East Harlem

Manhattan Community District

111



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Community Health Profiles

Explore the health of New York City neighborhoods

Our neighborhoods are segregated by race and wealth. Structural racism and differences in neighborhood resources have led to inequitable health outcomes across the city.

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Why does health differ by neighborhood?

Some New Yorkers live longer, healthier lives than others. Structural racism contributes to the disproportionate burden of disease in some communities. The New York City Community Health Profiles highlight disparities among neighborhoods. They can be used by policymakers, community groups, health professionals, researchers, and residents to encourage community engagement and action.

Our health starts where we live, work, and play. Interpret these data 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.

Choose your community Manhattan 111: East Harlem

WHO WE ARE

118,409 people live in East Harlem.

76% report that their own health is good, very good or excellent.

The life expectancy is 78.5 years.

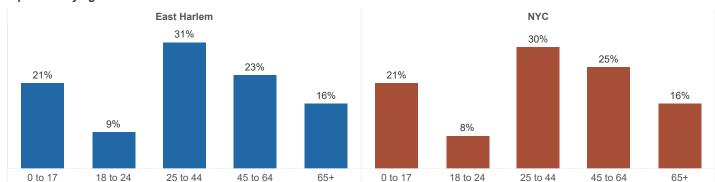
22% of residents were born outside of the U.S., compared with 37% for all of NYC.

18% of residents have limited English proficiency, compared with 22% for NYC.

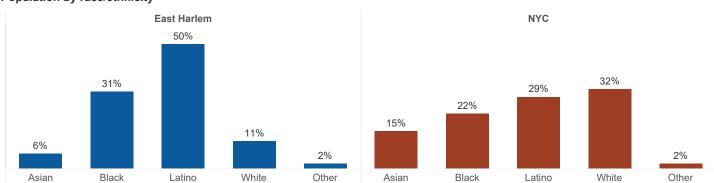


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Population by age



Population by race/ethnicity^



^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: NYC DOHMH population estimates, modified from US Census Bureau interpolated intercensal population estimates, 2000-2021; updated September 2022. Born outside the U.S. and English proficiency: U.S. Census Bureau, American Community Survey, 2015-2019. Self-reported health: NYC DOHMH Community Health Survey, 2019-2020. Life expectancy: NYC DOHMH Bureau of Vital Statistics, 2010-2019 (community distr...

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SOCIAL AND ECONOMIC CONDITIONS

Education <u>Economic Stress</u> <u>Neighborhood</u> <u>Violence and Incarceration</u>

NYC | Manhattan | East Harlem

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.

In East Harlem, the elementary school absenteeism rate is 36%, which is higher than the rate for NYC overall.

Three-quarters of high school students in East Harlem graduate in four years, lower than the citywide rate.

Elementary school absenteeism

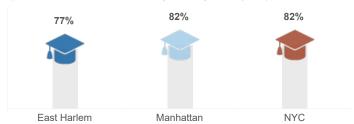
percent of public school students in grades K through 5 missing >10% of reported school days

NYC	22%
Manhattan	20%
East Harlem	36%

Source: NYC Department of Education, 2018-2019

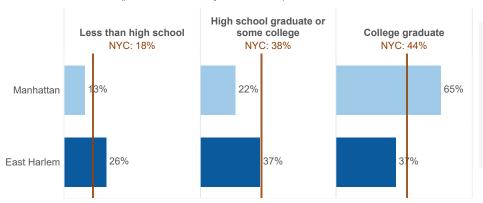
On-time high school graduation

(percent of public school students graduating in four years)



Source: NYC Department of Education graduation data obtained from New York State Department of Education, 2018-2019

Highest level of education achieved (percent of adults 25 years and older)



Nearly two in five adults in East Harlem have a college degree. 26% of adults have not completed high school, a rate higher than the citywide rate.

Source: U.S. Census Bureau, American Community Survey, 2015-2019.

Note: NYC and borough High School On-Time Graduation data may differ from other published sources. See the <u>Notes</u> page for more information about data and methodology.

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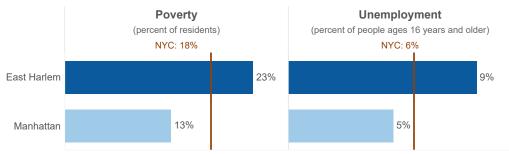
NYC | Manhattan | East Harlem

ECONOMIC STRESS

Living in high-poverty neighborhoods limits healthy options and makes it difficult to access health care and resources that promote health.

In East Harlem, 23% of residents live in poverty, compared with 18% of NYC residents.

Access to affordable housing and employment opportunities with fair wages and benefits are also closely associated with good health. **East Harlem's** unemployment rate of **9%** is **higher than** the citywide average of 6%.



Sources: Unemployment: U.S. Census Bureau, American Community Survey, 2015-2019; Poverty: American Community Survey Public Use Micro Sample files as augmented by NYC Opportunity, 2015-2019 (community district), 2019 (NYC and borough)

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.



Rent burdened households pay more than 30% of their income for housing and may have difficulty affording food, clothing, transportation and health care. 47% of East Harlem residents are rent burdened, a rate similar to residents citywide.

Source: U.S. Census Bureau, American Community Survey, 2015-2019

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, 44% of deaths could have been averted in **East Harlem**.

Note: Unemployment data may differ from rates presented in other published sources. See the Notes page for more information about data and methodology.

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SOCIAL AND ECONOMIC CONDITIONS

Education Economic Stress Neighborhood Violence and Incarceration

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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 **East Harlem**, **75%** of residents think that their neighbors are willing to help one another. This is **similar to** the rest of the city.

Adults reporting that their neighbors are willing to help one another (percent of adults)



Data source: NYC DOHMH, Community Health Survey, 2017-2018

Is your neighborhood gentrifying?

Gentrification transforms a low-income area to 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 an 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, 24 neighborhoods were considered low-income in 1990, and **East Harlem** is one of 17 neighborhoods that is gentrifying.

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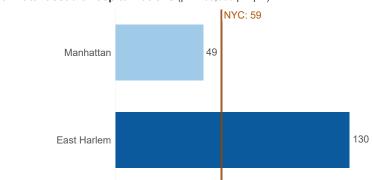
Violence and Incarceration

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VIOLENCE

Hospitalizations related to injuries from assaults capture the consequences of community violence. **East Harlem** has a rate of assault-related hospitalizations that is **higher than** the citywide rate.

Non-fatal assault hospitalizations (per 100,000 people)

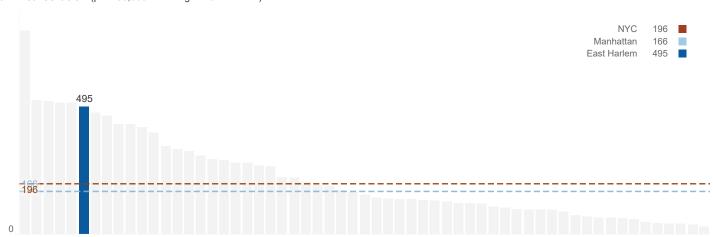


Data source: New York State Department of Health, Statewide Planning and Research Cooperative System (SPARCS), 2012-2014

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)



Source: NYC Department of Corrections, 2019-2020

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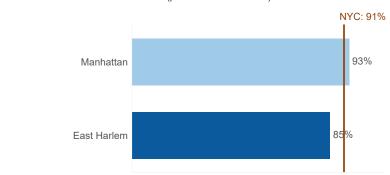
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The environment we live in can make it easier or more difficult for New Yorkers to lead healthy lives.

AIR CONDITIONING

Most heat stroke deaths in NYC occur in homes without air conditioning. **Nearly nine in 10** households in **East Harlem** have working air conditioners.

Homes with air conditioners (percent of households)



Source: NYC Housing and Vacancy Survey, 2017

AIR POLLUTION

Though air quality is improving in NYC in general, it varies by community district. In **East Harlem**, levels of the most harmful air pollutant, fine particulate matter (PM2.5) are **6.4** micrograms per cubic meter.

Air pollution (fine particulate matter)

(micrograms of fine particulate matter per cubic meter)



Source: NYC DOHMH, Community Air Survey, 2020

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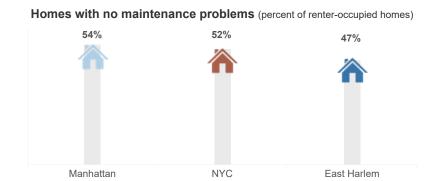
Built Environment

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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.

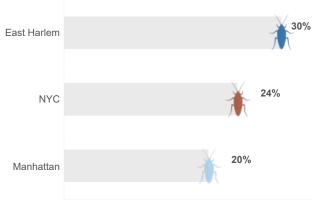
In **East Harlem**, **47%** of renter-occupied homes are adequately maintained – free from heating breakdowns, cracks, holes, peeling paint and other defects.



Source: NYC Housing and Vacancy Survey, 2017

30% of **East Harlem** households report seeing cockroaches, which are a potential asthma trigger.

Homes reporting cockroaches (percent of households)



Source: NYC Housing and Vacancy Survey, 2017

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FOOD ENVIRONMENT

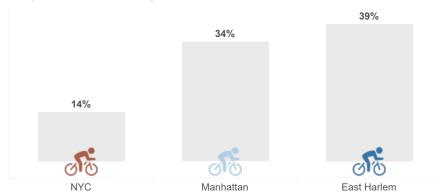
It is easier to make healthy choices when healthy, affordable food is readily available. Bodegas are less likely to have healthy food options than supermarkets. For every one supermarket in **East Harlem**, there are **11** bodegas. The lowest ratio among NYC community districts is one supermarket for every three bodegas (healthier); the highest is one supermarket for every 19 bodegas (less healthy).

East Harlem is home to 4 of NYC's farmers markets, another source of healthy food.

BICYCLE NETWORK COVERAGE

Access to bike lanes can make it easier and safer to ride a bike more often. **39%** of roads in **East Harlem** have bike lanes, which is **higher than** NYC overall.

Bicycle network coverage (percent of streets with bike lanes)



Source: NYC Department of Transportation, 2021

PEDESTRIAN INJURY

East Harlem residents have a pedestrian injury hospitalization rate that is **higher than** NYC overall.

Pedestrian injury hospitalizations (per 100,000 people)



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

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MATERNAL AND CHILD HEALTH

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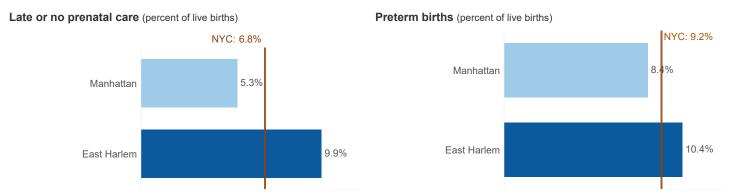
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Access to quality health care is critical to a mother's health before, during and after pregnancy, and to the health of our littlest New Yorkers. Preterm birth (three or more weeks before the due date) is a key driver of infant death.

PREGNANCY OUTCOMES

In East Harlem, the rate of expectant mothers receiving late or no prenatal care is higher than the citywide rate.

One in nine births to East Harlem residents is preterm (three or more weeks before the due date), higher than the citywide rate.

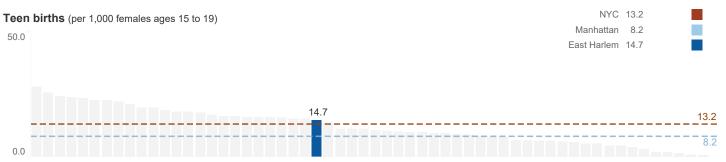


Source: NYC DOHMH, Bureau of Vital Statistics, 2019

Source: NYC DOHMH, Bureau of Vital Statistics, 2019

TEEN PREGNANCY

Teen pregnancy has declined across NYC, the teen birth rate in East Harlem is 14.7 per 1,000 teen girls.



Source: NYC DOHMH, Bureau of Vital Statistics, 2017-2019

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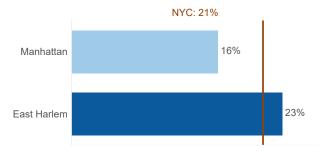
Pregnancy and Birth Child Health

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CHILDHOOD OBESITY

A quarter of East Harlem children in grades K through 8 has obesity. This is **similar to** the citywide rate of one in five.

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



Source: NYC Department of Education, FITNESSGRAM, 2018-2019

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 years and younger in **East Harlem** is **higher than** 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 **East Harlem** is 506 per 10,000 children.

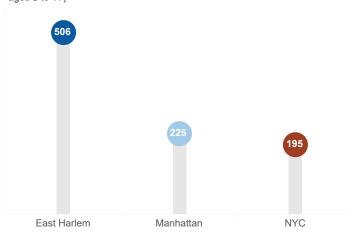
Avoidable hospitalizations among children (per 100,000 children ages 4 years and younger)



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

See the Notes page for information about data and methodology.

Child asthma emergency department visits (per 10,000 children ages 5 to 17)



Source: New York State Department of Health, Statewide Planning and Research Cooperative System (SPARCS), 2018

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HEALTHY LIVING

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SELF-REPORTED HEALTH

How residents feel about their own health can be a good measure of overall mental and physical health. **76%** of **East Harlem** residents rank their health as "excellent", "very good" or "good", **similar to** the rest of NYC.

Adults reporting their own health as "excellent," "very good" or "good" (percent of adults)



Source: NYC DOHMH, Community Health Survey, 2019-2020

PHYSICAL ACTIVITY, DIET AND SMOKING

72% of **East Harlem** adults report getting any physical activity in the past 30 days, **similar to** New Yorkers overall.

The percentage of **East Harlem** adults who report eating at least one serving of fruits or vegetables in the last day is **lower than** the citywide average of 89%.

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. Sugary drink consumption has decreased to 22% in NYC. **30%** of **East Harlem** adults drink at least one sugary drink a day.

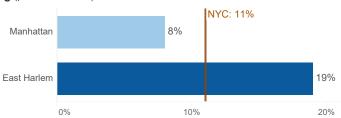
Federal guidelines recommend that adults get 150 minutes of moderate exercise each week. People who are physically active are more likely to live longer, healthier lives.

Physical activity and diet (percent of adults)

	NYC	Manhattan	East Harlem
At least one serving of fruits or vegetables per day	89%	90%	82%
One or more 12 oz. sugary drinks per day	22%	16%	30%
Any physical activity in the last 30 days	73%	82%	72 %

Source: NYC DOHMH, Community Health Survey, 2019-2020

Current smoking (percent of adults)



Source: NYC DOHMH, Community Health Survey, 2019-2020

The adult smoking rate in **East Harlem** is the rest of the borough and **similar to** other parts of NYC. The City is committed to reducing smoking equitably in all NYC neighborhoods.

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ACCESS TO HEALTH CARE

Health insurance can make it easier to get affordable primary care, which can help New Yorkers manage chronic conditions and stay healthy. Citywide, the percentage of uninsured New Yorkers has decreased since the passing of the Affordable Care Act in 2010.

In East Harlem, 8% of adults are uninsured, similar to the rest of NYC.

Additionally, 18% of adults report going without needed medical care in the past 12 months, similar to the rest of NYC.

Access to health care (percent of adults)

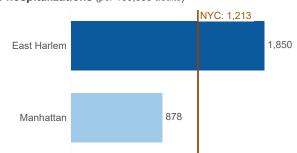
Adults without health insurance		8% Manhattan	8% East Harlem
Adults without needed medical care	13% NYC	13% Manhattan	18% East Harlem

Source: NYC DOHMH, Community Health Survey, 2019-2020

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 **East Harlem** is **similar to** the citywide rate.

Avoidable hospitalizations (per 100,000 adults)



Source: New York State Department of Health, Statewide Planning and Research Cooperative System (SPARCS), 2019

FALL-RELATED HOSPITALIZATIONS

East Harlem's rate of fall-related hospitalizations among adults 65 years of age and older is **higher than** the citywide average.

Fall-related hospitalizations (per 100,000 adults age 65+)



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

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HEALTH CARE

Access to Care and Avoidable Hospitalizations

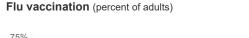
Vaccination

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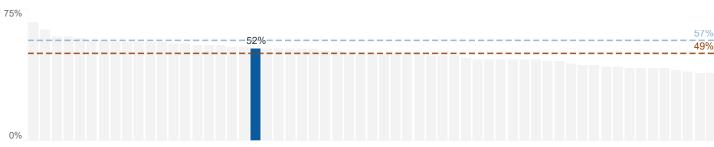
Influenza and pneumonia are the third leading causes of death in NYC. Everyone ages 6 months and older should get the flu vaccine every year.

VACCINATIONS

Half of East Harlem adults report getting a flu vaccine in the last 12 months, similar to the rest of NYC.

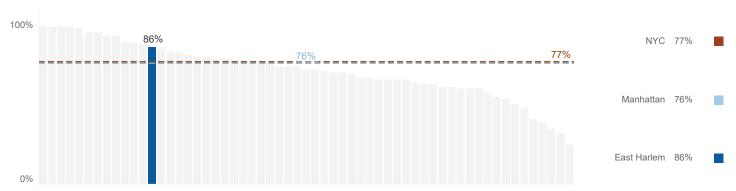


NYC 49% Manhattan 57% East Harlem 52%



Source: NYC DOHMH, Community Health Survey, 2019-2020

The human papillomavirus (HPV) vaccine protects against cancers caused by HPV infection. The vaccine is routinely recommended for all children between the ages of 11 and 12 prior to exposure to HPV infection and may be started as early as age 9. The Centers for Disease Control and Prevention (CDC) recommends catch-up HPV vaccination for all people through age 26 who are not already vaccinated. Individuals ages 27 to 45 may be vaccinated based on a recommendation from their doctor. HPV vaccination requires 2 or 3 doses depending on the age of initiation. In **East Harlem**, **86**% of teens ages 13 to 17 receive all recommended doses of the HPV vaccine.



Source: NYC DOHMH Citywide Immunization Registry, data are as of 12/31/2020.

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OBESITY, DIABETES AND HYPERTENSION

 $\textbf{East Harlem's} \ \ \text{adult obesity rate is } \textbf{30\%} \ , \ \text{which is } \textbf{similar to} \ \ \text{the rest of NYC}.$

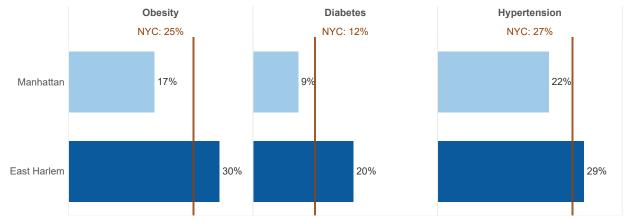
Nearly one million New Yorkers have diabetes. In **East Harlem**, **20%** of adults have been diagnosed with diabetes, which is **higher than** the rest of NYC.

29% of adults in East Harlem have been told they have hypertension, which is similar to the rest of NYC.

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.

Obesity, diabetes and hypertension (percent of adults)



Source: NYC DOHMH, Community Health Survey, 2019-2020

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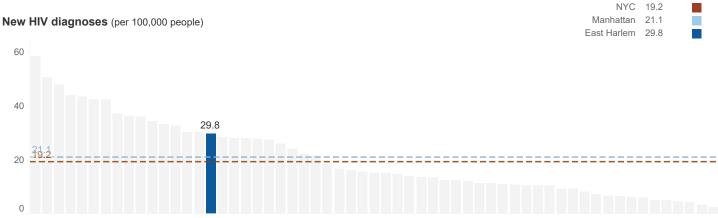
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NEW HIV DIAGNOSES

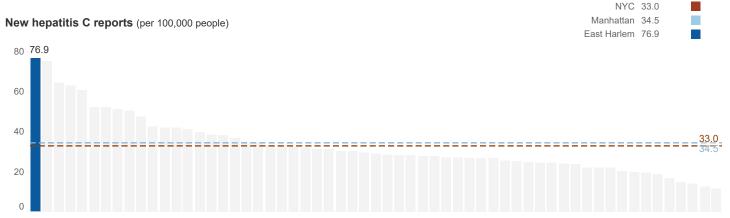
Getting an HIV test is the first step to accessing treatment if you are positive or developing an HIV prevention strategy if you are negative.



Source: NYC DOHMH, HIV/AIDS Surveillance Registry, 2019

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.



Source: NYC DOHMH, Communicable Disease Surveillance Registry, 2020

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BINGE DRINKING

Binge drinking is linked to high-risk behaviors and chronic health problems. The binge drinking rate in **East Harlem** is **similar to** the rest of NYC.

Binge drinking (percent of adults)

Manhattan	NYC	East Harlem
23%	18%	17%

Source: NYC DOHMH, Community Health Survey, 2019-2020

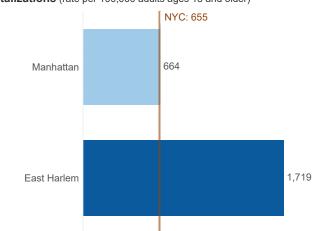
Note: Binge drinking is defined as five or more drinks for men and four or more drinks for women on one occasion during the past 30 days.

PSYCHIATRIC HOSPITALIZATIONS

The rate of adult psychiatric hospitalization in **East Harlem** is **higher 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 (rate per 100,000 adults ages 18 and older)



Source: New York State Department of Health, Statewide Planning and Research Cooperative System (SPARCS), 2019

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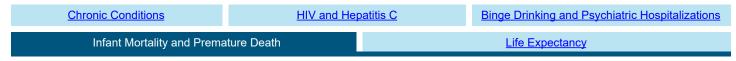
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HEALTH OUTCOMES

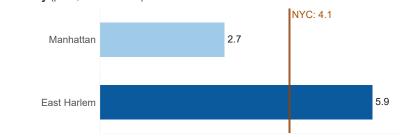


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INFANT MORTALITY

NYC's infant mortality rate has declined in recent years. In East Harlem, the infant mortality rate is similar to the rest of NYC.

Infant mortality (per 1,000 live births)



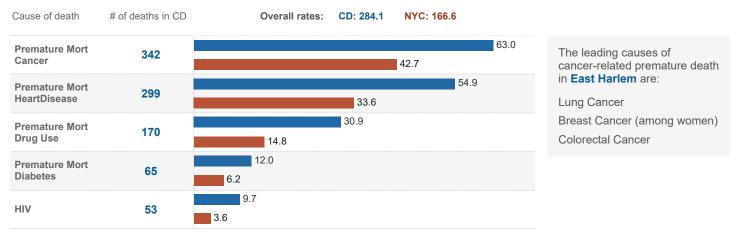
Source: NYC DOHMH, Bureau of Vital Statistics, 2017-2019

PREMATURE DEATH

NYC's premature mortality rate (death before the age of 65) has decreased over time. However, longstanding disparities persist. People living in high poverty neighborhoods and Black New Yorkers are dying before age 65 at higher rates.

Cancer and heart disease are leading causes of premature death in East Harlem and in all communities in NYC. However, East Harlem residents die prematurely at a rate higher than residents citywide.

Top causes of premature death (death before the age of 65; number and rate per 100,000 people)



Source: NYC DOHMH, Bureau of Vital Statistics, 2015-2019

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Choose your community Manhattan 111: East Harlem

HEALTH OUTCOMES

<u>Chronic Conditions</u> <u>HIV and Hepatitis C</u>

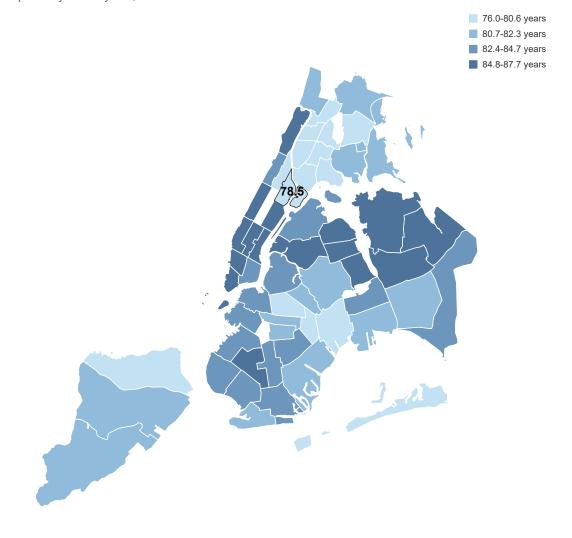
Binge Drinking and Psychiatric Hospitalizations

Infant Mortality and Premature Death

Life Expectancy

LIFE EXPECTANCY BY COMMUNITY DISTRICT

East Harlem's average life expectancy is 78.5 years, which is lower than NYC overall.



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Source: NYC DOHMH, Bureau of Vital Statistics, 2010-2019 (community district and borough), 2019 (NYC)

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Choose your Featured Community District

Manhattan 111: East Harlem

Choose an Indicator
Healthy Living - Self-reported health

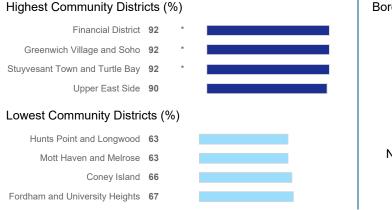
Healthy Living - Self-reported health

Percentage of adults ages 18 and older who report their overall health is "excellent," "very good" or "good" on a scale of excellent, very good, good, fair or poor.

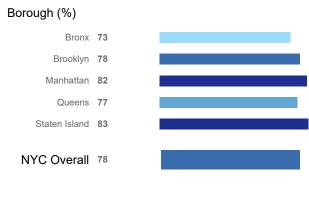


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Healthy Living - Self-reported health in East Harlem: 76%







See the $\underline{\text{\bf Notes page}}$ for information about data and methodology.

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<u>Data sources</u>

<u>Data sources (continued)</u>

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. The CDs correspond to New York City (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.

For American Community Survey (ACS) and NYC Department of Health and Mental Hygiene (DOHMH) Community Health Survey (CHS) indicators, data were provided by Public Use Microdata Area (PUMA). PUMAs are aggregated census tracts of at least 100,000 people and approximate CDs. For gentrification classifications from New York University (NYU) Furman Center and NYC Housing and Vacancy Survey (HVS) indicators, data were available by sub-borough areas. There are 59 CDs and 55 PUMA or sub-borough areas in NYC. Four pairs of CDs are combined at the PUMA or sub-borough area level to protect the confidentiality of respondents. These pairs are:

- · Financial District (MN 01) and Greenwich Village/Soho (MN 02) in Manhattan
- · Clinton/Chelsea (MN 04) and Midtown (MN 05) in Manhattan
- · Mott Haven/Melrose (BX 01) and Hunts Point/Longwood (BX 02) in the Bronx
- · Morrisania/Crotona (BX 03) and Belmont/East Tremont (BX 06) in the Bronx

For these four areas, the same estimate was applied to both CDs that comprised the PUMA or sub-borough area for data from ACS, CHS, NYU Furman Center, and HVS.

For most data sources used, Rikers Island is designated to Long Island City/Astoria (QN 01) in Queens and is considered part of Queens for borough level rates. Marble Hill is assigned to Riverdale/Fieldston (BX 08) in the Bronx and is considered part of the Bronx for borough level rates. However, ACS and HVS data categorize Rikers Island as a part of Mott Haven/Melrose (BX 01) and Hunts Point/Longwood (BX 02) in the Bronx and is considered part of the Bronx for borough level rates. For the U.S. Census's intercensal population estimates, Rikers Island is assigned to Long Island City/Astoria (QN 01) in Queens but is considered part of the Bronx for borough level rates, and Marble Hill is assigned to Riverdale/Fieldston (BX 08) in the Bronx but is considered part of Manhattan for borough level rates.

ANALYSES

For CHS data, a t-test comparing the CD with the rest of NYC and the rest of the borough was conducted where a p-value ≤0.05 was an indication of statistical significance. For ACS data, HVS data, most New York State Department of Health Statewide Planning and Research Cooperative System (SPARCS) data, and child obesity data from the NYC Department of Education, 95% confidence limits 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 some population-level data, including on-time high school graduation, elementary school absenteeism, bicycle network coverage, and most indicators from NYC DOHMH Bureau of Vital Statistics, 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. There were some measures where no statistical comparisons were calculated due to data limitations or applicability. Report text highlights significant findings but does not include all significant results.

Most estimates were evaluated for statistical stability. For survey data, statistical reliability or suppression of the estimates is assessed using relative standard error, confidence interval width, and sample size. Statistical reliability guidelines can be found here: https://www.nyc.gov/assets/doh/downloads/pdf/episrv/bes-data-reliability.pdf Where noted in the metadata, estimates were age standardized to the Year 2000 Standard Population.

For a complete dataset including numbers, rates and confidence intervals, visit https://www1.nyc.gov/site/doh/data/data-publications/profiles.page

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DATA SOURCES

U.S. Census Bureau, American Community Survey (ACS): The U.S. Census calculates intercensal population estimates, which are used for overall population, race and ethnicity, and age indicators. The ACS is an ongoing national survey conducted by the U.S. Census Bureau. Five-year estimates (2015-2019) are used to improve reliability of the data. Indicators include born outside the US, limited English proficiency, adult educational attainment, rent burden and unemployment. Unemployment rates differ from those reported by the Current Population Survey due to differences in: questionnaires, mode of collection, time period surveyed, seasonal adjustment, and population controls. For more information, visit: https://www.bls.gov/lau/acsga.htm#Q04.

NYC DOHMH Community Health Survey (CHS): The CHS is an annual random-digit-dial telephone survey of approximately 9,000-10,000 non-institutionalized adults ages 18 and older in NYC. A combined-year dataset (2019-2020) is used to increase statistical power, allowing for more stable analyses at the CD level. All indicators are age-adjusted to the US 2000 standard population and are weighted to represent the NYC adult population, and to compensate for unequal probability of selection and nonresponse bias. Indicators include helpful neighbors (2017-2018 due to question availability), self-reported health, physical activity, fruit and vegetable consumption, sugary drink consumption, smoking, health insurance, unmet need for medical care, flu vaccination, obesity, diabetes, hypertension and binge drinking.

NYC DOHMH Vital Statistics: The Bureau of Vital Statistics maintains administrative data on all births and deaths in NYC obtained from birth and death certificates. Data are combined across three (2017-2019), five (22015-2019) or ten (2010-2019) years to increase statistical reliability and average annual rates are presented. For this reason, these statistics may differ from those presented in the "Summary of Vital Statistics, 2019" report from the Bureau of Vital Statistics. Indicators include avertable deaths, late or no prenatal care, preterm births, teen births, infant mortality, premature mortality, leading causes of premature death, top three types of cancers among premature deaths and life expectancy. NYC rate includes premature deaths among NYC residents only and will differ from other published sources. All rates are shown as crude rates, except premature mortality data, which are age-adjusted to the US 2000 standard population. For four CDs, top three types of cancers among premature deaths were based on a small number of events and may fluctuate from year to year.

New York State (NYS) Department of Health Statewide Planning and Research Cooperative System (SPARCS): SPARCS is a statewide comprehensive all payer data reporting system established in 1979 that collects patient level detail on patient characteristics, diagnoses and treatments, services and charges for each hospital inpatient stay and outpatient visit (ambulatory surgery, emergency department and outpatient services); and each ambulatory surgery and outpatient services visit to a hospital extension clinic and diagnostic and treatment center licensed to provide ambulatory surgery services. Indicators include non-fatal assault hospitalizations, pedestrian injury hospitalizations, avoidable hospitalizations among children, child asthma emergency department (ED) visits, avoidable hospitalizations among older adults and psychiatric hospitalizations.

Avoidable hospitalizations among adults present 2019 data updated January 2022. Child asthma ED visits and psychiatric hospitalizations present 2018 data. Avoidable hospitalizations among children present 2014 data, updated July 2017. For non-fatal assault hospitalizations, pedestrian injury hospitalizations and fall-related hospitalizations among older adults, data are combined across three years (2012-2014) to increase statistical stability and average annual rates are presented. These indicators will be updated after most recent available years of data are received. All indicators are age-adjusted to the US 2000 standard population, except avoidable hospitalizations among children, children's visits to the ED for asthma and fall-related hospitalizations among older adults, which are age-specific. Non-fatal assault, pedestrian injury and fall-related hospitalization data are based on address of the patient, not the address where the incident occurred.

Hospitalization data are defined according to International Classification of Disease (ICD). Almost all indicators are defined according to ICD Clinical Modification, Version 10 (ICD-10-CM) codes, which went into effect October 1, 2015. Use caution when comparing to data from earlier years due to change in ICD coding rules. Avoidable hospitalizations among children are defined according to ICD Clinical Modification, Version 9 (ICD-9-CM) codes.

NYC Department of Corrections: Data are received and analyzed by NYC DOHMH. The data represent the number of unique people admitted to local jails at the CD, Borough, and citywide level for 2019-2020.

For a complete dataset including numbers, rates and confidence intervals, visit https://www1.nyc.gov/site/doh/data/data-publications/profiles.page

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DATA SOURCES (CONTINUED)

NYC Housing and Vacancy Survey (HVS): The HVS is sponsored by the NYC Department of Housing Preservation and Development (HPD) and the U.S. Census Bureau. It has been conducted approximately every 3 years by the Census Bureau since 1965. Approximately 18,000 housing units are sampled. Data are obtained from the HVS 2017 dataset. Indicators include homes with air conditioners, renter-occupied homes with no maintenance problems and homes with cockroaches.

NYC Department of Education: NYC FITNESSGRAM is an annual fitness assessment for students in grades K-12. Child obesity data and elementary school absenteeism for the 2018-2019 school year are received from the Department of Education's FITNESSGRAM report. For these measures, community district is determined by student's home address. On time high school graduation data are based on the 2018-2019 cohort's graduation status as of August 2019 according to New York State Department of Education records. Rates are based on the 2015-2016 NYC public high school students who graduated as of August after four years of instruction according to New York State Department of Education records. Graduates were those who received a Local Diploma, Regents Diploma, or Advanced Regents Diploma and "rates" are the % graduated among the total cohort. Charter school data were included in these estimates. NYC and borough estimates exclude students who could not be assigned to a CD therefore the data may differ from rates presented in other published sources.

NYS Department of Agriculture and Markets: A listing of all retail food stores which are licensed by the Department of Agriculture and Markets as of December 2020. Indicators include the number of bodegas, supermarkets and farmers markets as defined by NYC DOHMH Bureau of Chronic Disease Prevention and Tobacco Control.

NYC Community Air Survey (NYCCAS): The NYCCAS monitors pollutants that cause health problems such as fine particles, nitrogen oxides, elemental carbon (a marker for diesel exhaust particles), sulfur dioxide and ozone. Measurements are calculated from air samples collected at NYCCAS monitoring sites and incorporated into a statistical model that predicted pollutant concentrations across NYC. Results are assigned to neighborhoods and then averaged. Indicators include annual averages of micrograms of fine particulate matter (PM2.5) per cubic meter for 2020.

NYC DOHMH Citywide Immunization Registry (CIR): The CIR collects New Yorkers' vaccine records, reported by NYC health care providers for city residents younger than 19. CIR also reports immunizations administered to NYC adult residents ages 19 and older with consent of the patient. Indicators include the number of adolescents ages 13 to 17 who completed the human papillomavirus (HPV) vaccination series are based on number of HPV immunizations reported by December 31, 2020. Neighborhoods where more than 100% of the population is vaccinated are capped at 99%. Population counts have yet to be updated to the 2020 Census.

NYC DOHMH Communicable Disease Surveillance Registry: This Registry contains reports of certain diseases and conditions required to be reported to the Health Department based on New York City's Health Code Article 11. Newly reported cases of chronic Hepatitis C for 2020 are presented.

NYC DOHMH HIV/AIDS Surveillance Registry: This is a population-based registry of all diagnoses of AIDS (since 1981) and HIV infection (since 2000) in NYC reported to the Health Department. Indicators include the newly reported HIV diagnoses for 2019 are based on data reported to the NYC DOHMH by March 31, 2020.

NYC Department of Transportation: Data for bicycle network coverage are received and updated by DOT using the same definitions as in the "Safer Cycling: Bicycle Ridership and Safety in New York City" report published in 2017 (https://www.nyc.gov/html/dot/html/bicyclists/bike-ridership-safety.shtml).

NYC Mayor's Office for Economic Opportunity: Data for poverty are extracted from The New York City Government Poverty Data Tool (https://www.nyc.gov/site/opportunity/poverty-in-nyc/data-tool.page). The Poverty Research Unit calculated poverty based on 2015-2019 ACS Public Use Micro Sample files.

NYU Furman Center: Data for gentrification were extracted from NYU Furman Center's "State of New York City's Housing and Neighborhoods in 2015, Focus on Gentrification" (https://furmancenter.org/files/sotc/NYUFurmanCenter SOCin2015 9JUNE2016.pdf).

For a complete dataset including numbers, rates and confidence intervals, visit https://www1.nyc.gov/site/doh/data/data-publications/profiles.page