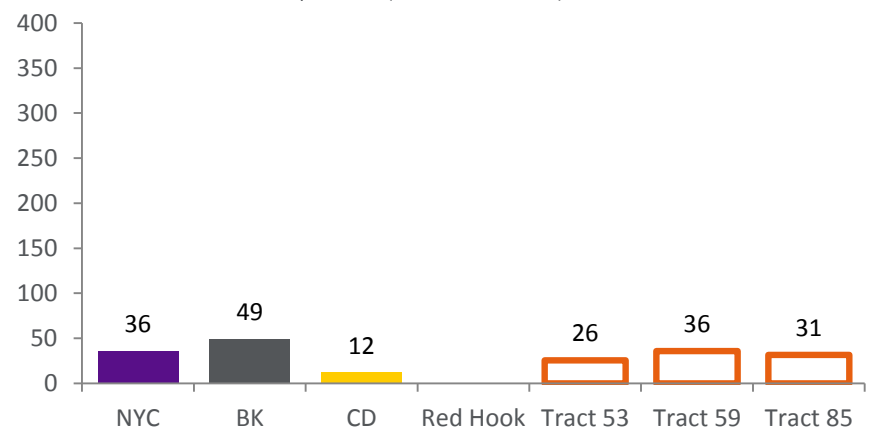
## Alcohol-related hospitalizations

per 100,000 population ages 15-84 (2014 SPARCS)



## ER visits for alcohol or substance use

per 1,000 (2011-2013 SPARCS)

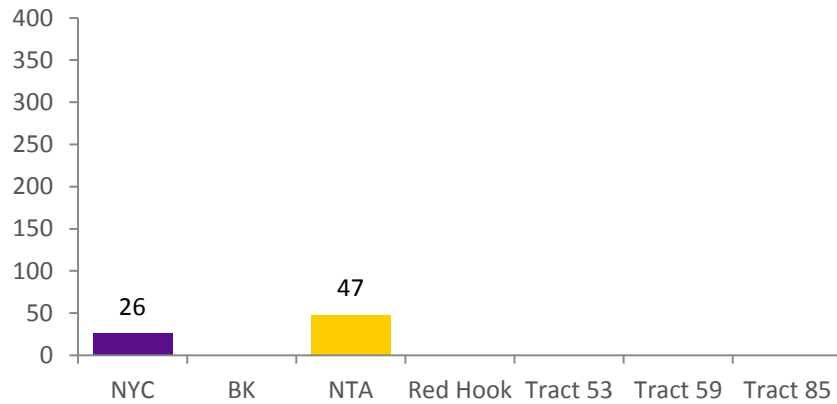


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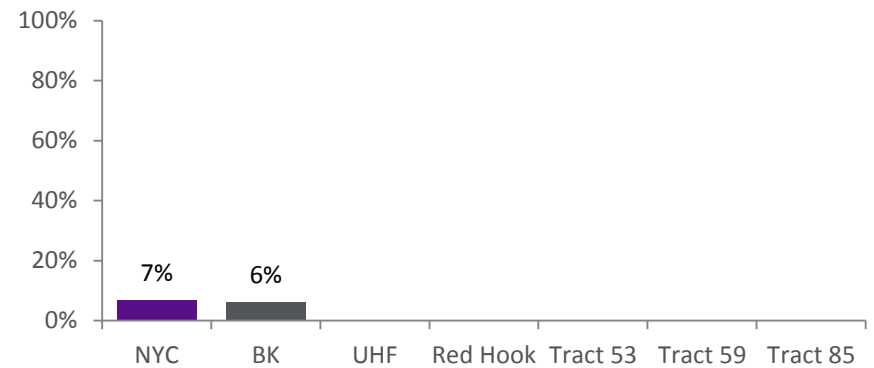
# ALCOHOL + SUBSTANCE USE

1 in 4 adults in Community District 6 binge drinks. This is the fifth highest rate in NYC. ER visits for alcohol or substance use are about the same to lower in Red Hook residents as NYC as a whole.

Number of alcohol retailers per 10,000 population, all ages  
(2016 NYS Liquor Authority)



Youth who have used prescription pain medications (without a prescription)  
(2015 YRBS)



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# DATA SOURCES

## RED HOOK: DATA GEOGRAPHY

**Census Tract Map:** Map created in "New York Department of City Planning Capital Planning Platform," 2018 data, retrieved from "Capital Planning Platform," New York City Department of City Planning, <https://capitalplanning.nyc.gov/facilities>.

**Neighborhood Tabulation Area Map:** Map created in "New York Department of City Planning Capital Planning Platform," 2018 data, retrieved from "Capital Planning Platform," New York City Department of City Planning, <https://capitalplanning.nyc.gov/facilities>.

**Community District + PUMA Map:** U.S. Census Bureau, 2010 and Population Division - New York City Department of City Planning, "New York City PUMAs and Community Districts," 2015, retrieved from New York City Department of City Planning, [https://www1.nyc.gov/assets/planning/download/pdf/data-maps/nyc-population/census2010/puma\\_cd\\_map.pdf](https://www1.nyc.gov/assets/planning/download/pdf/data-maps/nyc-population/census2010/puma_cd_map.pdf).

**United Hospital Fund Area Map:** Map adapted from "NYC UHF 42 Neighborhoods," 2006, retrieved from "Map Gallery," New York City Department of Health and Mental Hygiene, <https://www1.nyc.gov/site/doh/data/health-tools/maps.page>.

**School District Map:** Map created in "New York Department of City Planning Capital Planning Platform," 2018 data, retrieved from "Capital Planning Platform," New York City Department of City Planning, <https://capitalplanning.nyc.gov/facilities>.

**NYC Housing Vacancy Survey 2014 Sub-borough Map:** Map adapted from U.S. Census Bureau, "Sub-Borough Maps - Brooklyn," 2017, <https://www2.census.gov/programs-surveys/nychvs/geographies/reference-maps/2014/sub-borough-maps/brooklyn.pdf>.

## RED HOOK: COMMUNITY COMPOSITION

**Total Population 2012-2016:** U.S. Census Bureau, American Community Survey, 2012-2016, retrieved from "Population FactFinder," New York City Department of City Planning, <https://popfactfinder.planning.nyc.gov/>.

**Total Population 2006-2010:** U.S. Census Bureau, American Community Survey, 2006-2010, retrieved from "Population FactFinder," New York City Department of City Planning, <https://popfactfinder.planning.nyc.gov/>.

**Ethnicity + Race:** U.S. Census Bureau, American Community Survey, 2012-2016, retrieved from "Population FactFinder," New York City Department of City Planning, <https://popfactfinder.planning.nyc.gov/>.

**Age: Population under 18:** U.S. Census Bureau, American Community Survey, 2012-2016, retrieved from "Population FactFinder," New York City Department of City Planning, <https://popfactfinder.planning.nyc.gov/>.

**Age: Population 65 years and older:** U.S. Census Bureau, American Community Survey, 2012-2016, retrieved from "Population FactFinder," New York City Department of City Planning, <https://popfactfinder.planning.nyc.gov/>.

# DATA SOURCES

**Residents who speak a language other than English at home:** U.S. Census Bureau, American Community Survey, 2011-2015, retrieved from "Population FactFinder," New York City Department of City Planning, <https://popfactfinder.planning.nyc.gov/>.

**Residents who speak Spanish at home:** U.S. Census Bureau, American Community Survey, 2012-2016, retrieved from "Population FactFinder," New York City Department of City Planning, <https://popfactfinder.planning.nyc.gov/>.

**Residents who speak an Asian or Pacific Island language at home:** U.S. Census Bureau, American Community Survey, 2012-2016, retrieved from "Population FactFinder," New York City Department of City Planning, <https://popfactfinder.planning.nyc.gov/>.

**Adults who speak English less than "very well":** U.S. Census Bureau, American Community Survey, 2012-2016, retrieved from "Population FactFinder," New York City Department of City Planning, <https://popfactfinder.planning.nyc.gov/>.

**School-aged youth who are English language learners:** New York City Department of Education, 2018, retrieved from "Keeping Track Online," Citizens' Committee for Children of New York, <https://data.cccnewyork.org/data/map/20/english-language-learners#20/a/5/36/40/a>.

**Total population with a disability:** U.S. Census Bureau, American Community Survey, 2012-2016, retrieved from "Population FactFinder," New York City Department of City Planning, <https://popfactfinder.planning.nyc.gov/>.

**Residents living in the same house 1 year ago:** U.S. Census Bureau, American Community Survey, 2012-2016, retrieved from "Population FactFinder," New York City Department of City Planning, <https://popfactfinder.planning.nyc.gov/>.

## INCOME + EMPLOYMENT + EDUCATION

**Median household income:** U.S. Census Bureau, American Community Survey, 2012-2016, retrieved from "Population FactFinder," New York City Department of City Planning, <https://popfactfinder.planning.nyc.gov/>.

**Residents with incomes below the federal poverty level:** U.S. Census Bureau, American Community Survey, 2012-2016, retrieved from "Population FactFinder," New York City Department of City Planning, <https://popfactfinder.planning.nyc.gov/>.

**Income trend 2006-2016:** U.S. Census Bureau, American Community Survey, 2006-2010 and 2012-2016, retrieved from "Population FactFinder," New York City Department of City Planning, <https://popfactfinder.planning.nyc.gov/>.

**Children under 18 years old living in poverty:** U.S. Census Bureau, American Community Survey, 2012-2016, retrieved from "Population FactFinder," New York City Department of City Planning, <https://popfactfinder.planning.nyc.gov/>.

**Unemployment rate:** U.S. Census Bureau, American Community Survey, 2012-2016, retrieved from "Population FactFinder," New York City Department of City Planning, <https://popfactfinder.planning.nyc.gov/>.



# DATA SOURCES

**Employed workers with incomes below the federal poverty level:** U.S. Census Bureau, American Community Survey, 2012-2016, retrieved from American FactFinder, <https://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml>.

**Households participating in SNAP:** U.S. Census Bureau, American Community Survey, 2012-2016, retrieved from "Population FactFinder," New York City Department of City Planning, <https://popfactfinder.planning.nyc.gov/>.

**Households receiving TANF and general assistance:** U.S. Census Bureau, American Community Survey, 2012-2016, retrieved from "Population FactFinder," New York City Department of City Planning, <https://popfactfinder.planning.nyc.gov/>.

**Renters who spend 30% or more of income on housing:** U.S. Census Bureau, American Community Survey, 2012-2016, retrieved from "Population FactFinder," New York City Department of City Planning, <https://popfactfinder.planning.nyc.gov/>.

**Adults 25 and older who completed high school or higher:** U.S. Census Bureau, American Community Survey, 2012-2016, retrieved from "Population FactFinder," New York City Department of City Planning, <https://popfactfinder.planning.nyc.gov/>.

## SAFETY + VIOLENCE + CRIME

**Mayor's Action Plan for Neighborhood Safety:** "Improving Public Safety," The Mayor's Office of Criminal Justice, The Mayor's Action Plan for Neighborhood Safety, accessed September 12, 2017, <https://www1.nyc.gov/site/criminaljustice/work/strong-neighborhoods.page>.

**Serious property crime rate:** Calculations completed by NYU Furman Center for Community District rates. Sources: New York City Police Department, United States Census, NYU Furman Center, 2017, retrieved from "CoreData.nyc," NYU Furman Center, <http://coredata.nyc/>.

**Serious violent crime rate:** Calculations completed by NYU Furman Center for Community District rates. Sources: New York City Police Department, United States Census, NYU Furman Center, 2017, retrieved from "CoreData.nyc," NYU Furman Center, <http://coredata.nyc/>.

**Adults who have ever feared their intimate partner:** New York City Department of Health and Mental Hygiene, New York City Community Health Survey, 2013, <https://a816-healthpsi.nyc.gov/epiquery/CHS/CHSXIndex.html>.

**Youth who have been purposely physically hurt by someone they were dating in the past year:** New York City Department of Health and Mental Hygiene, New York City Youth Risk Behavior Survey, 2015, <https://a816-healthpsi.nyc.gov/epiquery/YRBS/yrbsIndex.html>.

# DATA SOURCES

## HOUSING + INDOOR ENVIRONMENT

**Overcrowded housing units:** U.S. Census Bureau, American Community Survey, 2012-2016, retrieved from "Environment & Health Data Portal," New York City Department of Health and Mental Hygiene, <http://a816-dohbsp.nyc.gov/IndicatorPublic/VisualizationData.aspx?id=15,719b87,36,Summarize>.

**Children under 6 with elevated blood lead levels:** New York City Department of Health and Mental Hygiene, Healthy Homes Program, 2016, retrieved from "Environment & Health Data Portal," New York City Department of Health and Mental Hygiene, <http://a816-dohbsp.nyc.gov/IndicatorPublic/VisualizationData.aspx?id=2184,4466a0,14,Summarize>.

## OUTDOOR + BUILT ENVIRONMENT

**Homes within 1/4 mile of a park:** New York City Department of Parks and Recreation, New York State Office of Parks, Recreation, and Historic Preservation, PLUTO, and NYU Furman Center, 2017, retrieved from "CoreData.nyc," NYU Furman Center, <http://coredata.nyc/>.

**Homes within 1/2 mile of a subway stop:** New York City Department of Transportation, New York City Department of City Planning, NYU Furman Center, 2017, retrieved from "CoreData.nyc," NYU Furman Center, <http://coredata.nyc/>.

**Most of Red Hook is 10-25 minutes from the subway:** AECOM, "Southwest Brooklyn: Growing from the Waterfront Again," 2016, <http://www.aecom.com/swbrooklyn/wp-content/uploads/2016/09/SW-Brooklyn-Study.pdf>.

**Annual miles travelled by vehicles (traffic density):** New York Metropolitan Transportation Council Best Practice Model, 2016, retrieved from "Environment & Health Data Portal," New York City Department of Health and Mental Hygiene, <http://a816-dohbsp.nyc.gov/IndicatorPublic/VisualizationData.aspx?id=2112,719b87,114,Summarize>.

**Fine particulate air pollution that can get in your lungs and bloodstream:** New York City Community Air Survey, 2016, retrieved from "Environment & Health Data Portal," New York City Department of Health and Mental Hygiene, <http://a816-dohbsp.nyc.gov/IndicatorPublic/VisualizationData.aspx?id=2023,719b87,122,Summarize>.

**ER visits for traffic-related pedestrian injuries:** New York State Statewide Planning and Research Cooperative System (SPARCS), 2010, retrieved from "Environment & Health Data Portal," New York City Department of Health and Mental Hygiene, <http://a816-dohbsp.nyc.gov/IndicatorPublic/VisualizationData.aspx?id=2094,4466a0,101,Summarize>.

**ER visits for traffic-related bicyclist injuries:** New York State Statewide Planning and Research Cooperative System (SPARCS), 2010, retrieved from "Environment & Health Data Portal," New York City Department of Health and Mental Hygiene, <http://a816-dohbsp.nyc.gov/IndicatorPublic/VisualizationData.aspx?id=2092,4466a0,101,Summarize>.

# DATA SOURCES

## PREGNANCY + BIRTH

**Birth rate:** New York City Department of Health and Mental Hygiene, Vital Statistics, 2010-2014, and American Community Survey, 2010-2014, retrieved from NYC DOHMH Public Use Birth Microdata; American FactFinder, <https://www1.nyc.gov/site/doh/data/data-sets/vital-statistics-data.page>, <https://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml>.

**Percent of births to teen mothers:** New York City Department of Health and Mental Hygiene, Vital Statistics, 2010-2014, retrieved from NYC DOHMH Public Use Birth Microdata, <https://www1.nyc.gov/site/doh/data/data-sets/vital-statistics-data.page>.

**Mothers who were obese before pregnancy:** New York City Department of Health and Mental Hygiene, Vital Statistics, 2016, retrieved from NYC DOHMH Public Use Birth Microdata, <https://www1.nyc.gov/site/doh/data/data-sets/vital-statistics-data.page>.

**Mothers who received late or no prenatal care:** New York City Department of Health and Mental Hygiene, Vital Statistics, 2016, retrieved from NYC DOHMH Public Use Birth Microdata, <https://www1.nyc.gov/site/doh/data/data-sets/vital-statistics-data.page>.

**Premature births:** New York City Department of Health and Mental Hygiene, Vital Statistics, 2010-2014, retrieved from NYC DOHMH Public Use Birth Microdata, <https://www1.nyc.gov/site/doh/data/data-sets/vital-statistics-data.page>.

**Babies with low birth weight:** New York City Department of Health and Mental Hygiene, Vital Statistics, 2010-2014, retrieved from NYC DOHMH Public Use Birth Microdata, <https://www1.nyc.gov/site/doh/data/data-sets/vital-statistics-data.page>.

**Babies born into poverty:** New York City Department of Health and Mental Hygiene, Vital Statistics, 2016, retrieved from NYC DOHMH Public Use Birth Microdata, <https://www1.nyc.gov/site/doh/data/data-sets/vital-statistics-data.page>.

## EARLY CHILDHOOD

**Children under 5 years old living below the federal poverty level:** U.S. Census Bureau, American Community Survey, 2012-2016, retrieved from American FactFinder, <https://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml>.

**3 and 4 year olds enrolled in school:** U.S. Census Bureau, American Community Survey, 2012-2016, retrieved from American FactFinder, <https://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml>.

# DATA SOURCES

## YOUTH CONNECTEDNESS + RISK BEHAVIORS

**Youth who graduate from high school after 4 years of instruction:** New York City Department of Education, 2017, retrieved from "Keeping Track Online," Citizens' Committee for Children of New York, <https://data.cccnewyork.org/data/map/121/graduation-rate#121/a/5/205/25/a>.

**Youth and young adults not in school and not working (disconnected youth):** U.S. Census Bureau, American Community Survey, 2014-2016, retrieved from "Keeping Track Online," Citizens' Committee for Children of New York, <https://data.cccnewyork.org/data/map/1252/disconnected-youth-16-to-24-years#1252/a/3/1439/22/a>.

**Youth who are currently sexually active:** New York City Department of Health and Mental Hygiene, New York City Youth Risk Behavior Survey, 2015, <https://a816-healthpsi.nyc.gov/epiquery/YRBS/yrbsIndex.html>.

**Youth who used drugs or alcohol before their last sexual experience:** New York City Department of Health and Mental Hygiene, New York City Youth Risk Behavior Survey, 2015, <https://a816-healthpsi.nyc.gov/epiquery/YRBS/yrbsIndex.html>.

**Youth who used a condom during their last sexual experience:** New York City Department of Health and Mental Hygiene, New York City Youth Risk Behavior Survey, 2015, <https://a816-healthpsi.nyc.gov/epiquery/YRBS/yrbsIndex.html>.

**Percent of births to teen mothers:** New York City Department of Health and Mental Hygiene, Vital Statistics, 2010-2014, retrieved from NYC DOHMH Public Use Birth Microdata, <https://www1.nyc.gov/site/doh/data/data-sets/vital-statistics-data.page>.

## OLDER ADULTS

**Older adults who live alone:** U.S. Census Bureau, American Community Survey, 2012-2016, retrieved from "Population FactFinder," New York City Department of City Planning, <https://popfactfinder.planning.nyc.gov/>.

**Older adults living below the federal poverty level:** U.S. Census Bureau, American Community Survey, 2012-2016, retrieved from "Population FactFinder," New York City Department of City Planning, <https://popfactfinder.planning.nyc.gov/>.

**Preventable hospitalizations for older adults 65-74 years old:** New York State Statewide Planning and Research Cooperative System (SPARCS), 2011-2013, retrieved from "New York City Health Atlas," Department of Population Health at NYU Langone Health, <http://www.nychealthatlas.com/>.

**Preventable hospitalizations for older adults 75 years older and older:** New York State Statewide Planning and Research Cooperative System (SPARCS), 2011-2013, retrieved from "New York City Health Atlas," Department of Population Health at NYU Langone Health, <http://www.nychealthatlas.com/>.

# DATA SOURCES

**Hospital readmission rate for older adults 65-74 years old:** New York State Statewide Planning and Research Cooperative System (SPARCS), 2011-2013, retrieved from "New York City Health Atlas," Department of Population Health at NYU Langone Health, <http://www.nychealthatlas.com/>.

**Hospital readmission rate for older adults 75 years old and older:** New York State Statewide Planning and Research Cooperative System (SPARCS), 2011-2013, retrieved from "New York City Health Atlas," Department of Population Health at NYU Langone Health, <http://www.nychealthatlas.com/>.

**Older adult fall-related ER visits:** New York State Statewide Planning and Research Cooperative System (SPARCS), 2012, retrieved from "Environment & Health Data Portal," New York City Department of Health and Mental Hygiene, <http://a816-dohbsp.nyc.gov/IndicatorPublic/VisualizationData.aspx?id=2135,4466a0,108,Summarize>.

**Homes with older adults that have bathroom grab bars:** New York City Housing and Vacancy Survey (HVS), 2011, retrieved from "Environment & Health Data Portal," New York City Department of Health and Mental Hygiene, <http://a816-dohbsp.nyc.gov/IndicatorPublic/VisualizationData.aspx?id=2188,719b87,36,Summarize>.

## OVERALL HEALTH

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**Preventable hospitalizations (could have been treated in an outpatient setting):** New York State Statewide Planning and Research Cooperative System (SPARCS), 2011-2013, retrieved from "New York City Health Atlas," Department of Population Health at NYU Langone Health, <http://www.nychealthatlas.com/>.

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