



**NEW YORK CITY**  
**COMMUNITY HEALTH SURVEY ATLAS**

**2008**

**NYC**<sup>™</sup>  
**Health**

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# Introduction

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.

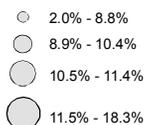
CHS 2008 used a stratified random sample in order to produce citywide and neighborhood-specific estimates. Cross-sectional samples were identified in each borough, and strata were then defined using the United Hospital Fund's (UHF) neighborhood designation. There are a total of 42 UHF neighborhoods in NYC, each defined by several adjoining zip codes. To increase statistical power, several neighborhoods were combined, resulting in a total of 34 neighborhoods. Approximately 250 interviews were conducted in each of the 34 strata, with a total sample size of 7,554, a response rate of 33.3% and a cooperation rate of 80.7% (AAPOR method #3).

For more information and survey questionnaires, visit [nyc.gov/html/doh/html/survey](http://nyc.gov/html/doh/html/survey)

For other Health Department data resources and publications, visit [nyc.gov/health/mycommunityhealth](http://nyc.gov/health/mycommunityhealth)

**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. For example, in the map below, neighborhoods with darker color have a higher percentage of adults who are obese, and those with larger circles have a higher percentage of adults with diabetes. 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.

## Diabetes ever



## Obesity

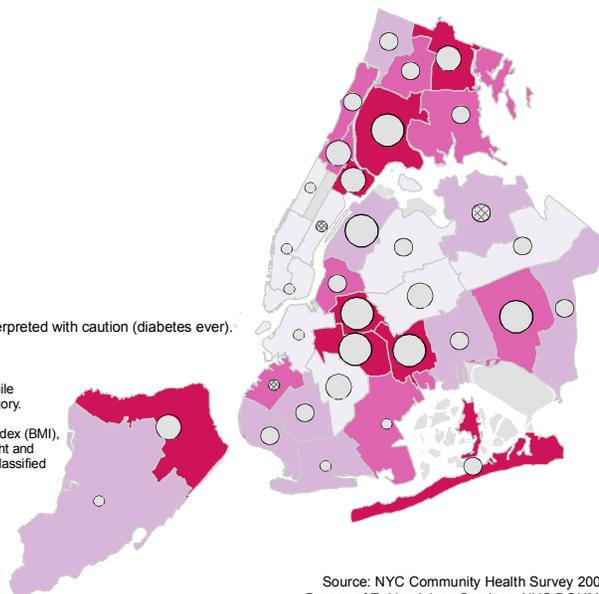


⊗ Estimate should be interpreted with caution (diabetes ever).

\*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 2008  
Bureau of Epidemiology Services, NYC DOHMH

## References

1. New York City Department of Health and Mental Hygiene. Epiquery: NYC Interactive Health Data System - Community Health Survey 2008. January 1st, 2010. [nyc.gov/health/epiquery](http://nyc.gov/health/epiquery)
2. New York City Department of Health and Mental Hygiene. My Community's Health: ESRI Shapefiles - CHS\_2008\_DOHMH\_2009. January 1st, 2010. [nyc.gov/health/mycommunityhealth](http://nyc.gov/health/mycommunityhealth)
3. Brewer, Cynthia A., 2005. <http://www.ColorBrewer.org>, accessed October 31st, 2008.

## Suggested Citation

Corson C, Jasek J, Olson C, Greene C. The New York City Community Health Survey Atlas, 2008. The New York City Department of Health and Mental Hygiene, 2010.

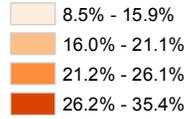
## Acknowledgements

Catherine Corey  
Donna Eisenhower

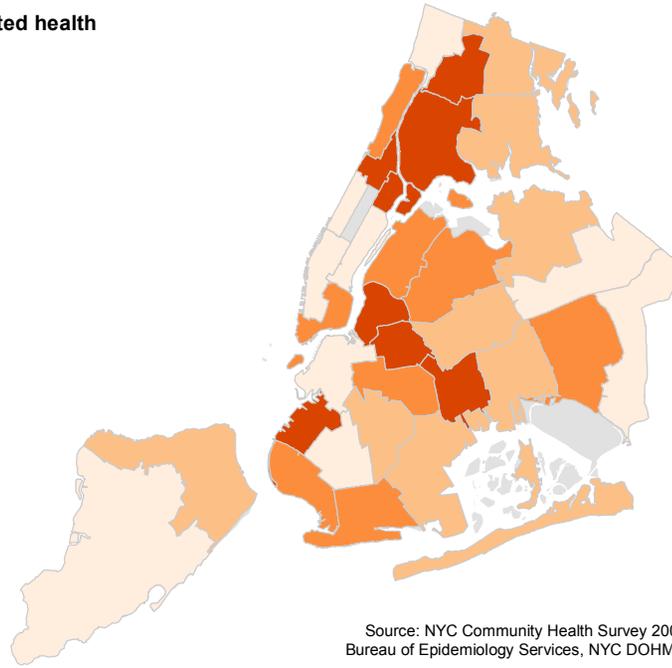
Jennifer Norton  
Bonnie Kerker

# General Physical and Mental Health

## Fair or poor self-reported health

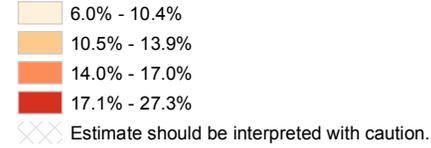


\*Percentages are age adjusted.

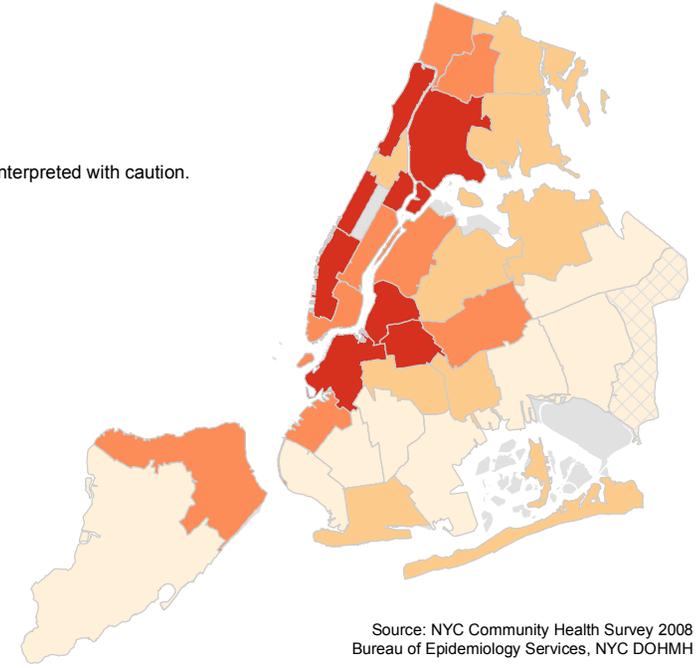


Source: NYC Community Health Survey 2008  
Bureau of Epidemiology Services, NYC DOHMH

## History of depression

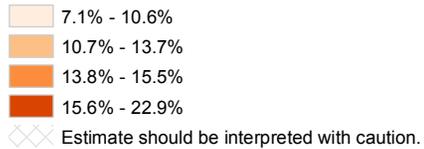


\*Percentages are age adjusted.

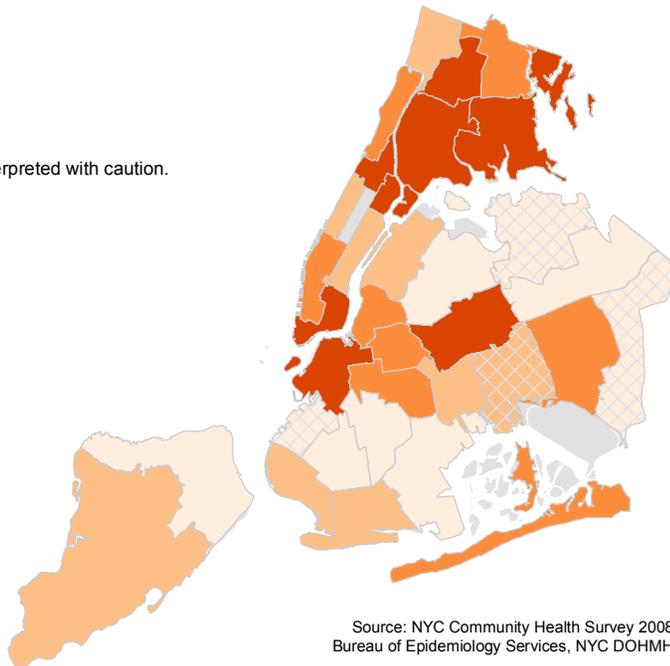


Source: NYC Community Health Survey 2008  
Bureau of Epidemiology Services, NYC DOHMH

## Asthma ever

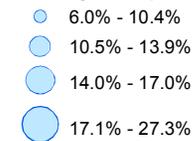


\*Percentages are age adjusted.

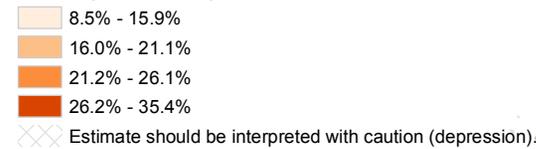


Source: NYC Community Health Survey 2008  
Bureau of Epidemiology Services, NYC DOHMH

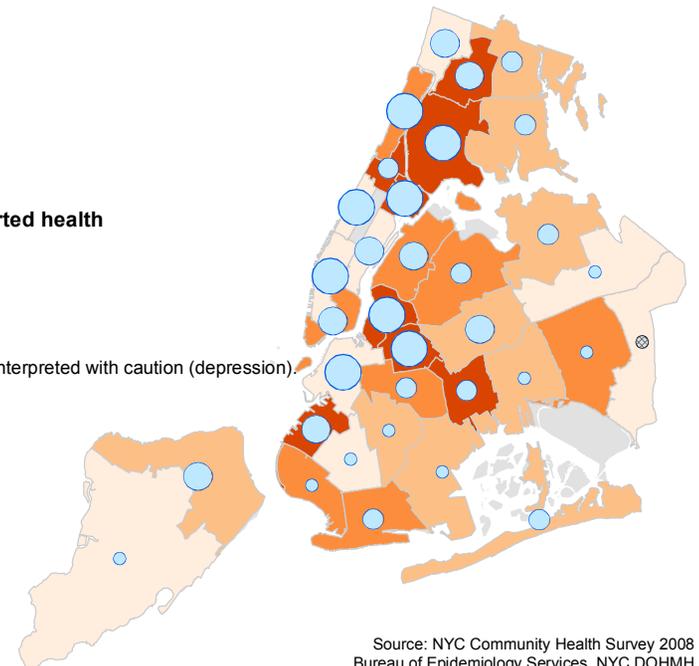
## History of depression



## Fair or poor self-reported health



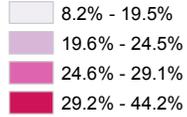
\*Percentages are age adjusted.



Source: NYC Community Health Survey 2008  
Bureau of Epidemiology Services, NYC DOHMH

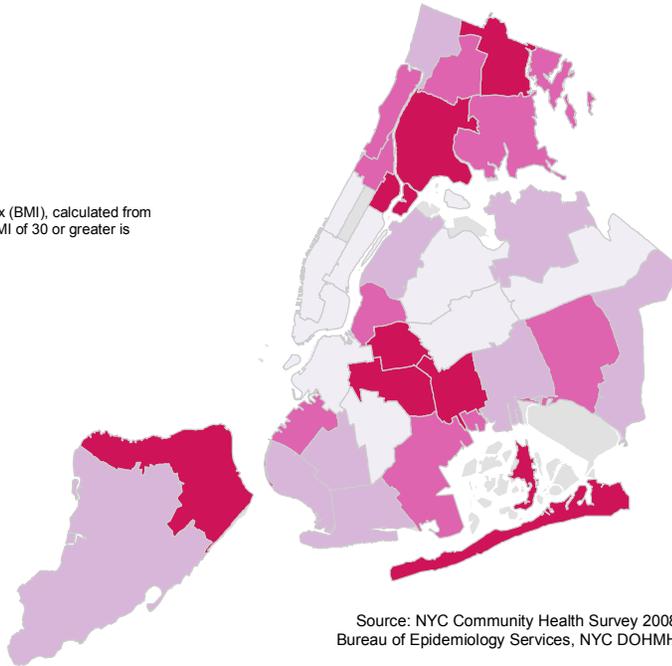
# Weight, Exercise, Nutrition & Diabetes

## Obesity

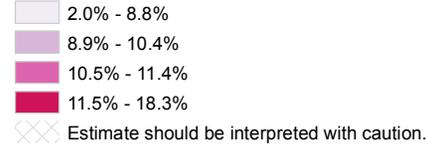


\*Percentages are age adjusted.

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.

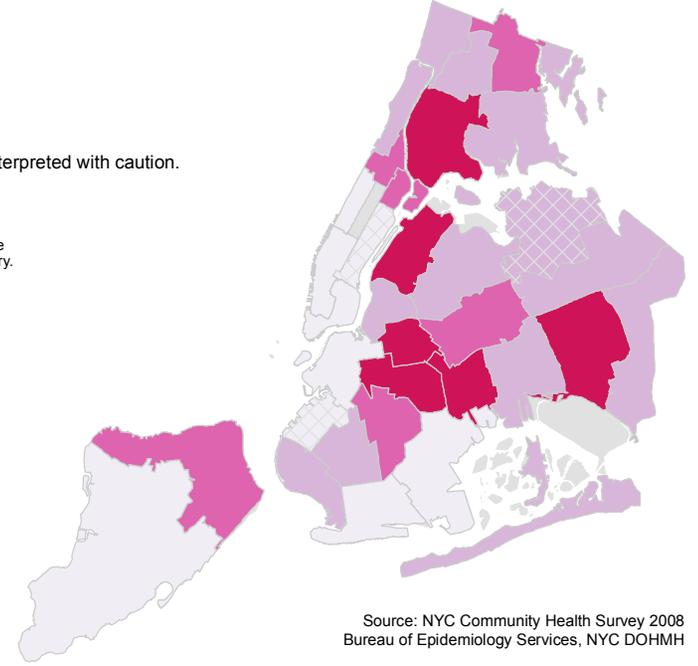


## Diabetes ever

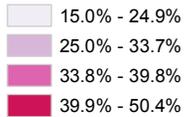


\*Percentages are age adjusted.

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

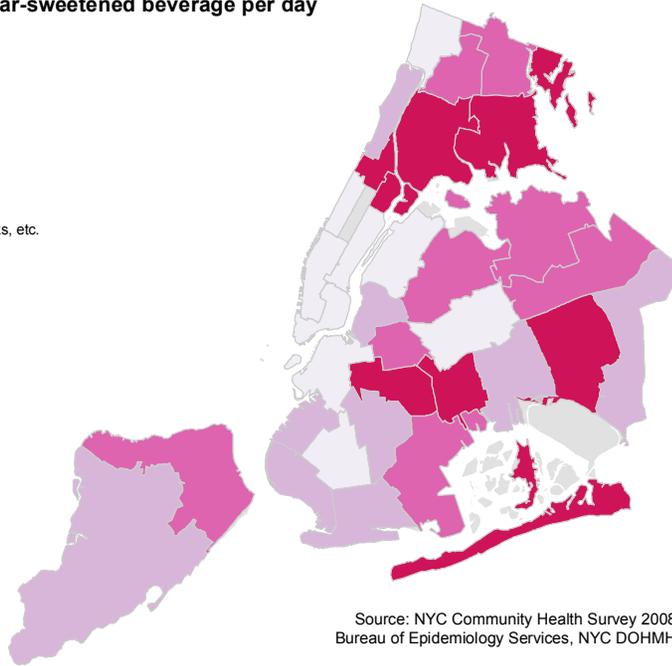


## Drinks one or more sugar-sweetened beverage per day

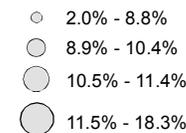


\*Percentages are age adjusted.

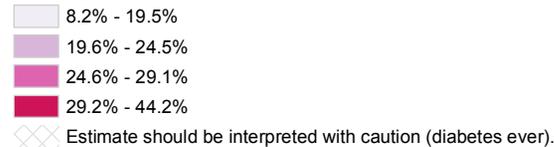
Includes sodas, iced tea, sports drinks, etc.



## Diabetes ever



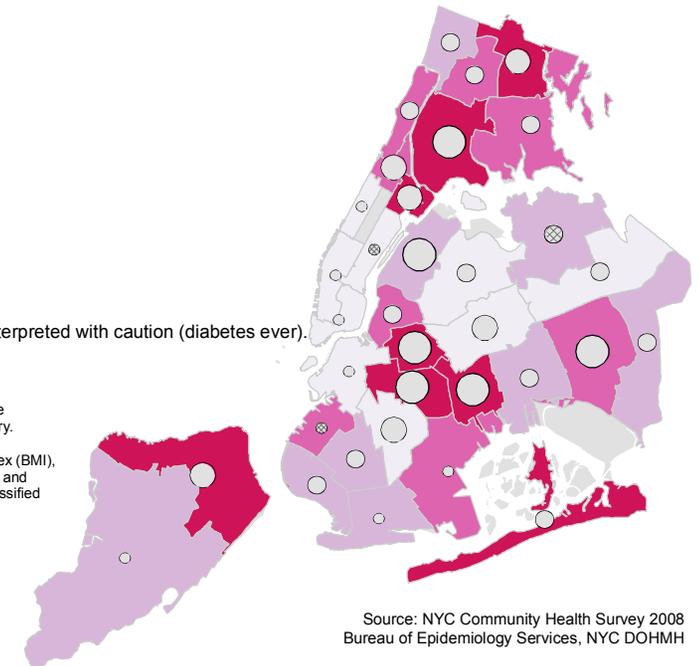
## Obesity



\*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.

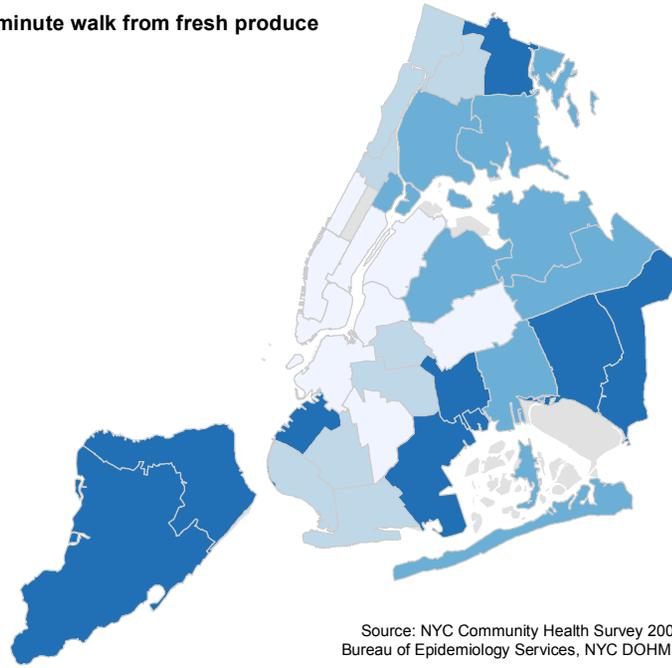


# Weight, Exercise, Nutrition & Diabetes

## Lives more than a ten-minute walk from fresh produce

- 10.3% - 25.9%
- 26.0% - 35.5%
- 35.6% - 43.4%
- 43.5% - 67.2%

\*Percentages are age adjusted.

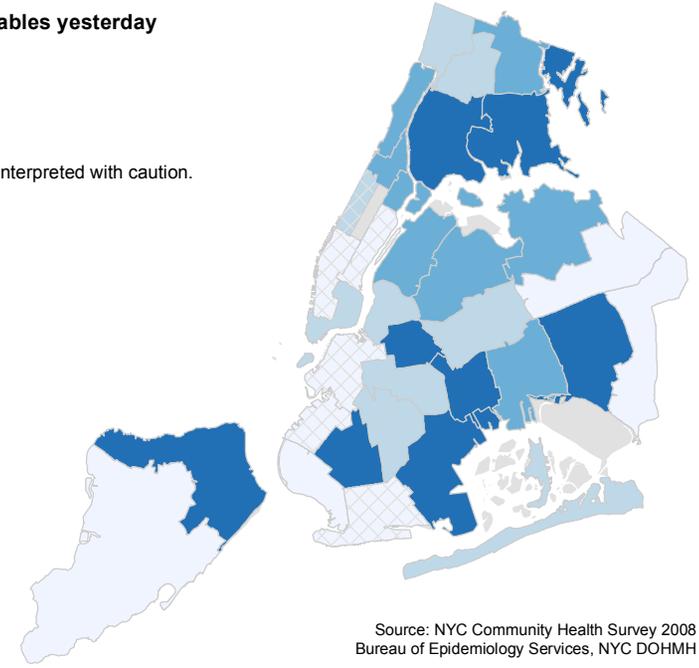


Source: NYC Community Health Survey 2008  
Bureau of Epidemiology Services, NYC DOHMH

## Ate no fruits or vegetables yesterday

- 4.4% - 10.6%
- 10.7% - 13.2%
- 13.3% - 15.7%
- 15.8% - 23.1%
- Estimate should be interpreted with caution.

\*Percentages are age adjusted.



Source: NYC Community Health Survey 2008  
Bureau of Epidemiology Services, NYC DOHMH

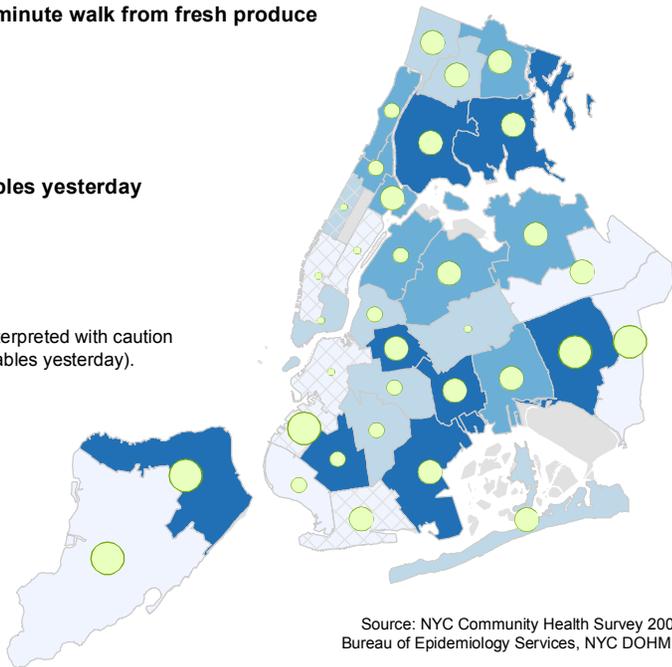
## Lives more than a ten-minute walk from fresh produce

- 10.3% - 22.1%
- 22.2% - 33.5%
- 33.6% - 46.3%
- 46.4% - 67.2%

## Ate no fruits or vegetables yesterday

- 4.4% - 10.6%
- 10.7% - 13.2%
- 13.3% - 15.7%
- 15.8% - 23.1%
- Estimate should be interpreted with caution (ate no fruits or vegetables yesterday).

\*Percentages are age adjusted.



Source: NYC Community Health Survey 2008  
Bureau of Epidemiology Services, NYC DOHMH

## Obesity

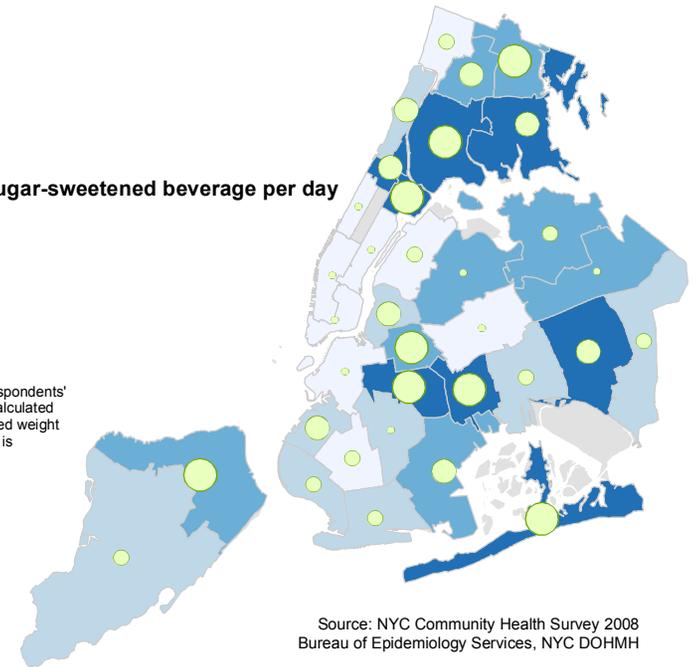
- 8.2% - 19.5%
- 19.6% - 24.5%
- 24.6% - 29.1%
- 29.2% - 44.2%

## Drinks one or more sugar-sweetened beverage per day

- 15.0% - 24.9%
- 25.0% - 33.7%
- 33.8% - 39.8%
- 39.9% - 50.4%

\*Percentages are age adjusted.

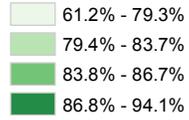
Obesity is determined by using respondents' Body Mass Index (BMI). BMI is calculated based on respondents' self-reported weight and height. A BMI of 30 or greater is classified as obese.



Source: NYC Community Health Survey 2008  
Bureau of Epidemiology Services, NYC DOHMH

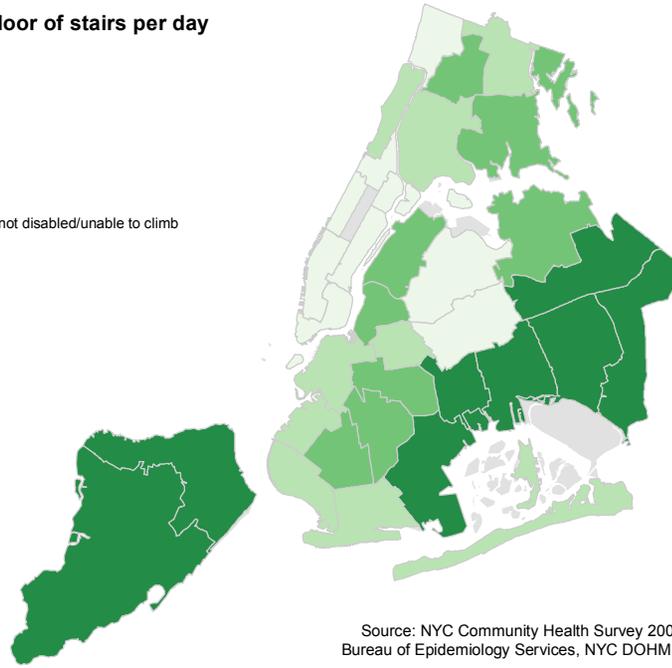
# Weight, Exercise, Nutrition & Diabetes

## Walks up at least one floor of stairs per day



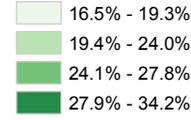
\*Percentages are age adjusted.

Results restricted to adults who are not disabled/unable to climb stairs



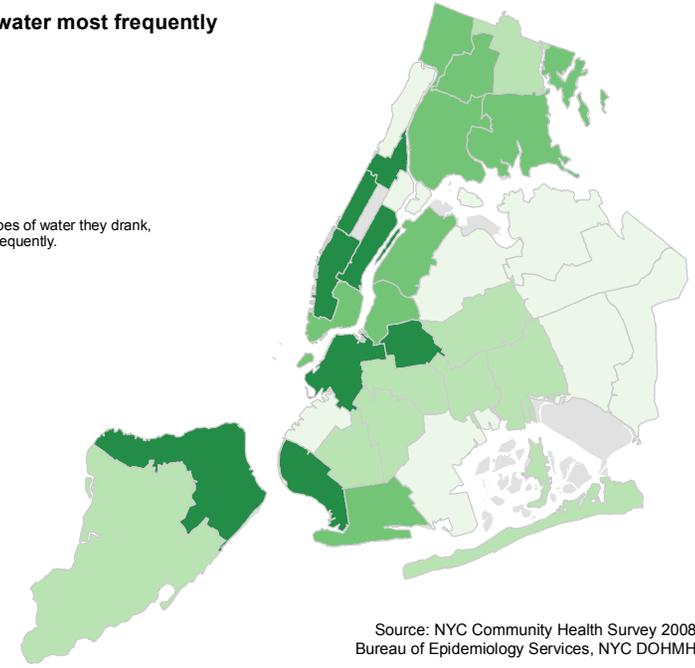
Source: NYC Community Health Survey 2008  
Bureau of Epidemiology Services, NYC DOHMH

## Drinks unfiltered tap water most frequently



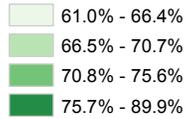
\*Percentages are age adjusted.

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



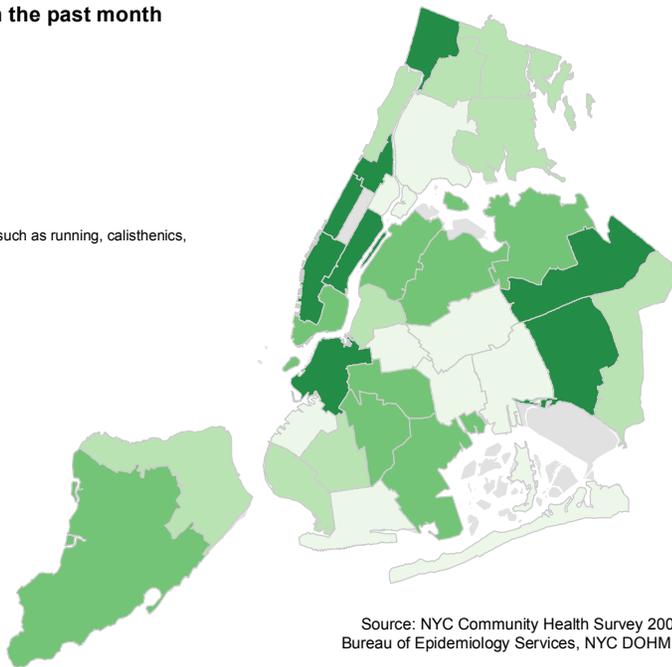
Source: NYC Community Health Survey 2008  
Bureau of Epidemiology Services, NYC DOHMH

## Any physical activity in the past month



\*Percentages are age adjusted.

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

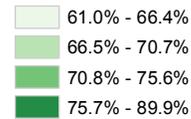


Source: NYC Community Health Survey 2008  
Bureau of Epidemiology Services, NYC DOHMH

## Obesity



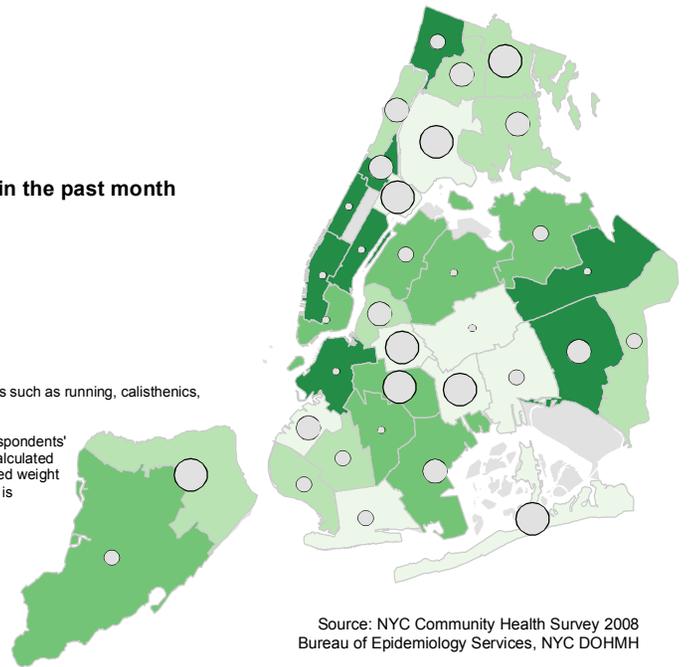
## Any physical activity in the past month



\*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.



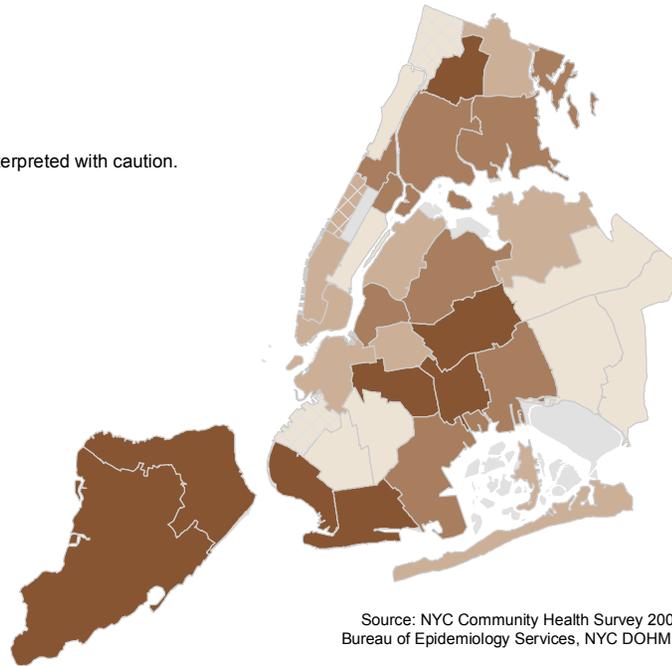
Source: NYC Community Health Survey 2008  
Bureau of Epidemiology Services, NYC DOHMH

# Cigarette Smoking and Alcohol

## Current smoker

- 6.3% - 12.6%
- 12.7% - 16.3%
- 16.4% - 19.0%
- 19.1% - 21.4%
- Estimate should be interpreted with caution.

\*Percentages are age adjusted.



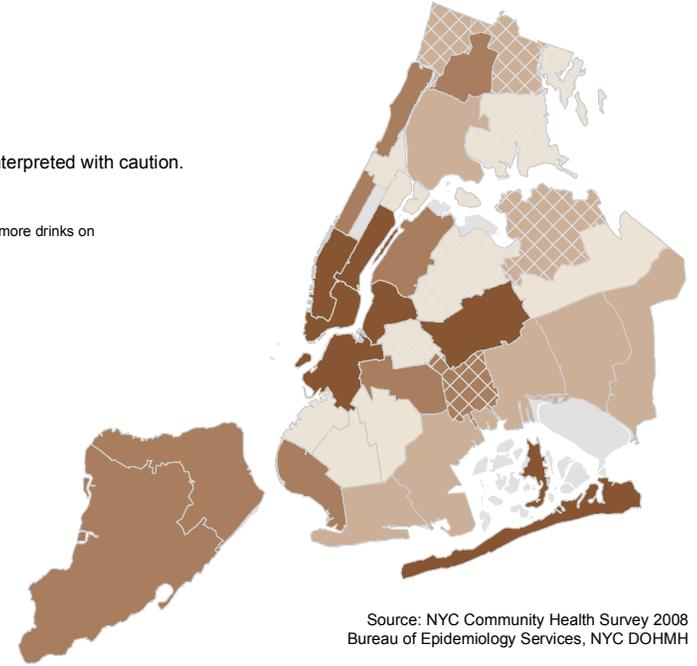
Source: NYC Community Health Survey 2008  
Bureau of Epidemiology Services, NYC DOHMH

## Binge drinking

- 5.8% - 9.6%
- 9.7% - 11.4%
- 11.5% - 15.3%
- 15.4% - 28.0%
- 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 2008  
Bureau of Epidemiology Services, NYC DOHMH

## Binge drinking

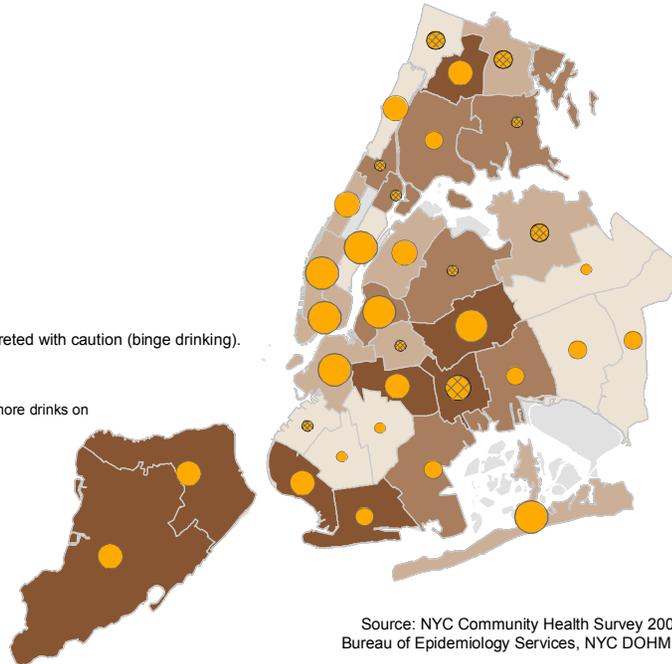
- 5.8% - 9.6%
- 9.7% - 11.4%
- 11.5% - 15.3%
- 15.4% - 28.0%

## Current smoker

- 6.3% - 12.6%
- 12.7% - 16.3%
- 16.4% - 19.0%
- 19.1% - 21.4%
- Estimate should be interpreted with caution (binge drinking).

\*Percentages are age adjusted.

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



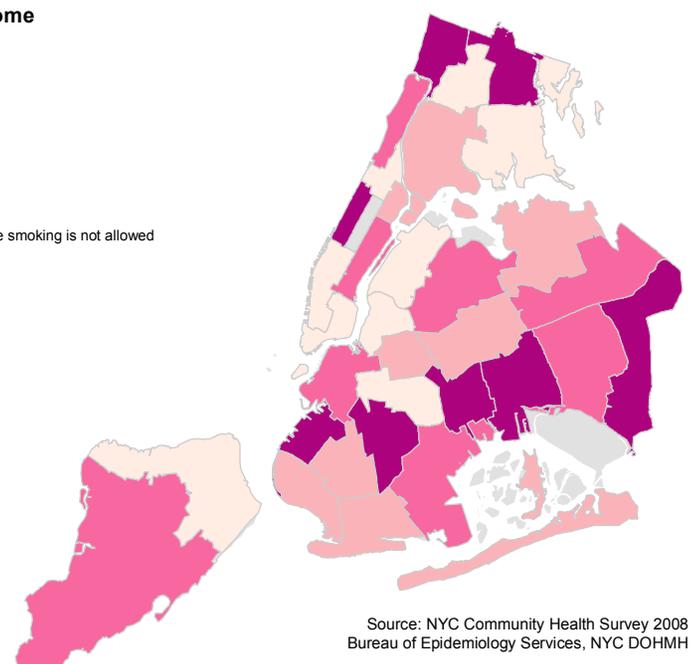
Source: NYC Community Health Survey 2008  
Bureau of Epidemiology Services, NYC DOHMH

## Lives in smoke-free home

- 62.1% - 70.3%
- 70.4% - 74.8%
- 74.9% - 77.6%
- 77.7% - 83.8%

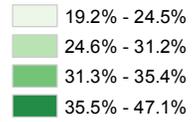
\*Percentages are age adjusted.

Smoke-free homes are those where smoking is not allowed anywhere inside.



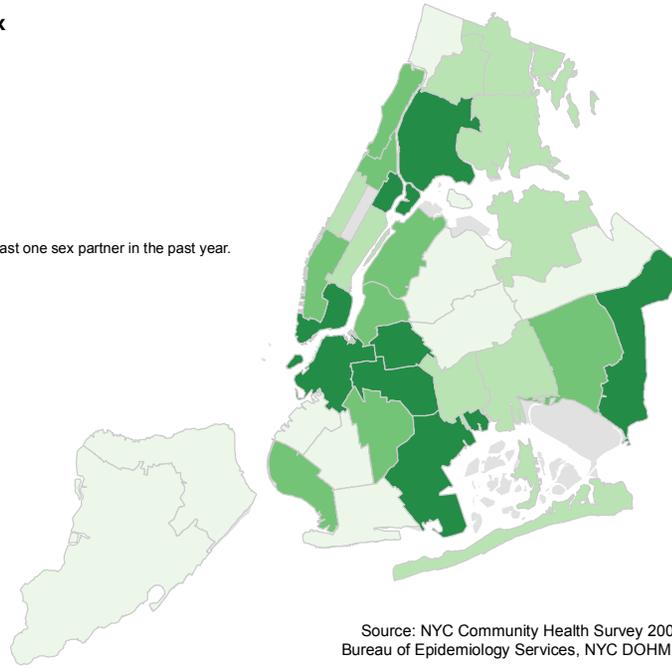
Source: NYC Community Health Survey 2008  
Bureau of Epidemiology Services, NYC DOHMH

### Condom use at last sex



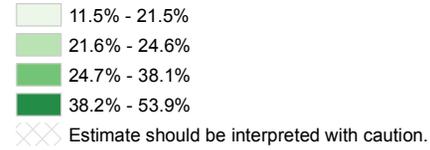
\*Percentages are age adjusted.

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

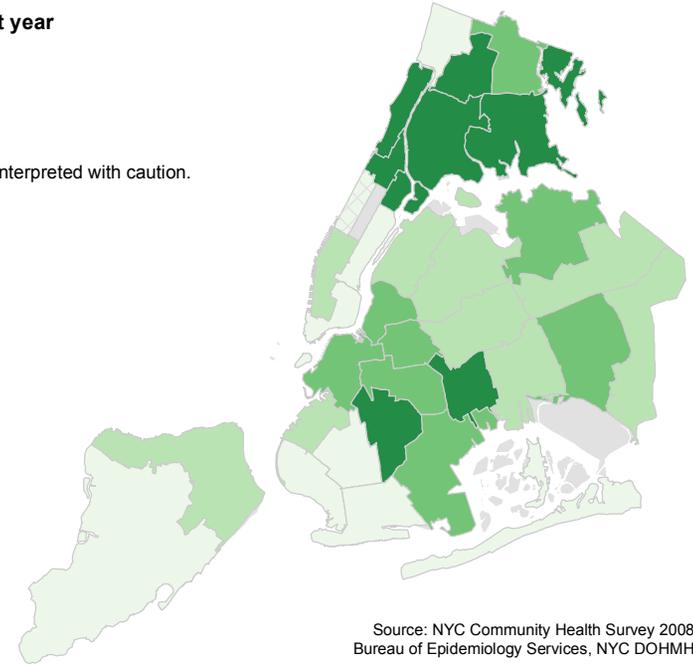


Source: NYC Community Health Survey 2008  
Bureau of Epidemiology Services, NYC DOHMH

### HIV testing in the past year



\*Percentages are age adjusted.



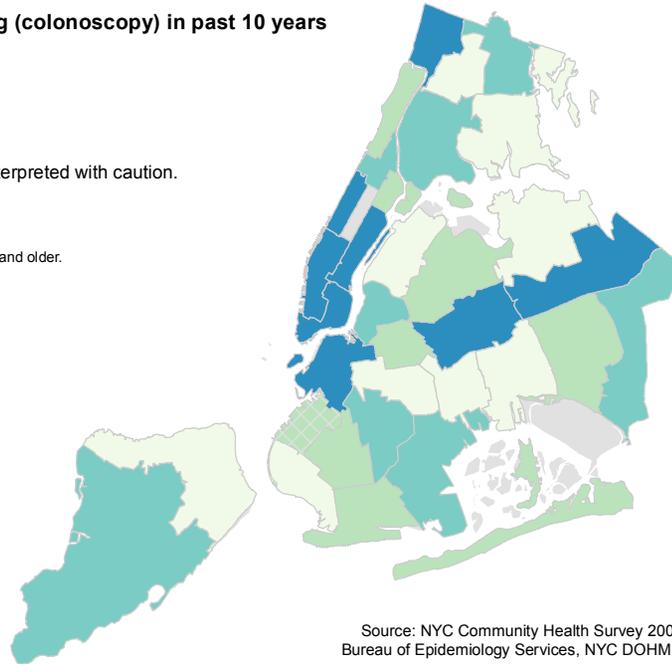
Source: NYC Community Health Survey 2008  
Bureau of Epidemiology Services, NYC DOHMH

## Colon cancer screening (colonoscopy) in past 10 years

- 49.8% - 60.6%
- 60.7% - 63.8%
- 63.9% - 70.7%
- 70.8% - 79.6%
- Estimate should be interpreted with caution.

\*Percentages are age adjusted.

Results restricted to adults aged 50 and older.



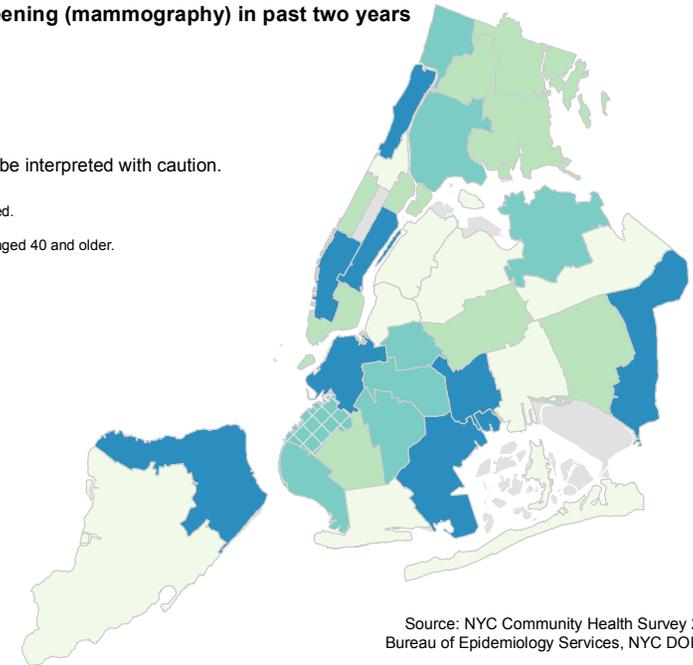
Source: NYC Community Health Survey 2008  
Bureau of Epidemiology Services, NYC DOHMH

## Breast cancer screening (mammography) in past two years

- 66.9% - 74.3%
- 74.4% - 78.2%
- 78.3% - 80.9%
- 81.0% - 87.9%
- Estimate should be interpreted with caution.

\*Percentages are age adjusted.

Results restricted to women aged 40 and older.



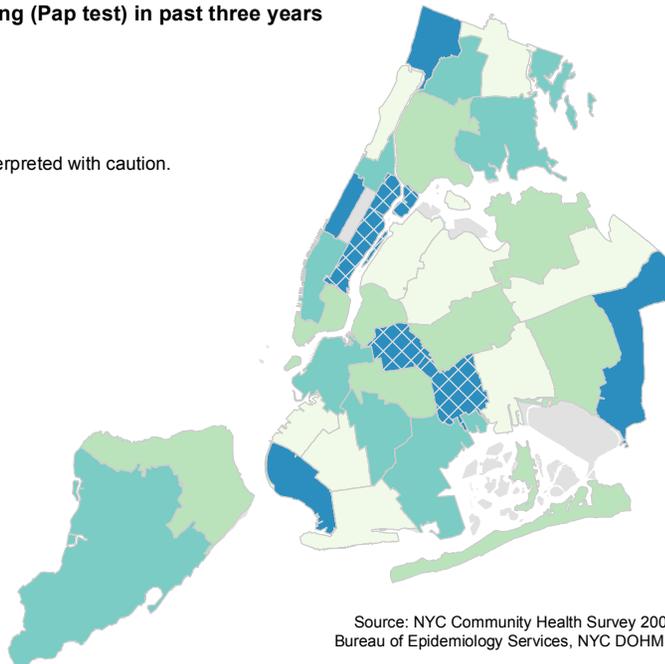
Source: NYC Community Health Survey 2008  
Bureau of Epidemiology Services, NYC DOHMH

## Cervical cancer screening (Pap test) in past three years

- 68.1% - 79.5%
- 79.6% - 83.3%
- 83.4% - 86.3%
- 86.4% - 95.3%
- Estimate should be interpreted with caution.

\*Percentages are age adjusted.

Results restricted to women.



Source: NYC Community Health Survey 2008  
Bureau of Epidemiology Services, NYC DOHMH

## Cervical cancer screening (Pap test) in past three years

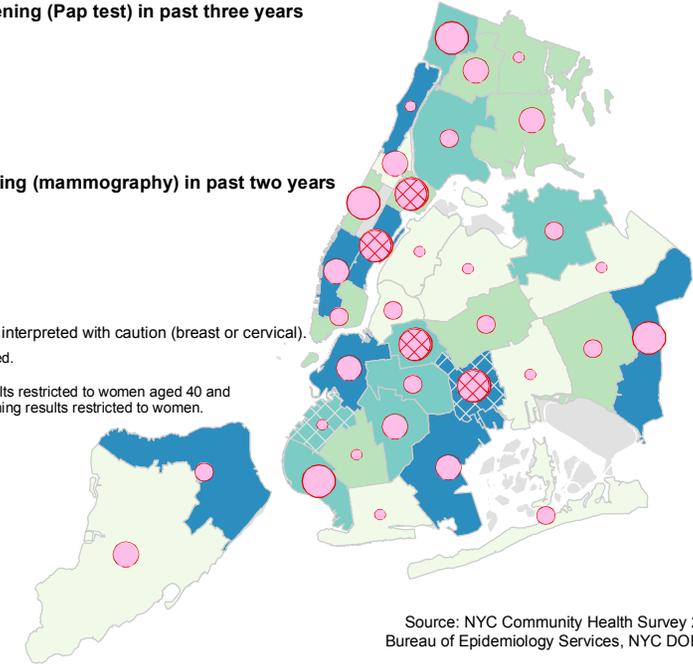
- 68.1% - 79.5%
- 79.6% - 83.3%
- 83.4% - 86.3%
- 86.4% - 95.3%

## Breast cancer screening (mammography) in past two years

- 66.9% - 74.3%
- 74.4% - 78.2%
- 78.3% - 80.9%
- 81.0% - 87.9%
- Estimate should be interpreted with caution (breast or cervical).

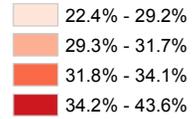
\*Percentages are age adjusted.

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

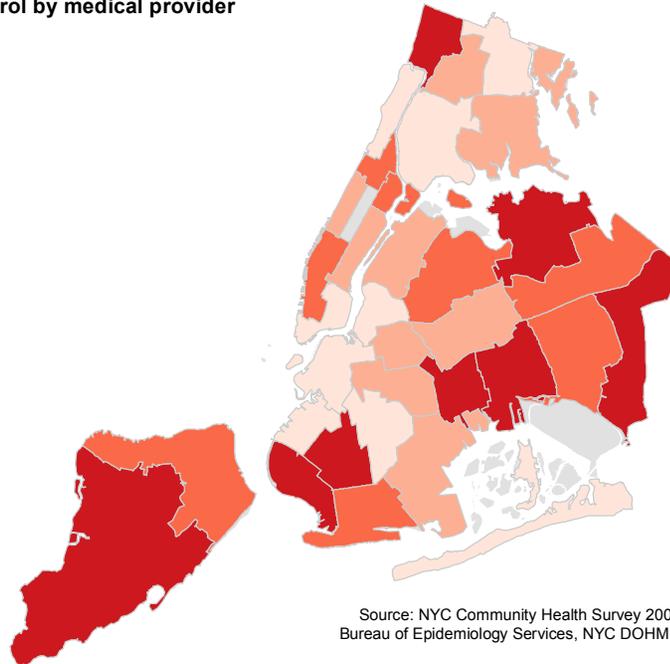


Source: NYC Community Health Survey 2008  
Bureau of Epidemiology Services, NYC DOHMH

## Ever told high cholesterol by medical provider

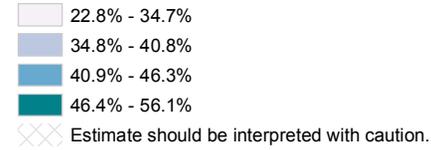


\*Percentages are age adjusted.



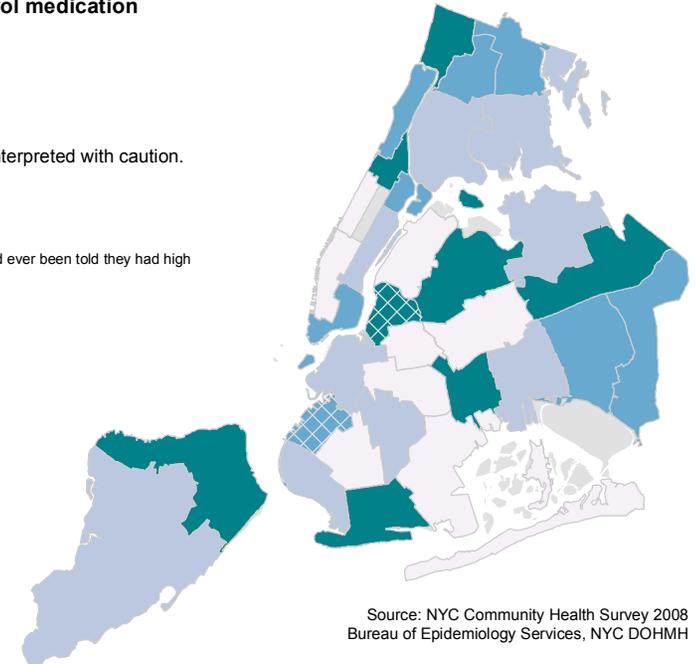
Source: NYC Community Health Survey 2008  
Bureau of Epidemiology Services, NYC DOHMH

## Currently on cholesterol medication



\*Percentages are age adjusted.

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

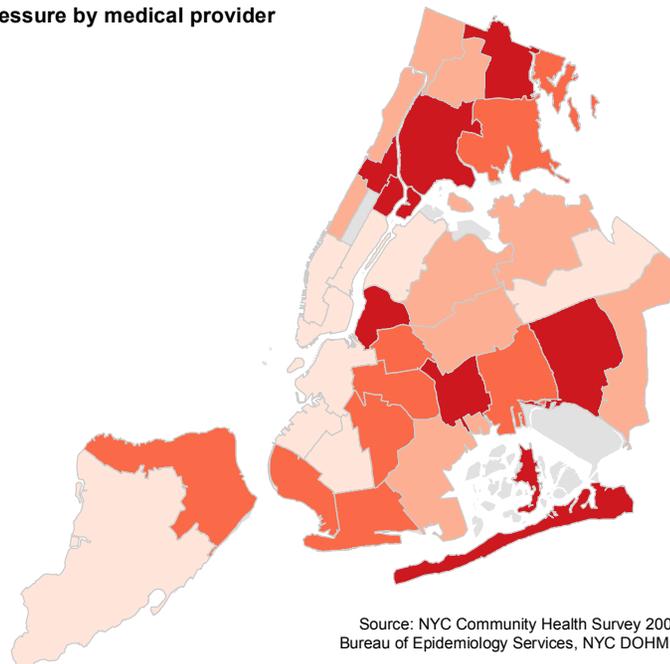


Source: NYC Community Health Survey 2008  
Bureau of Epidemiology Services, NYC DOHMH

## Ever told high blood pressure by medical provider

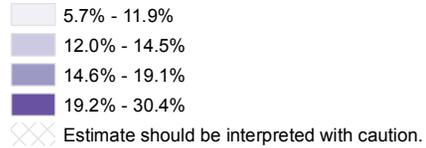


\*Percentages are age adjusted.

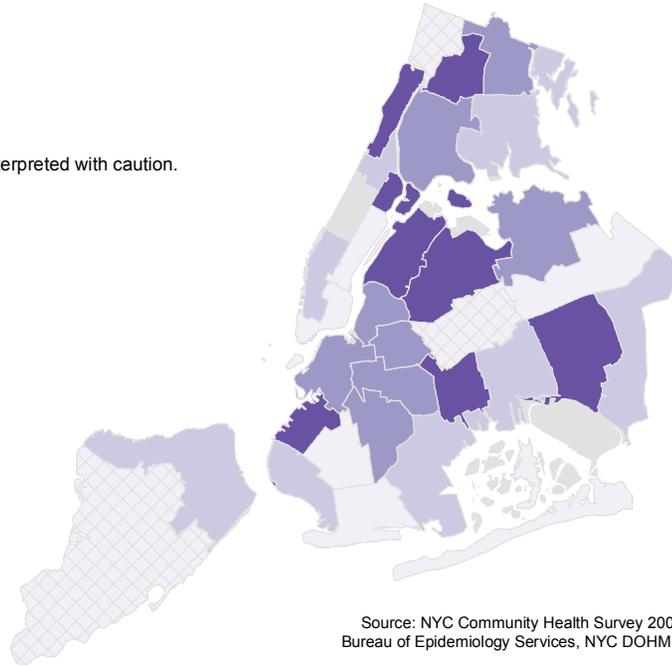


Source: NYC Community Health Survey 2008  
Bureau of Epidemiology Services, NYC DOHMH

## Uninsured

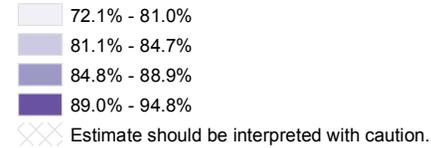


\*Percentages are age adjusted.

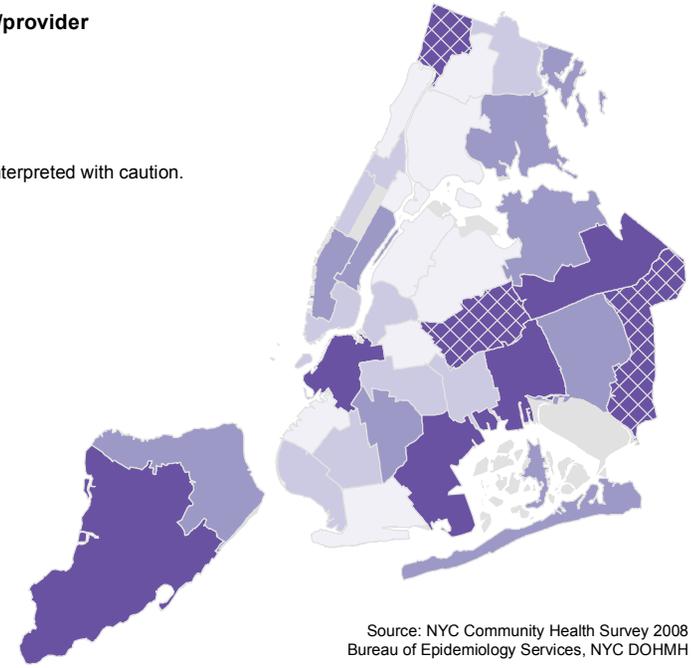


Source: NYC Community Health Survey 2008  
Bureau of Epidemiology Services, NYC DOHMH

## Has a personal doctor/provider

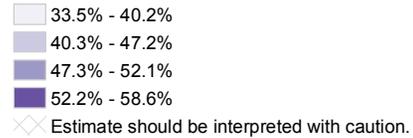


\*Percentages are age adjusted.



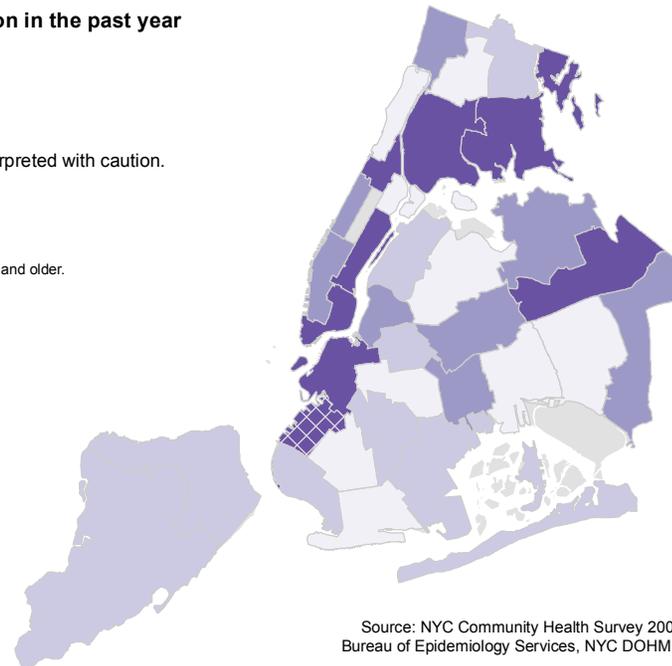
Source: NYC Community Health Survey 2008  
Bureau of Epidemiology Services, NYC DOHMH

## Seasonal flu vaccination in the past year



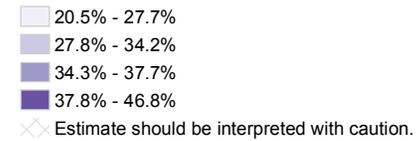
\*Percentages are age adjusted.

Results restricted to adults aged 50 and older.



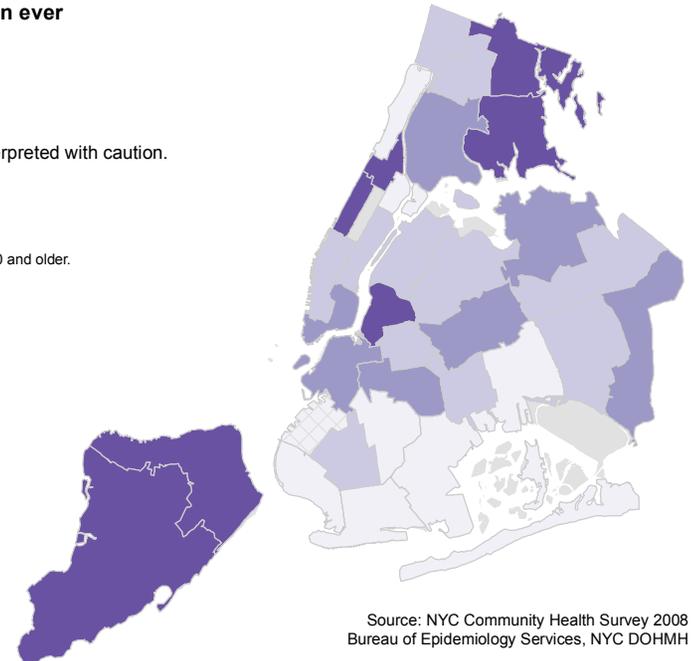
Source: NYC Community Health Survey 2008  
Bureau of Epidemiology Services, NYC DOHMH

## Pneumonia vaccination ever



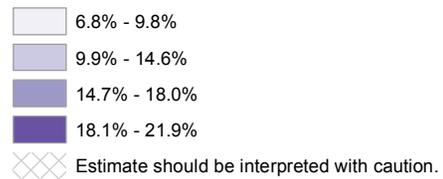
\*Percentages are age adjusted.

Results restricted to adults aged 50 and older.

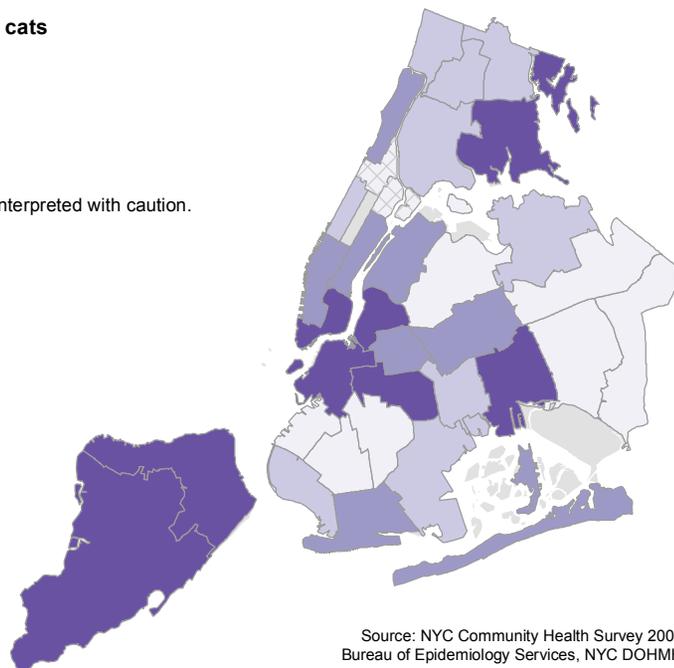


Source: NYC Community Health Survey 2008  
Bureau of Epidemiology Services, NYC DOHMH

**Lives with one or more cats**

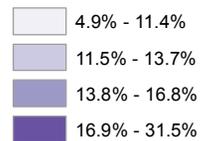


\*Percentages are age adjusted.

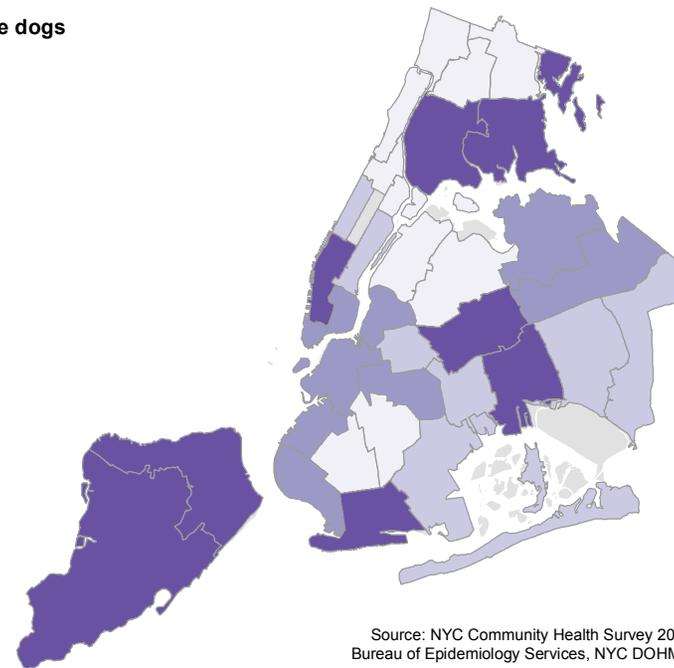


Source: NYC Community Health Survey 2008  
Bureau of Epidemiology Services, NYC DOHMH

**Lives with one or more dogs**

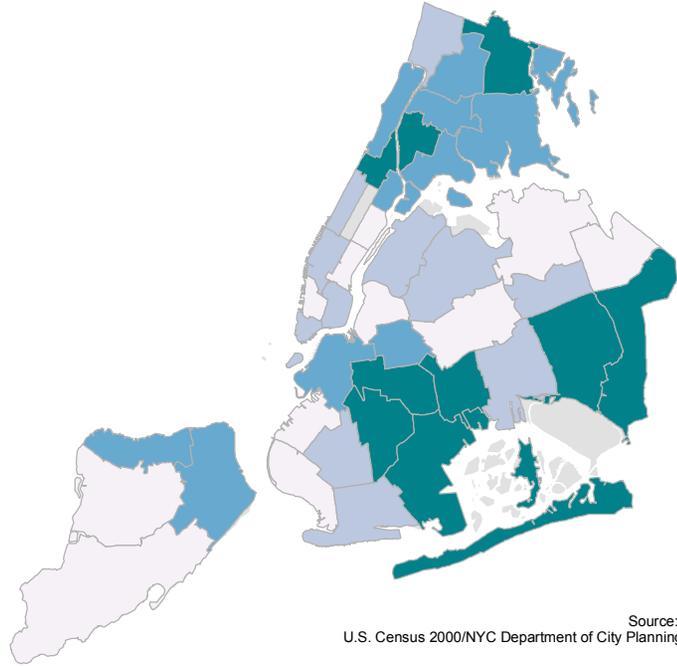
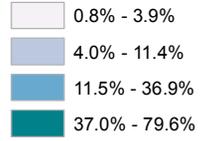


\*Percentages are age adjusted.

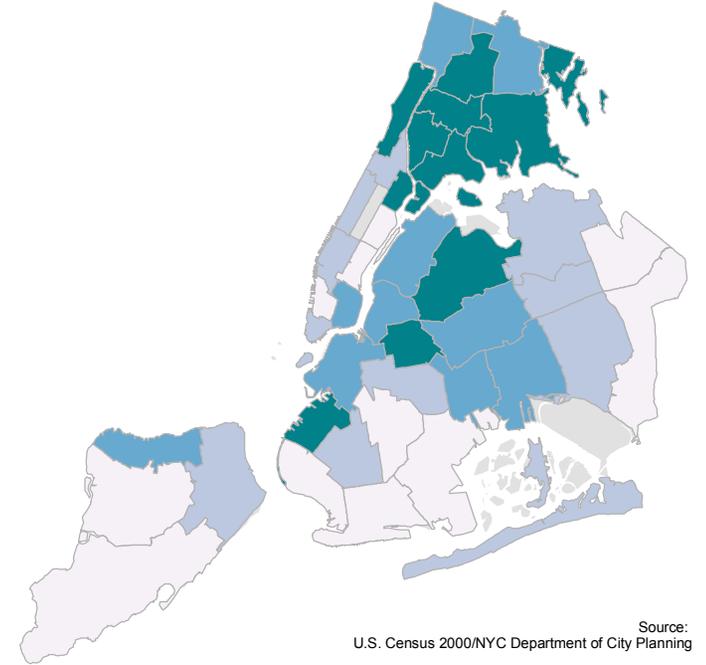
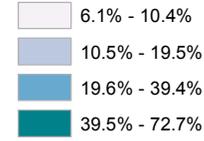


Source: NYC Community Health Survey 2008  
Bureau of Epidemiology Services, NYC DOHMH

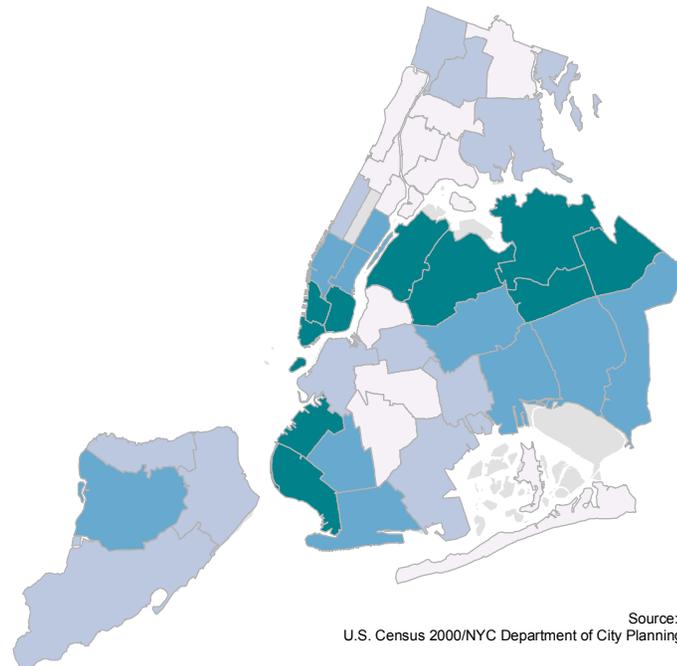
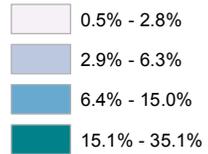
## Non-Hispanic black



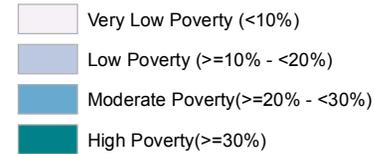
## Hispanic



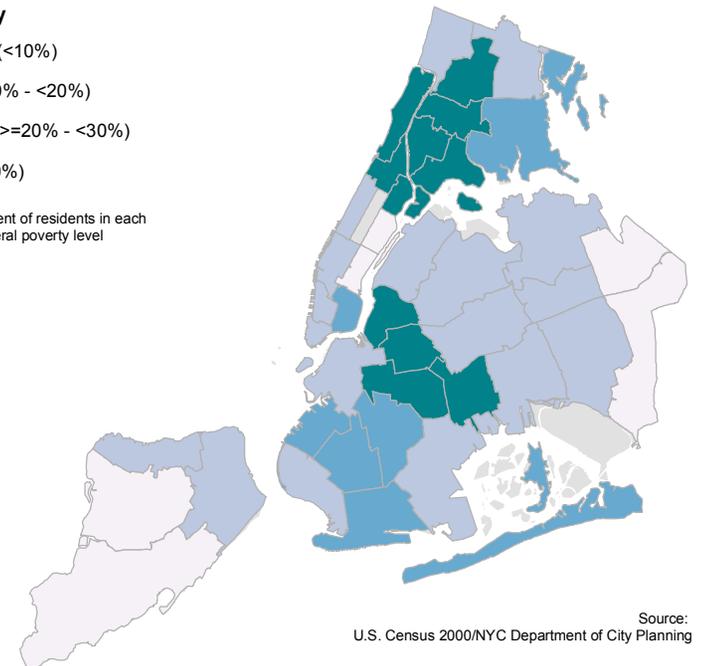
## Non-Hispanic Asian



## Neighborhood Poverty

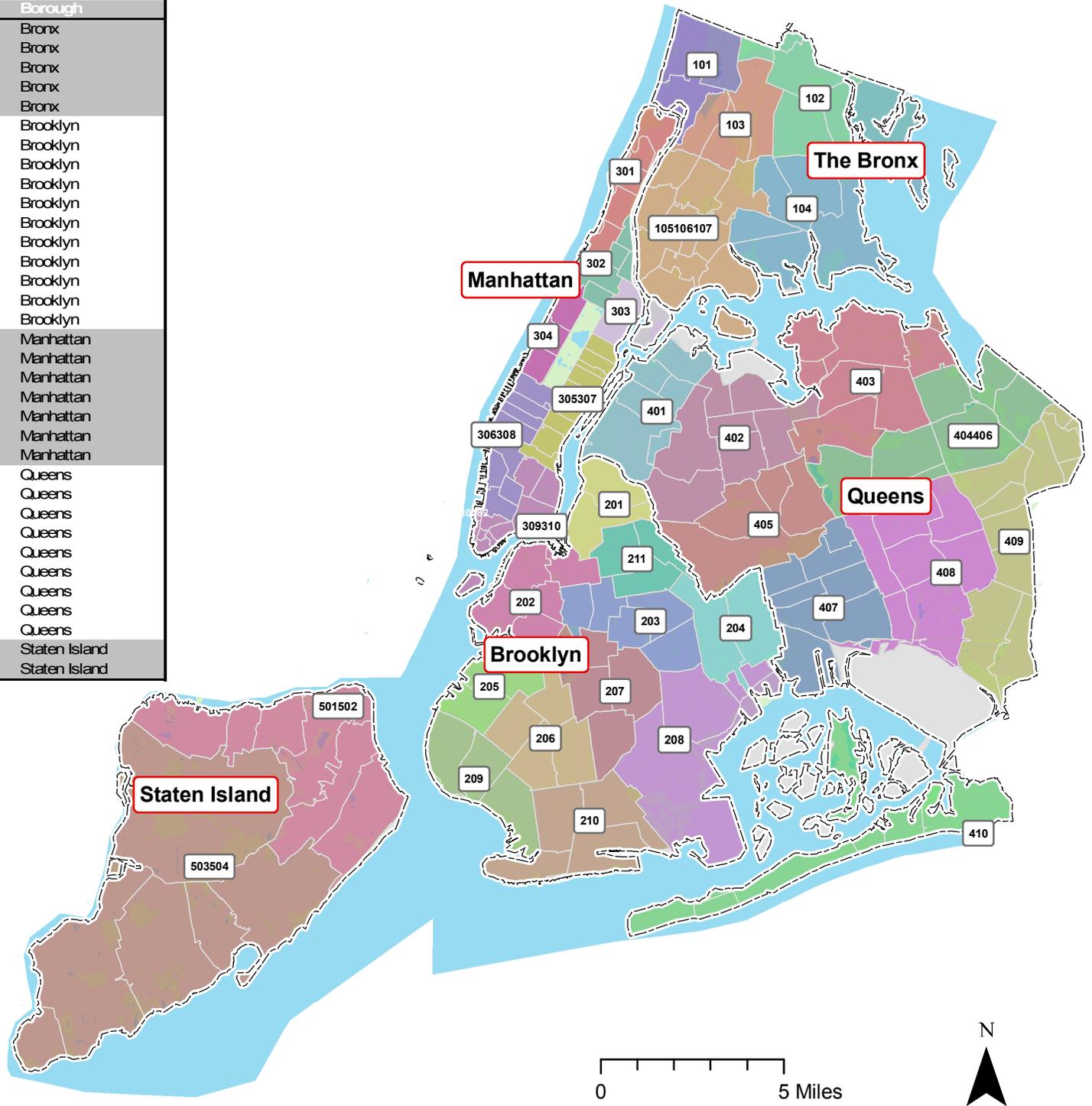


Poverty is categorized by the percent of residents in each neighborhood living below the federal poverty level



# 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