

NEW YORK CITY COMMUNITY HEALTH SURVEY ATLAS

2009

NYC

Health



Table of Contents—Community Health Survey Atlas 2009

General Physical and Mental Health	Page	Cancer Screening	Page
Fair or poor self-reported health	1	Colon cancer screening (colonoscopy) in past 10 years	7
History of depression	1	Breast cancer screening (mammography) in past two years	7
Asthma ever	1	Cervical cancer screening (Pap test) in past three years	7
History of depression / Fair or poor self-reported health	1	Cervical cancer screening (Pap test) in past three years / Breast cancer screening (mammography) in past two years	7
Weight, Exercise, Nutrition & Diabetes		Blood Pressure	
Obesity	2	Ever told high blood pressure by medical provider	8
Diabetes ever	2	Currently on blood pressure medication	8
Drinks one or more sugar-sweetened beverage per day	2	Access to Health Care	
Diabetes ever / Obesity	2	Uninsured	9
Walked/biked more than 10 blocks as transportation in the past month	3	Has a personal doctor or provider	9
Ate no fruits or vegetables yesterday	3	Seasonal flu vaccination in the past year	9
Walked/biked more than 10 blocks as transportation in the past month / Ate no fruits or vegetables yesterday	3	Did not get needed medical care in past year	9
Obesity / Drinks one or more sugar-sweetened beverage per day	3	Race / Ethnicity and Poverty	
Any physical activity in the past month	4	Non-Hispanic black	10
Drinks unfiltered tap water most frequently	4	Hispanic	10
Obesity / Any physical activity in the past month	4	Non-Hispanic Asian	10
Obesity / Walked/biked more than 10 blocks as transportation in the past month	4	Neighborhood poverty	10
Cigarette Smoking and Alcohol		United Hospital Fund (UHF 34) Neighborhood Index	11
Current smoker	5	United Hospital Fund (UHF 34) ZIP Code Area Index	12
Binge drinking	5		
Binge drinking / Current smoker	5		
Has a smoke-free home policy	5		
HIV Testing and Condom Use			
Condom use at last sex	6		
HIV testing in the past year	6		

Cover page photo credits (alphabetical order): Stephen Bitterolf (36), Shadi Chamany (23), Elizabeth Drackett (10), Luz Filion (27), Mary Freeman (26), Chris Goranson (2, 7, 8, 17, 18, 24, 25, 33), Zaida Guerrero (4), Omar Jabado (30), John Jasek (11), Ella Jewell (12), Elizabeth Kilgore (21), Marty Kim (34), S. Kaye Klein (9, 37), Daniel Krieger (22, 35), Mandi Larsen (5), Farida Mahmood (38), Kristina Metzger (16), Carolyn Olson (15, 29), Chitra Ramaswamy (3, 19), Melissa Rodriguez (31), Dejana Senenic (14), Tejinder Singh (6), Joshua Volle (32), Edward Wake (1), Ernesha K. Webb (20, 28), Gretchen Van Wye (13).

The New York City Community Health Survey (CHS) is a telephone survey conducted annually by the NYC Department of Health and Mental Hygiene, Division of Epidemiology, Bureau of Epidemiology Services. CHS provides robust data on the health of New Yorkers, including both neighborhood and citywide estimates on a broad range of chronic diseases and behavioral risk factors.

CHS is based on the National Behavioral Risk Factor Surveillance System (BRFSS), conducted by the Centers for Disease Control and Prevention. The CHS is a cross-sectional survey that samples adults ages 18 and older from all five boroughs of New York City – The Bronx, Brooklyn, Manhattan, Staten Island and Queens. A computer-assisted telephone interviewing (CATI) system is used to collect survey data, and interviews are conducted in a variety of languages. All data collected are self-report. CHS has included adults with landline phones since 2002 and, starting in 2009, also has included adults who can be reached only by cell-phone.

CHS 2009 used a non-overlapping dual frame sample design. The first sampling frame consisted of landline residential telephone numbers, the second frame consisted of telephone numbers from cellular exchanges covering New York City. The design is non-overlapping because in the cellular frame, adults living in households with landline telephones were screened out. Landline interviews were also stratified using the United Hospital Fund's (UHF) neighborhood definitions. There are 42 UHF neighborhoods in NYC, each defined by several adjoining zip codes. To increase statistical power after the survey was conducted, several neighborhoods were combined, resulting in the 34 neighborhoods shown in this report.

The total landline analytic sample in 2009 was 9,360 interviews, with a response rate of 34% and cooperation rate of 88%. The total cellular only analytic sample was 574, with a response rate of 50% and a cooperation rate of 97% (all rates AAPOR method #3).

For more information and survey questionnaires, visit nyc.gov/html/doh/html/survey
For other Health Department data resources and publications, visit nyc.gov/health/mycommunityshealth

Reading the maps: Data on each map are divided into quartiles. Darker color gradients and larger point size represent higher percentages for a given variable. Areas that include unreliable estimates that should be interpreted with caution are identified with a hatching pattern, and areas where no estimate could be calculated or that are not covered by a UHF neighborhood (e.g., Central Park) are identified as gray areas. Maps include necessary notes reflecting age-adjusted percentages or other key information for selected variables. The maps are designed to allow readers to copy any given map and paste it into another document.

References

1. New York City Department of Health and Mental Hygiene. Epiquery: NYC Interactive Health Data System - Community Health Survey 2009. September 29th, 2010. <http://nyc.gov/health/epiquery>
2. New York City Department of Health and Mental Hygiene. My Community's Health: ESRI Shapefiles - CHS_2009_DOHMH_2010. October 28th, 2010. <http://nyc.gov/health/mycommunityshealth>
3. Brewer, Cynthia A., 2005. <http://www.ColorBrewer.org>, accessed October 31st, 2008.
4. The American Association for Public Opinion Research. (2008). Standard Definitions: Final Dispositions and Outcome Rates for Surveys. http://www.aapor.org/Standard_Definitions1.htm

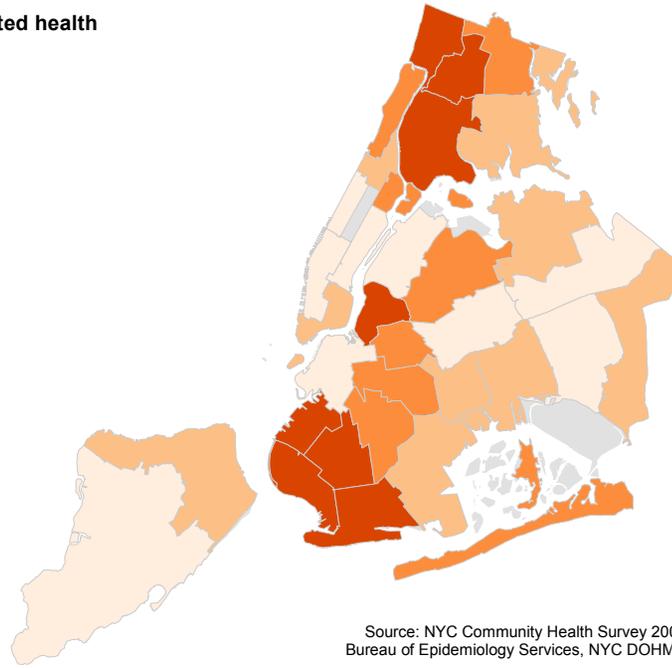
Suggested Citation: Goranson C, Jasek J, Olson C, Greene C. The New York City Community Health Survey Atlas, 2009. The New York City Department of Health and Mental Hygiene, 2010.

Acknowledgements: Catherine Corey, Donna Eisenhower, Stephen Immerwahr, Bonnie Kerker, Jennifer Norton

Fair or poor self-reported health

- 6.1% - 16.3%
- 16.4% - 19.2%
- 19.3% - 24.2%
- 24.3% - 33.1%

*Percentages are age adjusted.

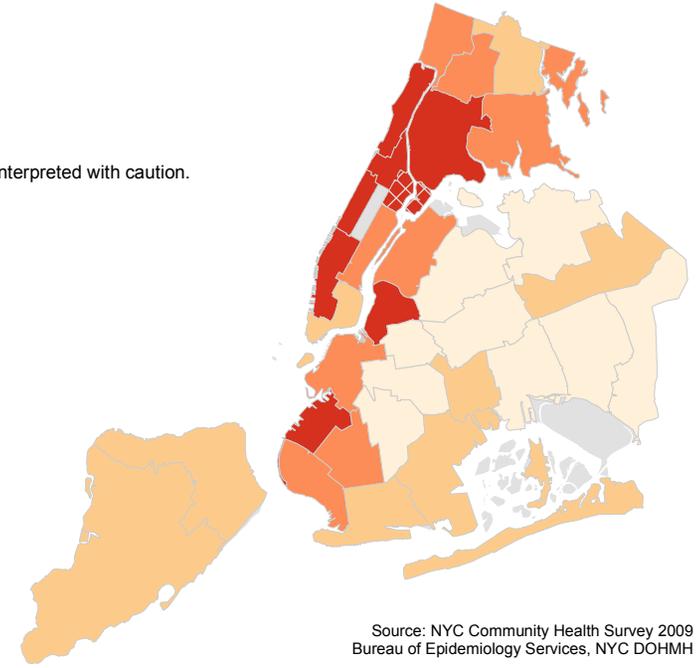


Source: NYC Community Health Survey 2009
Bureau of Epidemiology Services, NYC DOHMH

History of depression

- 7.0% - 10.4%
- 10.5% - 13.2%
- 13.3% - 15.9%
- 16.0% - 21.5%
- Estimate should be interpreted with caution.

*Percentages are age adjusted.

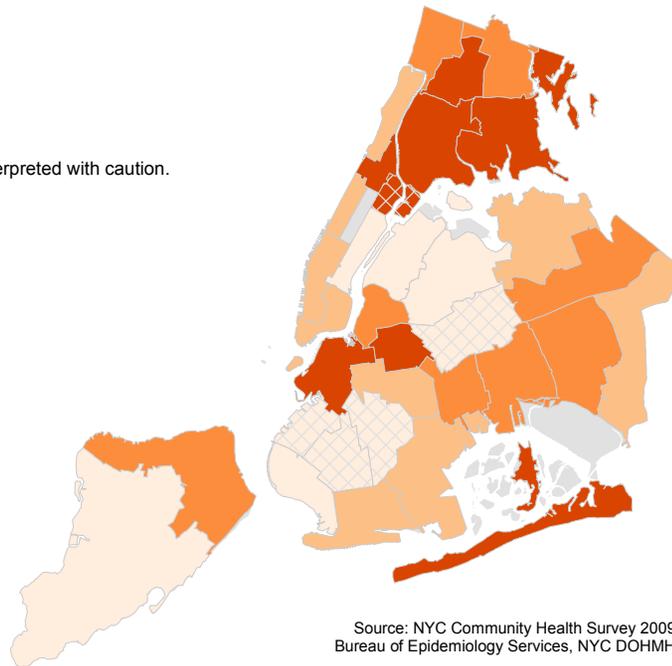


Source: NYC Community Health Survey 2009
Bureau of Epidemiology Services, NYC DOHMH

Asthma ever

- 4.1% - 9.0%
- 9.1% - 11.6%
- 11.7% - 15.6%
- 15.7% - 21.6%
- Estimate should be interpreted with caution.

*Percentages are age adjusted.

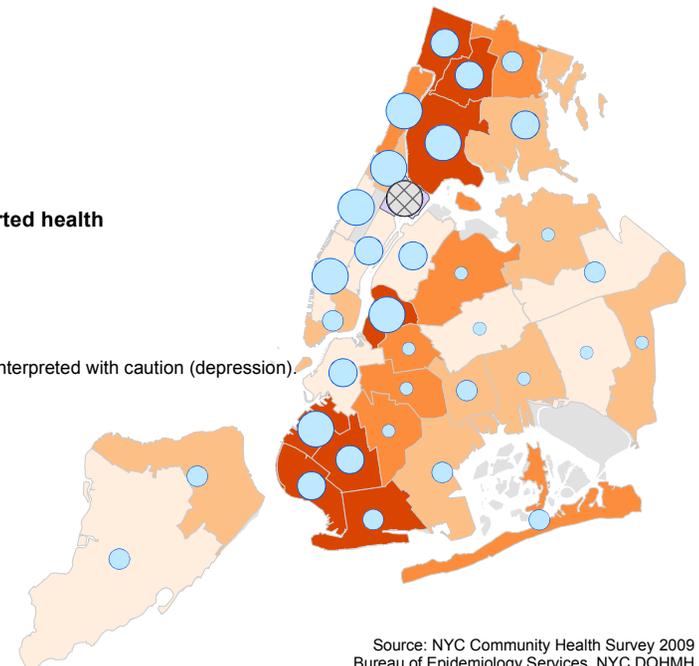


Source: NYC Community Health Survey 2009
Bureau of Epidemiology Services, NYC DOHMH

History of depression

- 7.0% - 10.4%
- 10.5% - 13.2%
- 13.3% - 15.9%
- 16.0% - 21.5%
- Estimate should be interpreted with caution (depression).

*Percentages are age adjusted.



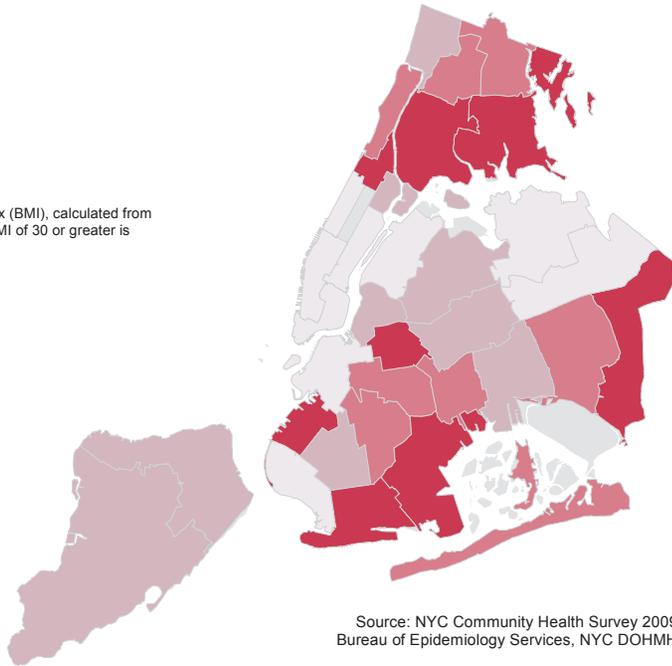
Source: NYC Community Health Survey 2009
Bureau of Epidemiology Services, NYC DOHMH

Obesity



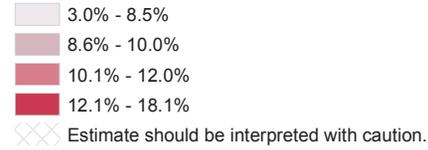
*Percentages are age adjusted.

Obesity is based on Body Mass Index (BMI), calculated from self-reported weight and height. A BMI of 30 or greater is classified as obese.



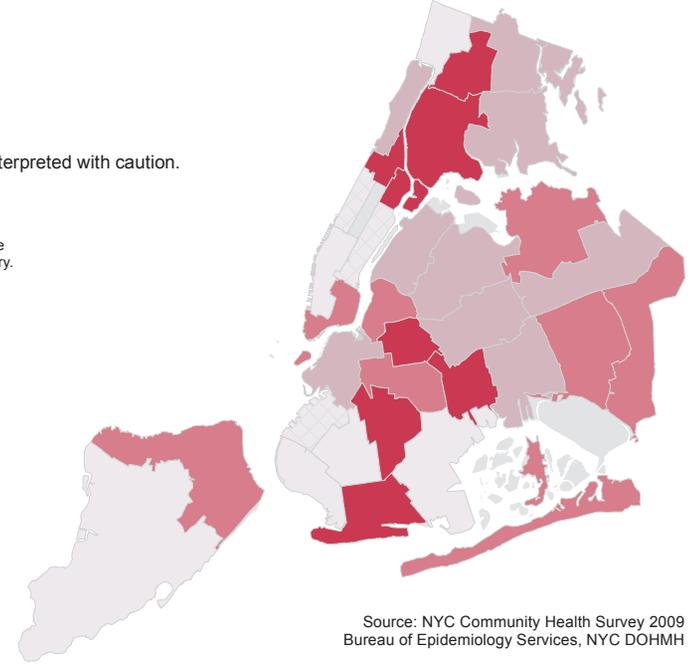
Source: NYC Community Health Survey 2009
Bureau of Epidemiology Services, NYC DOHMH

Diabetes ever



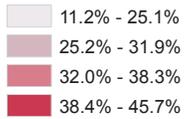
*Percentages are age adjusted.

Women who had diabetes only while pregnant are included in 'no' category.



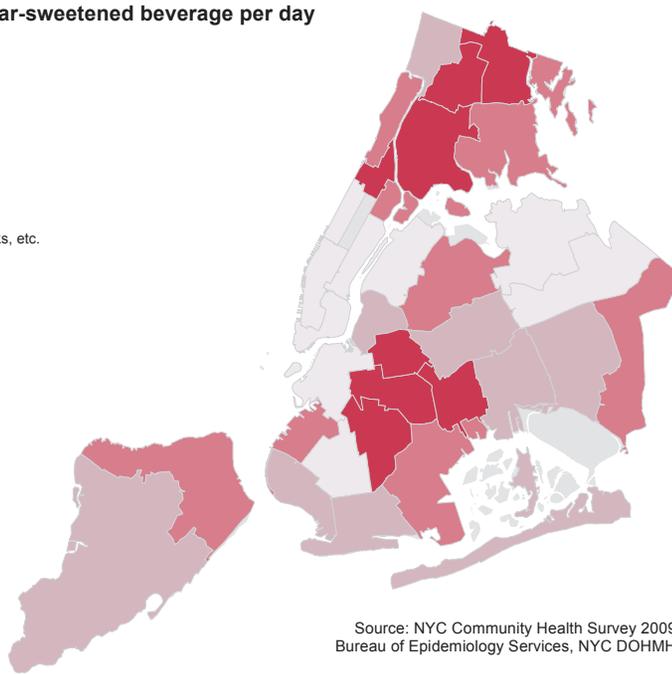
Source: NYC Community Health Survey 2009
Bureau of Epidemiology Services, NYC DOHMH

Drinks one or more sugar-sweetened beverage per day



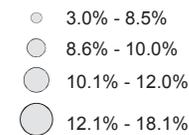
*Percentages are age adjusted.

Includes sodas, iced tea, sports drinks, etc.

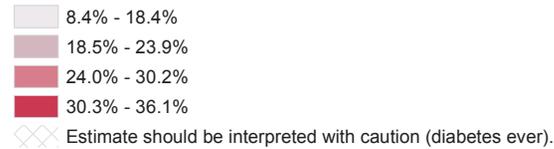


Source: NYC Community Health Survey 2009
Bureau of Epidemiology Services, NYC DOHMH

Diabetes ever



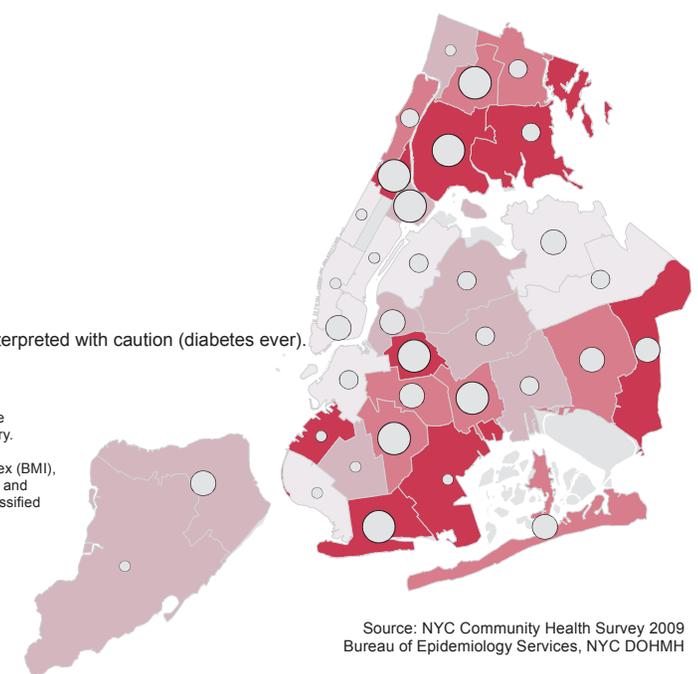
Obesity



*Percentages are age adjusted.

Women who had diabetes only while pregnant are included in 'no' category.

Obesity is based on Body Mass Index (BMI), calculated from self-reported weight and height. A BMI of 30 or greater is classified as obese.



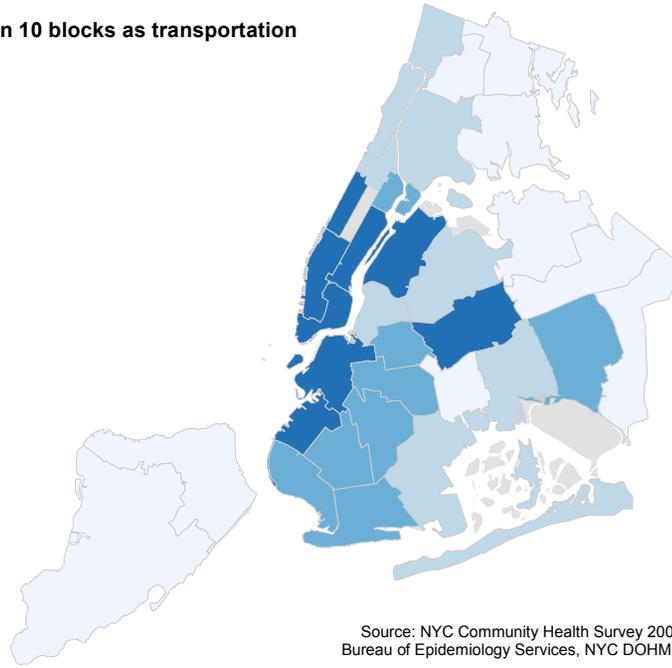
Source: NYC Community Health Survey 2009
Bureau of Epidemiology Services, NYC DOHMH

Weight, Exercise, Nutrition & Diabetes

Walked/biked more than 10 blocks as transportation in the past month

- 56.1% - 61.9%
- 62.0% - 67.8%
- 67.9% - 73.1%
- 73.2% - 88.1%

*Percentages are age adjusted.

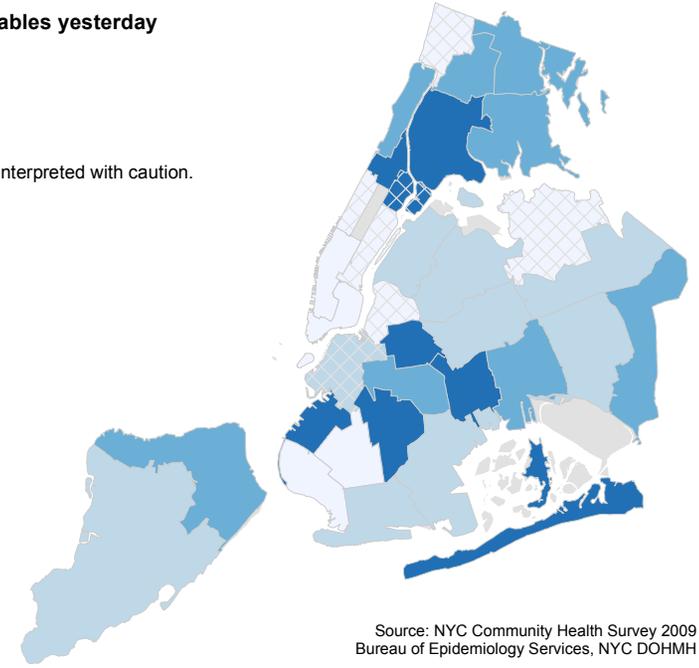


Source: NYC Community Health Survey 2009
Bureau of Epidemiology Services, NYC DOHMH

Ate no fruits or vegetables yesterday

- 3.8% - 8.4%
- 8.5% - 11.2%
- 11.3% - 17.5%
- 17.6% - 24.5%
- Estimate should be interpreted with caution.

*Percentages are age adjusted.



Source: NYC Community Health Survey 2009
Bureau of Epidemiology Services, NYC DOHMH

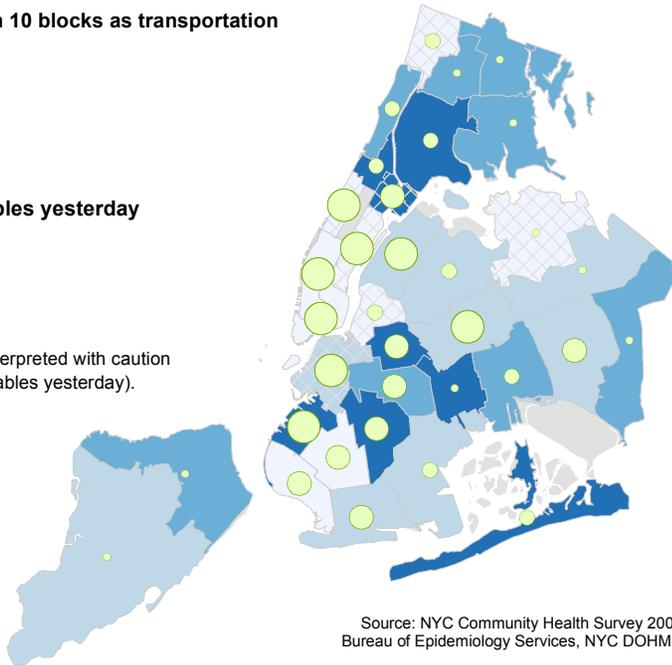
Walked/biked more than 10 blocks as transportation in the past month

- 56.1% - 61.9%
- 62.0% - 67.8%
- 67.9% - 73.1%
- 73.2% - 88.1%

Ate no fruits or vegetables yesterday

- 3.8% - 8.4%
- 8.5% - 11.2%
- 11.3% - 17.5%
- 17.6% - 24.5%
- Estimate should be interpreted with caution (ate no fruits or vegetables yesterday).

*Percentages are age adjusted.



Source: NYC Community Health Survey 2009
Bureau of Epidemiology Services, NYC DOHMH

Obesity

- 8.4% - 18.4%
- 18.5% - 23.9%
- 24.0% - 30.2%
- 30.3% - 36.1%

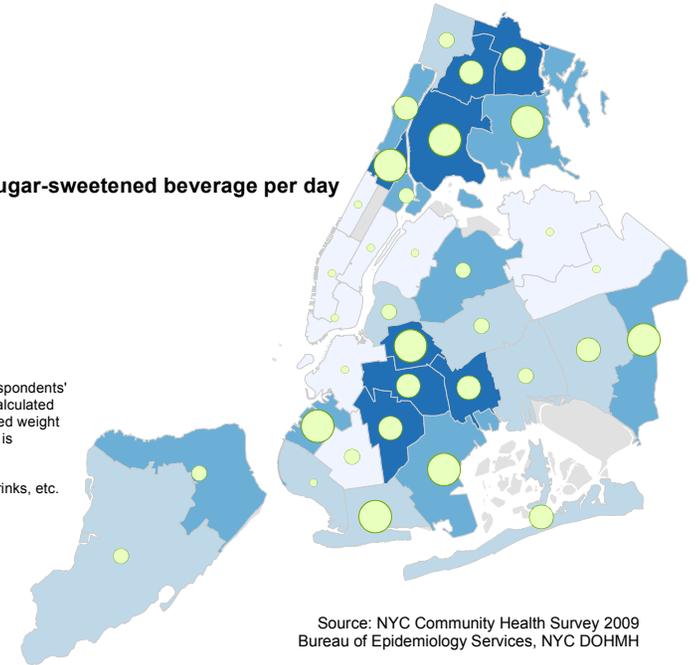
Drinks one or more sugar-sweetened beverage per day

- 11.2% - 25.1%
- 25.2% - 31.9%
- 32.0% - 38.3%
- 38.4% - 45.7%

*Percentages are age adjusted.

Obesity is determined by using respondents' Body Mass Index (BMI). BMI is calculated based on respondents' self-reported weight and height. A BMI of 30 or greater is classified as obese.

Includes sodas, iced tea, sports drinks, etc.



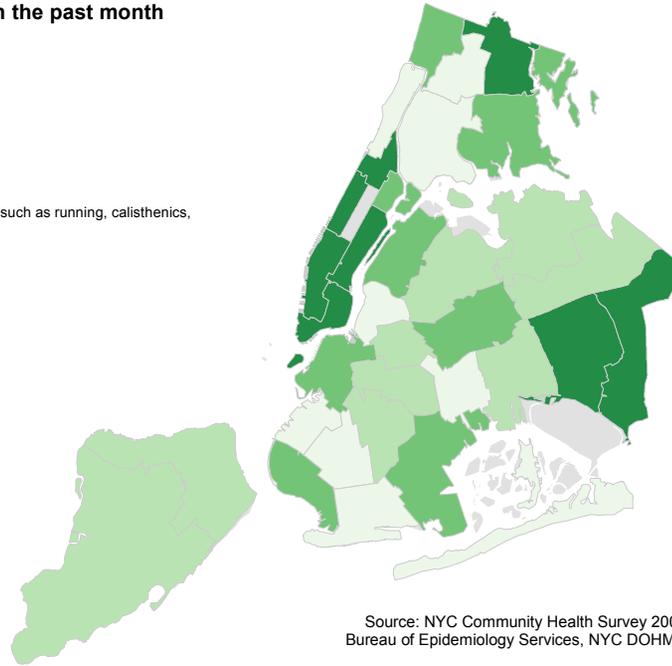
Source: NYC Community Health Survey 2009
Bureau of Epidemiology Services, NYC DOHMH

Any physical activity in the past month

- 58.5% - 66.7%
- 66.8% - 71.7%
- 71.8% - 77.7%
- 77.8% - 88.3%

*Percentages are age adjusted.

Physical activity includes exercises such as running, calisthenics, golf, gardening, or walking.

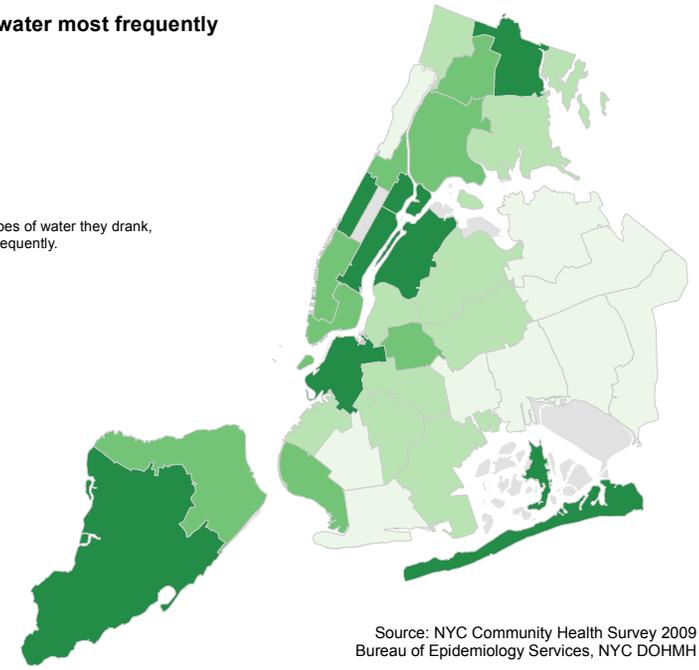


Drinks unfiltered tap water most frequently

- 14.0% - 19.0%
- 19.1% - 21.6%
- 21.7% - 23.7%
- 23.8% - 35.5%

*Percentages are age adjusted.

Respondents were asked what types of water they drank, and which type they drank most frequently.



Obesity

- 8.4% - 18.4%
- 18.5% - 23.9%
- 24.0% - 30.2%
- 30.3% - 36.1%

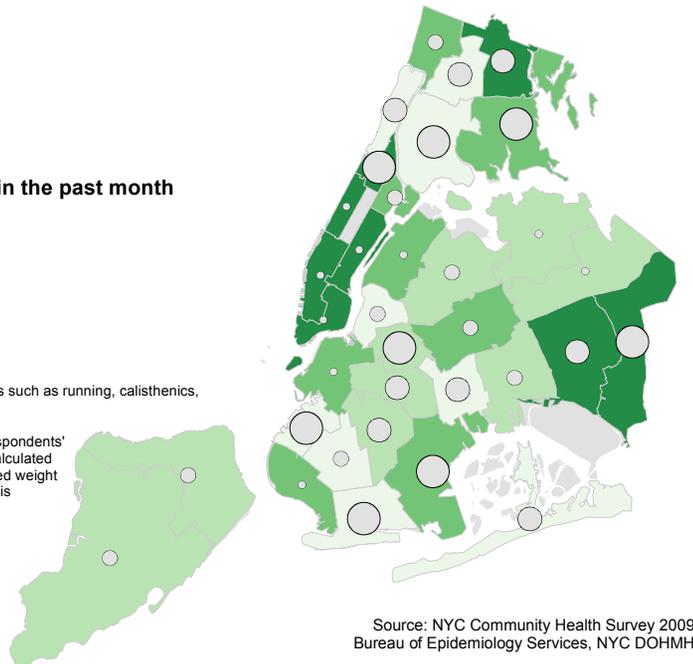
Any physical activity in the past month

- 58.5% - 66.7%
- 66.8% - 71.7%
- 71.8% - 77.7%
- 77.8% - 88.3%

*Percentages are age adjusted.

Physical activity includes exercises such as running, calisthenics, golf, gardening, or walking.

Obesity is determined by using respondents' Body Mass Index (BMI). BMI is calculated based on respondents' self-reported weight and height. A BMI of 30 or greater is classified as obese.



Obesity

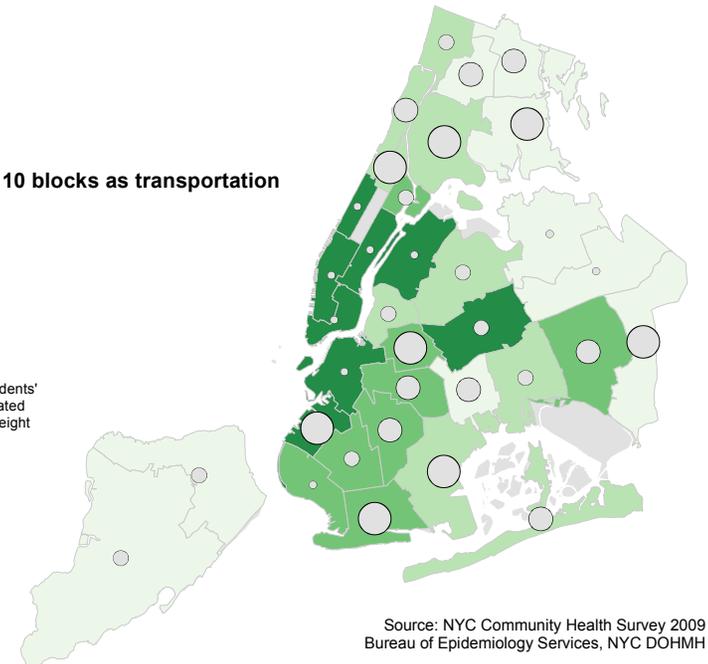
- 8.4% - 18.4%
- 18.5% - 23.9%
- 24.0% - 30.2%
- 30.3% - 36.1%

Walked/biked more than 10 blocks as transportation in the past month

- 56.1% - 61.9%
- 62.0% - 67.8%
- 67.9% - 73.1%
- 73.2% - 88.1%

*Percentages are age adjusted.

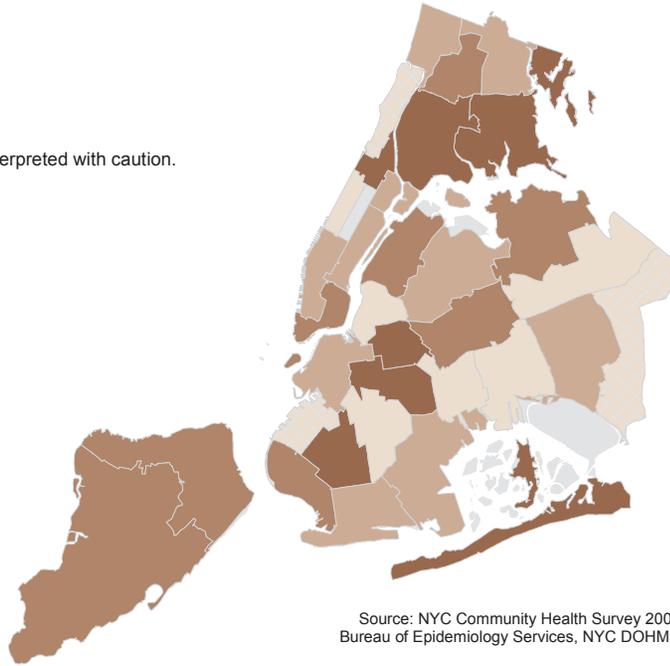
Obesity is determined by using respondents' Body Mass Index (BMI). BMI is calculated based on respondents' self-reported weight and height. A BMI of 30 or greater is classified as obese.



Current smoker

- 8.3% - 12.4%
- 12.5% - 16.1%
- 16.2% - 18.6%
- 18.7% - 24.5%
- Estimate should be interpreted with caution.

*Percentages are age adjusted.



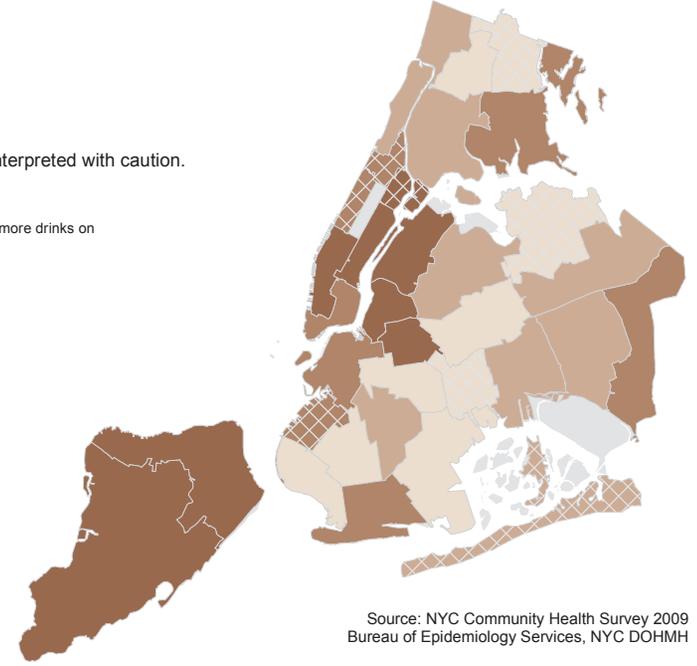
Source: NYC Community Health Survey 2009
Bureau of Epidemiology Services, NYC DOHMH

Binge drinking

- 6.4% - 11.7%
- 11.8% - 13.4%
- 13.5% - 16.9%
- 17.0% - 31.3%
- Estimate should be interpreted with caution.

*Percentages are age adjusted.

Binge drinking is defined as five or more drinks on one occasion in the past 30 days.



Source: NYC Community Health Survey 2009
Bureau of Epidemiology Services, NYC DOHMH

Binge drinking

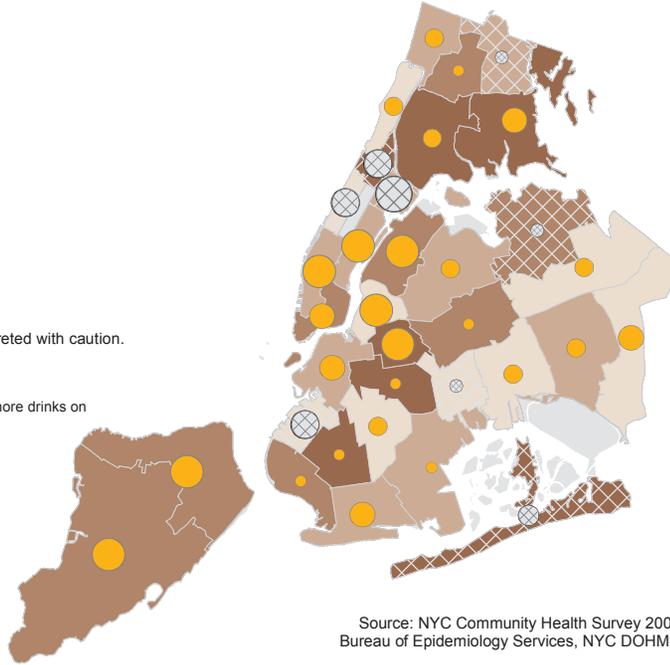
- 6.4% - 11.7%
- 11.8% - 13.4%
- 13.5% - 16.9%
- 17.0% - 31.3%

Current smoker

- 8.3% - 12.4%
- 12.5% - 16.1%
- 16.2% - 18.6%
- 18.7% - 24.5%
- Estimate should be interpreted with caution.

*Percentages are age adjusted.

Binge drinking is defined as five or more drinks on one occasion in the past 30 days.



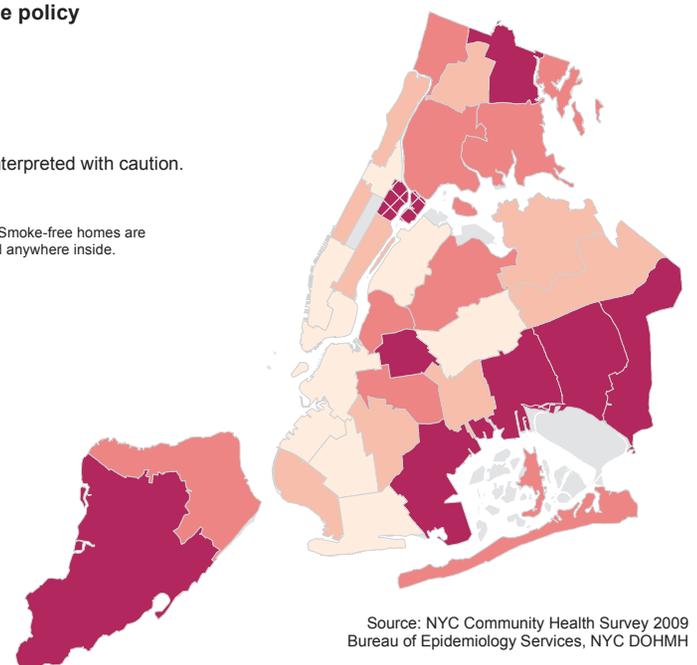
Source: NYC Community Health Survey 2009
Bureau of Epidemiology Services, NYC DOHMH

Has a smoke-free home policy

- 74.0% - 78.1%
- 78.2% - 79.6%
- 79.7% - 81.9%
- 82.0% - 88.5%
- Estimate should be interpreted with caution.

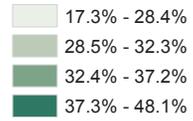
*Percentages are age adjusted.

Results restricted to non-smokers. Smoke-free homes are those where smoking is not allowed anywhere inside.



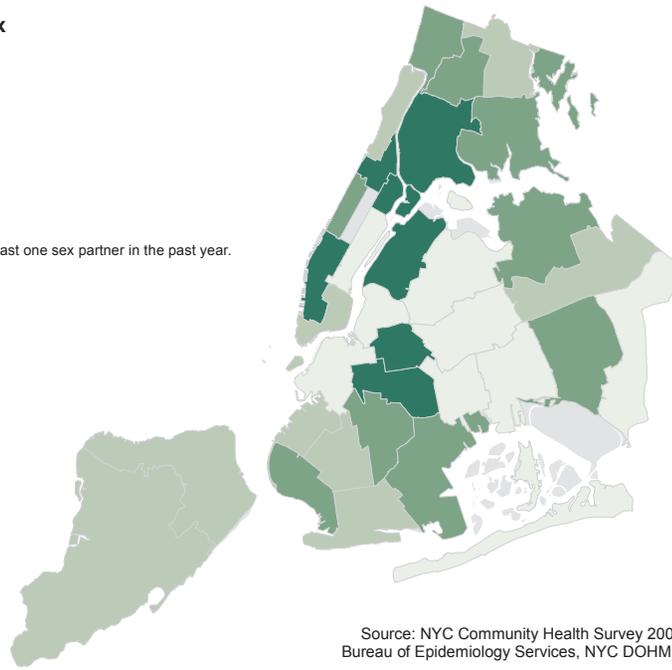
Source: NYC Community Health Survey 2009
Bureau of Epidemiology Services, NYC DOHMH

Condom use at last sex



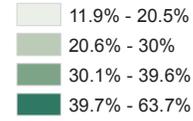
*Percentages are age adjusted.

Results restricted to adults with at least one sex partner in the past year.

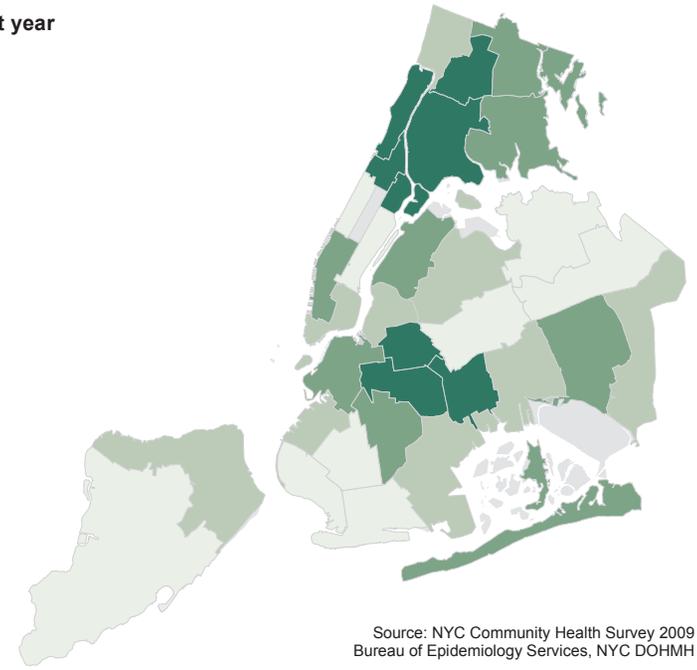


Source: NYC Community Health Survey 2009
Bureau of Epidemiology Services, NYC DOHMH

HIV testing in the past year



*Percentages are age adjusted.



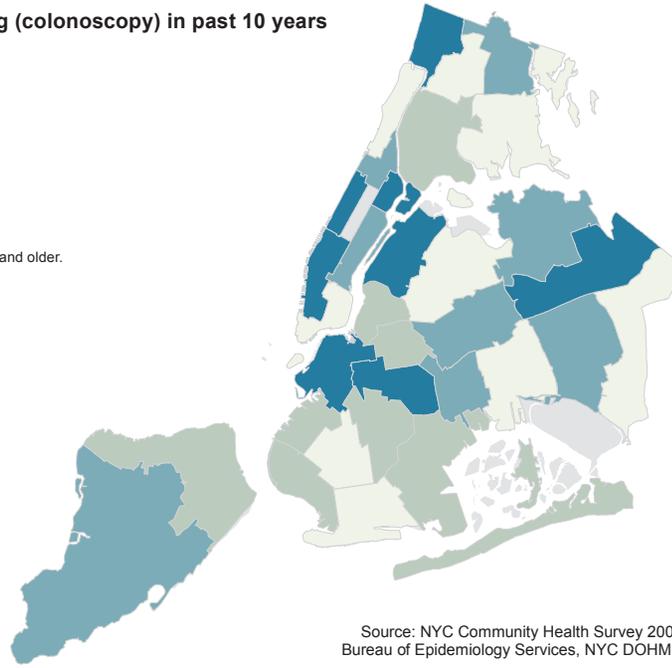
Source: NYC Community Health Survey 2009
Bureau of Epidemiology Services, NYC DOHMH

Colon cancer screening (colonoscopy) in past 10 years

- 55.5% - 63.0%
- 63.1% - 67.0%
- 67.1% - 70.2%
- 70.3% - 77.1%

*Percentages are age adjusted.

Results restricted to adults aged 50 and older.



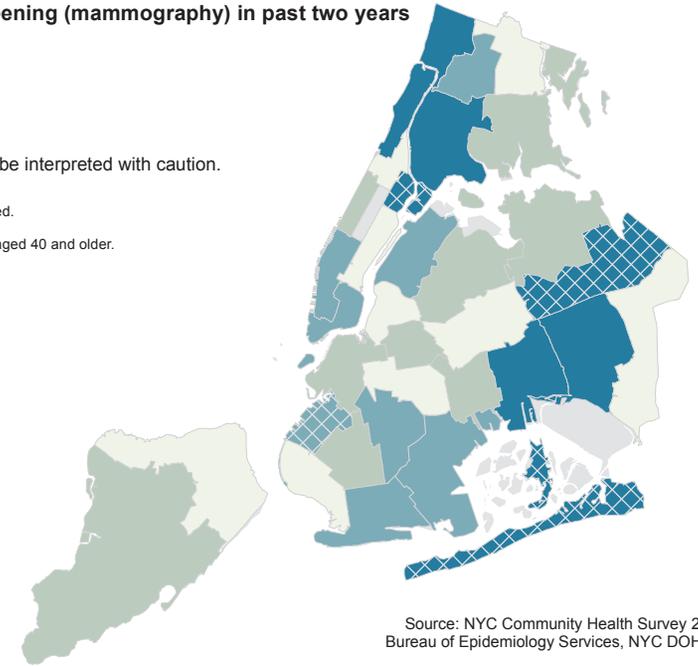
Source: NYC Community Health Survey 2009
Bureau of Epidemiology Services, NYC DOHMH

Breast cancer screening (mammography) in past two years

- 60.3% - 75.7%
- 75.8% - 78.9%
- 79.0% - 82.4%
- 82.5% - 93.2%
- Estimate should be interpreted with caution.

*Percentages are age adjusted.

Results restricted to women aged 40 and older.



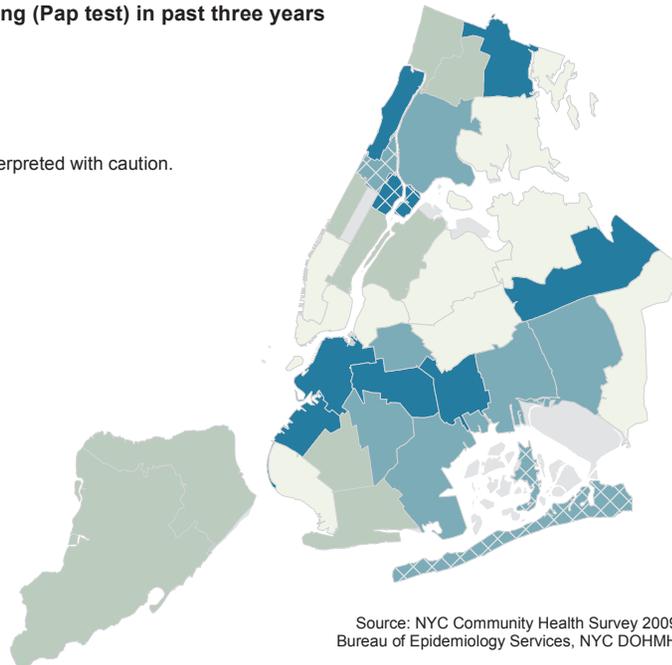
Source: NYC Community Health Survey 2009
Bureau of Epidemiology Services, NYC DOHMH

Cervical cancer screening (Pap test) in past three years

- 64.9% - 76.5%
- 76.6% - 82.5%
- 82.6% - 87.2%
- 87.3% - 91.6%
- Estimate should be interpreted with caution.

*Percentages are age adjusted.

Results restricted to women.



Source: NYC Community Health Survey 2009
Bureau of Epidemiology Services, NYC DOHMH

Cervical cancer screening (Pap test) in past three years

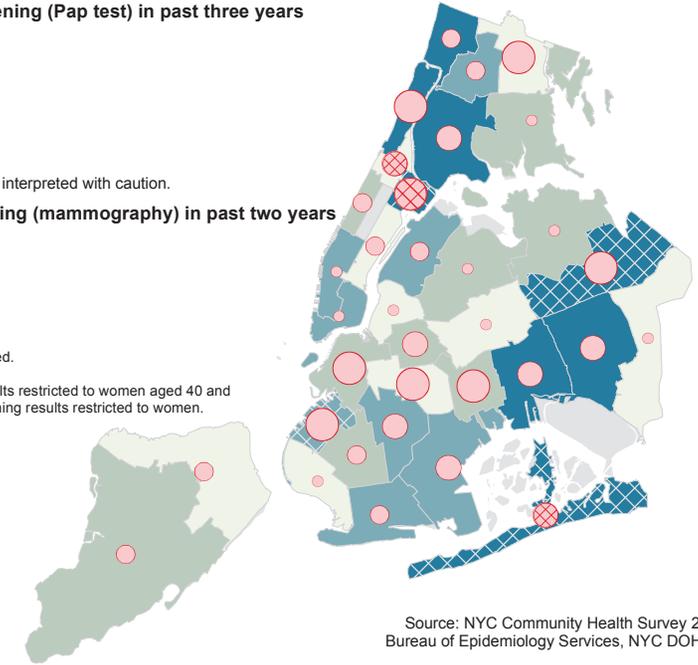
- 64.9% - 76.5%
- 76.6% - 82.5%
- 82.6% - 87.2%
- 87.3% - 91.6%
- Estimate should be interpreted with caution.

Breast cancer screening (mammography) in past two years

- 60.3% - 75.7%
- 75.8% - 78.9%
- 79.0% - 82.4%
- 82.5% - 93.2%

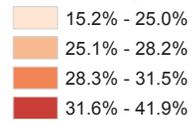
*Percentages are age adjusted.

Breast cancer screening results restricted to women aged 40 and older. Cervical cancer screening results restricted to women.

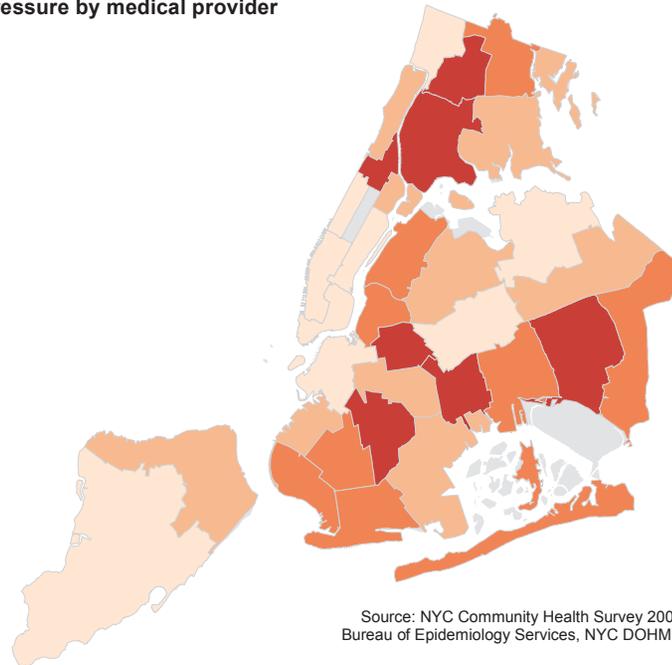


Source: NYC Community Health Survey 2009
Bureau of Epidemiology Services, NYC DOHMH

Ever told high blood pressure by medical provider

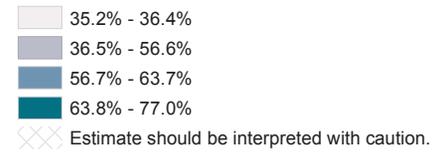


*Percentages are age adjusted.



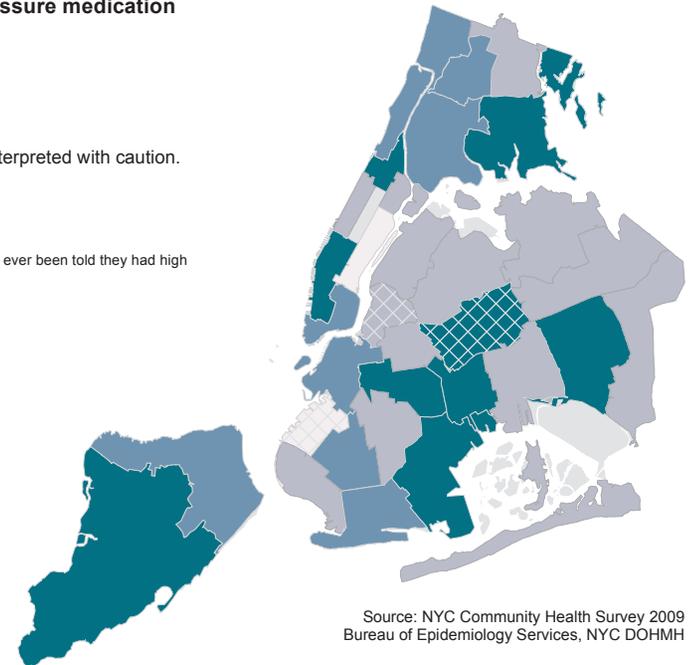
Source: NYC Community Health Survey 2009
Bureau of Epidemiology Services, NYC DOHMH

Currently on blood pressure medication



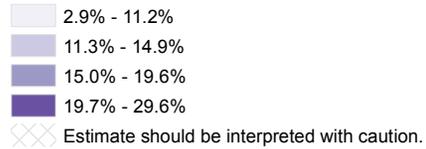
*Percentages are age adjusted.

Results restricted to adults who had ever been told they had high blood pressure.

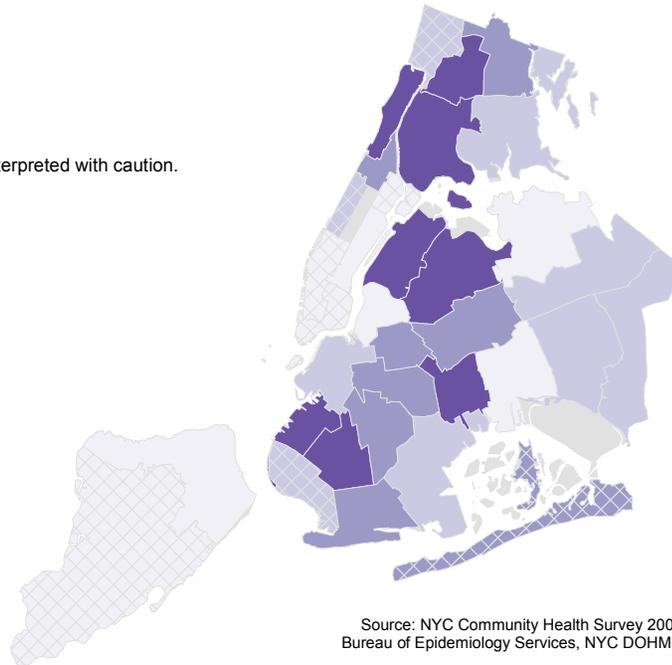


Source: NYC Community Health Survey 2009
Bureau of Epidemiology Services, NYC DOHMH

Uninsured

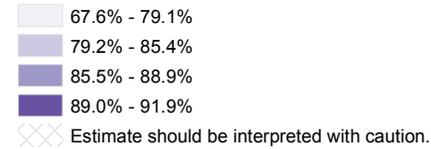


*Percentages are age adjusted.

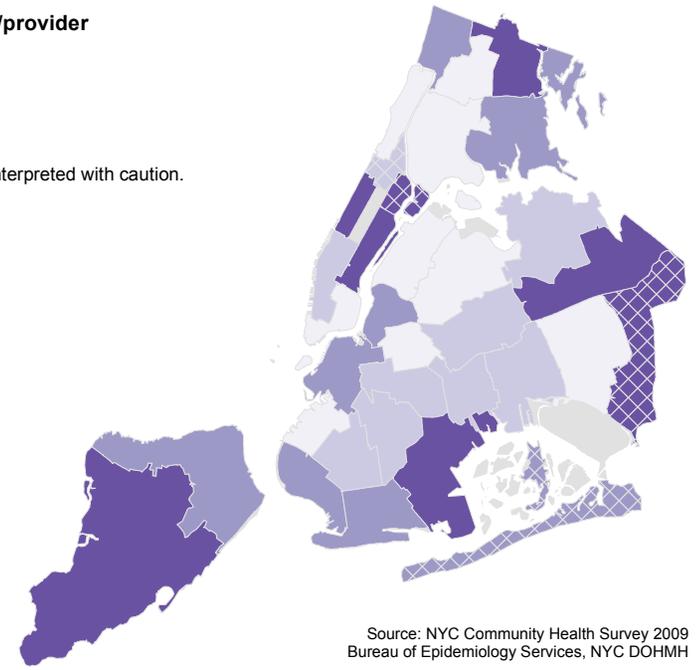


Source: NYC Community Health Survey 2009
Bureau of Epidemiology Services, NYC DOHMH

Has a personal doctor/provider

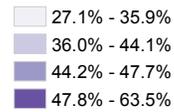


*Percentages are age adjusted.



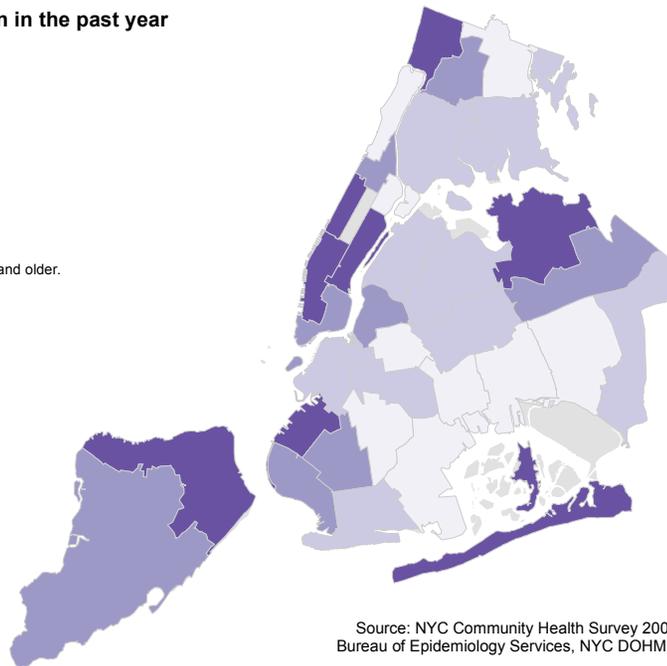
Source: NYC Community Health Survey 2009
Bureau of Epidemiology Services, NYC DOHMH

Seasonal flu vaccination in the past year



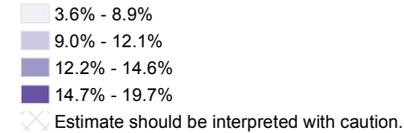
*Percentages are age adjusted.

Results restricted to adults aged 50 and older.



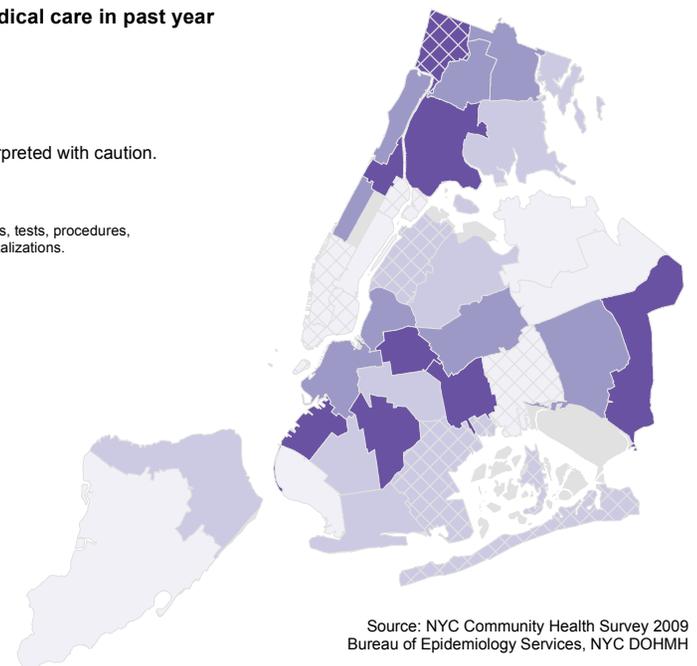
Source: NYC Community Health Survey 2009
Bureau of Epidemiology Services, NYC DOHMH

Did not get needed medical care in past year



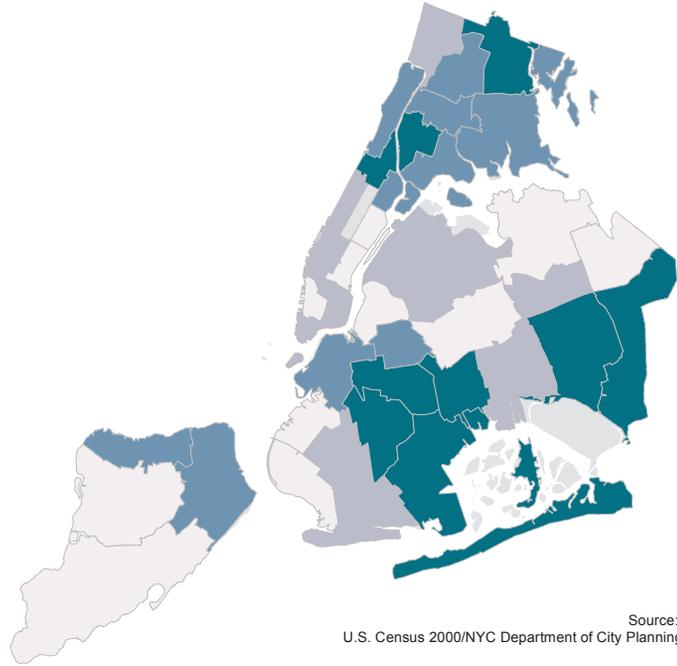
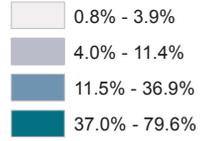
*Percentages are age adjusted.

Medical care includes doctor's visits, tests, procedures, prescription medication, and hospitalizations.



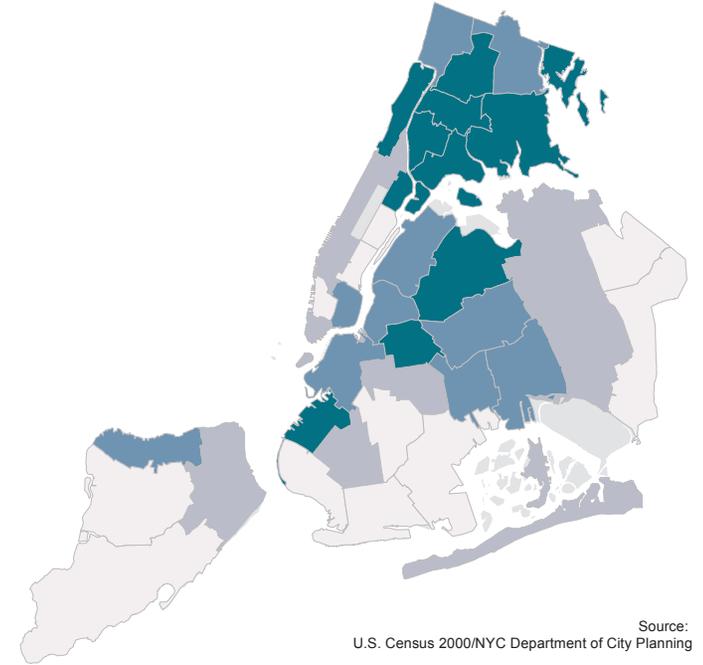
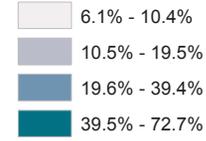
Source: NYC Community Health Survey 2009
Bureau of Epidemiology Services, NYC DOHMH

Non-Hispanic black



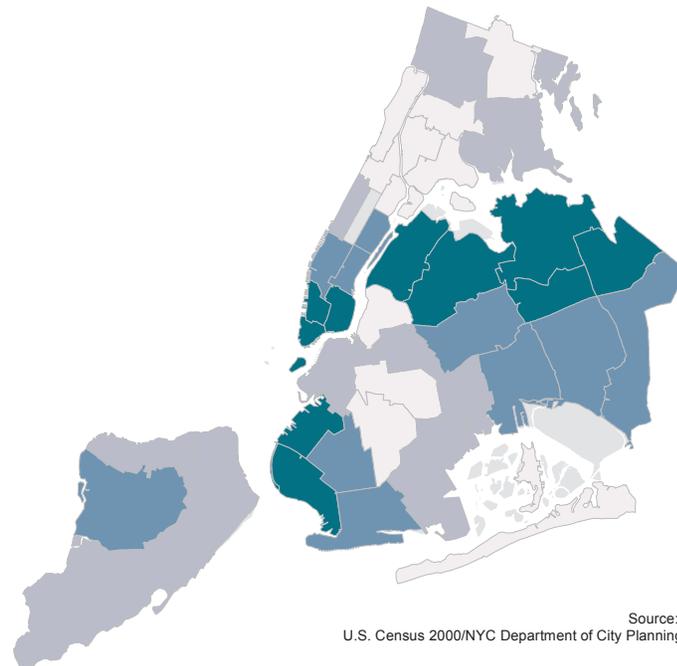
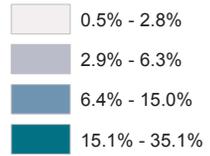
Source:
U.S. Census 2000/NYC Department of City Planning

Hispanic



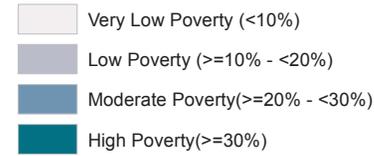
Source:
U.S. Census 2000/NYC Department of City Planning

Non-Hispanic Asian

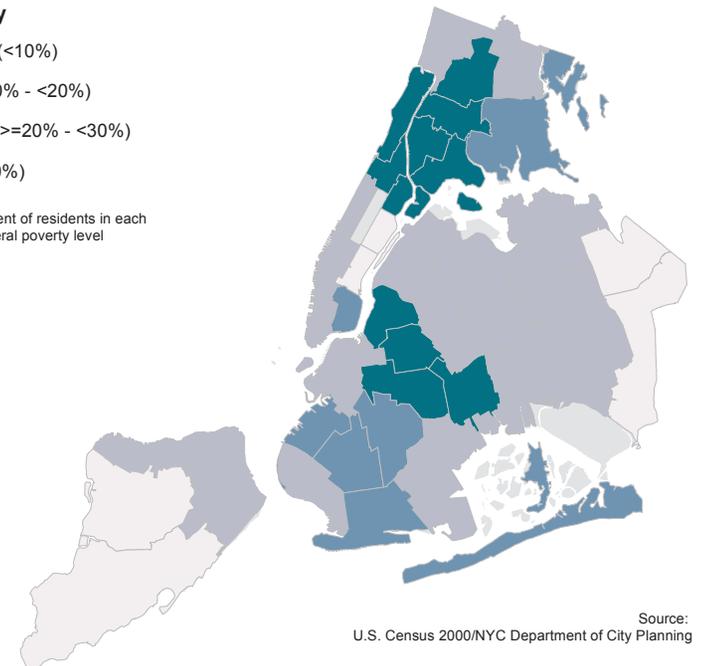


Source:
U.S. Census 2000/NYC Department of City Planning

Neighborhood Poverty



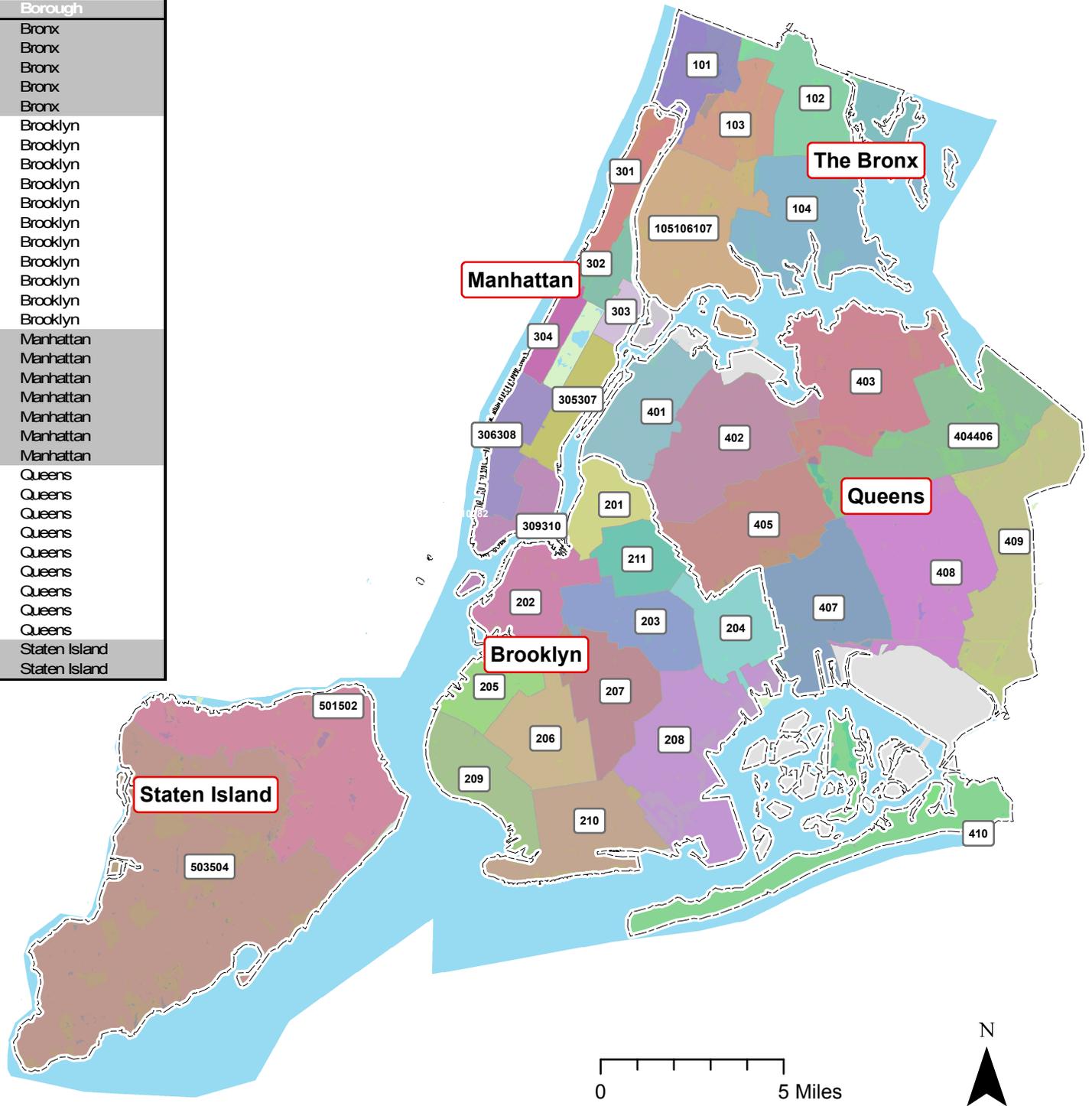
Poverty is categorized by the percent of residents in each neighborhood living below the federal poverty level



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

United Hospital Fund (UHF 34) Neighborhood Index

UHF Code	UHF 34 Neighborhood Name	Borough
101	Kingsbridge - Riverdale	Bronx
102	Northeast Bronx	Bronx
103	Fordham - Bronx Park	Bronx
104	Pelham - Throgs Neck	Bronx
105/106/107	South Bronx	Bronx
201	Greenpoint	Brooklyn
202	Downtown - Heights - Slope	Brooklyn
203	Bedford Stuyvesant - Crown Heights	Brooklyn
204	East New York	Brooklyn
205	Sunset Park	Brooklyn
206	Borough Park	Brooklyn
207	East Flatbush - Flatbush	Brooklyn
208	Canarsie - Flatlands	Brooklyn
209	Bensonhurst - Bay Ridge	Brooklyn
210	Coney Island - Sheepshead Bay	Brooklyn
211	Williamsburg - Bushwick	Brooklyn
301	Washington Heights - Inwood	Manhattan
302	Central Harlem - Morningside Heights	Manhattan
303	East Harlem	Manhattan
304	Upper West Side	Manhattan
305/307	Upper East Side - Gramercy	Manhattan
306/308	Chelsea - Village	Manhattan
309/310	Union Square, Lower Manhattan	Manhattan
401	Long Island City - Astoria	Queens
402	West Queens	Queens
403	Flushing - Clearview	Queens
404/406	Bayside - Meadows	Queens
405	Ridgewood - Forest Hills	Queens
407	Southwest Queens	Queens
408	Jamaica	Queens
409	Southeast Queens	Queens
410	Rockaway	Queens
501/502	Northern SI	Staten Island
503/504	Southern SI	Staten Island



United Hospital Fund (UHF 34) ZIP Code Area Index

UHF Code	UHF Neighborhood Name (34)	ZIP Code	Borough
101	Kingsbridge and Riverdale	10463, 10471	Bronx
102	The Northeast Bronx	10466, 10469, 10470, 10475	Bronx
103	Fordham/Bronx Park	10458, 10467, 10468	Bronx
104	Pelham/Throgs Neck	10461, 10462, 10464, 10465, 10472, 10473	Bronx
105/106/107	The South Bronx	10451, 10452, 10453, 10454, 10455, 10456, 10457, 10459, 10460, 10474	Bronx
201	Greenpoint	11211, 11222	Brooklyn
202	Downtown Brooklyn/Heights/Slope	11201, 11205, 11215, 11217, 11231	Brooklyn
203	Bedford Stuyvesant/Crown Heights	11212, 11213, 11216, 11233, 11238	Brooklyn
204	East New York/New Lots	11207, 11208	Brooklyn
205	Sunset Park	11220, 11232	Brooklyn
206	Borough Park	11204, 11218, 11219, 11230	Brooklyn
207	Flatbush	11203, 11210, 11225, 11226	Brooklyn
208	Canarsie and Flatlands	11234, 11236, 11239	Brooklyn
209	Bay Ridge/Bensonhurst	11209, 11214, 11228	Brooklyn
210	Coney Island	11223, 11224, 11229, 11235	Brooklyn
211	Williamsburg/Bushwick	11206, 11221, 11237	Brooklyn
301	Washington Heights/Inwood	10031, 10032, 10033, 10034, 10040	Manhattan
302	Central Harlem	10026, 10027, 10030, 10037, 10039	Manhattan
303	East Harlem	10029, 10035	Manhattan
304	Upper West Side	10023, 10024, 10025, 10069	Manhattan
305/307	Upper East Side/Gramercy	10010, 10016, 10017, 10021, 10022, 10028, 10044, 10065, 10075, 10128, 10162, 10165, 10170, 10171	Manhattan
306/308	Chelsea/Greenwich Village	10001, 10011, 10012, 10013, 10014, 10018, 10019, 10020, 10036	Manhattan
309/310	Union Square/Lower Manhattan	10002, 10003, 10004, 10005, 10006, 10007, 10009, 10038, 10048, 10280, 10282	Manhattan
401	Long Island City/Astoria	11101, 11102, 11103, 11104, 11105, 11106, 11109	Queens
402	West Queens	11368, 11369, 11370, 11372, 11373, 11377, 11378	Queens
403	Flushing/Clearview	11354, 11355, 11356, 11357, 11358, 11359, 11360	Queens
404/406	Bayside/Little Neck/Fresh Meadows	11361, 11362, 11363, 11364, 11365, 11366, 11367	Queens
405	Ridgewood/Forest Hills	11374, 11375, 11379, 11385	Queens
407	Southwest Queens	11414, 11415, 11416, 11417, 11418, 11419, 11420, 11421	Queens
408	Jamaica	11412, 11423, 11430, 11432, 11433, 11434, 11435, 11436	Queens
409	Southeast Queens	11001, 11004, 11005, 11040, 11411, 11413, 11422, 11426, 11427, 11428, 11429	Queens
410	The Rockaways	11691, 11692, 11693, 11694, 11697	Queens
501/502	Northern Staten Island	10301, 10302, 10303, 10304, 10305, 10310	Staten Island
503/504	Southern Staten Island	10306, 10307, 10308, 10309, 10312, 10314	Staten Island