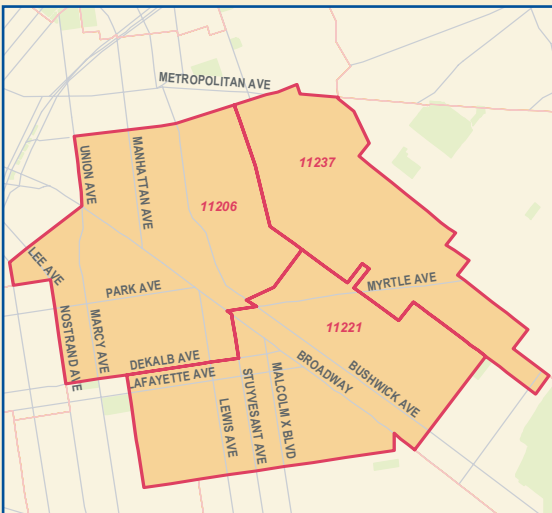


Community Health Profiles

New York City Department of Health and Mental Hygiene

SECOND EDITION — 2006



TAKE CARE

Bushwick and Williamsburg

Brooklyn

Community Health Profile, Second Edition: Bushwick and Williamsburg

New York City is the most diverse city in the U.S. — a fact reflected in the distinct character of each neighborhood. The second edition of the Community Health Profiles uses **Take Care New York** (TCNY), the city’s health policy, to examine preventable causes of illness and death in all of NYC’s 42 neighborhoods. This report updates the 2002 profile (available at nyc.gov/health) by providing more recent and time-trend data, and a greater variety of health statistics. Key health issues in **Bushwick and Williamsburg** include:

- Access to health care is poor in Bushwick and Williamsburg compared to NYC overall, with nearly 1 in 3 adults without a regular doctor and an increase in the uninsured between 2002 and 2004 (page 5).
- Although death rates due to HIV disease have decreased during the past decade in Bushwick and Williamsburg, the HIV-related death rate remains higher than in Brooklyn and NYC overall (page 8).
- Interpersonal violence is more common in Bushwick and Williamsburg than in NYC overall, including homicide and being afraid of an intimate partner (page 14).

Methods: While this report provides important information, it is not intended to be an exhaustive examination of the health of Bushwick and Williamsburg residents, as not all health problems and their causes could be covered. Only statistically significant findings are discussed in the text. For complete information on methods, see Technical Notes (page 15).

Bushwick and Williamsburg at a Glance

Population

Total number of people living in Bushwick and Williamsburg in 2000:

194,300

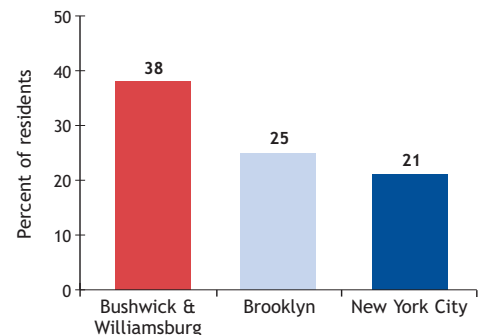
Age

People in Bushwick and Williamsburg are younger than in Brooklyn and New York City overall

	Bushwick & Williamsburg	Brooklyn	NYC
0-17 years	33%	27%	24%
18-24 years	12%	10%	10%
25-44 years	30%	31%	33%
45-64 years	17%	21%	21%
65+ years	8%	11%	12%

Poverty

In Bushwick and Williamsburg, the percent of residents living below the poverty level is higher than in Brooklyn and NYC overall



Education

Bushwick and Williamsburg residents aged 25 and older have completed fewer years of education than those in Brooklyn and NYC overall

	Bushwick & Williamsburg	Brooklyn	NYC
Up to 8th grade	23%	13%	12%
Some high school, no diploma	27%	18%	16%
High school diploma	25%	27%	25%
Some college, no degree	17%	20%	20%
College graduate	8%	22%	27%

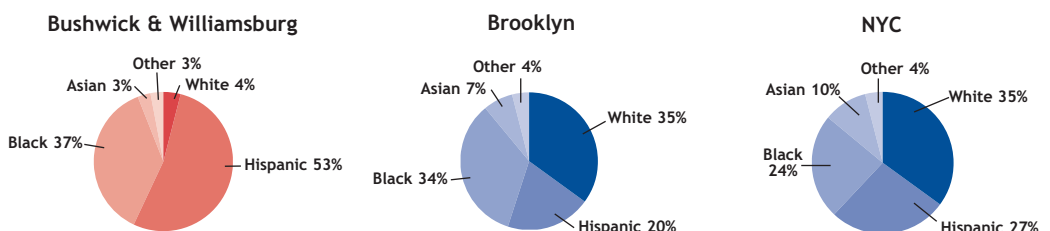
Foreign-born

The percent of Bushwick and Williamsburg residents born outside the U.S. is lower than in Brooklyn and NYC overall

Area	Percent
Bushwick & Williamsburg	27%
Brooklyn	38%
NYC	36%

Race / Ethnicity

Bushwick and Williamsburg have a higher proportions of black and Hispanic residents than NYC overall



Data Source: U.S. Census 2000/NYC Department of City Planning

Take Care Bushwick and Williamsburg



In 2004, the Health Department created a citywide health policy called **Take Care New York** (TCNY) to help improve the health of New Yorkers. TCNY identifies 10 key areas that cause significant illness and death but can be improved through intervention by individuals, health care providers, government agencies, and other organizations.

This report examines how well Bushwick and Williamsburg residents are doing on health indicators for each of the 10 TCNY goals. It examines areas in which the community is a health leader, as well as areas that need improvement. The TCNY report card below shows where Bushwick and Williamsburg rank among all 42 New York City neighborhoods. (See Technical Notes for information about how neighborhoods were defined and ranked.)

Take Care New York report card

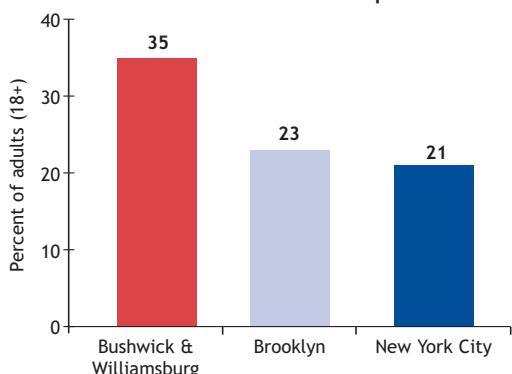
Bushwick and Williamsburg rank below average on most indicators when compared to the 41 other NYC neighborhoods

	Below Average (bottom 10)	Average (middle 22)	Above Average (top 10)
Take Care New York Goals			
1 Have a regular doctor	✓		
2 Be tobacco-free		✓	
3 Keep your heart healthy	✓		
4 Know your HIV status	✓		
5 Get help for depression	✓		
6 Live free of alcohol and drugs	✓		
7 Get checked for cancer		✓	
8 Get the immunizations you need	✓		
9 Make your home safe and healthy	✓		
10 Have a healthy baby		✓	

How Residents Rate Their Own Health

Overall health

More than 1 in 3 adults in Bushwick and Williamsburg consider themselves to be in fair or poor health



Percents are age-adjusted.
Data Source: NYC Community Health Survey 2002-03-04

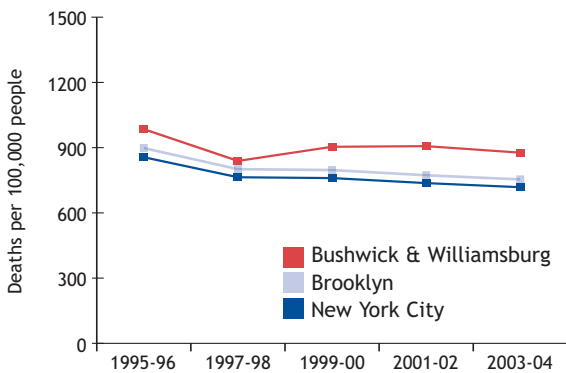
People are good at rating their own health. In general, when asked to rate their general health as excellent, very good, good, fair, or poor, those who say “fair” or “poor” are more likely to have health problems than those who report better health.

In Bushwick and Williamsburg, residents are more likely to report being in fair or poor health (35%) than those in Brooklyn (23%) and in New York City overall (21%).

Overall Death Rates in Bushwick and Williamsburg

Death rates

In Bushwick and Williamsburg, death rates are higher than in Brooklyn and NYC overall



Rates are age-adjusted.
Data Sources: Bureau of Vital Statistics, NYC DOHMH, 1995-2004; U.S. Census 1990 and 2000/NYC Department of City Planning

The death rate in Bushwick and Williamsburg has decreased by about 10% in the past decade, mirroring the rate drop in New York City overall but remaining higher than citywide rates.

In 2003-2004, the average annual death rate in Bushwick and Williamsburg was 15% higher than in Brooklyn and more than 20% higher than in New York City overall (877/100,000 vs. 754/100,000 in Brooklyn and 718/100,000 in NYC). Throughout this profile, cause-specific death rates are provided for TCNY goals.

Line graphs. All time-trend data are presented as annual averages with 2 or 3 years of data combined. For example, in this graph, the first point on each line represents the average annual death rate for 1995 and 1996 combined.

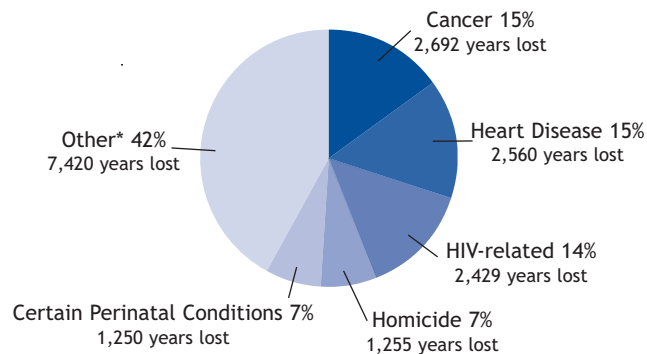
Premature death

People who die before age 75 can be thought of as dying early, or prematurely. If a person dies early, their years of potential life lost (YPLLs) can be calculated by subtracting their age at death from 75 years to get a measure of premature death.

The causes of premature death differ across communities. The primary cause of premature death in Bushwick and Williamsburg is cancer, as well as in both Brooklyn and New York City overall.

Top 5 causes of years of potential life lost

Cancer causes the most years of potential life lost in Bushwick and Williamsburg

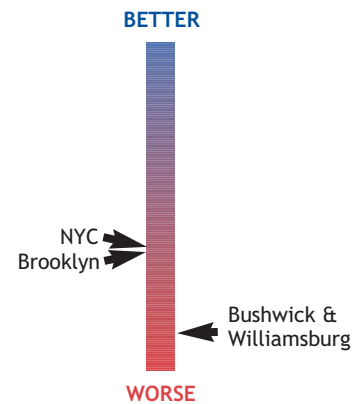


*Other includes Drug-related (6%), Congenital Conditions (3%), Chronic Lower Respiratory Disease (3%), Diabetes (3%), Accidents (3%), and Other (24%).

Data Source: Bureau of Vital Statistics, NYC DOHMH, 2002-04

Death before age 75

The 2003-2004 average annual death rate for people younger than 75 years in Bushwick and Williamsburg ranks poorly (37th) among 42 NYC neighborhoods



Data Sources: Bureau of Vital Statistics, NYC DOHMH, 2003-04; U.S. Census 2000/NYC Department of City Planning



Take Care New York Goals

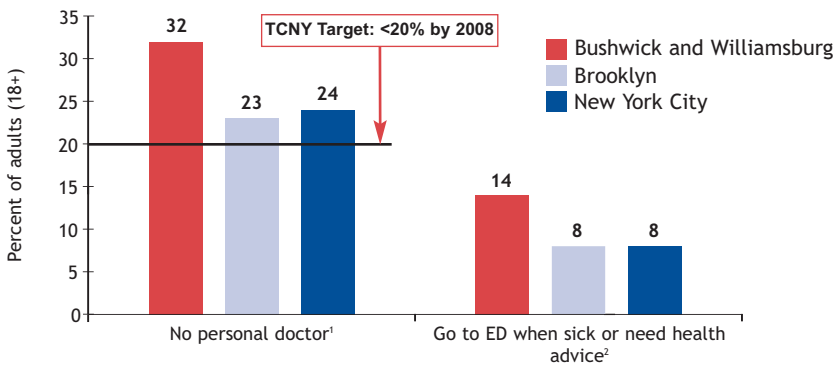
GOAL 1 Have a Regular Doctor or Other Health Care Provider

Access to good medical care helps people prevent illnesses, identify health conditions early, and treat health problems. Some conditions can and should be managed regularly outside the hospital. Higher rates of these avoidable hospitalizations can indicate reduced access to health care in a community.

Having a “medical home” — a personal doctor or other health care provider and a regular place of care other than the emergency department (ED) — is a critical component of good health care access. In Bushwick and Williamsburg, residents are more likely to be without a regular doctor (32%) than those in Brooklyn (23%) and NYC overall (24%). Also, Bushwick and Williamsburg adults are more likely to go to the ED when they are sick or need health advice than those in Brooklyn and NYC overall (14% vs. 8% in Brooklyn and NYC).

Access to care

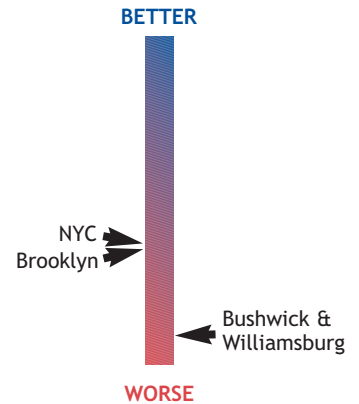
Without a primary provider, people may seek routine health care in the emergency department (ED)



Percents are age-adjusted.
Data Sources: ¹NYC Community Health Survey 2002-03-04, ²NYC Community Health Survey 2003-04

Avoidable hospitalizations

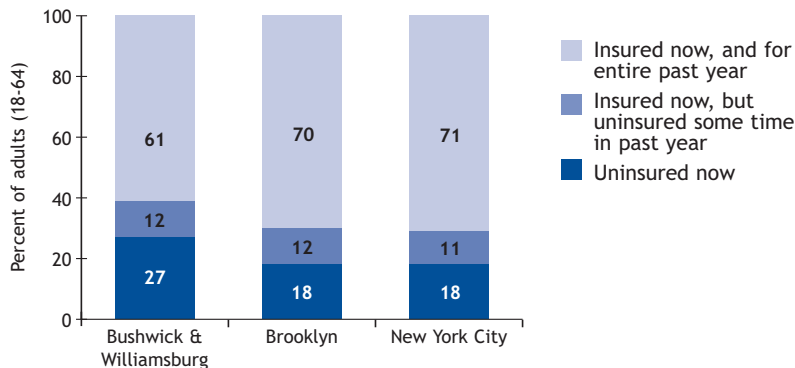
The 2004 avoidable hospitalization rate in Bushwick and Williamsburg ranks 38th among 42 NYC neighborhoods



Data Sources: New York State Department of Health Statewide Planning and Research Cooperative System, 2004; U.S. Census 2000/ NYC Department of City Planning

Health insurance

Nearly 2 in 5 adults in Bushwick and Williamsburg are uninsured or went without health insurance during the past year



Insurance rates are calculated for adults aged 18-64 and age-adjusted.
Data Source: NYC Community Health Survey 2002-03-04

Health insurance is important for access to health care. The rate of uninsurance in Bushwick and Williamsburg increased by more than 70% between 2002 and 2004. Although the size of this increase cannot be precisely estimated because of small sample size, the percent of adults without health insurance in this community has clearly gone up. Residents are more likely to be currently uninsured than those in Brooklyn and New York City overall. In addition, another 12% of Bushwick and Williamsburg residents went without health insurance at some time during the past year.

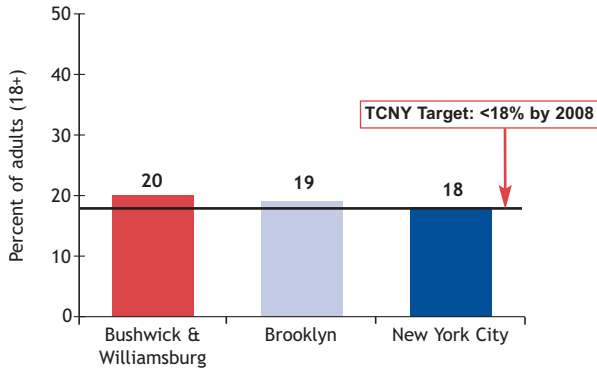


GOAL 2 Be Tobacco-Free

Smoking is the leading cause of preventable death in New York City and the cause of many illnesses, including heart disease, stroke, emphysema, and lung cancer. One fifth of Bushwick and Williamsburg residents (20%) currently smoke. Many methods to quit smoking are available, and nearly 8 in 10 smokers in Bushwick and Williamsburg (79%) are trying to kick the habit.

Residents who smoke

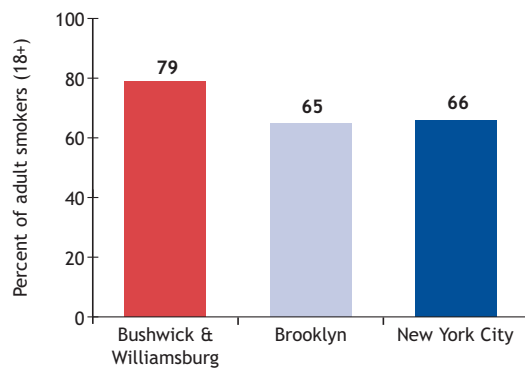
One in 5 adults in Bushwick and Williamsburg smokes . . .



Percents are age-adjusted.
Data Source: NYC Community Health Survey 2004

Attempts to quit smoking in the past year

. . . but most smokers are trying to quit



Percents are age-adjusted.
Data Source: NYC Community Health Survey 2004

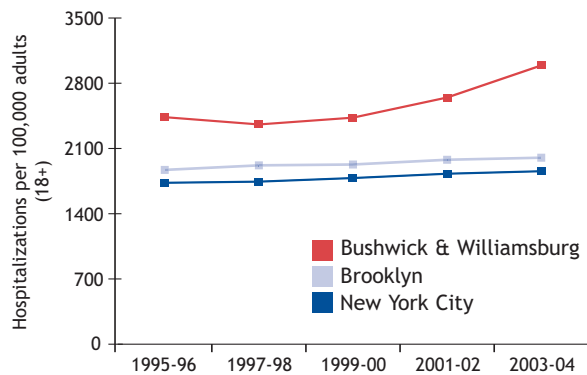


GOAL 3 Keep Your Heart Healthy

Heart disease can cause severe illness and death. Bushwick and Williamsburg residents had an average annual heart disease hospitalization rate in 2003-2004 that was almost 50% higher than the Brooklyn rate and 60% higher than the rate in NYC overall (2,991/100,000 vs. 2,001/100,000 in Brooklyn and 1,856/100,000 in NYC). Also, the heart disease hospitalization rate in this community has increased slightly in the past decade. The heart disease death rate in 2003-2004 (289/100,000) was 10% lower than the Brooklyn rate (326/100,000) and similar to the NYC overall rate (297/100,000).

Heart disease hospitalizations

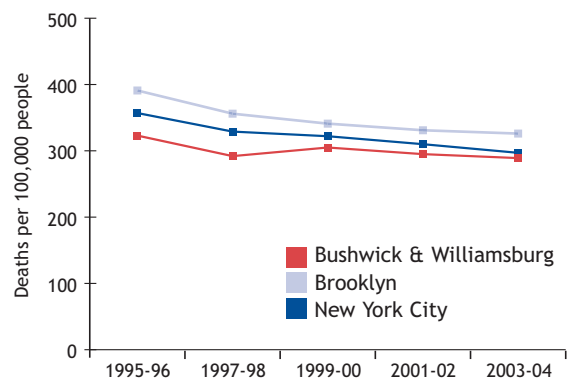
The heart disease hospitalization rate is higher in Bushwick and Williamsburg



Rates are age-adjusted.
Data Sources: New York State Department of Health Statewide Planning and Research Cooperative System, 1995-2004; U.S. Census 1990 and 2000/NYC Department of City Planning

Deaths due to heart disease

Heart disease is a leading cause of death in NYC



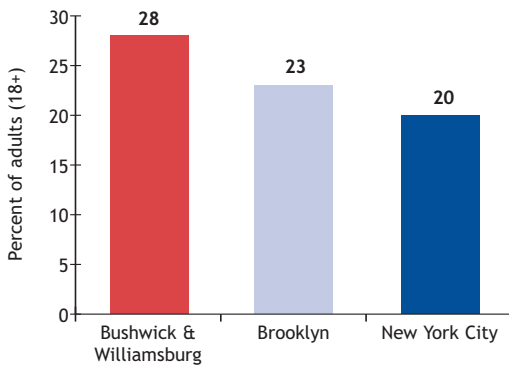
Rates are age-adjusted.
Data Sources: Bureau of Vital Statistics, NYC DOHMH, 1995-2004; U.S. Census 1990 and 2000/NYC Department of City Planning

High blood pressure and high cholesterol. Both of these conditions contribute to heart disease. In Bushwick and Williamsburg, 33% of adults were told by a health care professional that they have high blood pressure (similar to 28% in Brooklyn and 26% in NYC overall), and more than one quarter (29%) were told that they have high cholesterol (similar to 26% in Brooklyn and NYC overall).

Percents are age-adjusted. Data Source: NYC Community Health Survey 2002

Obesity

More than 1 in 4 adults in Bushwick and Williamsburg are obese



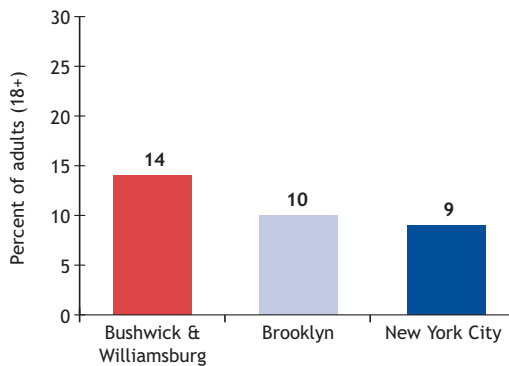
Obesity is defined as a body-mass-index (BMI) of 30 or greater. Percents are age-adjusted.
Data Source: NYC Community Health Survey 2002-03-04

In addition to smoking, high blood cholesterol and high blood pressure, other factors that put people at risk for heart disease — lack of physical activity and obesity — can be prevented or controlled.

Obesity can lead to a variety of health problems, including heart disease and diabetes. Rates of obesity are increasing rapidly in New York City and across the U.S., making it a major public health concern. In Bushwick and Williamsburg, adults are more likely to be obese than adults in Brooklyn and New York City overall (28% vs. 23% in Brooklyn and 20% in NYC).

Diabetes

Adults are more likely to have diabetes in Bushwick and Williamsburg



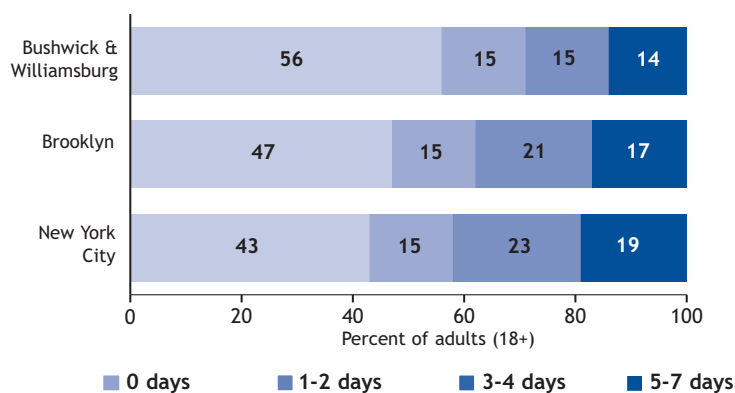
Percents are age-adjusted.
Data Source: NYC Community Health Survey 2002-03-04

The increasing prevalence of obesity in the U.S. has contributed to an epidemic of diabetes. About 95% of diabetes cases are type 2 diabetes, which is strongly associated with obesity. Uncontrolled diabetes can worsen the harmful effects of high blood pressure, high cholesterol, and other risk factors for heart disease.

In Bushwick and Williamsburg, adults are more likely to have diabetes (14%) than in Brooklyn (10%) and New York City overall (9%).

Days per week of recreational exercise

Exercise habits in Bushwick and Williamsburg are less healthy compared to New York City overall



Survey Question: On average, how many days per week do you exercise for at least 30 minutes?
Percents are age-adjusted.
Data Source: NYC Community Health Survey 2003

Physical activity helps people maintain a healthy weight and strengthens the cardiovascular system. More than half of Bushwick and Williamsburg residents (56%) report not exercising at all, compared to 43% of New York City residents. Only about 3 in 10 Bushwick and Williamsburg residents (29%) report exercising at least 3 days a week.

Centers for Disease Control and Prevention Recommendations

Adults should do either 20 minutes of vigorous exercise 3 times per week or 30 minutes of moderate exercise 5 times per week.



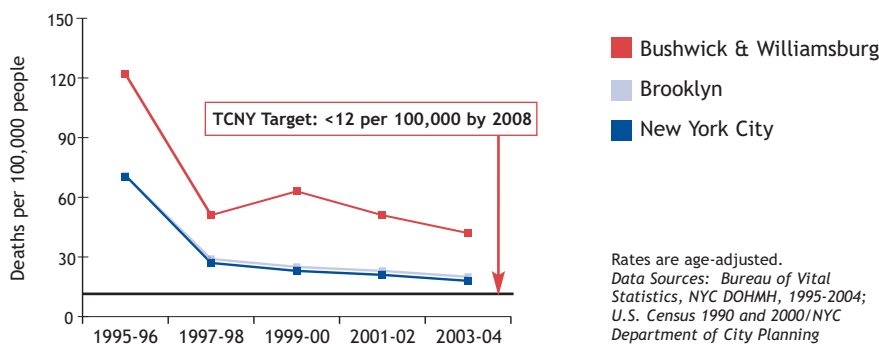
GOAL 4 Know Your HIV Status

Wide disparities exist in HIV across New York City communities. This is particularly apparent in Bushwick and Williamsburg, where the rate of HIV diagnoses is more than 35% higher than the NYC overall rate, and the rate of people living with HIV/AIDS in the community is 55% higher than the rate in NYC overall.

The death rate due to HIV disease has dropped by 65% during the past decade in this community. However, in 2003-2004, the average annual HIV-related death rate in Bushwick and Williamsburg was still more than twice the Brooklyn and NYC overall rates (42/100,000 vs. 20/100,000 in Brooklyn and 18/100,000 in NYC).

Death rate due to HIV

HIV-related death rates have dropped dramatically in the past decade but remain higher in Bushwick and Williamsburg



HIV/AIDS in 2004

Total HIV diagnoses per 100,000 people* (13+)

Bushwick & Williamsburg	75
Brooklyn	50
New York City	55

% HIV diagnosed concurrently with AIDS** (13+)

Bushwick & Williamsburg	25%
Brooklyn	31%
New York City	29%

People living with HIV/AIDS per 100,000 people*(13+)

Bushwick & Williamsburg	2,223
Brooklyn	1,183
New York City	1,419

*Rates are age-adjusted.
**Within 31 days of HIV diagnosis – crude percents
Data Source and Analysis: HIV Epidemiology Program, NYC DOHMH, 2004

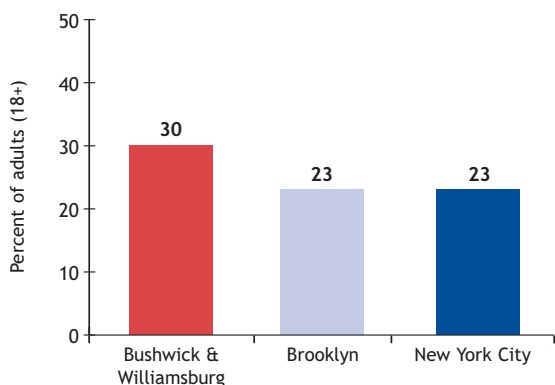
HIV/AIDS testing and prevention

Everyone should know their HIV status. However, an estimated one quarter of New Yorkers living with HIV do not know they are infected, delaying treatment and increasing the risk that they will transmit the disease to others. Only 3 in 10 Bushwick and Williamsburg adults have been tested for HIV in the past year. In addition, one quarter of positive HIV test results (25%) are “late” diagnoses (HIV has already progressed to AIDS) in this community.

The most common way people get HIV is through sexual contact, and having multiple sex partners increases the risk of HIV. Condoms offer protection from HIV when engaging in sexual activities. Fewer than 1 in 4 (24%) Bushwick and Williamsburg adults who had more than 1 sex partner in the past year reported using a condom at their last sexual encounter.

HIV testing

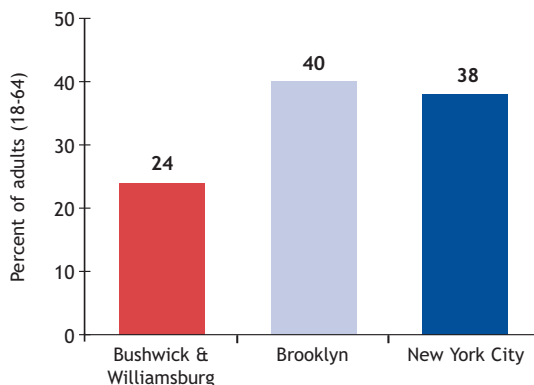
Fewer than 1 in 3 Bushwick and Williamsburg adults has had an HIV test in the past year



Percents are age-adjusted.
Data Source: NYC Community Health Survey 2003

Condom use at last sexual encounter

Fewer than 1 in 4 Bushwick and Williamsburg adults with multiple sex partners used a condom



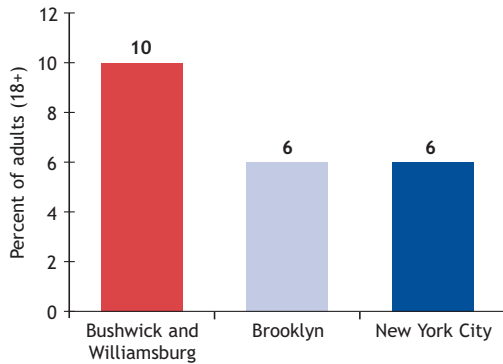
Analysis limited to adults aged 18-64 who reported having >1 sex partner in the past year, excluding women who reported having sex only with women. Percents are age-adjusted.
Data Source: NYC Community Health Survey 2002-03-04



GOAL 5 Get Help for Depression

Psychological distress

One in 10 adults in Bushwick and Williamsburg suffers from serious psychological distress



Serious psychological distress can be identified in individuals using Kessler's K6 scale, a validated measure consisting of 6 simple questions about mood. Percents are age-adjusted.

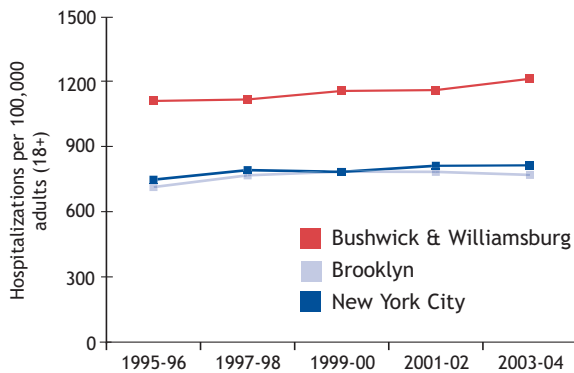
Data Source: NYC Community Health Survey 2002-03

Depression is a serious but treatable health condition that frequently goes undiagnosed. Serious psychological distress is associated with depression and other mental illnesses.

In Bushwick and Williamsburg, adults are more likely to experience serious psychological distress than in Brooklyn and NYC overall.

Mental illness

Hospitalizations for mental illness are higher in Bushwick and Williamsburg



Rates are age-adjusted.

Data Sources: New York State Department of Health Statewide Planning and Research Cooperative System, 1995-2004; U.S. Census 1990 and 2000/NYC Department of City Planning

Hospitalization rates are one way to look at serious mental illness in a neighborhood. Residents in Bushwick and Williamsburg have had a higher mental illness hospitalization rate over the past 10 years (excluding alcohol- or drug-related illness) than residents in Brooklyn and in New York City overall. Also, the mental illness hospitalization rate has increased slightly during the past decade.

In 2003-2004, the community's average annual rate of mental illness hospitalizations (1,211/100,000) was higher than both the Brooklyn rate (769/100,000) and the rate in New York City overall (813/100,000).

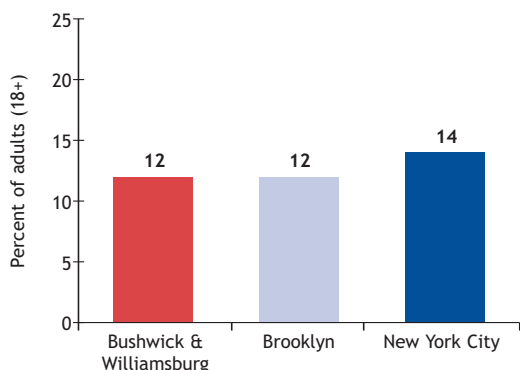
Understanding hospitalizations and access to health care. Hospitalization data are useful in understanding the burden that certain conditions place on the health care system, but not necessarily in measuring the exact extent of illness in a community. Variations in hospitalization rates may reflect not only differences in rates of illness, but also differences in access to health care. For example, the kinds of health institutions available to residents differ by community, as might the ability of residents to pay for those resources. If a community has a specialized residential institution for a certain type of disease, such as mental illness or stroke, people from outside that neighborhood may come to reside at this institution for care, resulting in an increase in reported hospitalizations for that disease in the community.



GOAL 6 Live Free of Dependence on Alcohol and Drugs

Binge drinking

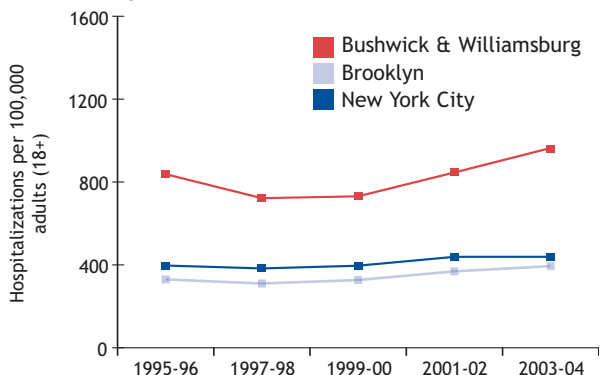
More than 1 in 10 adults in Bushwick and Williamsburg engaged in binge drinking in the past month



Percents are age-adjusted. Data Source: NYC Community Health Survey 2002-03-04

Alcohol-related hospitalizations

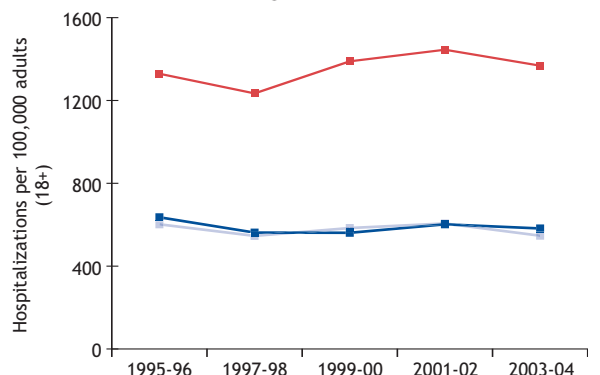
The alcohol-related hospitalization rate in Bushwick and Williamsburg is twice the NYC rate



Rates are age-adjusted. Data Sources: New York State Department of Health Statewide Planning and Research Cooperative System, 1995-2004; U.S. Census 1990 and 2000/NYC Department of City Planning

Drug-related hospitalizations

The drug-related hospitalization rate in Bushwick and Williamsburg is double the NYC rate



Rates are age-adjusted. Data Sources: New York State Department of Health Statewide Planning and Research Cooperative System, 1995-2004; U.S. Census 1990 and 2000/NYC Department of City Planning

The abuse of alcohol and drugs can lead to many preventable injuries, illnesses, and deaths, including injury in motor-vehicle crashes, liver disease, and violence.

Estimates of binge drinking represent the risk of immediate alcohol-related problems, such as alcohol-poisoning, injury and violence. In Bushwick and Williamsburg, 12% of adults report engaging in at least one episode of binge drinking (defined as consuming 5 or more drinks on one occasion) in the past month.

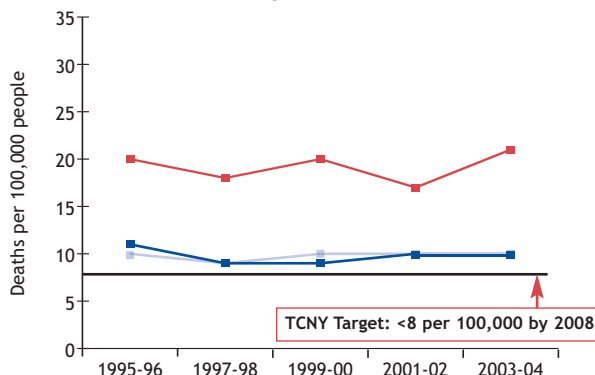
Alcohol-related hospitalizations reflect both acute and chronic (e.g., liver disease) consequences of alcohol abuse. The alcohol-related hospitalization rate in Bushwick and Williamsburg has increased in the past decade. In 2003-2004, the average annual alcohol-related hospitalization rate in this community was higher than in Brooklyn and in New York City overall (964/100,000 vs. 394/100,000 in Brooklyn and 439/100,000 in NYC).

The drug-related hospitalization rate in 2003-2004 was also higher (1,368/100,000) than in Brooklyn (547/100,000) and New York City overall (595/100,000).

The death rate due to drugs in 2003-2004 was more than twice as high in Bushwick and Williamsburg as in NYC overall (21/100,000 vs. 10/100,000).

Drug-related deaths

The drug-related death rate is twice as high in Bushwick and Williamsburg as in NYC overall



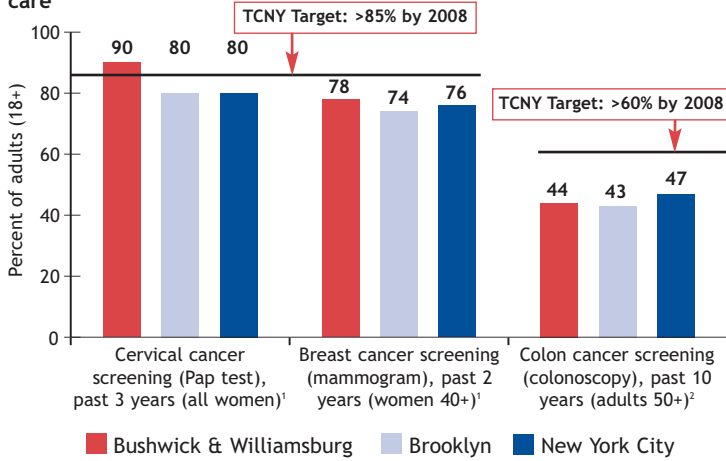
Rates are age-adjusted. Data Sources: Bureau of Vital Statistics, NYC DOHMH, 1995-2004; U.S. Census 1990 and 2000/NYC Department of City Planning



GOAL 7 Get Checked for Cancer

Cancer screenings

Cancer screening is an important part of regular preventive health care



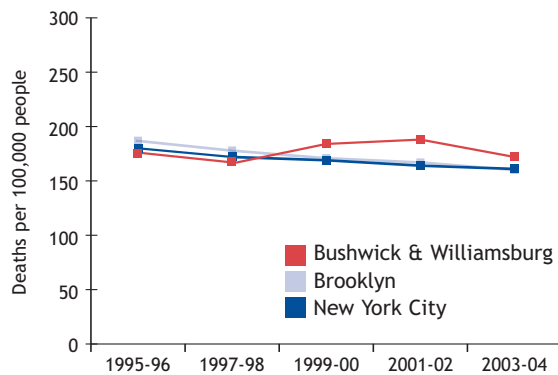
Percents are age-adjusted. Data Sources: ¹NYC Community Health Survey 2002 & 2004, ²NYC Community Health Survey 2003-04

Cancer screening can save lives by preventing disease, catching cancer in its early stages and providing opportunities for treatment. TCNY has set specific screening targets for cervical, breast, and colon cancers.

Women in Bushwick and Williamsburg are more likely to get regular Pap tests for cervical cancer than women in Brooklyn and NYC overall. Also, women in this community are getting mammograms for breast cancer at a rate approaching the TCNY target. However, less than half of adults aged 50 and older in Bushwick and Williamsburg have had a colonoscopy in the past 10 years.

Cancer deaths

Death rates due to cancer are similar in Bushwick and Williamsburg, Brooklyn and NYC overall



Rates are age-adjusted. Data Sources: Bureau of Vital Statistics, NYC DOHMH, 1995-2004; U.S. Census 1990 and 2000/ NYC Department of City Planning

The death rate due to cancer has remained fairly steady in Bushwick and Williamsburg during the past decade. The 2003-2004 average annual cancer death rate was similar to both the Brooklyn and NYC overall rates (172/100,000 vs. 160/100,000 in Brooklyn and 161/100,000 in NYC).

Preventing cancer and related deaths. Individuals can reduce their risk of the most common cancers. Never smoking or quitting the habit greatly reduces the risk of lung and other cancers. High colon and breast cancer death rates highlight the importance of getting recommended screenings so treatment can begin early.

The highest cancer-related death rates among men in Bushwick and Williamsburg are due to lung, prostate, and colon cancers. Among women, lung, breast, and colon cancers are the top 3 causes of cancer-related death.

Highest cancer death rates in Bushwick and Williamsburg (2003-2004)						
MEN	DEATHS / 100,000 PEOPLE		WOMEN	DEATHS / 100,000 PEOPLE		
	Bushwick & Williamsburg	NYC		Type of Cancer	Bushwick & Williamsburg	NYC
	Lung, trachea, bronchus	60	51	Lung, trachea, bronchus	34	28
	Prostate	23	25	Breast	34	26
	Colorectal	20	23	Colorectal	15	17
	Blood-related	14	18	Blood-related	12	12
	Liver	14	10	Ovary	10	8

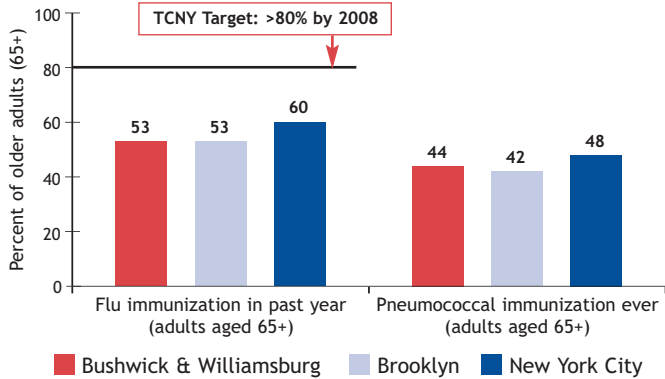
Rates are age-adjusted. Data Sources: Bureau of Vital Statistics, NYC DOHMH, 2003-2004; U.S. Census 2000/ NYC Department of City Planning



GOAL 8 Get the Immunizations You Need

Immunizations

Flu shot rates among older adults fall below the TCNY target and pneumococcal (pneumonia) immunizations are even lower



Data Source: NYC Community Health Survey 2002-03-04

Immunizations are not just for kids. Of all the deaths that could have been prevented by vaccination, 99% occur in adults. **Take Care New York** has set a target that more than 80% of adults aged 65 and older will get an annual flu (influenza) shot by 2008. The Bushwick and Williamsburg flu immunization rate among older adults falls short of the TCNY target by more than 30%.

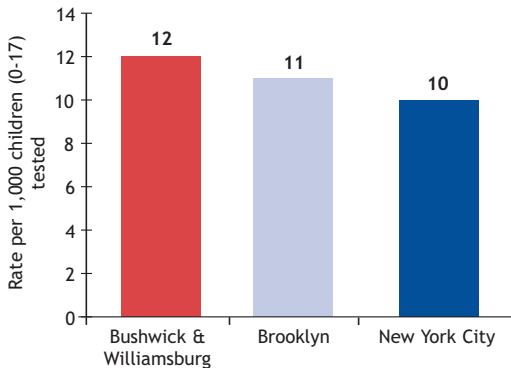
Immunization rates for pneumonia are lower than those for flu across NYC. Less than half of older adults in Bushwick and Williamsburg have ever received the pneumococcal vaccine, which protects against one common cause of pneumonia.



GOAL 9 Make Your Home Safe and Healthy

Childhood lead poisoning

Lead poisoning among young children continues to be a problem



Lead poisoning is defined as a blood lead level ≥ 10 $\mu\text{g}/\text{dL}$.

Data Source and Analysis: Lead Poisoning Prevention Program, NYC DOHMH, 2004

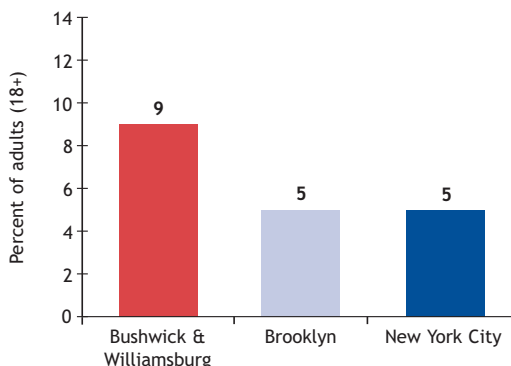
Childhood lead poisoning is a health problem that may be associated with decreased intelligence, learning and behavioral problems, and delayed growth and development. While the number of lead-poisoned children (0-17 years old) in New York City has declined dramatically over the past decade, the Health Department aims to eliminate lead poisoning by preventing children's exposure to lead-based paint and other sources of lead.

In 2004, 196 children in Bushwick and Williamsburg (12/1,000) were newly identified with lead poisoning (blood lead level greater than or equal to 10 $\mu\text{g}/\text{dL}$).

Asthma in Adults and Children

Asthma

Adults are more likely to have asthma in Bushwick and Williamsburg



Percents are age-adjusted.

Data Source: NYC Community Health Survey 2002-03-04

Conditions, or "triggers," in the home environment, such as the presence of second-hand smoke or dust, can cause asthma attacks. Some housing conditions associated with asthma triggers, such as rodent or roach infestation, are more common in some neighborhoods than others.

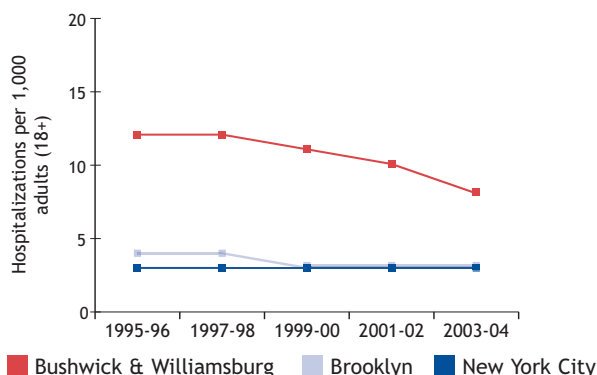
Adults are more likely to report having asthma in Bushwick and Williamsburg than in Brooklyn and New York City overall (9% vs. 5% in Brooklyn and NYC).

Neighborhood asthma hospitalization rates depend in part on the percent of residents who have asthma. However, good medical management of asthma can prevent many asthma-related hospitalizations, and patients can work with health care providers to better control their asthma. Thus, the asthma hospitalization rate can also indicate poor access to health care.

Asthma hospitalization rates for both adults and children (0-17 years old) in Bushwick and Williamsburg have decreased in the past decade. However, the average annual hospitalization rate due to adult asthma in 2003-2004 was more than double the rate in Brooklyn and NYC overall. Also, the rate among children in 2003-2004 was nearly double the NYC overall rate.

Adult asthma hospitalizations

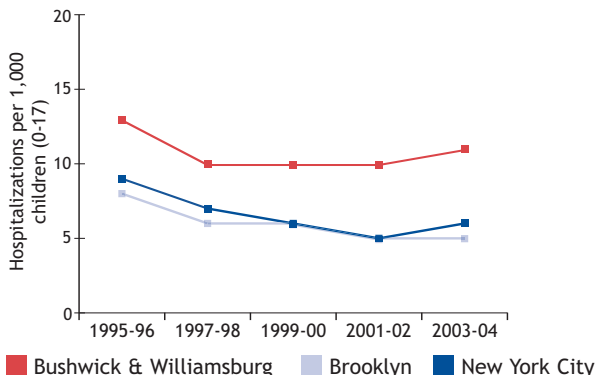
Rates of asthma hospitalization have decreased but remain higher in Bushwick and Williamsburg



Rates are age-adjusted.
Data Sources: New York State Department of Health Statewide Planning and Research Cooperative System, 1995-2004; U.S. Census 1990 and 2000/NYC Department of City Planning

Child asthma hospitalizations

The child asthma hospitalization rate is higher in Bushwick and Williamsburg



Data Sources: New York State Department of Health Statewide Planning and Research Cooperative System, 1995-2004; U.S. Census 1990 and 2000/NYC Department of City Planning

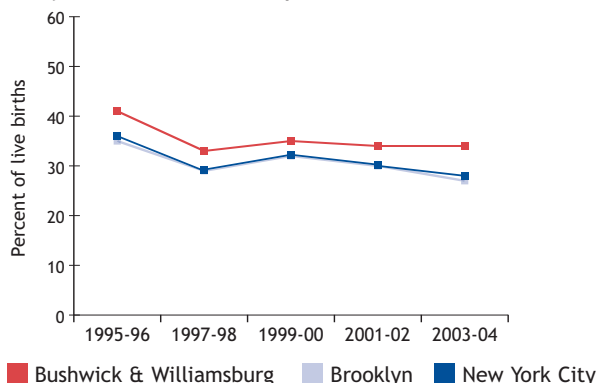
TAKE CARE NEW YORK Goal 10 Have a Healthy Baby

The health of babies depends on the health of mothers. Good health care for pregnant women includes high quality prenatal care beginning in the first trimester of pregnancy. In Bushwick and Williamsburg, the average annual percent of women who received late or no prenatal care has declined by more than 15% in the past decade. However, the 2003-2004 percent (34%) was higher than in Brooklyn (27%) and NYC overall (28%).

Teenage mothers and their babies face a number of risks. Pregnant teens are more likely to be poor and not complete high school than other teens, and they are more likely to have babies born with low birthweight than older women. The birth rate to teenage mothers has decreased over the past 10 years by more than 35% in Bushwick and Williamsburg. However, the average birth rate to teen moms in 2003-2004 in this community (117/1,000) was still more than 50% higher than in Brooklyn (73/1,000) and NYC overall (75/1,000).

Prenatal care

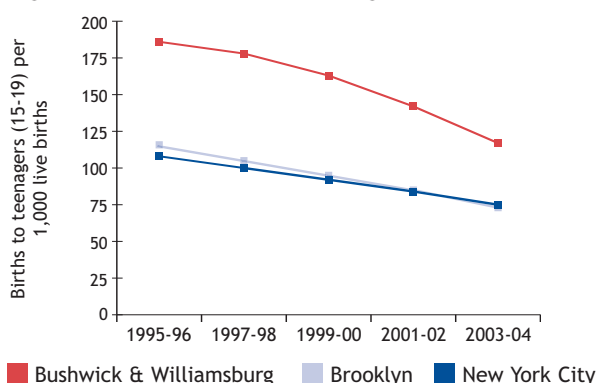
Mothers in Bushwick and Williamsburg are more likely to receive late or no prenatal care



Data Source: Bureau of Vital Statistics, NYC DOHMH, 1995-2004

Teenage mothers

The birth rate to teenage mothers (15-19 years) is higher in Bushwick and Williamsburg



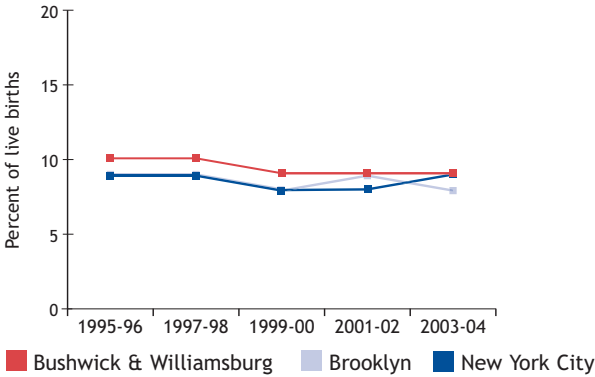
Data Source: Bureau of Vital Statistics, NYC DOHMH, 1995-2004

Babies born with low birthweight tend to have more health problems than others. The average percent of babies born with low birthweight in Bushwick and Williamsburg has decreased slightly in the past decade to 9% in 2003-2004 — the same as in NYC overall.

Infant mortality (the death of babies in the first year of life) has declined over the past 10 years in Bushwick and Williamsburg and in NYC overall. However, the 2002-2004 rate in this community (8/1,000) was still higher than in NYC overall (6/1,000).

Low birthweight

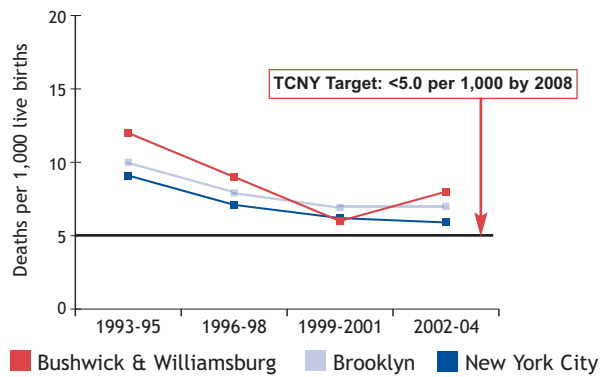
About 1 in 10 babies in Bushwick and Williamsburg is born with low birthweight



Low birthweight is defined as <2,500 grams (5.5 pounds).
Data Source: Bureau of Vital Statistics, NYC DOHMH, 1995-2004

Infant mortality rate (IMR)

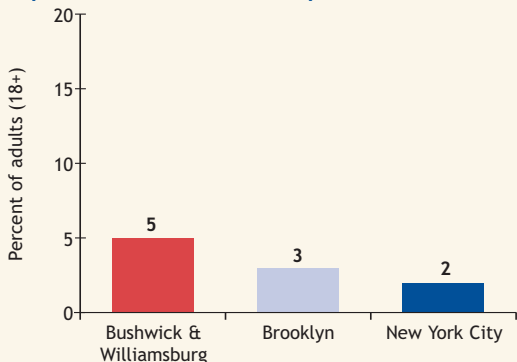
The IMR in Bushwick and Williamsburg is higher than in NYC overall



Data Source: Bureau of Vital Statistics, NYC DOHMH, 1993-2004

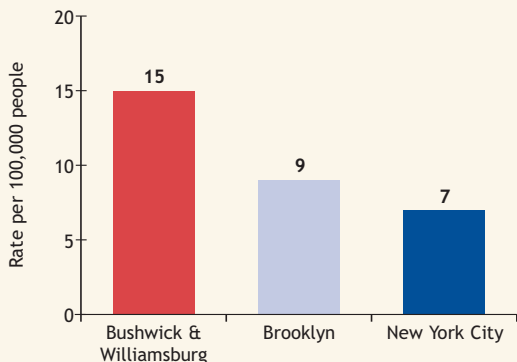
Neighborhood Health Highlight: Interpersonal Violence

One in 20 adults in Bushwick and Williamsburg report fear of an intimate partner



Percents are age-adjusted.
Data Source: NYC Community Health Survey 2002-04

Bushwick and Williamsburg have a higher rate of homicide than NYC overall



Rates are age-adjusted.
Data Sources: Bureau of Vital Statistics, NYC DOHMH, 2003-04; U.S. Census 2000

Every New York City neighborhood has different health concerns. Here we highlight interpersonal violence in Bushwick and Williamsburg.

Interpersonal violence affects the health of communities and their residents. Bushwick and Williamsburg shoulder a high burden of violence. Two measures of violence, the homicide rate and the rate of self-reported fear of an intimate partner, are high for this community in comparison to New York City overall.

New York City residents were asked: “In the past 12 months, have you been frightened for the safety of yourself, your children or friends because of the anger or threats of an intimate partner?” Reports of being afraid were twice as common among adults in Bushwick and Williamsburg (5%) as among adults in New York City overall (2%).

The death rate due to assault (homicide) in Bushwick and Williamsburg is twice as high as in New York City overall (14/100,000 vs. 7/100,000).

TAKING ACTION

Violence in and outside the home affect the entire community. Neighborhoods can come together and **take a stand against violence in their communities.**

Domestic violence is against the law. Anyone being threatened or physically hurt by a partner can call the **domestic violence hotline at 800-621-HOPE (4673)**. Help is available to everyone, regardless of income or immigration status.

Technical notes

Analyses

All analyses were conducted by the Bureau of Epidemiology Services, NYC DOHMH, unless otherwise indicated. All estimates in this report were age standardized to the Year 2000 Standard Population, except for age-specific data and mother-child health indicators. All CHS analyses were done in SUDAAN to account for complex survey design and were weighted to the New York City population according to the U.S. Census 2000.

Data sources

NYS DOH hospitalization data: Includes hospitalizations of NYC residents that occurred anywhere in New York State. Patient zip code was used to classify hospitalizations into 42 neighborhoods. Data from 1995-2003 updated in April 2005; 2004 data updated in July 2005.

Vital Statistics data: Includes births and deaths of NYC residents that occurred within New York City. Data were combined across years to increase statistical stability and average annual rates are presented. In addition, infant mortality rates (IMR) were calculated as 3-year annual averages, and this statistic and others may differ from the presentation in "Summary of Vital Statistics" reports from the Bureau of Vital Statistics, NYC DOHMH.

Community Health Survey data: The NYC Community Health Survey (CHS) is an annual random-digit-dial telephone survey of approximately 10,000 adults in New York City. This profile uses the following datasets from this survey: NYC CHS 2002, NYC CHS 2003, NYC CHS 2004, NYC CHS 2002-03-04, NYC CHS 2002-03, NYC CHS 2002 & 2004, and NYC CHS 2003-04. The combined-year datasets increase statistical power, allowing for more stable analyses at the neighborhood level.

Neighborhood Definitions

The 42 NYC neighborhoods are based on the United Hospital Fund definitions of neighborhood, which are specified by zip code. For a complete listing of all 42 neighborhoods and their zip codes, go to nyc.gov/health. The zip codes included in analyses of Bushwick and Williamsburg are 11206, 11221, and 11237. Please note that some neighborhoods were combined for statistical purposes in the CHS 2002, CHS 2003 and CHS 2004 datasets to make a total of 33 (2002) or 34 (2003, 2004) neighborhoods.

Avoidable Hospitalizations

Data based on Ambulatory Care Sensitive Conditions (called "avoidable hospitalizations" in this report) were calculated using the Agency for Healthcare Research and Quality (AHRQ) classification of inpatient hospitalization data. Conditions in the overall measure include: Diabetes Short-term Complications Admission Rate, Diabetes Long-term Complications Admission Rate, Pediatric Asthma Admission Rate, Chronic Obstructive Pulmonary Disease Admission Rate, Pediatric Gastroenteritis Admission Rate, Hypertension Admission Rate, Congestive Heart Failure Admission Rate, Dehydration Admission Rate, Bacterial Pneumonia Admission Rate, Urinary Tract Infection Admission Rate, Angina without Procedure Admission Rate, Uncontrolled Diabetes Admission Rate, Adult Asthma Admission Rate, and Rate of Lower-extremity Amputation among Patients with Diabetes.

Significance Testing

For all data, 95% confidence limits were calculated for neighborhood, borough, and NYC estimates. If these ranges did not overlap, a significant difference was inferred. This is a conservative measure of statistical difference. This methodology also was used to examine differences between years in neighborhood trend data. *Only robust findings found to be statistically significant are discussed in the text.* Neighborhood Health Highlight data were evaluated using t-tests with a significance level of p-value ≤ 0.05 . In addition, all NYC CHS estimates were evaluated for statistical stability using the relative standard error (RSE). Those estimates with an RSE $> .30$ are flagged in graphs, "Estimate is unstable due to small sample size and should be interpreted with caution."

TCNY report card

The neighborhood was classified according to where it ranked in comparison to the other 41 NYC neighborhoods with Above Average = rankings 1-10, Average = rankings 11-32, and Below Average = rankings 33-42 where 1 = the best neighborhood score. Rankings were computed by combining (or in some cases, using only one indicator) standardized measures (z-scores) of the following health indicators for each TCNY goal: TCNY#1 - primary care provider, insurance, ED visits; TCNY#2 - current smokers; TCNY#3 - diabetes, obesity, exercise, heart disease hospitalizations, heart disease mortality; TCNY#4 - HIV testing, AIDS mortality; TCNY#5 - serious psychological distress, mental illness hospitalizations; TCNY#6 - binge drinking, alcohol-related hospitalizations, drug-related hospitalizations, drug-related mortality; TCNY#7 - cervical cancer screening, breast cancer screening, colon cancer screening, cancer mortality; TCNY#8 - flu immunization; TCNY#9 - child lead poisoning, adult asthma rates; TCNY#10 - prenatal care, teenage mothers, low birthweight, infant mortality.

Cover Photograph: Willoughby Avenue looking toward Maria Hernandez Park, Brooklyn. Photo by Ernesha K. Webb. Maps by Susan Resnick.

Thank you to all the individuals who contributed to these reports: Sonia Angell, Fatima Ashraf, Birgit Bogler, Shadi Chamany, Louise Cohen, Lorna Davis, Erica Desai, Tamara Dumanovsky, Donna Eisenhower, Jennifer Ellis, Tim Frasca, Stephen Friedman, Renu Garg, Chris Goranson, Leena Gupta, Charon Gwynn, David Hanna, Kelly Henning, Mary Huynh, John Jasek, Qun Jiang, Deborah Kaplan, Adam Karpati, Elizabeth Kilgore, Marty Kim, Vani Kurup, Brooke Levinson, Cortnie Lowe, Jingsong Lu, Xiaowu Lu, Jenna Mandel-Ricci, Thomas Matte, Tina McVeigh, Rachel Miller, Trang Nguyen, Leze Nicaj, Preeti Pathela, Robyn Philburn, Jane Plapinger, Chitra Ramaswamy, Judy Sackoff, Julia Schillinger, Tejinder Singh, Sally Slavinski, Catherine Stayton, Parisa Tehranifar, William Vaughn, Joshua Volle, Joyce Weinstein, Kellee White, Candace Young, and Regina Zimmerman.

Community Health Profile for Bushwick and Williamsburg

This report is an updated, expanded second edition of the 2002 Community Health Profile for Bushwick and Williamsburg.

NEW IN THE SECOND EDITION:

- Take Care New York report card
- Time-trend data on births, hospitalizations, and deaths
- More neighborhood-specific health statistics
- Robust estimates from data through 2004

First and second edition reports on all 42 New York City neighborhoods are available from the New York City Department of Health and Mental Hygiene online or by mail.

Web: nyc.gov/health
Click on "My Community's Health"

Email: profiles@health.nyc.gov

Mail:

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New York City Department of Health and Mental Hygiene
Division of Epidemiology
125 Worth Street, Room 315, CN-6
New York, NY 10013

**For more information about health issues
in this report,
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Inside

Community-specific information on . . .

Census Data	2
TCNY Report Card	3
Death Rates	4

Take Care New York

Have a Regular Doctor	5
Be Tobacco Free	6
Keep Your Heart Healthy	6
Know Your HIV Status	8
Get Help for Depression	9
Live Free of Dependence on Alcohol and Drugs	10
Get Checked for Cancer	11
Get the Immunizations You Need	12
Make Your Home Safe and Healthy	12
Have a Healthy Baby	13

Neighborhood Health Highlight	14
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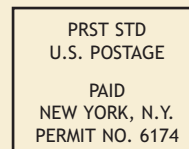


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NYC Community Health Profiles, Second Edition feature information about 42 neighborhoods in New York City.

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