

# A Policy for a Healthier New York City

# Five-Year Progress Report

September 2013



### From the Commissioner

Dear Fellow New Yorker:

New York City has long been a leader in addressing public health challenges, dating back to the 1800s when the city's Department of Health and Mental Hygiene helped improve water safety and sanitation to combat cholera. The Health Department has since gained international acclaim for its success in developing effective, innovative strategies to address smoking, obesity and other health problems facing large and diverse populations.

While today's health challenges are vastly different than those we conquered three centuries ago, the Department remains dedicated to helping New Yorkers live longer, healthier lives. Take Care New York is a one such innovation designed to mobilize our city against the modern-day health problems.



Launched in 2004, Take Care New York set a robust agenda by focusing on the most important issues affecting health and encouraging New Yorkers to adopt proven interventions. Take Care New York 2012 set new priorities and focused on making changes to our physical and social environments, while working to improve health care and promote healthy behaviors.

New Yorkers are living proof of the impact of Take Care New York — life expectancy is at an all-time high and infant mortality is at an historical low. We didn't meet all of our targets for 2012, but important health indicators are moving in a positive direction.

This report documents the progress of the Take Care New York 2012 agenda, and represents years of effort on the part of the Health Department and the more than 600 Take Care New York partners who are committed to a healthier city.

Sincerely,

Thomas Farley, MD MPH

Commissioner

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### Introduction

Take Care New York is the Health Department's comprehensive health policy agenda to help New Yorkers live longer and healthier lives. First launched in 2004, Take Care New York identified 10 steps New Yorkers could take to improve their health. Following the success of the first Take Care New York agenda, the Department launched a second iteration, Take Care New York 2012, and set new goals for 10 key areas, selected for their public health importance and potential for improvement. Take Care New York 2012 has established a unifying set of goals for New York City — prompting policymakers, organizations and individuals to take action to make New York a healthier city to live, work and play.

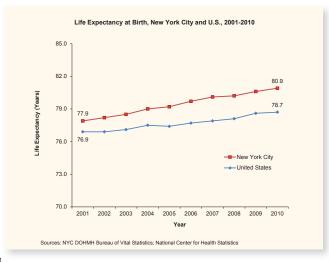
This five-year progress report provides updates on the Take Care New York priority areas since 2007 and the Health Department's efforts to tackle the leading causes of preventable illness and premature death among New Yorkers. Each chapter provides an update on key agency initiatives and indicators measuring progress within these 10 priority areas:

- Promote Quality Health Care for All
- Be Tobacco Free
- Promote Physical Activity and Healthy Eating
- Be Heart Healthy
- Stop the Spread of HIV and Other Sexually Transmitted Infections
- Recognize and Treat Depression
- Reduce Risky Alcohol Use and Drug Dependence
- Prevent and Detect Cancer
- Raise Healthy Children
- Make All Neighborhoods Healthy Places

The Health Department set ambitious targets for more than 45 indicators within the 10 priority areas. Initiatives designed to meet those targets fall within three categories:

- Policies: Initiatives that will improve environmental, economic and social conditions affecting health, including laws, regulations and other policies.
- Prevention, Quality and Access: Initiatives emphasizing preventive health care, improving the quality of care and expanding access to care.
- Health Promotion: Initiatives that inform, educate and engage New Yorkers in improving their health and the health of their communities.

Case studies for each of these categories are featured on pages 15 to 17.



Take Care New York 2012 succeeded in making progress toward the majority of its targets. Thanks to these efforts:

- Life expectancy among New Yorkers is at an all-time high of 80.9 years, and has increased for both males and females, across all racial and ethnic groups and neighborhood-poverty levels, and has outpaced national trends.
- Over 3,100 health care providers across the city have adopted prevention-oriented electronic health records.
- Fewer New Yorkers are smoking smoking rates decreased 8% since 2007, and 28% since 2002.
- Fewer New Yorkers are drinking one or more sugar-sweetened beverages per day, and more are eating at least one serving of a fruit or vegetable each day.
- The premature cardiovascular death rate for black New Yorkers fell by 19% since 2007, reducing the disparity in death rates between black and white New Yorkers.
- Gaps in HIV/AIDS related deaths among black and white New Yorkers decreased to record lows.
- The unintentional drug-related overdose death rate decreased within high poverty neighborhoods.
- Approximately one-third of all teenage girls in New York City have received the full HPV vaccination series.
- Teen pregnancy rates fell 30% in the last decade and reached a historic low of 69.2 per 1,000 females ages 15-19.
- Air quality improved throughout New York City, narrowing the gap in sulfur dioxide levels between the most polluted neighborhoods and the least polluted neighborhoods.

#### **Health Disparities**

Despite progress in citywide rates for many indicators, New Yorkers living in high poverty neighborhoods and of certain racial and ethnic groups disproportionately experience higher rates of preventable illness and premature death. Residents of the city's poorest communities — South Bronx, East and Central Harlem and North and Central Brooklyn — suffer from limited access to healthy food options, poor housing quality, limited safe spaces for recreation and other obstacles.

Take Care New York 2012 was launched with a focus on reducing disparities and promoting initiatives that make all New York City neighborhoods healthier. Several important accomplishments have been made — such as reducing HIV/AIDS death disparities between black and white New Yorkers, reducing deaths from premature cardiovascular disease, reducing colorectal cancer deaths and reducing the gap in teen pregnancy rates between black and white New Yorkers. However, disparities were not reduced in several areas, which means the Department must reconsider how best to narrow these gaps in the future.

Social, environmental and economic factors all impact health, and the Department will work in collaboration with other city agencies and community organizations to improve broad factors that affect health among all New Yorkers.

# **Core Indicators, 2012 Targets and Five-Year Progress**

Tak	e Care New York Area	Core Indicator	Baseline <sup>†</sup>	Five-year Progress <sup>‡</sup>	2012 Target	Progress
1	Promote Quality Health Care for All	Preventable hospitalizations	2,044.2 per 100,000 (2006)	1,772.9 per 100,000 (2010)	1,694.0 per 100,000	+
2	Be Tobacco Free	Adults who currently smoke	16.9%	15.5% <sup>††</sup>	12.0%	+
3	Promote Physical Activity and Healthy Eating	Adults who consume one or more sugar-sweetened beverages per day	35.9%	28.2%	29.0%	<b>✓</b>
4	Be Heart Healthy	Premature deaths from major cardiovascular disease	54.3 per 100,000	44.2 per 100,000 (2011)	43.0 per 100,000	+
5	Stop the Spread of HIV and Other Sexually Transmitted Infections	Men who have sex with men who report using a condom every time they have anal sex	56.5%	57.6% <sup>††</sup>	66.0%	+
6	Recognize and Treat Depression	Adults with serious psychological distress who did not receive treatment	58.7% (2006)	54.8% <sup>††</sup>	56.0%	<b>✓</b>
7	Reduce Risky Alcohol Use and Drug Dependence	Hospitalizations for problems attributable to alcohol	380.0 per 100,000 (2006)	378.0 per 100,000 (2010)	309.0 per 100,000	+
8	Prevent and Detect Cancer	Adults 50 years and older who have had a colonoscopy in the last 10 years	61.7%	68.5%	80.0%	+
9	Raise Healthy Children	Teen pregnancies	84.9 per 1,000	69.2 per 1,000 (2011)	72 per 1,000	<b>✓</b>
10	Make All Neighborhoods Healthy Places	Poor housing quality by neighborhood poverty	Low poverty: 5.5% Very high poverty: 24.5% Gap: 18.9% (2005)	Low poverty: 5.2% Very high poverty: 28.5% Gap: 23.3%	Reduce gap to 16.0%	-

<sup>\*</sup> See technical notes on page 18 for definition of indicators, data sources and methodologies.

Trend in wrong direction

+ Progress made toward target

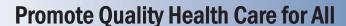
**=** Equivalent to Baseline

✓ Target met or exceeded

<sup>†</sup> Baseline data are from 2007 unless otherwise noted.

 $<sup>\</sup>ensuremath{^{\ddagger}}$  Five-year progress are from 2012 unless otherwise noted.

 $<sup>\</sup>label{thm:condition} \begin{tabular}{ll} $\texttt{T}$ Change from baseline not statistically significant. See technical notes on page 18 for additional information. } \end{tabular}$ 



Indicator	Baseline <sup>†</sup>	Five-Year Progress	2012 Target	Progress
Preventable hospitalizations	2,044.2 per 100,000 (2006)	1,772.9 per 100,000 (2010)	1,694.0 per 100,000	+
Adults who did not get needed medical care	11.1%	11.1%	9.4%	=
Household income disparity	Low income: 15.8%	Low income: 13.2%	Reduce gap to 5.0%	~
mousenoia income aispanty	High income: 8.7%	High income: 8.3% <sup>††</sup>		
	Gap: 7.1%	Gap: 4.9%		

 $<sup>\ \ \</sup>text{$\dagger$ Baseline data are from 2007 and five-year progress are from 2012 unless otherwise noted.}$ 

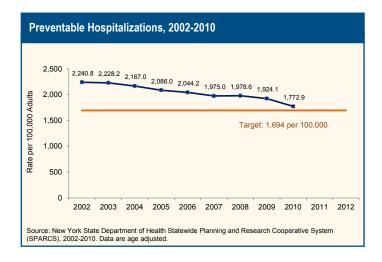
The Health Department is committed to improving access to high-quality, affordable health care and reducing health disparities citywide. Preventable hospitalizations, or ambulatory care-sensitive hospitalizations, is a measure of health care access and quality based on counting hospitalizations that could, in part, be prevented by better use of clinical preventive services. Between 2006 and 2010, preventable hospitalizations in New York City fell by 13%. The Department is working to implement local and federal health reform provisions that promote prevention and increased health care access, and continues to assist providers in adopting prevention-oriented electronic health records.

#### **Health Disparities**

Lower-income New Yorkers are less likely to have access to a regular health care provider and receive primary care and preventive services than higher-income New Yorkers. By 2012, the gap between lower-income and higher-income New Yorkers was reduced, meeting the Take Care New York 2012 target.

#### I. Policies

 The Department provided training to more than 2,000 medical and mental health providers citywide on changes to the Medicaid Managed Care population and changes in the Medicaid program.



 The Department's Primary Care Information Project supported 620 providers at 255 practices to become recognized by the National Committee for Quality Assurance as patient-centered medical homes, making them eligible for incentive payments.

### II. Prevention, Quality and Access

- Through the Department's efforts, more than 3,100 providers caring for more than three million patients adopted prevention-oriented electronic health records.
- In 2011, the Department launched BigAppleRx, New York City's first official prescription discount card. In its first year, the card saved New Yorkers close to \$6 million in prescription drug costs.
- To date, close to 9,000 health care providers have enrolled in the NYC Regional Electronic Adoption Center for Health (REACH), which helps providers adopt electronic health records, achieve meaningful use criteria and earn incentive payments for adopting electronic health records.
- The Department is building an interface to allow for electronic exchange of health information between city jails and community providers to improve patients' continuity of care and health outcomes.
- The Department successfully implemented Health eQuits, an incentive program to reward primary care practices that used electronic health records and increased smoking cessation services. Between 2010 and 2012, more than 42,000 patients received cessation services.

<sup>††</sup> Change from baseline not statistically significant. See technical notes on page 18 for additional information.

## **Be Tobacco Free**

Indicator	Baseline <sup>†</sup>	Five-Year Progress	2012 Target	Progress
Adults who currently smoke	16.9%	15.5% <sup>††</sup>	12.0%	+
Education level disparity, among adults 25 years of age and older	Low education: 20.0%	Low education: 18.9% <sup>††</sup>	Reduce gap to 3.0%	-
25 years or age and order	High education: 15.1%	High education: 13.8% <sup>††</sup>		
	Gap: 4.9%	Gap: 5.1%		
High school students who currently smoke	8.5%	8.5% <sup>††</sup> (2011)	6.0%	=

<sup>†</sup> Baseline data are from 2007 and five-year progress are from 2012 unless otherwise noted.

Over the past 10 years, New York City has achieved unprecedented declines in both adult and youth smoking. In 2012, 15.5% of New Yorkers were still smoking. This marks a 28% decline since 2002, when the Health Department launched its comprehensive efforts to reduce tobacco use. In addition, youth smoking in New York City has dropped by more than half since 2001, to 8.5% from 17.6%. Since 2007, however, the percentage of youth smokers has remained stable.

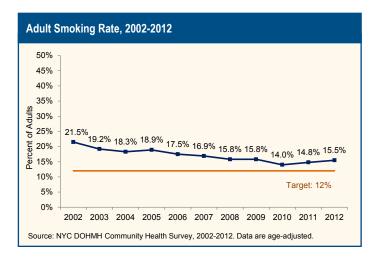
To ensure that smoking rates continue to decline, the Department must continue its efforts to reduce tobacco use through innovative policy initiatives, promotion of smoking cessation services and hard-hitting media campaigns.

#### **Health Disparities**

Smoking rates are higher among New Yorkers with less education than among those with at least some college education. The Department is working to narrow this gap through targeted, innovative anti-tobacco education and policy initiatives.

#### I. Policies

 In February 2011, New York City expanded its Smoke-Free Air Act to prohibit smoking in parks, beaches, marinas, boardwalks and pedestrian plazas. New York City joined more than 100 U.S. cities and counties that have adopted similar smoke-free policies.



- The U.S. District Court in New York upheld 2009 legislation limiting the sale of flavored smokeless tobacco products, which are often targeted to youth, such as flavored chewing tobacco.
- In 2012, the Department provided technical assistance to City University
  of New York to expand its system-wide smoke-free policy. The expanded
  policy prohibits the use of tobacco as well as tobacco industry
  promotions and sponsorships across all 23 campuses. As a result, more
  than half a million students and 40,000 staff will benefit through less
  exposure to secondhand smoke.

#### II. Prevention, Quality and Access

- Since 2007, the Department has distributed free nicotine patches and gum to more than 212,000 smokers.
- The Health Department continues to work with providers to promote the use of smoking cessation benefits under New York State Medicaid.
   The smoking rate among New Yorkers covered by Medicaid has dropped dramatically, to 19.0% in 2012 down from 26.2% in 2002.
- Since 2010, the Department worked with the Health and Hospitals Corporation and 15 major New York City hospital systems to create and implement comprehensive tobacco cessation programs for employees and patients through the Tobacco-Free Hospitals Campaign.

#### **III. Health Promotion**

 The Health Department continued to develop and implement hard-hitting media campaigns depicting the harmful effects of smoking. Since 2009, the Department's graphic print, television and radio ads have generated 360,000 calls and web requests to 311 and the New York State Smokers' Quitline. From 2009 to 2012, more than 20 campaign ads were televised, averaging 15 weeks of air time per year.

<sup>††</sup> Change from baseline not statistically significant. See technical notes on page 18 for additional information.



Indicator	Baseline <sup>†</sup>	Five-Year Progress	2012 Target	Progress
Adults who drink an average of one or more sugar-sweetened beverages per day	35.9%	28.2%	29.0%	<b>~</b>
Adults not eating any fruits or vegetables the previous day	14.1% (2004)	12.5%	10.0%	+
	Low poverty: 10.7%	Low poverty: 9.0% <sup>††</sup>	Reduce gap to 3.0%	-
Neighborhood poverty disparity	Very high poverty: 20.0%	Very high poverty: 18.4% <sup>††</sup>		
	Gap: 9.3%	Gap: 9.4%		
Adults who are not physically active	29.2% (2005)	22.2%	25.0%	<b>✓</b>
Adults who are obese (BMI≥30)	22.1%	24.2%	No increase	-

<sup>†</sup> Baseline data are from 2007 and five-year progress are from 2012 unless otherwise noted.

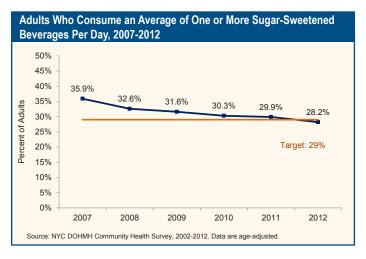
Obesity is a rapidly growing public health problem. In New York City, more than 50% of adults and 40% of children in grades K-8 are either overweight or obese. Obesity is a leading cause of diabetes, heart disease, stroke and other serious conditions, with more than 5,000 New Yorkers dying of obesity-related health problems each year. The Health Department is working to combat obesity in New York City through new approaches and expanded commitments to existing programs to increase access to healthy foods and safe spaces for physical activity. The agency has also focused on reducing consumption of sugary drinks due to increased scientific evidence highlighting their role in the obesity epidemic.

#### **Health Disparities**

Obesity strikes hardest in communities already suffering from health and economic disparities. Black New Yorkers are almost three times as likely, and Hispanics twice as likely, as whites to die from diabetes. The Bronx, in particular, is facing an obesity crisis, with 65% of adults — almost 631,000 residents — currently overweight or obese.

#### I. Policies

- Since 2008, the Department has issued more than 500 Green Cart permits, allowing mobile vendors to sell fresh fruits and vegetables in the city's most underserved neighborhoods.
- More than 1,300 city-contracted vending machines must now carry a healthier mix of products as part of the New York City Food Standards.



- The Department participated in the Mayor's Task Force on Obesity, which proposed initiatives to reduce obesity among adults by 10 percent and among children by 15 percent over the next five years.
- Beginning in 2010, the Department implemented strategies to decrease sugary drink consumption. In addition, the Department proposed a tax, portion size limit and pilot project limiting the use of federal Supplemental Nutrition Assistance benefits to purchase sugary drinks. While these proposals did not pass, the Department continues to pursue unique strategies to decrease sugary drink consumption, and through these efforts declines in sugar-sweetened beverage consumption have surpassed targets.

#### II. Prevention, Quality and Access

- In 2012, the Department launched an innovative initiative to promote healthier food in hospitals. To date, more than 30 hospitals have committed to making healthy choices readily available for millions of patients and visitors and more than 125,000 employees.
- In 2009, the Department collaborated with other city agencies to establish the Food Retail Expansion to Support Health program, which provides zoning and financial incentives to attract and retain supermarkets in neighborhoods underserved by grocery stores.
- In 2012, the Department's Health Bucks program distributed more than 213,000 vouchers at close to 120 farmers' markets. Food stamp sales at some markets doubled with the introduction of the incentive.
- During the 2012 growing season, the Health Department held more than 1,600 free nutrition workshops and cooking demonstrations at 20 select farmers' markets, reaching more than 40,000 New Yorkers.

- The Department developed media campaigns to encourage New Yorkers to reduce their consumption of sugary beverages, reduce portion sizes and to promote physical activity.
- In 2011, the Health Department collaborated with the Department of Parks and Recreation to enhance the BeFitNYC website, offering New Yorkers more than 3,500 free and low-cost fitness opportunities.
- In 2010, the Department published the Active Design Guidelines as a strategy for architects, urban planners and designers and policy makers to create healthier buildings, streets and urban spaces.

<sup>††</sup> Change from baseline not statistically significant. See technical notes on page 18 for additional information.



## **Be Heart Healthy**



Indicator	Baseline <sup>†</sup>	Five-Year Progress	2012 Target	Progress
Premature deaths from cardiovascular disease	54.3 per 100,000	44.2 per 100,000 (2011)	43.0 per 100,000	+
	Black: 90.3 per 100,000	Black: 73.3 per 100,000	Reduce gap to 28.0 per 100,000	+
Racial/ethnic disparity	White: 48.0 per 100,000	White: 41.0 per 100,000		
	Gap: 42.3 per 100,000	Gap 32.3 per 100,000 (2011)		
Adults with hypertension needing to take medication and taking medication	74.2%	81.3% <sup>††</sup>	80.0%	<b>✓</b>
Adults with high cholesterol taking medication	38.1%	35.9% <sup>††</sup>	41.0%	-

<sup>†</sup> Baseline data are from 2007 and five-year progress are from 2012 unless otherwise noted.

Cardiovascular disease, which includes heart disease, stroke and hypertension, remains the leading cause of death in New York City, accounting for more than 20,000 deaths in 2011. The Health Department continues to work to prevent and control the modifiable risk factors of cardiovascular disease, including smoking, hypertension, high cholesterol, diabetes and obesity, while improving medication use for hypertension and elevated blood cholesterol. While the premature cardiovascular disease death rate did not meet the 2012 target, the rate fell by 18.6% citywide.

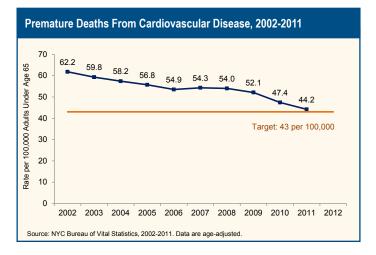
Since 2007, some progress has been made in the percent of New Yorkers taking medication for hypertension while the percent of New Yorkers taking medication for high cholesterol has remained relatively stable. The percent of adults with diabetes or obesity rose during the same time period.

#### **Health Disparities**

Black New Yorkers are more likely to die prematurely from cardiovascular disease than whites, Hispanics and Asians. While these disparities still exist, the premature cardiovascular death rate for blacks fell by nearly 19% since 2007, narrowing the disparity.

#### I. Policies

 As part of the National Salt Reduction Initiative led by the Health Department, 21 national food companies have voluntarily cut salt content in their products by as much as 30% to meet targets established by public health agencies working with the food industry.



#### II. Prevention, Quality and Access

- Through the Primary Care Information Project's electronic health record system, more than 95,000 identified hypertensive patients received preventive services to help lower blood pressure and reduce stroke risk. In addition, more than 58,000 patients identified as smokers through electronic health records received cessation services. The project reaches more than 600 practices and has increased the percent of patients receiving proven clinical preventive services through on-site quality improvement activities, electronic feedback to providers and population health tools, such as clinical decision support alerts.
- In 2010, through its Health eHearts initiative, the Health Department awarded \$2.8 million to 71 small practices using electronic health records to help patients achieve positive heart health outcomes. As a result, more than 16,000 New Yorkers with hypertension had their blood pressure controlled to recommended levels.
- In 2011, the Department piloted a pharmacist-delivered medication therapy management program to communities at high risk for hypertension, high cholesterol, diabetes and low medication adherence rates.
- The Department installed 108 blood pressure kiosks in community pharmacies across the Department's District Public Health Office neighborhoods. Since 2008, almost one million blood pressure readings have been taken, with more than 300,000 taken in 2011 alone. The Department also distributed more than 7,400 home blood pressure monitors in 47 practices in high-need neighborhoods.

#### **III. Health Promotion**

 The Department launched a citywide public awareness campaign, which included subway ads and a multilingual Health Bulletin, encouraging New Yorkers to choose less sodium to help lower blood pressure and reduce the risk of heart attack and stroke.

<sup>††</sup> Change from baseline not statistically significant. See technical notes on page 18 for additional information.



they have anal sex
HIV/AIDS Related Deaths

Racial/ethnic disparity

# **Stop the Spread of HIV and Other Sexually Transmitted Infections**



72.0%

55.3%

+

Sexually active women <26 years old screened for chlamydia infection

Adults ages 18-64 years old who have ever been tested for HIV

Indicator

Men who have sex with men who report using a condom every time

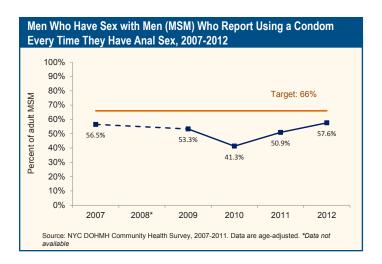
Over the last decade, deaths among people with AIDS have decreased by 45%, reaching a historic low. Major strides have been made to reduce citywide viral loads by encouraging routine HIV testing and ensuring that all newly diagnosed New Yorkers are linked to care. As a result of these efforts, people with HIV/AIDS are living longer, healthier lives and fewer New Yorkers are being diagnosed with HIV. In 2011, about 3,400 new HIV diagnoses were made, a 35% decrease compared to new HIV diagnoses in 2002.

However, New York City remains home to the country's largest population of people living with HIV/AIDS. More than 113,000 New Yorkers are living with HIV/AIDS and thousands more are unaware they are HIV-infected. The Department continues to advocate for routine HIV testing and prompt linkage to appropriate care for individuals infected with HIV.

Other sexually transmitted infections can cause infertility, pregnancy complications and cancer. Additionally, infection with certain sexually transmitted infections may increase the risk of contracting or spreading HIV. Screening and treatment of other sexually transmitted infections can reduce the spread of HIV and link individuals to care.

#### **Health Disparities**

While fewer blacks are dying from HIV-related diseases, they remain disproportionately burdened by HIV/AIDS as nearly 45% of New Yorkers living with HIV/AIDS are black.



In 2011, men who have sex with men (MSM) accounted for 66% of new diagnoses among those with known HIV transmission risk. Additionally, nearly 80% of newly diagnosed New Yorkers within the MSM risk group were black or Hispanic and under 30 years of age.

Gap 17.7 per 100,000 (2011)

69.4%

78.0% (2011)

#### I. Policies

Baseline<sup>†</sup>

56.5%

13.2 per 100,000

Black: 31.4 per 100,000

White: 4.6 per 100,000

Gap: 26.8 per 100,000

63.2%

51.4%

- In 2011, the Health Department issued guidelines recommending providers offer antiretroviral treatment to all HIV-infected New Yorkers.
   This treatment has been shown to improve individual health outcomes and prevent HIV transmission.
- The revised New York State HIV testing law requires that providers offer patients a voluntary HIV test and ensures all New Yorkers have the option of knowing their HIV status.

#### II. Prevention, Quality and Access

- Since 2008, The Bronx Knows and Brooklyn Knows HIV testing initiatives have conducted over 1.4 million HIV tests, successfully linking 78% of the more than 3,600 New Yorkers newly identified with HIV to care.
- The Department implemented Expedited Partner Therapy, a program that offers medication, without medical evaluation, to partners of patients being treated for chlamydia.

- As of 2012, 85% of clients in the Department's Ryan White Care Coordination program achieved optimal antiretroviral adherence, and 91% reported visiting a primary care provider in the last 120 days.
- In 2011, the Department launched NYC Condom Finder, a smartphone application that provides the nearest locations that offer free safer sex products. Since its launch, the application has been downloaded more than 32,000 times.
- The Department's "It's Never Just HIV" campaign continued to generate social media attention. A follow-up survey showed that more than one third of gay and bisexual men in New York City saw the ads.
- Nearly 95% of all MSM-identified venues participate in the Department's NYC Condom Availability Program, which distributes free condoms and provides sexual health education.

<sup>†</sup> Baseline data are from 2007 and five-year progress are from 2012 unless otherwise noted.

<sup>††</sup> Change from baseline not statistically significant. See technical notes on page 18 for additional information.





Indicator	Baseline <sup>†</sup>	Five-Year Progress	2012 Target	Progress
Adults with serious psychological distress who did not receive treatment	58.7% (2006)	54.8% <sup>††</sup>	56.0%	~
Racial/ethnic disparity	Hispanic: 66.7%	Hispanic: 58.3% <sup>††</sup>	Reduce gap to 23.0%	✓
	White: 41.7%	White: 35.8%* <sup>††</sup>		
	Gap: 25%	Gap: 22.5%		
Suicides	5.8 per 100,000	6.0 per 100,000 (2011)	5.5 per 100,000	-
Adults with serious psychological distress that interferes with their life or activities	3.7 % (2003)	4.4% <sup>††</sup>	3.7%	-

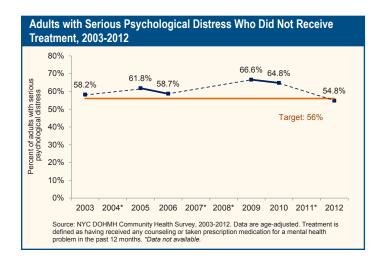
<sup>†</sup> Baseline data are from 2007 and five-year progress are from 2012 unless otherwise noted.

Depression remains a serious and widespread illness, affecting more than 400,000 New Yorkers each year. Despite the effectiveness of treatment, depression is often undetected and untreated for many reasons, including limited capacity of primary and speciality health care providers. Depression is the second leading cause of healthy years of life lost in New York City and challenges remain in reducing rates of untreated depression and suicide.

The Health Department promotes routine depression screenings in primary care settings and fosters collaboration with mental health providers to prevent and treat depression.

#### **Health Disparities**

In 2012, more than 50% of black and Hispanic adults had untreated serious psychological distress. The Department continues to investigate these trends and implement best practice prevention and treatment programs.



#### I. Policies

 The Department advocated for the integration of Medicaid-funded mental health services into primary care settings. As a result, more New Yorkers will be screened for depression and other mental health problems.

#### II. Prevention, Quality and Access

- As a result of the Department's funding and coordination of 1-800-LIFENET, nearly 100,000 calls were received annually for free mental health resources and referrals.
- Through a New York State Health Efficiency and Affordability Law grant, the Department worked toward improving the quality of care for people with depression by using technology to connect health care providers with mental health providers.
- As a result of the Department's ongoing community-based mental health screening programs, young children and older adults were effectively screened for signs of depression and social and emotional development and provided with appropriate mental health services and referrals.
- In 2012, the Health Department piloted mental health screening programs in 10 Brooklyn middle schools. As a result, mental health problems were identified earlier, students were provided with referrals and access to mental health services and staff were trained on dealing with mental health crises.

- In 2012, the Health Department issued a report that provided data and recommendations to health care providers and community organizations on suicide and self-inflicted injury prevention.
- In partnership with other city agencies, the Health Department launched a website that provides resources on the most common issues affecting New York City teens, including depression and social and emotional health.

<sup>\*</sup> Estimate should be interpreted with caution due to small sample size.

<sup>††</sup> Change from baseline not statistically significant. See technical notes on page 18 for additional information.

7

## **Reduce Risky Alcohol Use and Drug Dependence**

Indicator	Baseline <sup>†</sup>	Five-Year Progress	2012 Target	Progress
Alcohol-related hospitalizations	380.0 per 100,000 (2006)	378.0 per 100,000 (2010)	309.0 per 100,000	+
Unintentional drug-related overdose deaths	11.7 per 100,000	9.7 per 100,000	8.4 per 100,000	+
	Low poverty: 6.8 per 100,000	: 6.8 per 100,000 Low poverty: 7.4 per 100,000 Reduce gap 1		~
Neighborhood poverty disparity	Very high poverty: 22.0 per 100,000	Very high poverty: 14.4 per 100,000	9.8 per 100,000	
	Gap: 15.2 per 100,000	Gap: 7.0 per 100,000** (2011)		
High school students who drank alcohol in the past 30 days	33.5%	30.6% <sup>††</sup> (2011)	28.0%	+

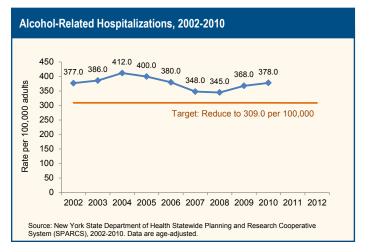
<sup>†</sup> Baseline data are from 2007 and five-year progress are from 2012 unless otherwise noted.

Drinking excessively, misusing prescription drugs and using illicit drugs can increase the risk of many physical and emotional problems. Accidental drug poisoning and alcohol-related deaths are among the leading causes of early death in New York City. While the unintentional drug overdose death rate fell since 2007 and data suggest a decline in alcohol consumption among high school students, alcohol-related hospitalizations did not greatly decrease during this time period.

To help reduce risky alcohol and drug use, the Health Department continues to expand the use of screening, brief intervention, referral and treatment (SBIRT) services in primary care and clinical settings. The Department also continues to conduct public education and work with providers and hospitals to reduce the non-medical use of prescription drugs.

#### **Health Disparities**

About 17% of New Yorkers report using illicit drugs or prescription drugs other than prescribed, with New Yorkers in high poverty neighborhoods experiencing the highest rates of drug overdose deaths. While the Health Department narrowed the disparity in overdose deaths between low and high poverty neighborhoods, unintentional opioid analgesic-related deaths have been increasing. On Staten Island, opioid overdose deaths increased by more than 150% since 2007. The Department continues to develop and promote evidence-based policies, education campaigns and clinical practice guidelines to address these disparities.



#### I. Policies

- The Department collaborated with other agencies, health care providers and community groups to provide overdose prevention education and expand access to naloxone, a medication used to reverse the effects of opioid overdose.
- The Department provided technical assistance on the implementation of the New York 911 Good Samaritan drug overdose law, which provides legal protection for people who call 911 if they witness or experience a drug overdose.
- The Department was key participant in the Mayor's Task Force on Prescription Painkiller Abuse, which developed and implements coordinated strategies to respond to the growth of opioid painkiller misuse in New York City.

#### II. Prevention, Quality and Access

- In December 2011, the Department issued guidelines to providers on how to prescribe prescription pain relievers more judiciously. All Health and Hospitals Corporation emergency department facilities have since adopted these prescribing guidelines.
- In November 2011, the Department trained more than 40 physicians on Staten Island on prescribing buprenorphine to treat opioid addiction.
- As a result of Department SBIRT trainings, clinics, community based organizations and city agencies screened more than 26,000 New Yorkers for alcohol misuse.
- In partnership with hospitals, city agencies and community organizations, the Department has distributed more than 16,500 intranasal naloxone kits to state-registered opioid programs citywide since December 2008.

- The Department provided technical assistance and education to four academic institutions to prevent underage and excessive alcohol use.
- In 2012, the Department launched a comprehensive media campaign on the risks of misusing prescription opioid painkillers.
- The Department launched a subway and print campaign depicting the dangers of excessive drinking.

<sup>\*\*</sup> See technical notes. †† Change from baseline not statistically significant. See technical notes on page 18 for additional information.



Indicator	Baseline <sup>†</sup>	Five-Year Progress	2012 Target	Progress
Adults 50 years of age and older who had a colonoscopy in the last 10 years	61.7%	68.5%	80.0%	+
Colorectal cancer death rate	17.3 per 100,000	16.2 per 100,000 (2011)	15.2 per 100,000	+
	Black: 20.7 per 100,000	Black: 18.7 per 100,000	Reduce gap to 2.0 per	+
Racial/ethnic disparity	White: 17.9 per 100,000	White: 16.4 per 100,000	100,000	
	Gap: 2.8 per 100,000	Gap: 2.3 per 100,000 (2011)		
Girls 13 to 17 years of age who have received three doses of HPV vaccine	15.1% (2008)	33.9%	25.0%	~

<sup>†</sup> Baseline data are from 2007 and five-year progress are from 2012 unless otherwise noted.

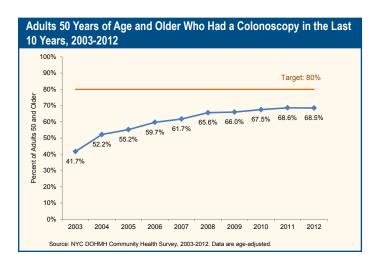
Cancer is the second leading cause of death in New York City, killing about 13,000 New Yorkers every year. Two major cancers — colorectal and cervical — are preventable. Colonoscopies, Pap tests and human papillomavirus (HPV) vaccination are critical to prevention. The Health Department strives to increase colorectal cancer screening among New Yorkers 50 years of age and older and to promote and expand access to routine HPV vaccination for all preteens, teens and young adults.

#### **Health Disparities**

New York City's average colonoscopy screening rate increased to almost 69% in 2012, up from 42% in 2003 when the city first began tracking these rates. During this period, a citywide push to increase colon cancer screening rates has eliminated disparities among black, white, Hispanic and Asian New Yorkers.

#### I. Policies

 In October 2011, the U.S. Centers for Disease Control and Prevention expanded its HPV vaccination recommendation to include boys and young men nine to 26 years of age. The Department promotes HPV vaccination through free vaccine clinics and to providers enrolled in the federal Vaccines for Children Program.



#### II. Prevention, Quality and Access

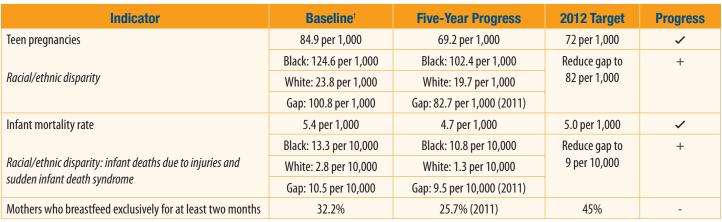
- The Department developed real-time communication between the Citywide Immunization Registry and 11 electronic health records systems. At the end of 2012, more than 290 New York City providers were reporting patient immunizations electronically to the Citywide Immunization Registry.
- Through the Citywide Immunization Registry's capacity to identify and recall adolescents whose immunizations are not up-to-date, the percentage of teenage girls who received the full series of HPV vaccine increased significantly in New York City, from just over 15% in 2008 to 34% in 2012.
- In 2009, the Department launched an initiative to improve the quality and increase the number of colonoscopies in New York City. To date, more than 280 gastroenterologists serving more than 10,000 patients are participating.
- The Department and the Health and Hospitals Corporation advocates for increased colonoscopy screenings through the New York Citywide Colon Cancer Control Coalition. The coalition brings together physicians, health care providers, policymakers and community groups committed to preventing colorectal cancer through resource development, policy initiatives and community leadership opportunities.

#### **III. Health Promotion**

 The Health Department promotes the use of the Citywide Immunization Registry to identify adolescents in need of HPV vaccination and completion of the three-dose series. Since 2009, the Department has sent feedback reports to more than 1,500 providers each year to encourage HPV vaccination.



## **Raise Healthy Children**



<sup>†</sup> Baseline data are from 2007 and five-year progress are from 2012 unless otherwise noted.

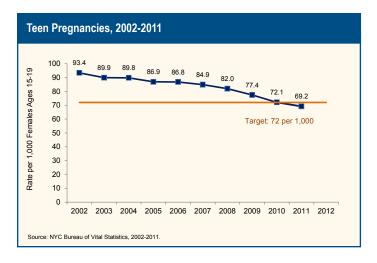
The Health Department develops and implements innovative strategies and initiatives to improve key factors affecting children's health. Efforts include promoting breastfeeding, making sure that all children are fully vaccinated, reducing lead paint hazards, controlling childhood asthma, reducing unintended teen pregnancies and integrating reproductive health services into primary care.

#### **Health Disparities**

While disparities in teen pregnancy rates still persist, they have decreased. Black teens are five times more likely than white teens to get pregnant, with teens in the lowest income neighborhoods three times more likely to become pregnant than those in the wealthiest neighborhoods. While lead poisoning rates have declined overall, disparities persist due to lead exposures and other home health hazards.

#### I. Policies

 In May 2012, the Department launched Latch On NYC, a citywide initiative to support breastfeeding mothers by limiting the marketing of infant formula in hospital nurseries. To date, 29 New York City hospitals have joined the initiative.



- The Health Department secured stable and increased public funding for the Nurse Family Partnership home visiting program for new mothers to improve early childhood development.
- Through the Department's Connecting Adolescents to Comprehensive Healthcare program, more than 1,300 students not served by a school-based health center received reproductive health services across 13 participating high schools during the 2011-2012 school year.

#### II. Prevention, Quality and Access

- More than 98% of the 1.1 million public school children in New York City completed all required immunizations during the 2010-2011 school year.
- Through the Department's targeted prevention activities in high-risk communities to eliminate exposure to lead hazards, the number of childhood lead poisoning cases in New York City dropped 17% from 2010 to 2011, marking a historic low in New York City.
- In 2012, the Department launched Bronx Teens Connection, a multi-agency, community-wide initiative to improve sexual and reproductive health and reduce unintended teen pregnancies in the South Bronx.

- In May 2012, the Department launched a new subway and hospital poster campaign highlighting the benefits of breast milk. Benefits include reducing the risk of ear infections, diarrhea and pneumonia.
- In 2011, the Department launched NYC Teen, a new website for New York City teens featuring up-to-date information on teen sexual and reproductive health, teen mental health, teen dating violence, and information about afterschool activities and community resources.



Indicator	Baseline <sup>†</sup>	Five-Year Progress	2012 Target	Progress
Housing quality by neighborhood poverty (% of neighborhood households with 3+ maintenance	Low poverty: 5.5%	Low poverty: 5.2%	Reduce gap to	-
	Very high poverty: 24.4%	Very high poverty: 28.5%	16.0%	
deficiencies that affect health)	Gap: 18.9% (2005)	Gap: 23.3% (2011)		
Air quality, fine particulate matter (PM <sub>2.5</sub> ) concentration in air	14.9 μg/m³ (2008)	12.1 μg/m³ (2010)	14.2 μg/m³	<b>✓</b>
Air quality, sulfur dioxide (SO <sub>2</sub> ) concentration in	Most polluted: 7.8 ppb	Most polluted: 5.7 ppb	Reduce gap to	<b>~</b>
air	Least polluted: 3.1 ppb	Least polluted: 2.1 ppb	3.9 ppb	
	Gap: 4.7 ppb	Gap: 3.6 ppb (2011)		
Pedestrian injury hospitalizations among children	Low poverty: 21.6 per 100,000	Low poverty: 17.2 per 100,000	Reduce gap to	~
	Very high poverty: 52.4 per 100,000	Very high poverty: 37.2 per 100,000	20 per 100,000	
	Gap 30.8 (2006)	Gap: 20.0 (2010)		
Properties with signs of rats	Bronx: 8.5% of indexed properties (2008)	Bronx: 5.5% of indexed properties (2010)	15.0% decrease from baseline	<b>✓</b>
	Manhattan: 7.8% of indexed properties (2010)	Manhattan: 5.9% of indexed properties (2011)		

<sup>†</sup> Baseline data are from 2007 and five-year progress are from 2012 unless otherwise noted.

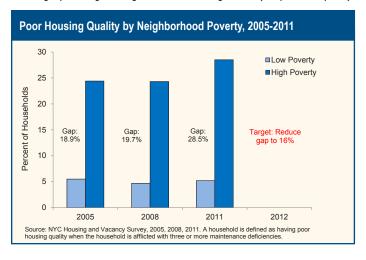
In New York City, health status can vary greatly among neighborhoods. Poorly maintained housing, pest infestations, air pollution, limited access to healthy foods, too few safe spaces to exercise and play and aggressive tobacco and alcohol marketing all affect health. The Health Department implements innovative programs and policies and collaborate with other agencies to improve neighborhood conditions.

#### **Health Disparities**

Initiatives to improve air quality have significantly decreased air pollution levels throughout the city. In addition, programs to eradicate rat infestations have led to a significant reduction in properties with signs of rats across the city, especially in the Bronx and Manhattan. However, poor housing quality continues to remain prevalent in high poverty neighborhoods.

#### I. Policies

 In 2011, the Department helped develop policies to phase out high-polluting heating fuel, which will significantly improve air quality.



 The Department launched its restaurant inspection grading initiative to include frequent inspections with the frequency dependent on restaurant performance, and to require posted inspection grades. During its first year, salmonella infections fell 14%, to the lowest level in 20 years, and currently more than 80% of restaurants earn "A" grades.

#### II. Prevention, Quality and Access

- The Health Department helped launch NYC Project Ceasefire, an evidence-based violence reduction program in neighborhoods with high rates of gun violence.
- The Department expanded its Rat Indexing initiative to additional boroughs and increased remediation efforts in heavily rodent infested parks, public areas and private properties.

- The Department conducted health risk assessments of climate-related environmental hazards, which were used to assist the National Weather Service in improving heat advisory, warning and alert messaging.
- The Department expanded its Environmental Public Health Tracking Portal, and worked with universities across the city to increase awareness of environmental health problems.
- Through the New York City Falls Prevention Coalition, the Department worked to reduce falls among older adults.
- In 2011, the Department launched its Bed Bug Portal to help New Yorkers prevent and treat bed bugs.
- The Department launched ABCEats, an iPhone application, which offers access to New York City restaurant inspection grades. Since its launch, more than 33,000 New Yorkers have downloaded the application.

## **Partnership Highlights**

Take Care New York 2012 set an ambitious agenda to help New Yorkers live longer, healthier lives. This agenda took the commitment of more than 600 partners, including businesses, community and faith-based groups, health care organizations and other city agencies to improve health outcomes, decrease health disparities and prevent premature illness and death.

Ideas for Action — innovative, measurable and achievable actions tied to each priority area — were adopted by these partners. As of 2012, the majority of Take Care New York partners had implemented one or more Ideas for Action to help the city reach its goals.

**Ideas for Action** are innovative and achievable actions that partners can implement to help Take Care New York reach its goals. Some activities and ideas include:

- Join the Coalition for a Smoke-Free City to raise awareness about tobacco control issues.
- Adopt a healthy food policy to promote healthy eating in your organization.
- Advertise free mental health helplines to your employees, members and patients.
- Distribute free NYC condoms.

Examples of successful Take Care New York activities and programs:

#### The Bronx Knows and Brooklyn Knows HIV Testing Initiatives

The Health Department launched The Bronx Knows and Brooklyn Knows HIV testing initiatives after data revealed high concentrations of HIV infections and low HIV testing rates across the two boroughs. These initiatives have served as models for partnership and coalition building. They comprise 175 community partners — including hospitals, community health centers, local businesses, educational institutions and faith-based and community-based organizations. Since 2008, more than 1.4 million residents have been tested and over 75% of those newly-diagnosed have been linked to care.

#### **Healthy Hospital Food Initiative**

Launched in 2012, the Healthy Hospital Food Initiative is an unprecedented voluntary program that promotes healthier food choices in hospitals. To date, more than 30 hospitals have committed to making healthy choices available for millions of patients and visitors and more than 125,000 employees.



#### **Bronx Teens Connection**

Launched in 2012, the Bronx Teens Connection was created to improve sexual and reproductive health and reduce unintended teen pregnancy rates in the South Bronx. As part of the initiative, an evidence-based sexual health education curriculum was implemented across 20 Bronx high schools. Emphasis was placed on community engagement, including partnerships with parents, community-based organizations, high schools, community-based clinics, government agencies and youth organizations.

The Department will continue to develop and implement ground-breaking policies and programs on critical health issues affecting New Yorkers. But it takes resources well beyond those of the Department to protect and promote the health of more than eight million New Yorkers. The continued support and collaboration of diverse partners across the city remains critical to ensuring these initiatives are successful.

# Case Study Policy



# New York City's Smoke-Free Air Policies Creating Healthier, Cleaner Outdoor Spaces

Smoking is a leading risk factor for preventable death in New York City, killing more than 7,000 New Yorkers annually. New York City's landmark Smoke-Free Air Act of 2002 prohibited smoking in almost all workplaces and indoor public spaces, including all restaurants and bars. As a result of the city's innovative policy and prevention activities, coupled with hard-hitting public education campaigns, the city's adult smoking rate has declined 28% since 2002. This translates to 300,000 fewer New Yorkers who smoke, a decrease that could prevent 100,000 premature deaths in the future.

In 2010, the Health Department worked with Mayor Michael Bloomberg, New York City Council Speaker Christine Quinn and Councilmember Gale Brewer to expand the Smoke-Free Air Act to include all New York City public parks and beaches and pedestrian plazas. A survey of New Yorkers found that the majority (65%) of New Yorkers supported banning smoking in parks and beaches.

New Yorkers enjoyed their first smoke-free summer at parks and beaches after Mayor Bloomberg signed into law the amended Smoke-Free Air Act in February 2011.





The legislation prohibited smoking in all New York City public parks, beaches, boardwalks, marinas, public golf courses, sports stadiums and pedestrian plazas, such as those at Times and Herald Square.

In May 2011, the Department launched a city-wide educational campaign informing New Yorkers about the law and highlighting how the city's many parks and beaches are being made healthier and cleaner through the absence of secondhand smoke and cigarette butts. One year after the smoke-free policy took effect, smoking in select New York City parks declined by two-thirds and fewer cigarette butts were found on beaches and playgrounds.

The expanded Smoke-free Air Act affects the broad physical and social environment by reducing exposure to toxic cigarette smoke, preventing children from seeing adults smoking when they visit parks to play and reducing cigarette butts and other tobacco litter. The Health Department's pioneering approach to tobacco control has yielded unprecedented results, which will continue to have broad, large-scale gains in years of life saved.

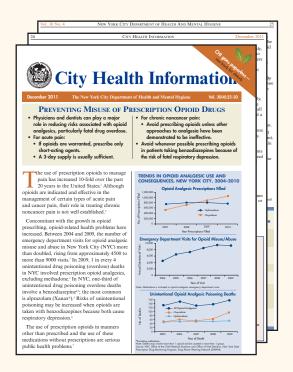
# Case Study **Prevention, Quality and Access**



# Opioid Prescribing Guidelines for Emergency Departments Preventing Misuse of Opioid Pain Relievers

Misuse of prescription painkillers, or opioid analgesics, is skyrocketing in the U.S. Between 1999 to 2010, overdose deaths from prescription opioid painkillers quadrupled — from over 4,000 to more than 16,000 deaths.<sup>2</sup> In New York City, the number of people using opioids without a prescription has increased by 40%, with over 250,000 New Yorkers reporting misusing prescription painkillers in a survey conducted from 2008 to 2009.<sup>3</sup> As a result, New York City emergency departments have seen a significant increase in opioid analgesic-related visits. Between 2004 and 2009, the number of emergency department visits for opioid analgesic misuse in New York City doubled.<sup>4</sup>

To address the growing opioid epidemic, the Department developed and distributed guidelines to the city's physicians on how to prescribe opioids more judiciously. The Department also developed guidelines specifically for hospital emergency departments. In addition, Mayor Bloomberg launched the Task Force on Prescription Painkiller Abuse in 2012. Comprised of representatives from the Police Department, Department of Education, Human Resources Administration and Health Department, the task force was charged with promoting public education and developing strategies to reduce prescription drug misuse, the task force worked with the Health Department to look at additional opportunities to reduce and prevent opioid analgesic-related deaths.





New guidelines recommend that emergency physicians:

- do not prescribe long-acting opioid painkillers
- do not prescribe more than a short course of opioid painkillers
- · do not refill lost, stolen or destroyed prescriptions

Preventing prescription drug misuse and reducing opioid-related deaths requires coordinated strategies among hospitals, health care providers, pharmacists and law enforcement. The Health Department's opioid emergency department guidelines encourage safe and responsible prescribing of opioid painkillers when patients are discharged, help prevent and reduce misuse of these medications and reduce the likelihood of overdose or death. To date, 20 hospital emergency departments across New York City, including the city's 11 public hospitals, have adopted the opioid guidelines.

# Case Study **Health Promotion**



# **Sugar-Sweetened Beverage Media Campaigns**Informing New Yorkers of the Dangers of Sugary Drink Consumption

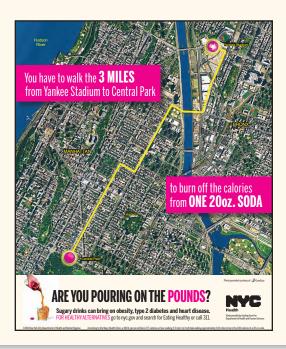
Sugar-sweetened beverages are a major contributor to the growing obesity epidemic, both nationally and in New York City. Americans now consume 200 to 300 more calories per day than they did 30 years ago, with the largest increase in calories coming from sugary drinks. More than 50% of adult New Yorkers and nearly 40% of children in grades K-8 are either overweight or obese — leading to increased diabetes, heart disease, stroke and other conditions contributing to premature death and years of life lost.

As of 2012, 28% of adult New Yorkers reported drinking one or more sugar-sweetened beverages per day. While rates have been declining, consumption of sugary drinks still remains high. To combat the rise of obesity due to sugar-sweetened beverage consumption, the Health Department launched Pouring on the Pounds, a multi-year, hard-hitting public education campaign using television and print media to educate New Yorkers about the health consequences of sugary drinks.

# **Health Consequences of Sugar-Sweetened Beverages**

Beginning in 2010, the Health Department ran television ads and YouTube videos depicting the amount of sugar a New Yorker consumes when drinking one 20-ounce sugary beverage, asking: "If you wouldn't eat it, why drink it?" The Department also placed full-length posters in subway cars across the city.

The television and subway ads were viewed more than 1.5 million times. More than half of those who saw the ads reported a decrease in sugary drink consumption.





In 2011, the Department ran subway posters that mapped the number of miles needed to walk across New York to burn off the calories from one 20-ounce soda.

In 2012, the Department launched a subway campaign that highlighted the importance of portion control and the health problems associated with excessive calorie consumption from larger portion sizes. The subway ads were viewed more than 400 million times, and had the most social media exposure of any Health Department ad campaign.

#### **A Model for Success**

Through clear messaging and strong visuals, the Department's campaigns were successful in shaping both local and national conversations about sugary drink consumption and its role in the obesity epidemic. Campaign components have been replicated in eight U.S. states and internationally in Australia, and the campaign continues to gain attention. Through messaging recall studies, the Department found 40% of those surveyed recalled core ad messaging and between 2007 to 2012 the percent of adult New Yorkers drinking one or more sugary drinks per day dropped by 21%.

## **Looking Forward**



Since its launch in 2009, Take Care New York 2012 has served as a unifying framework to promote concerted, citywide actions and initiatives to ensure New Yorkers live longer and healthier lives. Take Care New York 2012 set ambitious goals in 10 priority health areas that are key to preventing illness and death.

While Take Care New York 2012 has made strides in improving the health of New Yorkers, more work remains to be done. Rates of some diseases, such as diabetes are rising while rates of others, such as HIV infections are not falling as quickly as the Department would like. Disparities persist and the health care system has not yet fulfilled its potential to deliver quality preventive health services to all. By setting a citywide health agenda all sectors can coordinate efforts to tackle these public health battles.

The Department owes much of the progress in Take Care New York 2012 to its partners. The Department works with a broad network of government agencies, community-based organizations and individuals to help promote evidence-based public health interventions and initiatives.

This fall, the Department will launch its third iteration of Take Care New York — Take Care New York 2016 — with a renewed focus on the leading causes of preventable illness and death. Take Care New York 2016 will also emphasize the importance of partnerships that have enabled the past successes of Take Care New York and the role they play in ensuring continued progress in improving the health of New Yorkers.

### Acknowledgements

Thank you to the following individuals who contributed to this report:

Nellie Afshar, Tracy Agerton, Adriana Andaluz, Andriana Azarias, Elizabeth Begier, Susan Blank, Mindy Bockstein, Chris Boyd, Daniella Bradley-O'Brien, La'Shawn Brown-Dudley, Hannah Byrnes-Enoch, Shadi Chamany, Carol Davin, Chelsea Doub, Debbie Dowell, Mari Carlesimo, Marie Casalino, Christina Chang, Nancy Clark, Jennifer Clapp, Micaela Coady, Louise Cohen, Blayne Cutler, Carol Davin, Chelsea Doub, Debbie Dowell, Laura DiGrande, Cynthia Driver, Joanna Eavey, Donna Eisenhower, Lawrence Fung, Gail Goldstein, Lynnette Gonis, Andrew Goodman, Zaida Guerrero, Leena Gupta, Carolyn Greene, Roger Hayes, Tiffany Harris, Amy Hecker, Li Huang, Stephen Immerwahr, Marissa Kaplan, Christine Johnson, Kimberly Johnson, Sarah Johnson, Elizabeth Jones, Susan Kansagra, Deborah Kaplan, Adam Karpati, Dan Kass, Maura Kennelly, Bonnie Kerker, Iyad Kheirbek, Kevin Konty, Hillary Kunins, Andrea Lasker, Cheryl Lawrence, Lidiya Lednyak, Karen Lee, Wenhui Li, Nneka Lundy De La Cruz, Gil Maduro, Jennifer Marcum, Trish Marsik, Simone Martin, Thomas Matte, Wendy McKelvy, Corinne Meli, Mario Merlino, Candace Mulready-Ward, Julie Myers, Deborah Nagin, Ewel Napier, Cathy Nonas, Christina Norman, Jennifer Norton, Carolyn Olson, Emiko Otsubo, Vikki Papadouka, Amanda Parsons, Denise Paone, Preeti Pathela, Roger Platt, Nora Puffett, Kimberly Rasch, Dorothy Rick, Judy Sackoff, Michael Sanderson, Meggan Shilkie, Corinne Schiff, Julia Schillinger, Slavenka Sedlar, Jesse Singer, Lesley Stalvey, Rishi Sood, Lesley Stalvey, Catherine Stayton, Ann Madsen Straight, Cynthia Summers, Ying Sun, Monica Sweeney, Anafidelia Tavares, Jean Weinberg, Laura Wedemeyer, Rebecca Yau, Stella Yi, Regina Zimmerman, Jane Zucker

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**Suggested Citation:** Mortezazadeh C, Miller S, Farley T. *Take Care New York 2012: A Policy for a Healthier New York City Five-Year Progress Report*. New York City Department of Health and Mental Hygiene, September 2013.

#### **Endnotes**

#### **Chapter 3: Promote Physical Activity and Healthy Eating**

Olsen C. Berger M. Day S. Konty K. Childhood Overweight. Physical Activity and "Screen-time" in New York City. Epi Data Brief. 2010; 1:1.

#### **Case Study: Prevention, Quality and Access**

<sup>2</sup>Centers for Disease Control and Prevention. Primary care and public health initiative: balancing pain management and prescription opioid abuse: educational module. http://www.cdc.gov/primarycare/materials/opoidabuse/. Published October 24, 2012.

<sup>3,4</sup> Paone D, Bradley O'Brien D, Shah S, Heller D. Opioid analgesics in New York City: misuse, morbidity and mortality update. Epi Data Brief. 2011;3:1-2.

## **Technical Notes**

With the exception of the items below, all data definitions, sources, and methodologies are the same as those listed on pages 34 to 40 of Take Care New York 2012: A Policy for a Healthier New York City and page 19 of Take Care New York 2012: Tracking the City's Progress, 2009-2010.

- \* Estimate should be interpreted with caution due to small sample size.
- \*\*While progress was made towards reducing the gap, it was reduced as a result of one group's rate trending in the wrong direction.

<sup>††</sup>Survey data from the Community Health Survey and Youth Risk Behavior Survey were tested for statistically significant differences between baseline and five-year progress. Unless noted as not significant (††) all other percents were significant at  $\alpha$ <0.05.

#### 1. Promote Quality Health Care For All

Preventable hospitalizations: Rates from 2002 to 2010, including the Take Care New York 2012 baseline (2006) rate, have been updated to reflect interpolated intercensal population estimates, modified from the U.S. Census Bureau, updated June 2013. Due to the change in the baseline (2006) rate, the target for 2012 was updated to reflect an approximate 17% decrease from the new baseline rate, as per the original Take Care New York 2012 goal.

#### 2. Be Tobacco Free

Deaths from smoking-related illnesses: Methodology for this indicator is currently being updated and rates were not available at time of publication.

#### 3. Promote Physical Activity and Healthy Eating

Neighborhood poverty disparity definition was updated. Neighborhood poverty (based on zip codes) based on percent of residents with incomes below 100% federal poverty level (FPL). In 2004, based on poverty data from Census 2000; in 2012, based on poverty data from American Community Survey, 2007-2011. Low poverty defined as <10% of residents below FPL; very high poverty defined as ≥30% of residents below FPL. Zip codes with zero people for whom poverty status is determined are excluded from analysis.

#### 4. Be Heart Healthy

Premature deaths from cardiovascular disease: Rates for 2010 and earlier use Census Bureau intercensal population estimates from October 2012; 2011 rates use 2011 vintage Census population estimates. Due to the change in the baseline (2007) rate, the target for 2012 was updated to reflect an approximate 20% decrease from the new baseline rate for overall citywide rates and an updated gap reduction target, as per the original Take Care New York 2012 goal.

#### Stop the Spread of HIV and other Sexually Transmitted Infections

HIV/AIDS related deaths: Rates for 2010 and earlier use Census Bureau intercensal population estimates from October 2012; 2011 rates use 2011 vintage Census population estimates. Due to the change in the baseline (2007) rate, the target for 2012 was updated to reflect an approximate 22% decrease from the new baseline rate for overall citywide rates and an updated gap reduction target, as per the original Take Care New York 2012 goal.

Sexually active women <26 years old screened for chlamydia infection: Baseline (2007) rate revised to reflect updated estimates. Due to the change in the baseline (2007) rate, the target for 2012 was updated to reflect an approximate 8% increase from the new baseline rate, as per the original Take Care New York 2012 goal.

#### 6. Recognize and Treat Depression

Suicides: Rates for 2010 and earlier use Census Bureau intercensal population estimates from October 2012; 2011 rates use 2011 vintage Census population estimates. Due to the change in the baseline (2007) rate, the target for 2012 was updated to reflect an approximate 5% decrease from the new baseline rate, as per the original Take Care New York 2012 goal.

#### 7. Reduce Risky Alcohol Use and Drug Dependence

Alcohol-related hospitalizations: Rates from 2002-2011, including the Take Care New York 2012 baseline (2006) rate, have been updated to reflect a revised definition of the indicator and have been updated to reflect new Health Department intercensal population estimates, as of June 2013. Because of the change in the baseline (2006) rate, the target for 2012 has been updated to reflect an approximate 19% decrease from the new baseline rate, as per the original Take Care New York 2012 goal.

Unintentional drug-related overdose deaths: Rates for 2010 and earlier use Census Bureau intercensal population estimates from October 2012; 2011 rates use 2011 vintage Census population estimates. Age-adjusted rates are specific for the 15 to 84 year old population. Due to the change in the baseline (2007) rate, the target for 2012 was updated to reflect an approximate 28% decrease from the new baseline rate for overall citywide rates and an upgraded gap reduction target, as per the original Take Care New York 2012 goal.

Neighborhood poverty disparity: Updated definition of neighborhood poverty defined as percent of residents in Census tracts below 100% of federal poverty level (FPL) per 2000 Census poverty assessment for baseline (2007) and per American Community Survey 2007-2011 rates. Very high poverty defined as  $\geq$ 30% of residents below FPL and low poverty <10% of residents below FPL.

#### 8. Prevent and Detect Cancer

Colorectal cancer death rate: Rates for 2010 and earlier use Census Bureau intercensal population estimates from October 2012; 2011 rates use 2011 vintage Census population estimates. Due to the change in the baseline (2007) rate, the target for 2012 was updated to reflect an approximate 12% decrease from the new baseline rate for overall citywide rates and an updated gap reduction target, as per the original Take Care New York 2012 goal.

Girls 13 to 17 years of age who have received three doses of HPV vaccine: 2008 percentage revised to reflect updated baseline. Due to the change in the baseline (2008) percentage, the target for 2012 was updated to reflect an approximate 75% increase from the new baseline percentage, as per the original Take Care New York 2012 goal.

#### 9. Raise Healthy Children

Teen pregnancies: Rates for 2010 and earlier use Census Bureau intercensal population estimates from October 2012; 2011 rates use 2011 vintage Census population estimates. Due to the change in the baseline (2007) rate, the target for 2012 was updated to reflect an approximate 16% decrease from the new baseline rate for overall citywide rates and an updated gap reduction target, as per the original Take Care New York 2012 goal.

#### 10. Make All Neighborhoods Healthy Places

Housing quality by neighborhood poverty: Updated definition of neighborhood poverty defined as percent of residents below 100% of federal poverty level (FPL) per United Hospital Fund Neighborhood: very high poverty defined as ≥30% of residents below FPL and low poverty defined as <10% of residents below FPL.

Pedestrian hospitalization rates for children, by neighborhood poverty: Updated definition of neighborhood poverty defined as percent of residents in zip codes below 100% of federal poverty level (FPL) per American Community Survey 2007-2011. Rates were calculated using Census 2010 population counts for 2006 and 2010. Very high poverty defined as ≥30% of residents below FPL and low poverty defined as <10% of residents below FPL. Due to the change in the baseline (2006) rate, the target for 2012 was updated to reflect an approximate 12% decrease from the gap reduction target, as per the original Take Care New York 2012 goal.

Properties with signs of rats: Data reflect indexing among Bronx and Manhattan properties.

### **Take Care New York Partners** as of August 2013

1199 SEIU National Benefit Fund 3C Systems

57th Street Adult Primary Care Center

AARP-New York

Addiction Research & Treatment Corporation - Bushwick Addiction Research & Treatment Corporation - East New York Addiction Research & Treatment Corporation - Fort Greene Addiction Research & Treatment Corporation - High Bridge Addiction Research & Treatment Corporation - Kaleidoscope Addiction Research & Treatment Corporation - Starting Point Addiction Research & Treatment Corporation - Third Horizon

Affinity Health Plan African Services Committee

AHRC Health Care, Inc. - Mayflower Clinic AHRC Health Care, Inc. - Pelham

AHRC New York City Allen School

Alzheimer's Foundation of Staten Island American Cancer Society, Manhattan Region American Cancer Society, Staten Island Region

American Heart Association American Indian Community House

American Lung Association of the Northeast

AmeriChoice Health Plan AMERIGROUP

Amida Care

Arturo Schomburg Senior Center Asian American Accountable Care Organization

Asociación Tepeyac de New York Associates in Internal Medicine Association to Renefit Children

Audubon Primary Care Urgicare Center Baruch Houses Health Center

Basics, Inc.

Bay Ridge Family Health Center Bayside Senior Center

Bedford Stuyvesant Early Head Start **Bedford Stuyvesant Family Health Center Bedford Stuyvesant Restoration Corporation** 

Behavioral Health Program - Child and Adolescent Clinic

Behavioral Health Program - Adult Clinic

Bella Vista Health Center Benson Ridge Senior Services Bensonhurst Clinic Treatment Center Betances Health Center

Betances Senior Center Beth Israel Medical Center Beth Israel Medical Group

Bishop Orris G. Walker, Jr. Health Care Center Bonifacio Cora Texidor Senior Center Boriken Neighborhood Health Center Boringuen Plaza Senior Center Bowery Residents' Committee

Broadway Family Health Center **Broadway Primary Care Practice** Bronx AIDS Services, Inc. **Bronx Community Board 2** 

Bronx Community Board 3 Bronx Community Health Network

Bronx Family Health Center Bronx Health Center **Bronx River Senior Center** 

Bronx-Lebanon-Fulton Family Medicine Center Bronxwood International Church of God Brookdale University Hospital and Medical Center

**Brooklyn Chamber of Commerce** Brooklyn Chinese Health Center

Brooklyn Partnership to Drive Down Diabetes Brooklyn Plaza - Whitman, Ingersoll, Farragut Center

Brooklyn Plaza Medical Center Brooklyn Public Library System **Brooklyn West Family Center** Brownsville Health Center

Brownsville Multi-Service Family Health Center

Burnside Medical Center **Bushwick Communicare Bushwick Health Center**  CABS Health Center

Callen-Lorde Community Health Center Calvary Cathedral of Prayer Canarsie Family Health Center Care for the Homeless Caribbean American Health Center Caribbean House Health Center

Caribbean Women's Health Association Casa Mexico

Catherine Sheridan Senior Center Catholic Charities Neighborhood Services, Inc.

Center for Immigrant Health

Center for Mental Health (Learning Center)

Center for Mental Health Central Baptist Church Central Jewish Council, Inc. Centro Dental Dominicano

Chance for Children, Youth Information Center, Inc.

Charles B. Wang Community Health Center

Charles B. Wang Community Health Center (Walker Street) Charles B. Rangel Community Health Center

Chemical Dependence Outpatient Services Child Health Center at Glebe Avenue

Chinese American Independent Practice Association

Choices Women's Medical Center Church Ave Church of God Citicare Inc.

Citiwide Harm Reduction

Citizens Committee for New York City

City Harvest

City University of New York Baruch College

Borough of Manhattan Community College

Bronx Community College Brooklyn College College of Staten Island Graduate School Hostos Community College

Hunter College John Jay College of Criminal Justice - Health Services

Kinashorough Community College La Guardia Community College

Lehman College Medgar Evers College

New York City College of Technology

Queens College Queensborough Community College York College - Health Services Office

Clara Cantrell Clemmons Assistance Center Claremont Family Care Center

Clinic (Clinica) Nueva Esperanza

Clinical Directors Network, Inc. Clutch Divaz MC

Coalition for Hispanic Family Services Coalition of Institutionalized Aged and Disabled

College of New Rochelle Columbia Center for Medical Rehabilitation Columbia University Mailman School of Public Health Committee for Hispanic Children and Families, Inc. Common Ground - The Prince George Hotel

Common Ground Community - Times Square Hotel Community Agency for Senior Citizens

Community Association of Progressive Dominicans, Inc. Community Board 3 - Bedford Stuyvesant Community Health Academy of the Heights Community Health Action of Staten Island

Community Health Care Association of New York State Community Health Center of Richmond

Community Healthcare Network Community League Health Center Community Service Society Concourse Medical Center, Inc. Conscious Contact of New York Continuing Day Treatment Program Continuum Health Partners

Cornell Internal Medicine Associates - Helmsley Medical Tower

Cornell University-Cooperative Extension NYC

Corona Wellness Center Covenant House - New York Davidson Community Center, Inc. Daytop Village De Witt Reformed Church

Delany Sisters Health Center Diallo Medical Center

Dominican Women Development Center Downtown Brooklyn Family Health Center

Downtown Health Center Dr. Betty Shabazz Health Center Dr. Martin Luther King, Jr. Health Center Dyckman Clinica de la Americas East 13th Street Family Practice

El Nuevo San Juan El Puente Elderplan, Inc.

Eleanor Roosevelt Houses Child Health Clinic

Elmhurst Senior Center **EmblemHealth Energy Kitchen** Esperanza Center Esprit/Medical Care at Home PC Evangelical Garifuna Church

Excellence Foundation for Parents and Children Inc.

Ezra Medical Center Faith Mission Christian Church Family Physician Health Center

Federation of Protestant Welfare Agencies Fidelis Care of NY First Central Baptist Church First Church of the Valley

First Presbyterian Church of Jamaica First United Methodist Church of Corona Flatbush Family Health Center Flatbush Seventh Day Adventist Church Florence E. Smith Senior Services Flushing Hospital Medical Center

Forest Hills Hospital Fort Greene Health Center Fort Hamilton Clinic Treatment Program

Fort Washington Geriatric Practice Fourth Presbyterian Church

Friendship Baptist Church - Manhattan

Friendship Baptist Church - Queens Friendship Community Church Front Line, Inc. Motorcycle Club Fund for Public Health in New York Geriatric Mental Health Alliance of New York

Geriatric Services, P.C.

Ghanaian Professionals Association at New York City Health

and Hospitals Corporation Glenwood Senior Center **Good Companions Senior Center** Good Shepherd-Faith Presbyterian Church Graham Windham Child Welfare Agency Grameen Research, Inc.

Greater Brooklyn Health Coalition Greater New York Hospital Association Greenpoint Community Health Center

Groundwork, Inc.

Harlem Dowling - West Side Center for Children and Family

Services

Harlem Independent Living Center Harlem United Community AIDS Center Harm Reduction Coalition Training Institute Harriet Rothkopf Heilbrunn - Academic Nursing Center

Haitian-American Community Coalition Health Corps Care of FACT, Columbia University MC Health Education on Wheels, Inc Health Plus Amerigroup

HealthFirst PHSP, Inc. HealthPass

Helen B. Atkinson Health Center Help Ministries International, Inc. Helper Ministries International, Inc. Heritage HealthCare Center HHH Home Care, Inc. Hillcrest Senior Center

Holy Ghost Pentecostal Faith Church Holy Innocents Roman Catholic Church Holy Trinity Health Ministry Holy Trinity Lutheran Church Homecrest Child Health Center Housing Works - Keith D. Cylar House Housing Works Adult Day Care Center

Housing Works, Inc

Hispanic Federation

Howie the Harp Peer Advocacy Center Hunts Point Multi Service FHC ICL Healthcare Choices, Inc. Iglesia de la Santa Cruz IlluminArt Productions

Immaculate Conception Roman Catholic Church

Institute for Community Living - Health Care Choices

Institute for Family Health

Institute for Puerto Rican/Hispanic Elderly Institutes of Applied Human Dynamics Instituto Latino de Cuidado Pastoral, Inc.

Intensive Psychiatric Rehabilitation Therapy Program

Interfaith Medical Center

Interfaith Medical Center Primary Care Center/Designated

AIDS Center

International Center for the Disabled Inwood House

IPR/HE Corona Senior Center

Jamaica Hospital Medical Center James Monroe Senior Center

Jewish Community Center of Staten Island Jewish Community Council of the Rockaway Peninsula Joseph P. Addabbo - Children's Day Treatment Program

Joseph P. Addabbo Family Health Center Joseph P. Addabbo Family Health Center - Far Rockaway

Joseph P. Addabbo Family Health Center - Jamica Judson Health Center

Kingsbrook Jewish Medical Center Korean American Senior Center of Corona Korean American Senior Center of Flushing

Korean Community Services of Metropolitan New York, Inc

La Casa De Salud La Clinica Del Barrio La Marca Family Health Center La Nueva Esparanza Lafayette Houses Health Center Latino Commission on AIDS Lenox Hill Hospital Leonard Covello Senior Center

Local Development Corporation of West Bronx Long Island City Community Practice Long Island City Health Center Long Island College Hospital Long Island University School of Nursing Lord Memorial Building Clinic

Luna Park / Ida G. Israel Community Health Center

Lutheran Church of the Redeemer Lutheran Family Health Centers Maimonides Medical Center Manhattan Eye, Ear & Throat Hospital Manhattan HIV Care Network Manhattan Smoke-Free Partnership Manhattanville / St. Nicholas Houses Mapleton Family Health Center Mapleton Treatment Program Marathas Seventh Day Adventist Church

March of Dimes Mariner's Harbor Houses Health Center

Mayor's Office to Combat Domestic Violence Melrose Houses Health Center Mental Health Association of New York

Mentoring in Medicine Mercy Center



Mentally-III Chemical Abuser Continuing Day Treatment

Milbank Medical Group

Millennium - Abe Stark Senior Center Millennium - Bergen Beach Senior Program Millennium - Midwood Active Adults Program

Millennium - Vandalia Active Adults Millennium Development

Methadone Maintenance Treatment Program

Modell's II. Inc

Montefiore Comprehensive Family Care Center Montefiore Comprehensive Health Care Center

Montefiore Family Health Center Montefiore Medical Center

Montefiore Medical Group - Comprehensive Family Care

Center

Montefiore School Health Program - South Bronx High

School Health Center Morris Heights Health Center

Morris High School Mount Sinai Medical Center Mt. Hope Family Practice Mt. Olivet Gospel Church

Mt. Zion CME Church Muslim Women's Institute for Research and Development Narco Freedom Neighborhood and Family Health Center

Narrows at the Lodge Narrows Senior Center

National Alliance for Medication Assisted Recovery

NE Oueens Senior Services

Neighborhood & Family Health Center - Bridget Plaza Neighborhood & Family Health Center - Bronx

Neighborhood & Family Health Center - Red Hook Neighborhood Health Providers

New Direction Services New Generation Kids Fitness New York Academy of Medicine New York Association on HIV Over 50

**New York Blood Center** 

New York City Coalition for a Smoke-Free City New York City Department for the Aging New York City Department of Citywide Administrative

Services New York City Department of Design and Construction New York City Department of Homeless Services New York City Department of Transportation New York City Health and Hospitals Corporation

Bellevue Hospital Center

Coler-Goldwater Specialty Hospital and Nursing Facility

Coney Island Hospital

Cumberland Diagnostic and Treatment Center Dr. Susan Smith McKinney Nursing and Rehabilitation

East New York Diagnostic and Treatment Center

Elmhurst Hospital Center

Gouverneur Health Care Diagnostic & Treatment Center

Harlem Hospital Center Health and Home Care Jacobi Medical Center Kings County Hospital Center

Lincoln Medical and Mental Health Center MetroPlus Health Plan

Metropolitan Hospital Center

Morrisania Diagnostic and Treatment Center

North Central Bronx Hospital Queens Hospital Center

Renaissance Health Care Diagnostic & Treatment Center Segundo Ruiz Belvis Diagnostic and Treatment Center

New York City Human Resources Administration/Department

of Social Services New York Hotel Trades - Brooklyn Health Center

New York Hotel Trades - Harlem Health Center New York Hotel Trades - Midtown Health Center New York Hotel Trades - Queens Health Center New York Hotel Trades Health Centers, Inc. New York Medical and Diagnostic Center, Inc. New York Methodist Hospital

New York Presbyterian Hospital New York Public Library

New York Road Runners Club

New York University College of Nursing Faculty Practice New York University College of Nursing Mobile Health

Program

New York University Student Health Center

Newkirk Family Health Center Northeast Business Group on Health Northeast Queens Friendly Visiting Program Northeast Queens Home Delivered Meals Program

Northern Manhattan Perinatal Partnership Northside Center for Child Development Northside Senior Center

ODA Primary Health Care Center, Inc. ODA Professionals OB/GYN Services Options for Community Living

Our Lady of Mercy Community Care Health Center Our Lady of the Angelius Roman Catholic Church

Ozone Park Senior Center

Parent Job Net

Park Gardens Long Term Home Health Care Program

Park Ridge Family Health Center Park Slope Family Health Center Parkchester Family Practice Partial Hospital Program Partnership in Care - MetroPlus Pediatric Health Care PC Peninsula Hospital

Pete McGuinness Senior Center Peter J. DellaMonica Senior Center

Phase Piggy Back, Inc.

Planned Parenthood of New York City

Planned Parenthood of New York City - Borough Hall Center Planned Parenthood of New York City - Bronx Center

Plaza del Castillo Health Center

Polonian Organized to Minister Our Community, Inc

Port Richmond High School Primary Care Center of Flushing Primary Care Development Corporation

Primary Care Services Project Renewal Inc

Project Renewal, Inc. - Fort Washington Project Renewal, Inc. - Med Van Project Renewal, Inc. - ScanVan Project Renewal, Inc. - Street Smart Van Project Renewal, Inc. - Third Street

Project Samaritan

Project Samaritan - 53rd Street Clinic Project Samaritan - Damian Family Care Center

Project Samaritan - Ellenville Clinic Project Samaritan - Help PSI Services Project Samaritan - Highbridge Clinic Project Samaritan - Inwood Clinic Project Samaritan - Starhill Clinic Project Samaritan Health Services

Promesa - Claremont Family Health Center Promesa - Clay Avenue Primary Care Practice Promesa - Park Avenue Family Health Center

**Public Health Solutions** Puerto Rican Family Institute Quality Health Center Oueens College Soccer Oueens Health Center

Queens Health Network Medical Center at Corona Queens Health Network Medical Center at Junction Blvd Queens Health Network Medical Center at Parsons Blvd

Queens Health Network Medical Center at Ridgewood Queens Health Network Medical Center at Woodside Queens Health Network Women's Medical Center

Queens Public Library System

Reality House

Reformed Church of Prince Bay ReServe Flder Service, Inc. Rhythms Soul Dance Studio Richmond University Medical Center Riverbay Fund

Russian American Health Coalition

Saeview Medical Care Safe Horizon Safe Space

Salem Missionary Baptist Church

Samaritan Village

Samaritan Village - Forbell Treatment Program Samaritan Village - Highbridge Residential Treatment

Program Samaritan Village - Jamaica Intensive Outpatient Facility Samaritan Village - Van Wyck Treatment Program

Samuel Field YM-YWHA Sea of Galilee Church

Sea View Hospital Rehabilitation Center and Home

Seamen's Society for Children and Families

Seaside Senior Center

Second Providence Baptist Church SelfHelp - Prince Street Senior Center SelfHelp - Benjamin Rosenthal Jr. Senior Center Senior Citizens League of Flatbush

Services Now for Adult Persons, Inc. Sheepshead Bay NORC Shore Road Family Health Center Silver Lake Support Services Inc.

Smith Communicare Health Center

SLF Lunus Foundation

Soundview Healthcare Network South Brooklyn Alzheimer's Adult Day Care Center

South Brooklyn Health Center South Queens Multi-Service Center

Southwest Oueens Home Delivered Meals Program

Southwest Queens Senior Services Spanish Speaking Elderly Council - RAICES Springfield Gardens Church of the Nazarene

St. Anthony Baptist Church St. Barnabas Hospital St. Charles Jubilee Center

St. Gabriel's Episcopal/Angelica Church St. John's Episcopal Hospital St. John's Evangelical Lutheran Church St. Louis Intergenerational Program

St. Louis Senior Center

St. Luke's Lutheran Church and Academy St. Luke's-Roosevelt Hospital Center St. Margaret Mary Church St. Mark the Evangelist Church

St. Mary's Center, Inc. St. Pascal Baylon Roman Catholic Church

St. Paul's House Inc. St. Stanislaus Kostka Church St. Stephens of Hungary Church Stapleton Health Center Star America Day Care Star America Pre-School Star America Pre-School (Queens) Star America, Inc.

Star Paradise Pre-School Staten Island Community Television

Staten Island Council on Alcoholism & Substance Abuse Staten Island Mental Health Society, Inc.

Staten Island Partnership for Community Wellness Staten Island Slim Down

Staten Island Smoke-Free Partnership Staten Island University Hospital Staten Island YMCA Broadway Branch

Steinway Senior Services StreetSquash

Sumner Avenue Health Center Sunset Road Park Family Health Center Sunset Terrace Health Center

SUNY State College of Optometry/University Eye Center

Sutter Avenue Health Center The Bay Senior Center The Child Center of New York The Children's Aid Society The Epoch Times

The Father's Heart Ministries The Floating Hospital

The George and Eva Nell Barbee Family Health Center The Gospel Tabernacle Church Of Jesus Apostolic, Inc.

The Grace Foundation of New York The Happy Medium Ensemble The Health Center at Gunhill The Health Center at Tremont The Healthy Tummy Initiative

The Herman "Denny" Farrell, Jr. Community Health Center

The Medical Letter

TheraCare

Therapeutic Imprints, Inc. Today's Child Communications Touro College of Osteopathic Medicine

Touro College of Pharmacy Trabajamos Community Head Start

Union Baptist Church

Union Community Health Center United Community Baptist Church

United Hospital Fund

United Jewish Organization of Williamsburg

United Neighborhood House University Heights Presbyterian Church

UPACA Houses Senior Center Urhan Health Plan, Inc.

VersaCare Diagnostic & Treatment Center, Inc. (Human

First, Inc.) Vertex LLC

Veterans Mental Health Coalition of NYC

Village Care of New York Violence Intervention Program **VIP Community Services** 

VISIONS - Services for the Blind and Visually Impaired

Visiting Nurse Services VNS NY Choice Health Plan Wagner College Walton Family Health Center Walton High School Health Center Washington Heights Child Health Center Washington Heights Family Health Center

WellCare Health Plan West Brighton Senior Center Westside Campaign Against Hunger William F. Ryan Community Health Center Williamsburg Community Health Center

Williamsburg Health Center Willowbrook Park Baptist Church

Women In Need, Inc. Women's Health Services at Astoria Women's Health Services at Bushwick Women's Health Services at Eastern Parkway Women's Health Services at Fort Greene Women's Health Services at Jamaica Women's Health Services at Manhattanville Women's Health Services at Tremont Women's Health Services at Williamsburg Woodhaven-Richmond Senior Center Woodside Mental Health Clinic Wright Center on Aging

Wyckoff Gardens Houses Health Center Wyckoff Heights Medical Center YAI/National Institute for People with Disabilities YMCA of Staten Island Counseling Service

Young Womens' Leadership School of Astoria Youth Advisory Board YWCA of Brooklyn YWCA of New York City



