

New York City

# Community Health Survey Atlas



2010

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*Acknowledgements:* Gretchen Culp, Donna Eisenhower, Carolyn Greene, Tiffany Harris, Susan Kansagra, Christa Myers, Jennifer Norton, & Carolyn Olson.

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# Introduction

## New York City Community Health Survey

### Background

The New York City Community Health Survey (CHS) is a telephone survey conducted annually by the NYC Department of Health and Mental Hygiene (DOHMH), Division of Epidemiology, Bureau of Epidemiology Services. The 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.

The CHS has approximately 125 questions, covering a range of health topics: general health status and mental health, health care access, cardiovascular health, diabetes, asthma, immunizations, nutrition and physical activity, smoking, HIV, sexual behavior, alcohol consumption, cancer screening and other health topics. A core group of demographic and health variables are included every year to facilitate weighting and comparisons among different groups of New Yorkers over time.

### Methods

The CHS is modeled after 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 the interviews are conducted in a variety of languages. All data collected are self-report. CHS has included adults with landline phones since 2002 and, from 2009, has included adults who can be reached only by cellphone.

The CHS 2010 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 the 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 neigh-

borhoods in NYC, each defined by 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 analytic sample in 2010 was 8,665 interviews, with a landline response rate of 37% and a cooperation rate of 87%. The cellular response rate was 46%, with a cooperation rate of 96% (all rates are AAPOR third definition).\*

In order to appropriately analyze CHS data, a weight is applied to each record. The weight is calculated from the inverse probability of selection by a post-stratification procedure that ensures the sample matches population control totals within UHFs by age, gender, and race. Starting in 2009, responses were also weighted to account for the distribution of the adult population comprising three telephone usage categories (landline only, landline and cell, cell only) using data from the 2008 New York City Housing and Vacancy Survey.

For more information and survey questionnaires:

<http://www.nyc.gov/html/doh/html/survey/survey.shtml>

### Neighborhood Definition: What is a UHF?

- UHF stands for **United Hospital Fund**
- In New York City, there are **42** UHF neighborhoods, each made up of adjoining zip codes (see pages 6-7 for maps and a list of UHFs and their zip codes)
- **34** neighborhoods are shown in this report (several neighborhoods were combined to increase statistical power)

\* The American Association for Public Opinion Research. 2009. Standard definitions: Final Dispositions of Case Codes and Outcome Rates for Surveys. 6th edition. Lenexa, Kansas: AAPOR.

# Interpreting the Maps

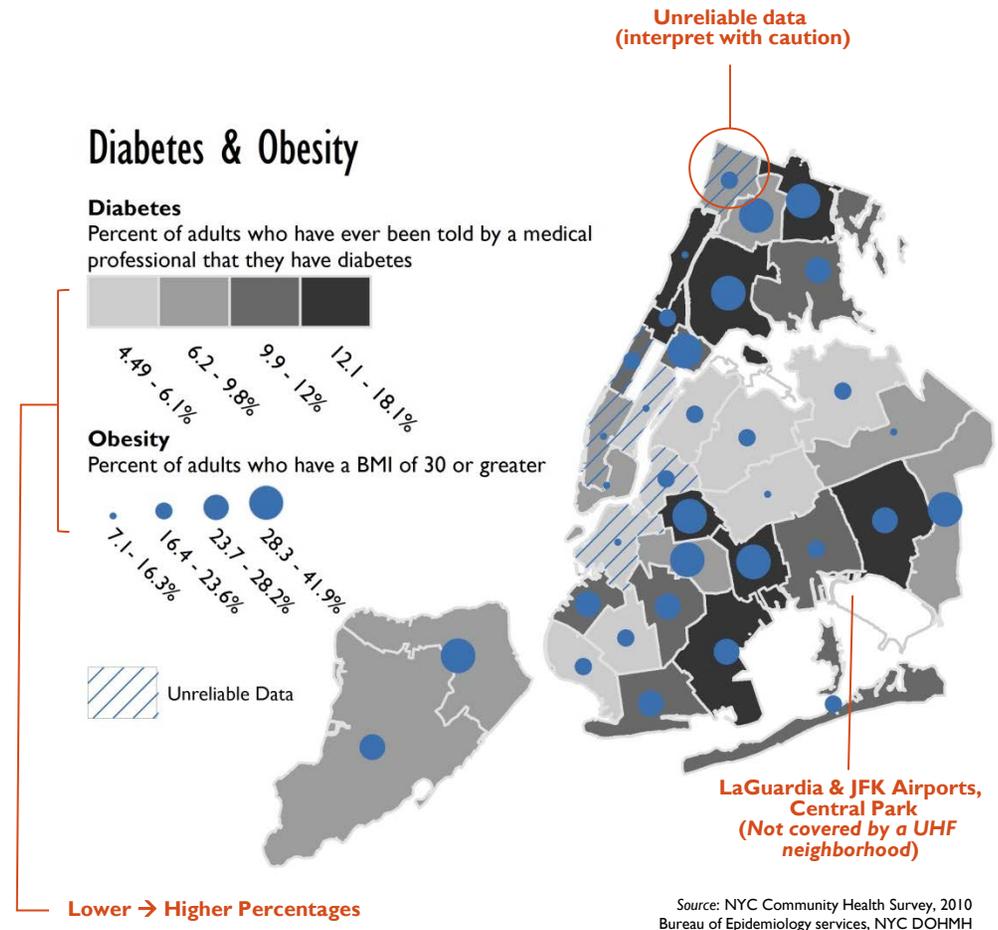
## Community Health Survey Data Display

The data for each indicator on the maps in the *2010 Community Health Survey Atlas* is divided into quartiles (the total frequency of the sample is divided into four equal proportions.). All maps include age-adjusted percentages standardized to the Year 2000 U.S. Standard Population, except for Census maps on page 9. Darker color gradients and larger circle size represent higher percentages for a given variable. Hatching patterns represent unreliable estimates and should be interpreted with caution. Estimates are considered unreliable if the Relative Standard Error (a measure of estimate precision) is greater than 30%, or the sample size is too small. Areas where no estimate would be calculated or that are not covered by a UHF neighborhood (e.g., Central Park) are identified as white areas and outlined in light gray. The maps are designed to allow readers to copy any given map and paste it into another document.

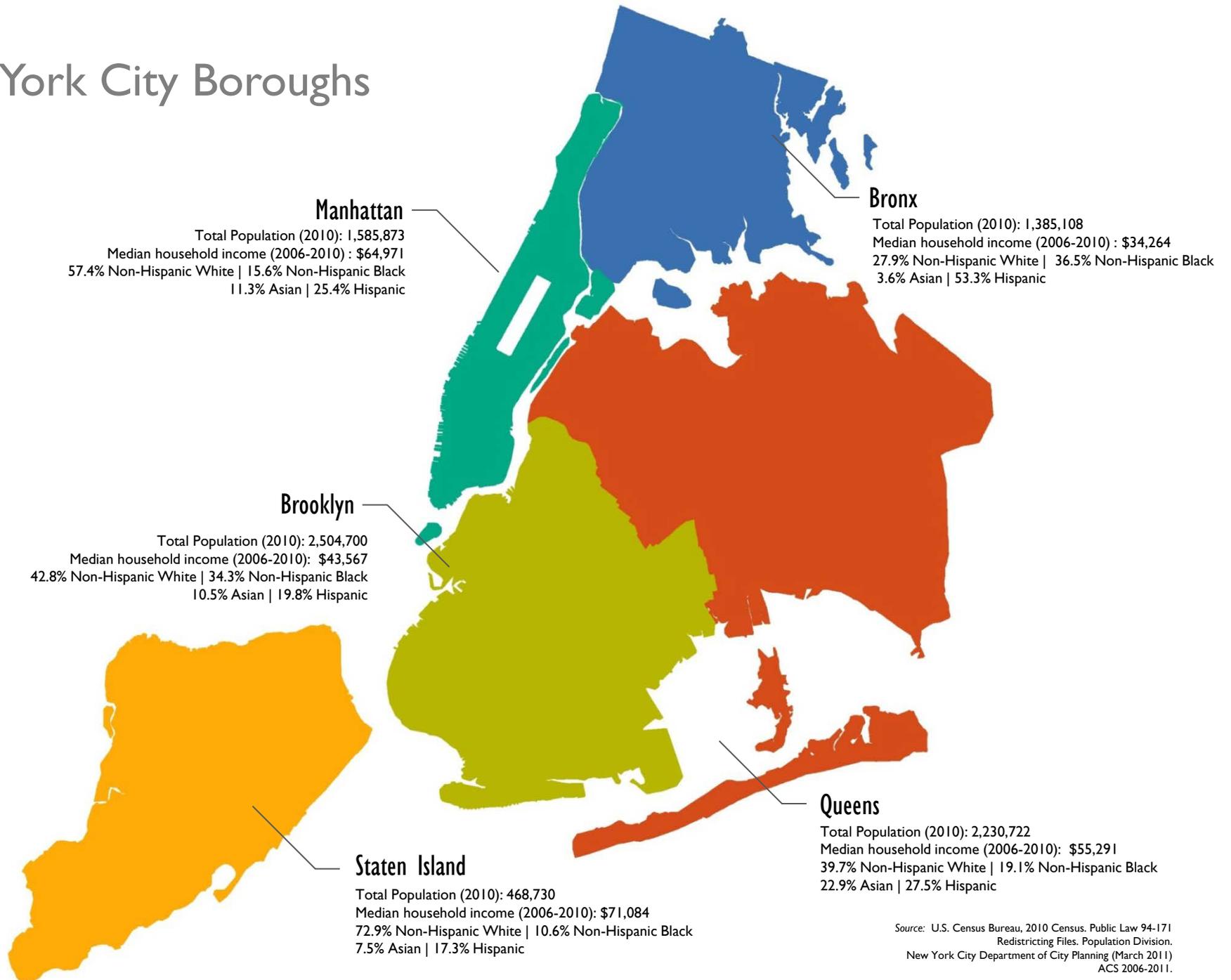
### Data Sources

All of the maps in this atlas display data from the 2010 Community Health Survey, except for the Childhood Obesity map (page 11), which displays NYC FITNESSGRAM (school year 2010-11) data. The DOHMH and the Department of Education use NYC FITNESSGRAM to measure public school children's weight and height, as well as their fitness. Data is limited to grades K-8, ages 5-14, NYC school districts 1-32. Observations with missing gender or date of birth, or with biologically implausible height, weight or BMI values were not included in these estimates. Data are weighted to be representative of the NYC public school population for 2010-11. For more information on the NYC FITNESSGRAM data visit: <http://schools.nyc.gov/Academics/FitnessandHealth/NycFitnessgram/NYCFITNESSGRAM.htm>

Maps containing 2010 data not included in the Atlas can be produced using the EpiQuery site: [www.nyc.gov/health/epiquery](http://www.nyc.gov/health/epiquery)

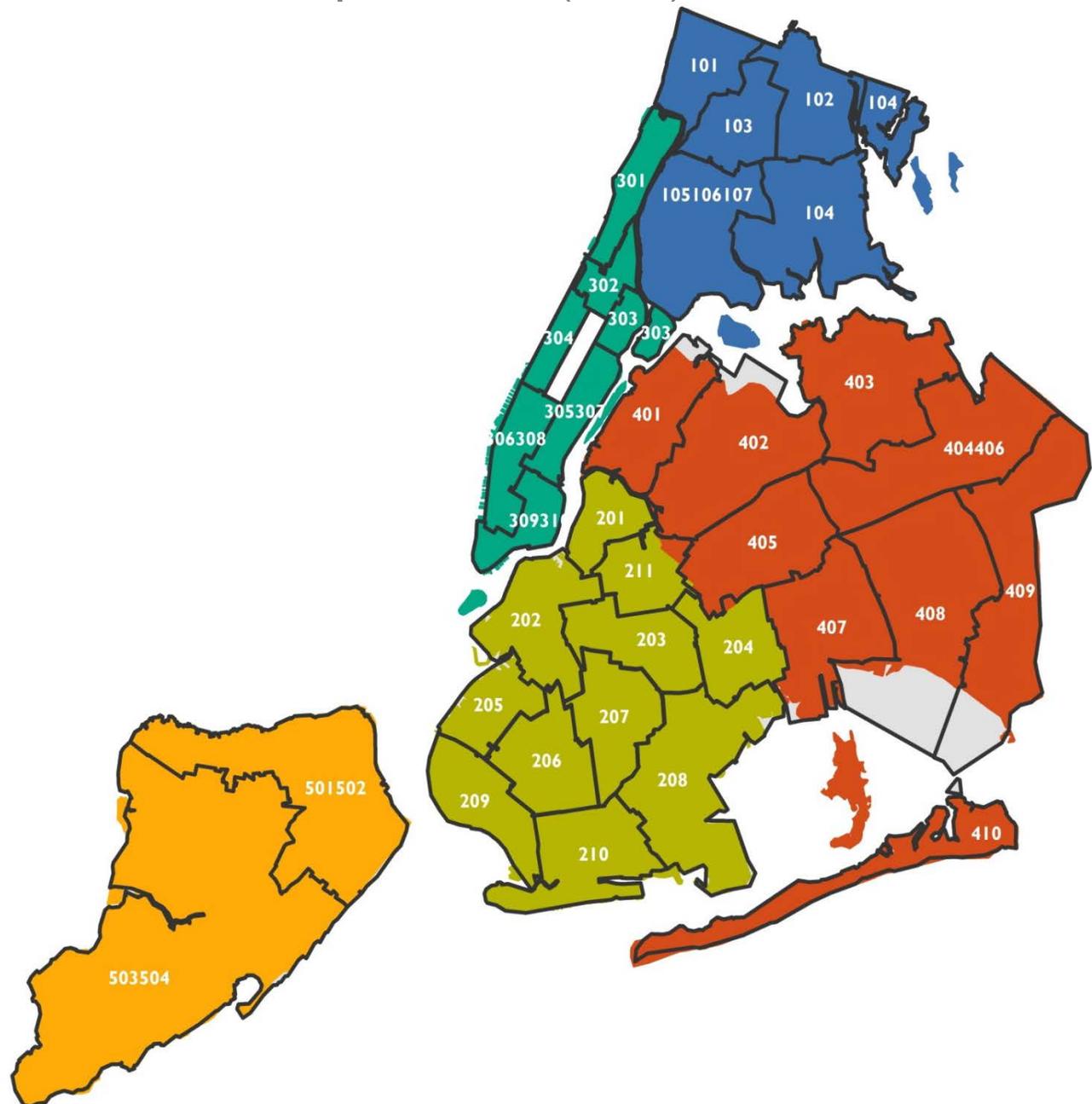


# New York City Boroughs



# Neighborhood Index: United Health Hospital Fund (UHF)

| UHF Code    | UHF Neighborhood              | 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            | 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  | 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        |
| 405         | Ridgewood - Forest Hills      | Queens        |
| 407         | Southwest Queens              | Queens        |
| 408         | Jamaica                       | Queens        |
| 409         | Southeast Queens              | Queens        |
| 410         | Rockaway                      | Queens        |
| 404 406     | Bayside-Meadows               | Queens        |
| 501 502     | Northern SI                   | Staten Island |
| 503 504     | Southern SI                   | Staten Island |



# Neighborhood Index: Zip Codes for each UHF Neighborhood

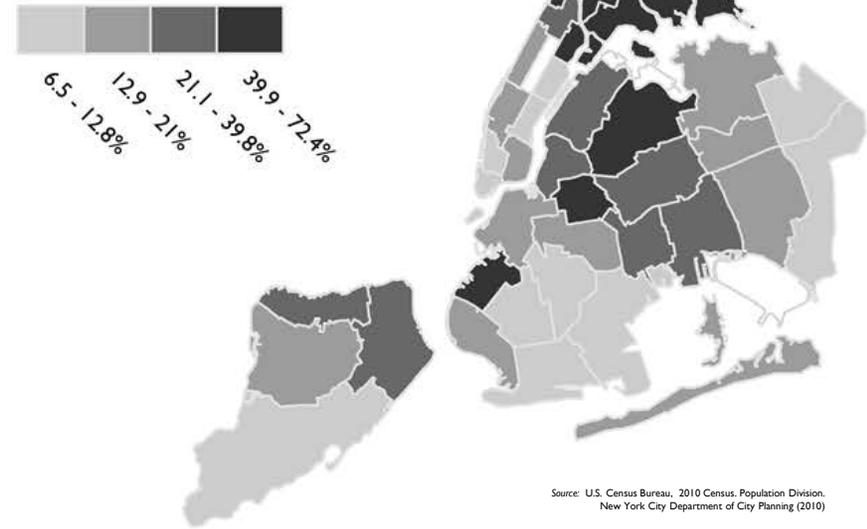
| UHF Code  | UHF Neighborhood              | Zip Codes   | Borough       |
|-----------|-------------------------------|---|---------------|
| 101       | Kingsbridge - Riverdale       | 10463, 10471  | Bronx         |
| 102       | Northeast Bronx               | 10466, 10469, 10470, 10475  | Bronx         |
| 103       | Fordham - Bronx Park          | 10458, 10467, 10468   | Bronx         |
| 104       | Pelham - Throgs Neck          | 10461, 10462, 10464, 10465, 10472, 10473                                    | Bronx         |
| 105106107 | South Bronx                   | 10451, 10452, 10453, 10454, 10455, 10456, 10457, 10459, 10460, 10474        | Bronx         |
| 201       | Greenpoint                    | 11211, 11222  | Brooklyn      |
| 202       | Downtown - Heights - Slope    | 11201, 11205, 11215, 11217, 11231   | Brooklyn      |
| 203       | Bedford Stuyvesant            | 11212, 11213, 11216, 11233, 11238   | Brooklyn      |
| 204       | East New York                 | 11207, 11208  | Brooklyn      |
| 205       | Sunset Park                   | 11220, 11232  | Brooklyn      |
| 206       | Borough Park                  | 11204, 11218, 11219, 11230  | Brooklyn      |
| 207       | East Flatbush - Flatbush      | 11203, 11210, 11225, 11226,   | Brooklyn      |
| 208       | Canarsie - Flatlands          | 11234, 11236, 11239   | Brooklyn      |
| 209       | Bensonhurst - Bay Ridge       | 11209, 11214, 11228   | Brooklyn      |
| 210       | Coney Island - Sheepshead Bay | 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 - Morningside  | 10026, 10027, 10030, 10037, 10039   | Manhattan     |
| 303       | East Harlem                   | 10029, 10035  | Manhattan     |
| 304       | Upper West Side               | 10023, 10024, 10025   | Manhattan     |
| 305307    | Upper East Side-Gramercy      | 10010, 10016, 10017, 10021, 10022, 10028, 10044, 10065, 10075, 10128        | Manhattan     |
| 306308    | Chelsea-Village               | 10001, 10011, 10012, 10013, 10014, 10018, 10019, 10020, 10036               | Manhattan     |
| 309310    | Union Square, Lower Manhattan | 10002, 10003, 10004, 10005, 10006, 10007, 10009, 10038, 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        |
| 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       | Rockaway                      | 11691, 11692, 11693, 11694, 11695, 11697                                    | Queens        |
| 404406    | Bayside-Meadows               | 11361, 11362, 11363, 11364, 11365, 11366, 11367                             | Queens        |
| 501502    | Northern SI                   | 10301, 10302, 10303, 10304, 10305, 10310                                    | Staten Island |
| 503504    | Southern SI                   | 10306, 10307, 10308, 10309, 10312, 10314                                    | Staten Island |

## Neighborhood Poverty (2000)

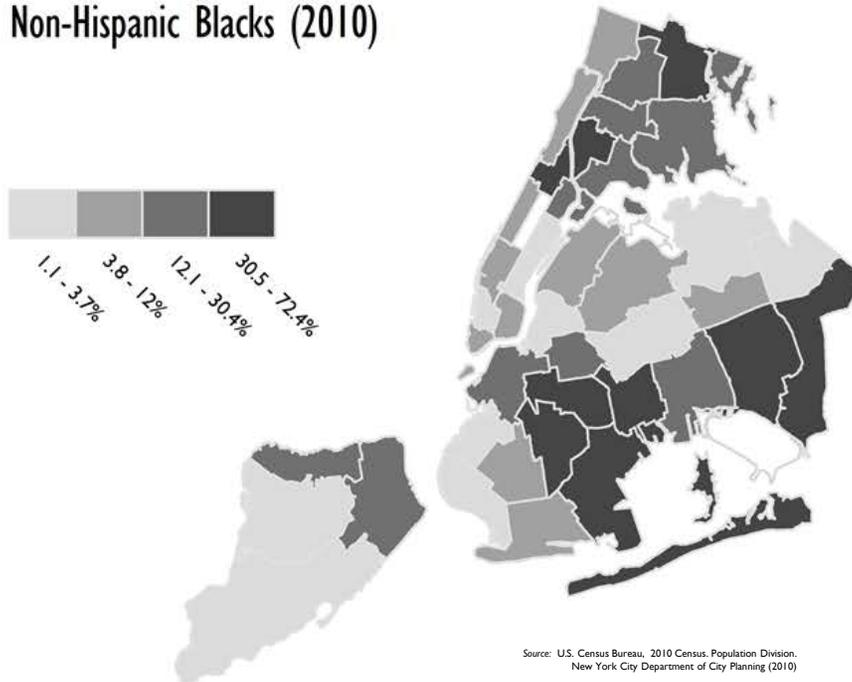
Poverty is categorized by the percent of residents in each neighborhood living below the federal poverty level



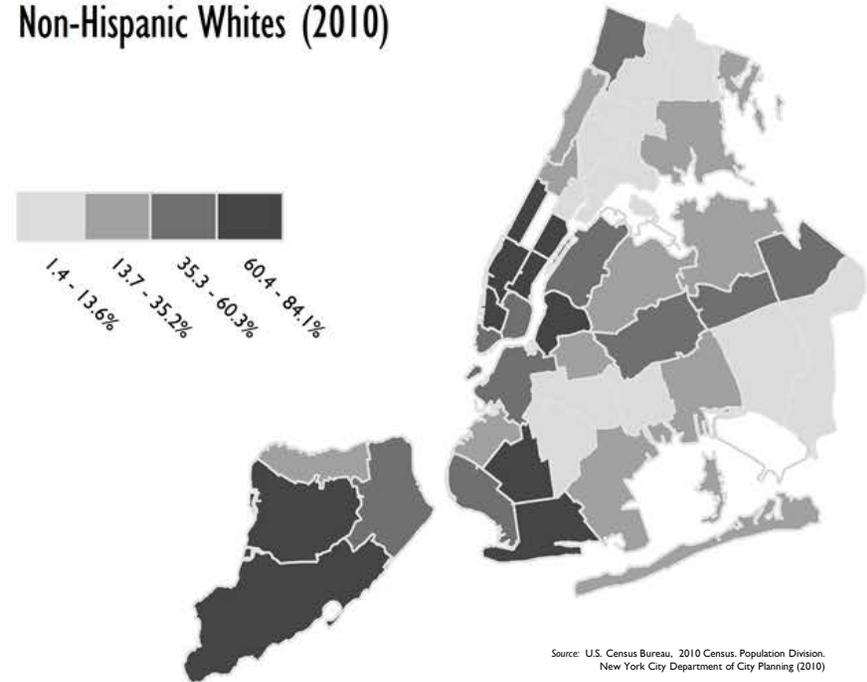
## Hispanics (2010)



## Non-Hispanic Blacks (2010)

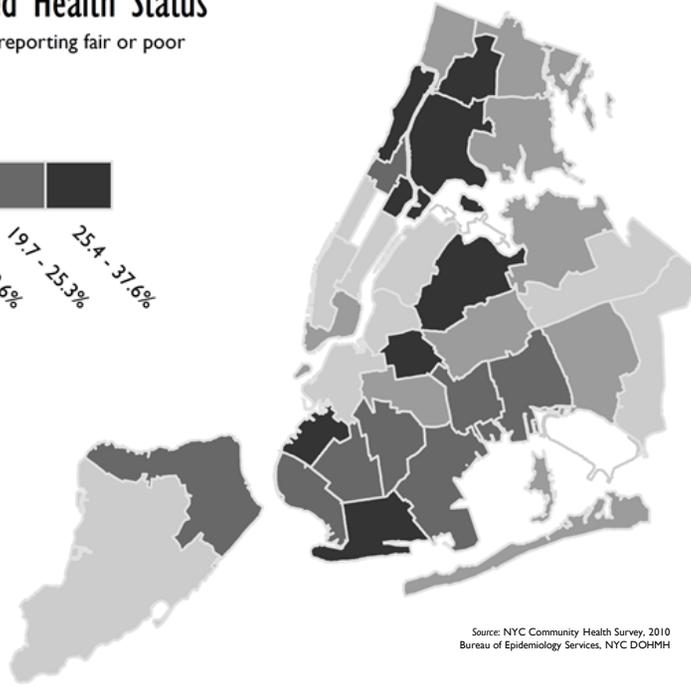
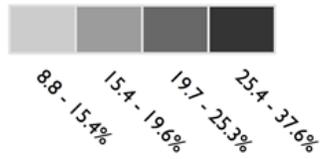


## Non-Hispanic Whites (2010)



## Self-Reported Health Status

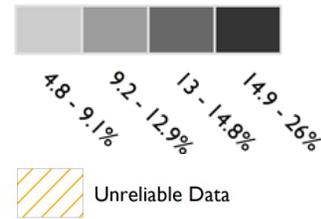
Percent of adults reporting fair or poor general health



Source: NYC Community Health Survey, 2010  
Bureau of Epidemiology Services, NYC DOHMH

## History of Depression

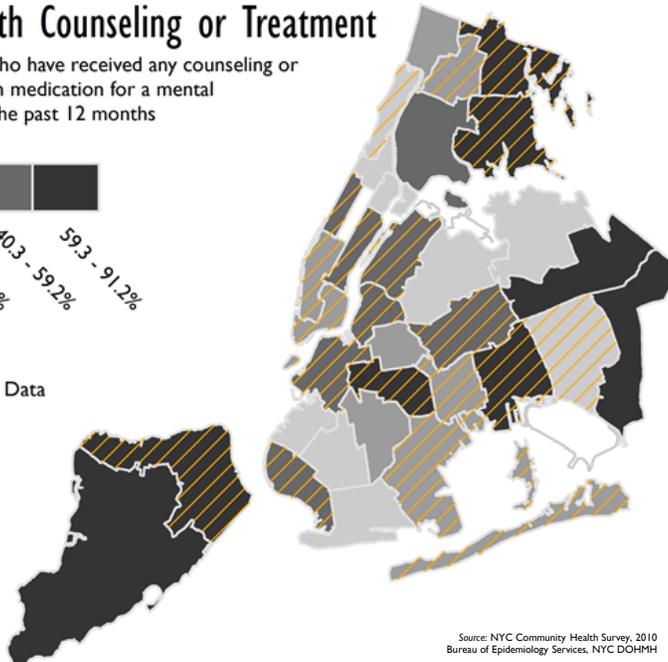
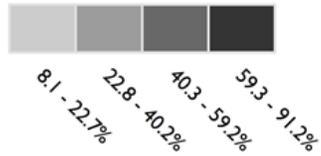
Percent of adults having ever been told by a doctor, nurse or other health professional that they had depression



Source: NYC Community Health Survey, 2010  
Bureau of Epidemiology Services, NYC DOHMH

## Mental Health Counseling or Treatment

Percent of adults who have received any counseling or taken a prescription medication for a mental health problem in the past 12 months

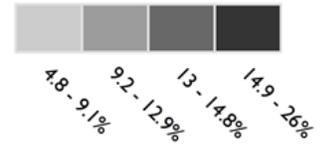


Source: NYC Community Health Survey, 2010  
Bureau of Epidemiology Services, NYC DOHMH

## History of Depression & Counseling

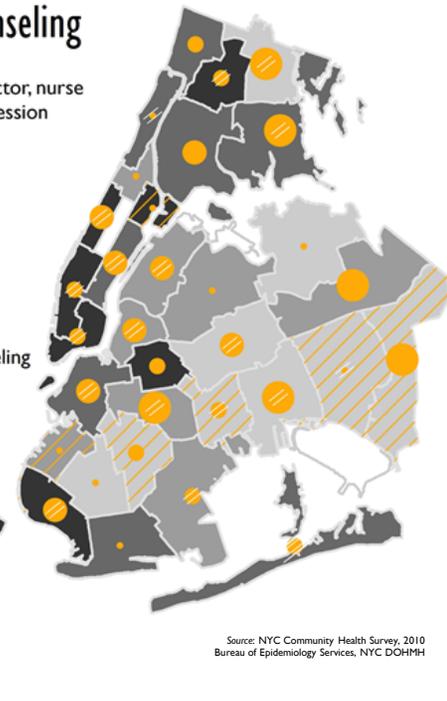
### History of Depression

Percent of adults having ever been told by a doctor, nurse or other health professional that they had depression



### Mental Health Counseling or Treatment

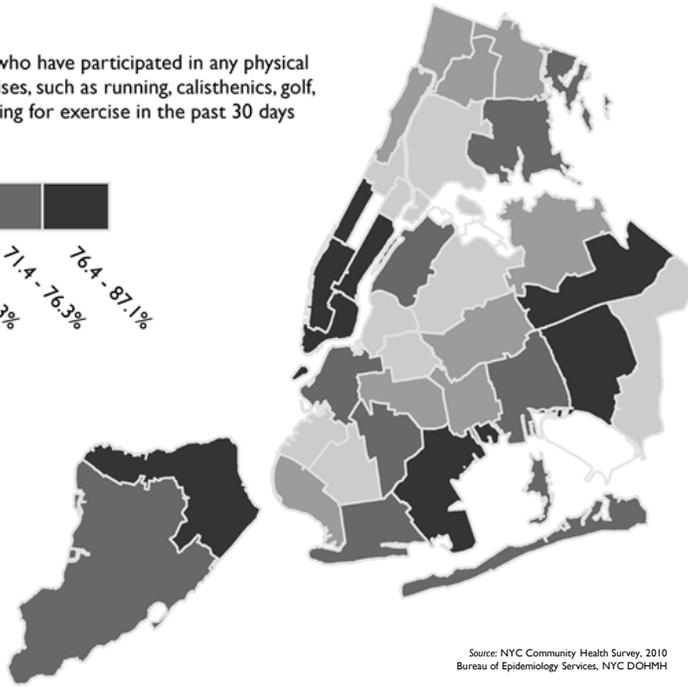
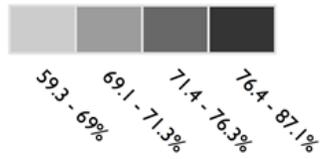
Percent of adults who have received any counseling or taken a prescription medication for a mental health problem, in the past 12 months



Source: NYC Community Health Survey, 2010  
Bureau of Epidemiology Services, NYC DOHMH

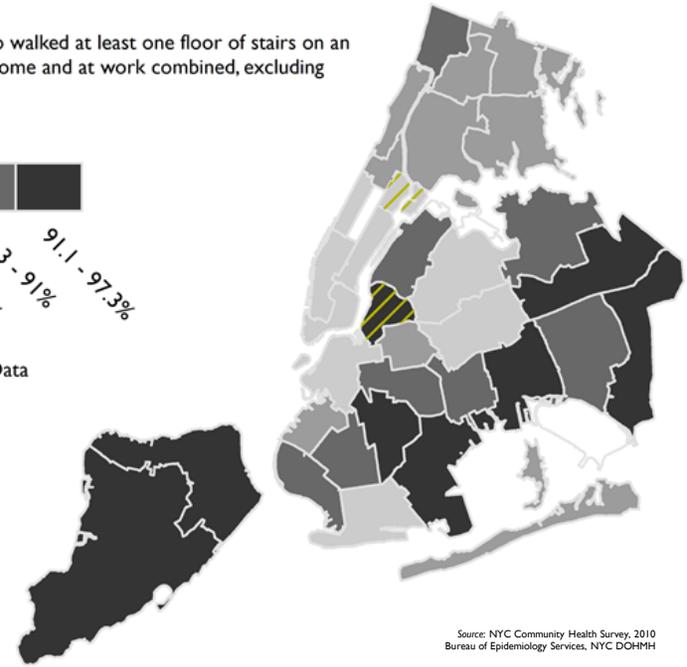
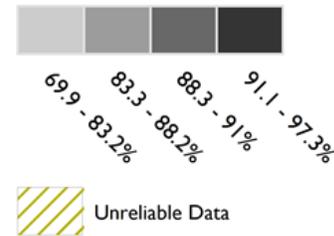
## Exercise

Percent of adults who have participated in any physical activities or exercises, such as running, calisthenics, golf, gardening, or walking for exercise in the past 30 days



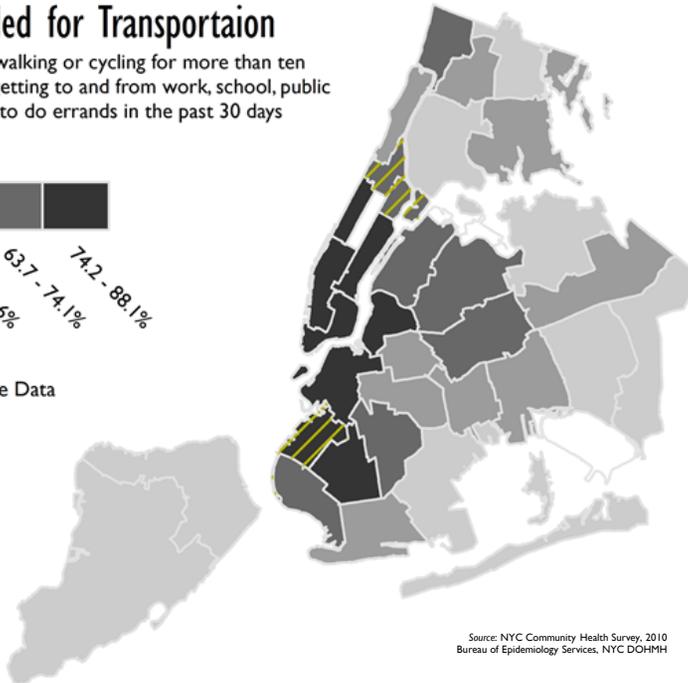
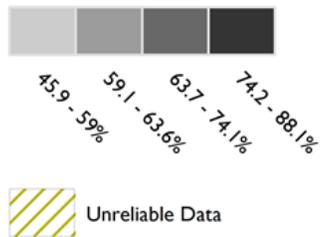
## Stair Use

Percent of adults who walked at least one floor of stairs on an average weekday at home and at work combined, excluding subway use



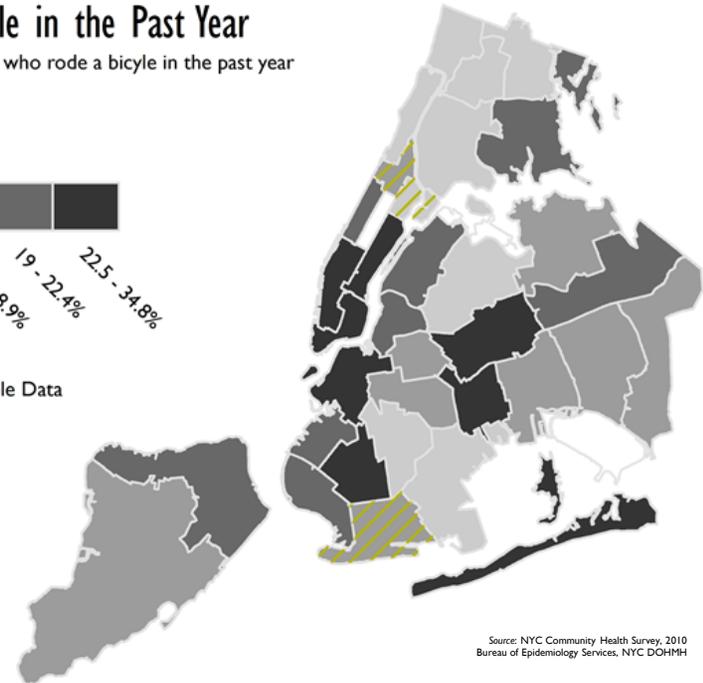
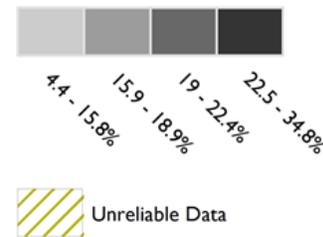
## Walked/Cycled for Transportation

Percent of adults walking or cycling for more than ten blocks as part of getting to and from work, school, public transportation or to do errands in the past 30 days



## Rode Bicycle in the Past Year

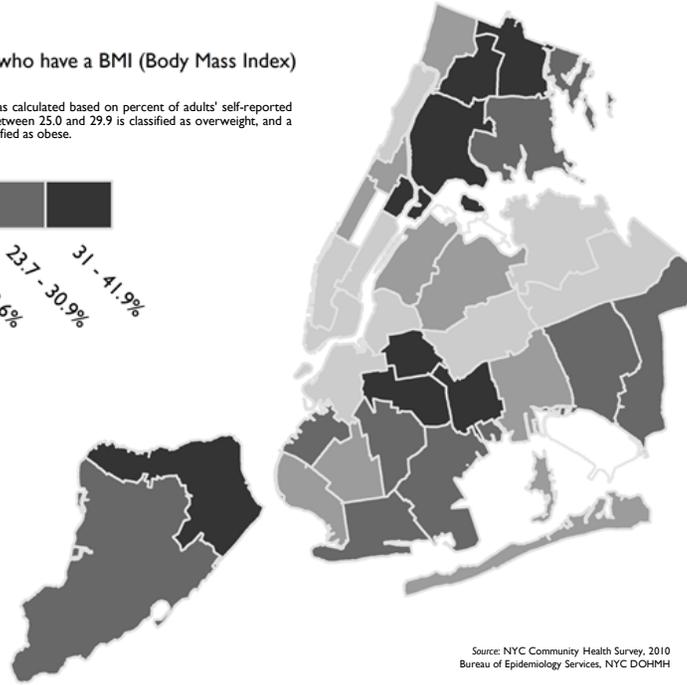
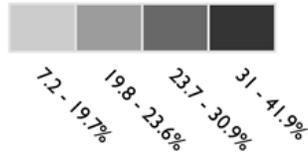
Percent of adults who rode a bicycle in the past year



## Obesity

Percent of adults who have a BMI (Body Mass Index) of 30 or greater

\* Body Mass Index (BMI) was calculated based on percent of adults' self-reported weight and height. A BMI between 25.0 and 29.9 is classified as overweight, and a BMI of 30 or greater is classified as obese.

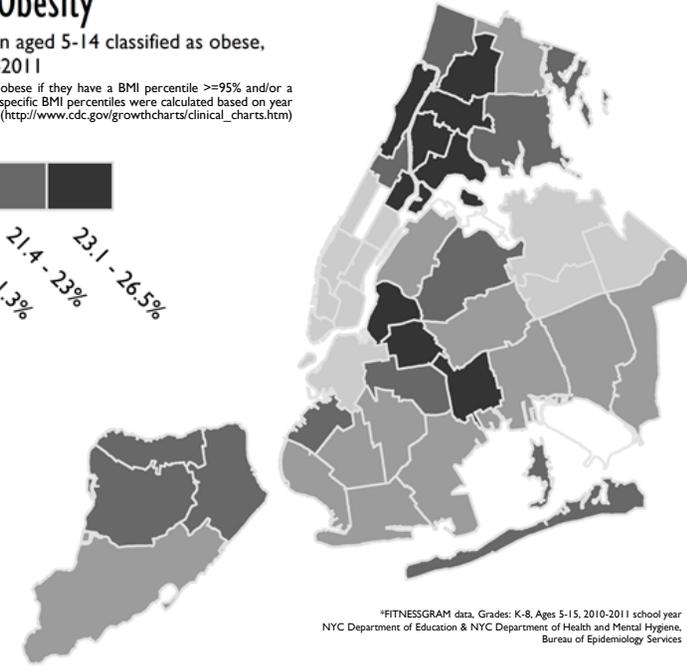
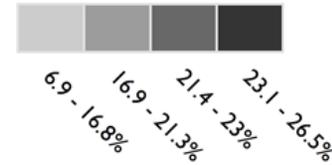


Source: NYC Community Health Survey, 2010  
Bureau of Epidemiology Services, NYC DOHMH

## Childhood Obesity

Percent of children aged 5-14 classified as obese, school year 2010-2011

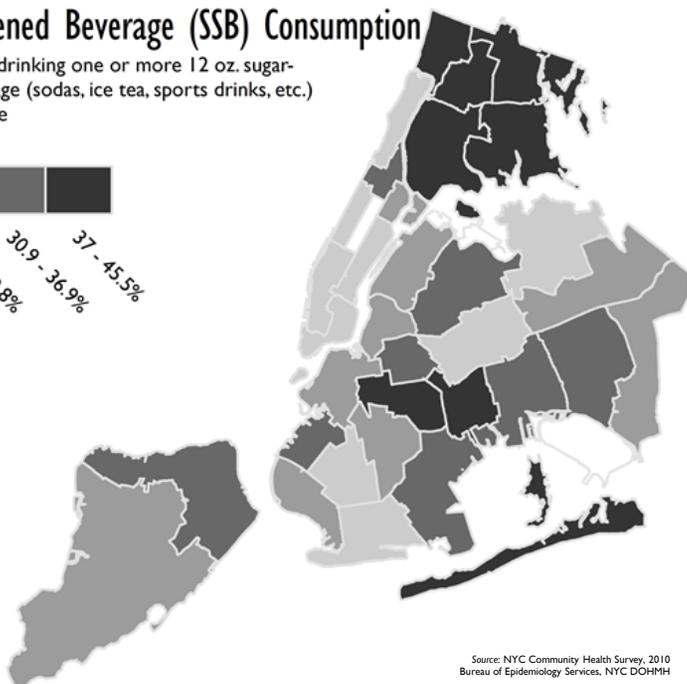
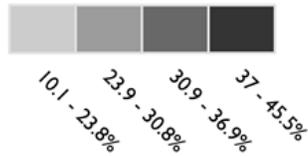
\* Children are classified as obese if they have a BMI percentile  $\geq 95\%$  and/or a BMI  $\geq 25$ . Age and gender specific BMI percentiles were calculated based on year 2000 CDC growth charts ([http://www.cdc.gov/growthcharts/clinical\\_charts.htm](http://www.cdc.gov/growthcharts/clinical_charts.htm)) from height and weight.



\*FITNESSGRAM data, Grades: K-8, Ages 5-15, 2010-2011 school year  
NYC Department of Education & NYC Department of Health and Mental Hygiene,  
Bureau of Epidemiology Services

## Sugar-Sweetened Beverage (SSB) Consumption

Percent of adults drinking one or more 12 oz. sugar-sweetened beverage (sodas, ice tea, sports drinks, etc.) per day on average

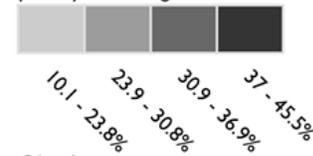


Source: NYC Community Health Survey, 2010  
Bureau of Epidemiology Services, NYC DOHMH

## SSB Consumption & Obesity

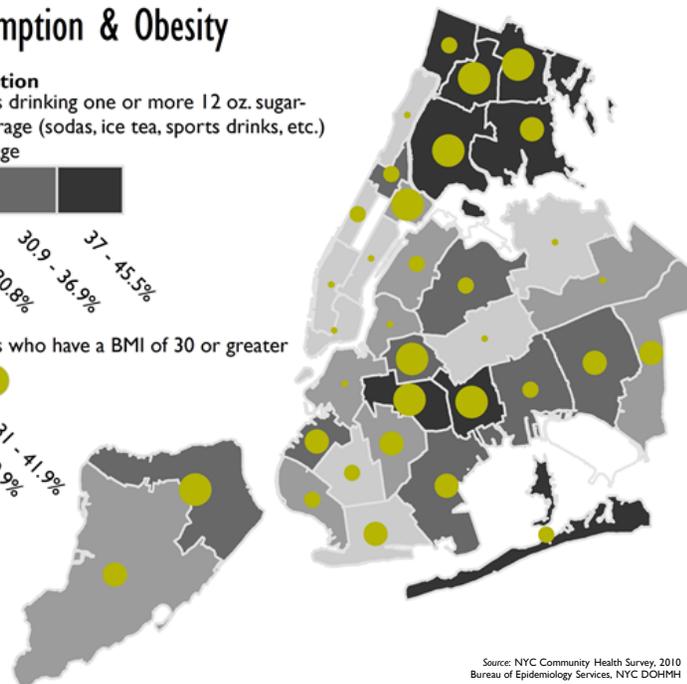
### SSB Consumption

Percent of adults drinking one or more 12 oz. sugar-sweetened beverage (sodas, ice tea, sports drinks, etc.) per day on average



### Obesity

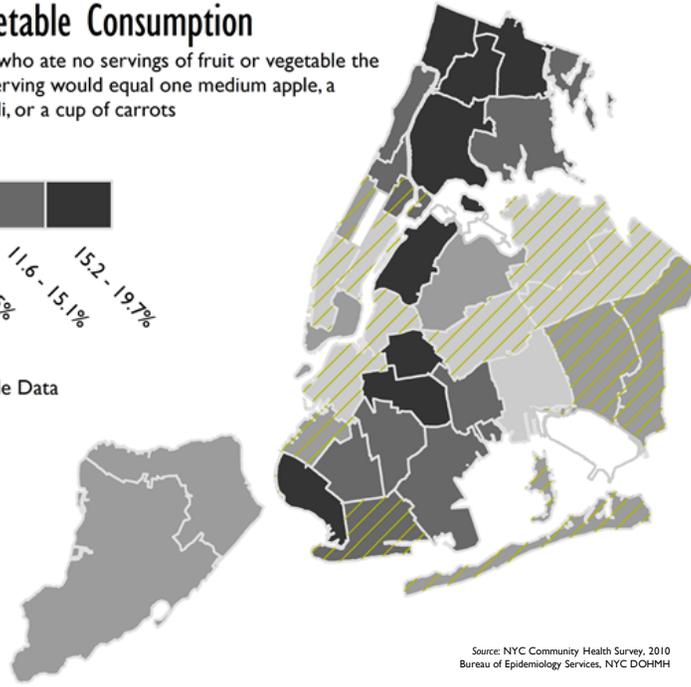
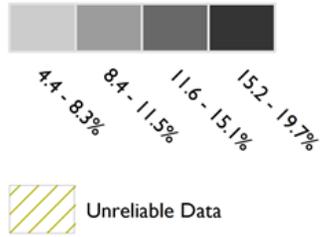
Percent of adults who have a BMI of 30 or greater



Source: NYC Community Health Survey, 2010  
Bureau of Epidemiology Services, NYC DOHMH

## Fruit & Vegetable Consumption

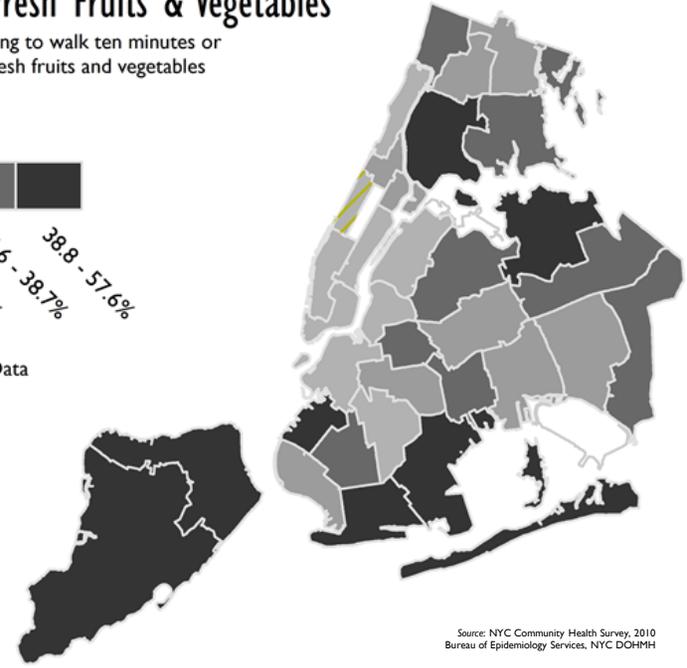
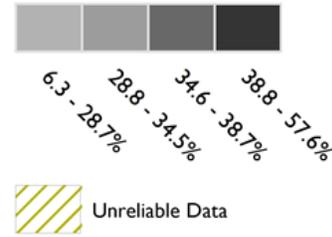
Percent of adults who ate no servings of fruit or vegetable the previous day. A serving would equal one medium apple, a handful of broccoli, or a cup of carrots



Source: NYC Community Health Survey, 2010  
Bureau of Epidemiology Services, NYC DOHMH

## Distance to Fresh Fruits & Vegetables

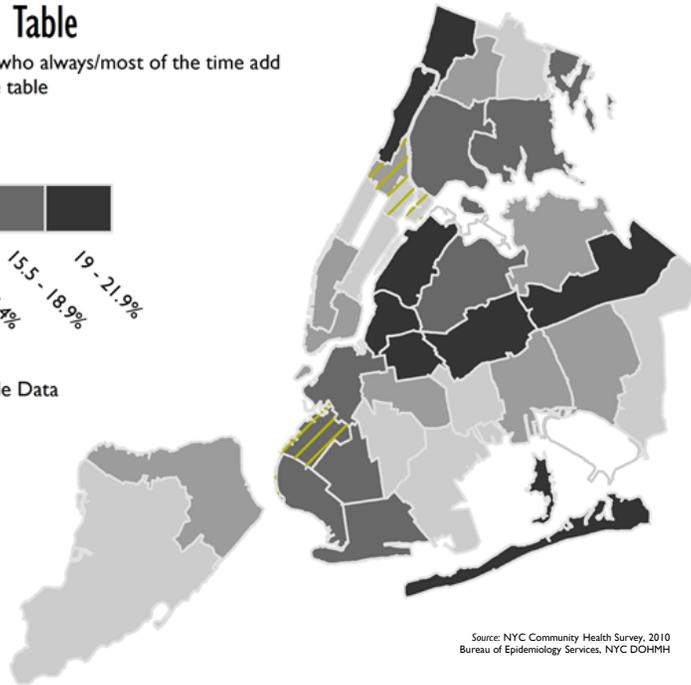
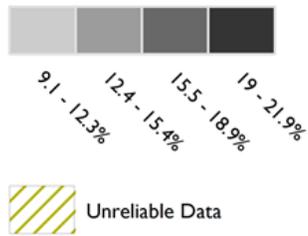
Percent of adults having to walk ten minutes or longer to purchase fresh fruits and vegetables



Source: NYC Community Health Survey, 2010  
Bureau of Epidemiology Services, NYC DOHMH

## Add Salt at Table

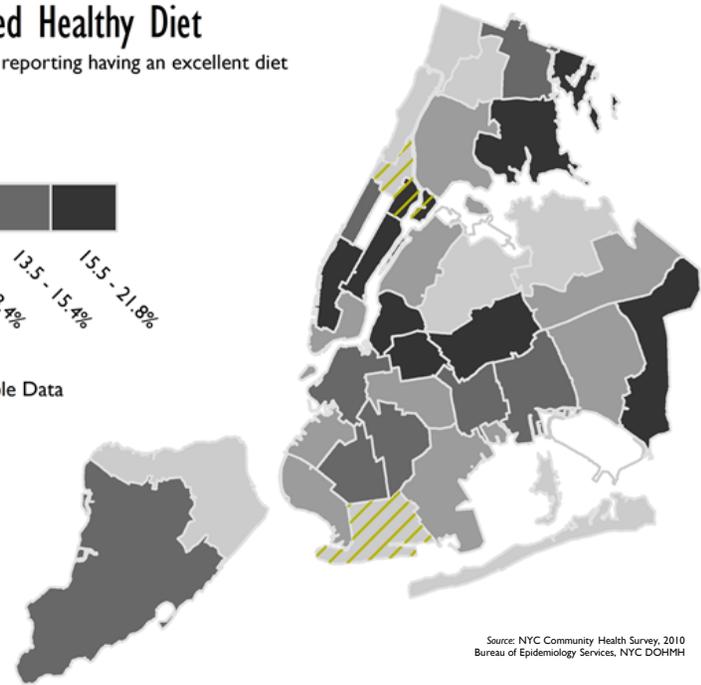
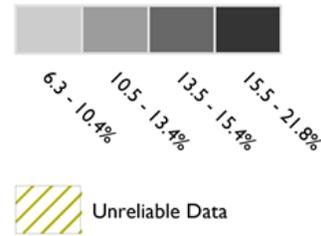
Percent of adults who always/most of the time add salt to food at the table



Source: NYC Community Health Survey, 2010  
Bureau of Epidemiology Services, NYC DOHMH

## Self-Reported Healthy Diet

Percent of adults reporting having an excellent diet



Source: NYC Community Health Survey, 2010  
Bureau of Epidemiology Services, NYC DOHMH

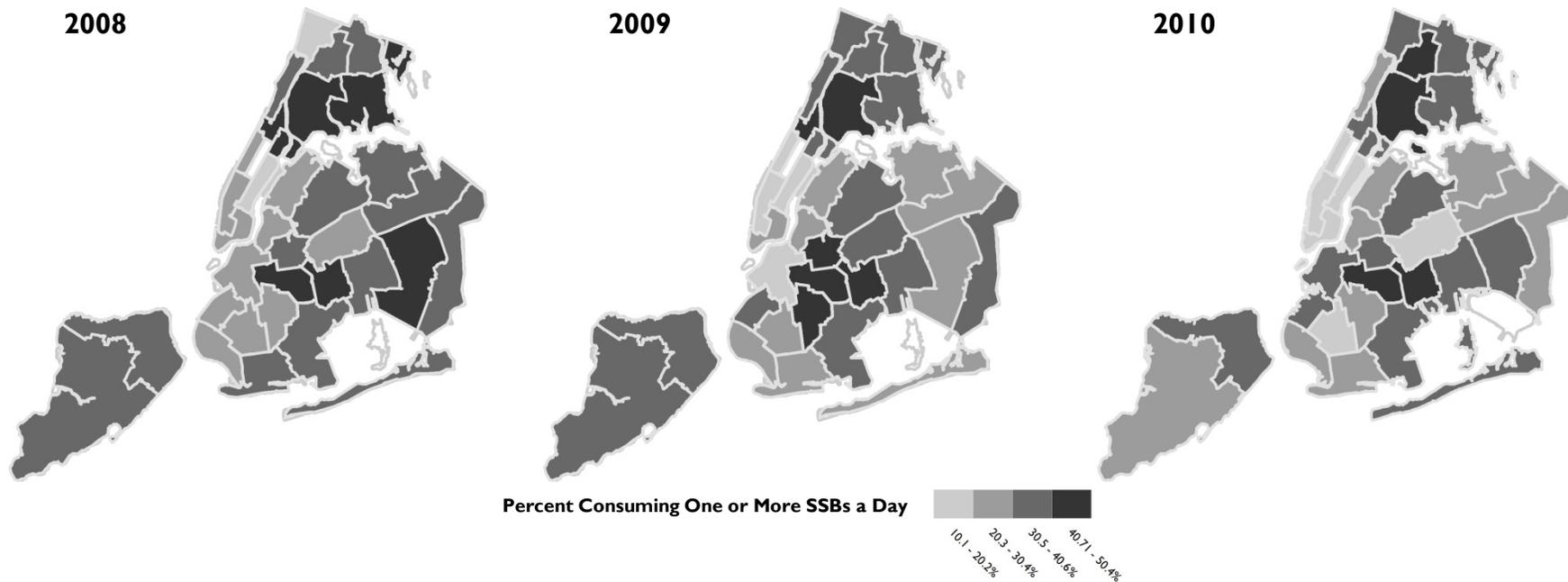
# Sugar-Sweetened Beverage Consumption: 2008-2010

- Sugary drinks are associated with weight gain, diabetes, and risk factors for cardiovascular disease
- Consuming an average of at least one SSB per day among adults ages 18 and older in New York City decreased from 32.6% in 2008 to 30.3% in 2010. However, almost one third of New Yorkers still consumed at least one SSB per day in 2010
- In 2010, the prevalence of at least daily consumption of SSBs was highest among Bronx residents (42.1%) and lowest among Manhattan residents (20.4%)

Source: Epi Data Brief: Consumption of Sugar Sweetened Beverages (SSBs) in New York City. May 2011. <http://www.nyc.gov/html/doh/downloads/pdf/epidatabrief4.pdf>

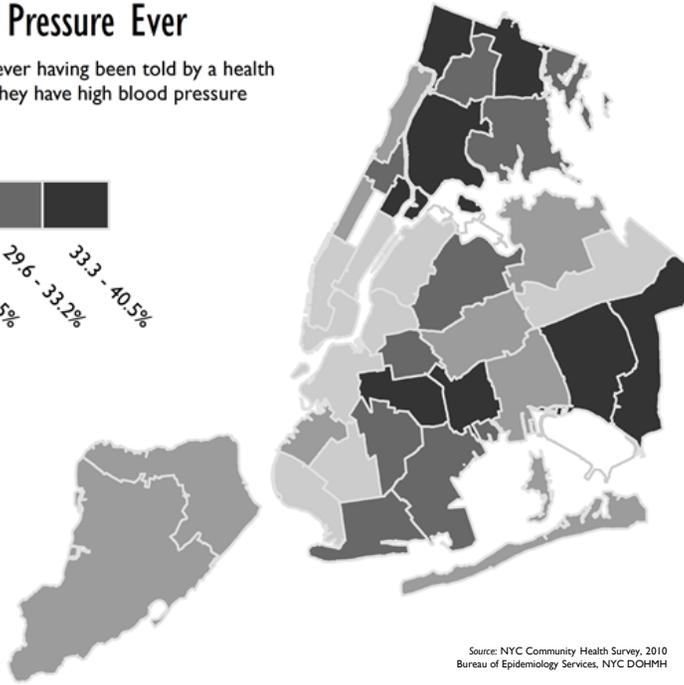
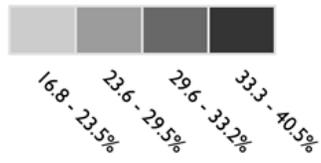


DOHMH campaign, begun in 2009, to encourage consumers to choose beverages with less sugar



## High Blood Pressure Ever

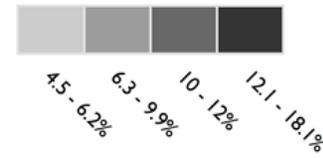
Percent of adults ever having been told by a health professional that they have high blood pressure



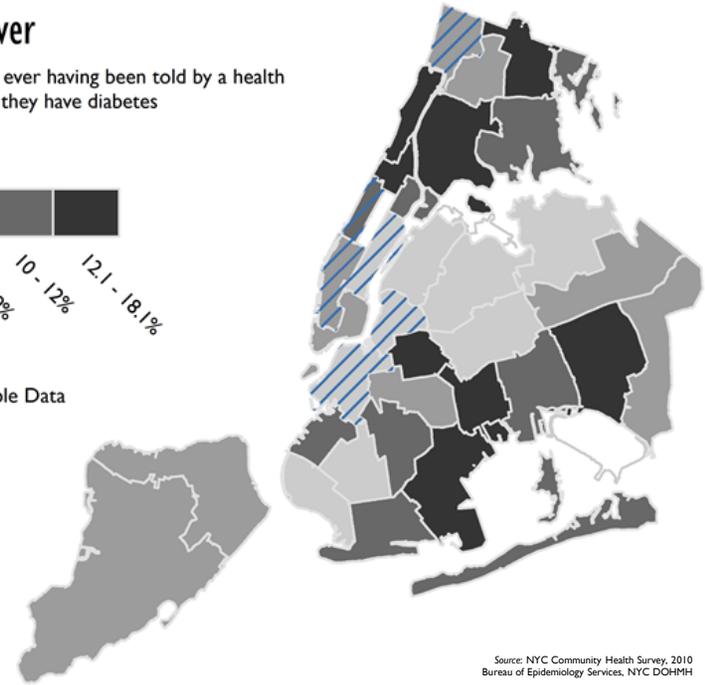
Source: NYC Community Health Survey, 2010  
Bureau of Epidemiology Services, NYC DOHMH

## Diabetes Ever

Percent of adults ever having been told by a health professional that they have diabetes



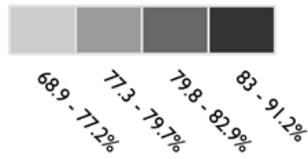
Unreliable Data



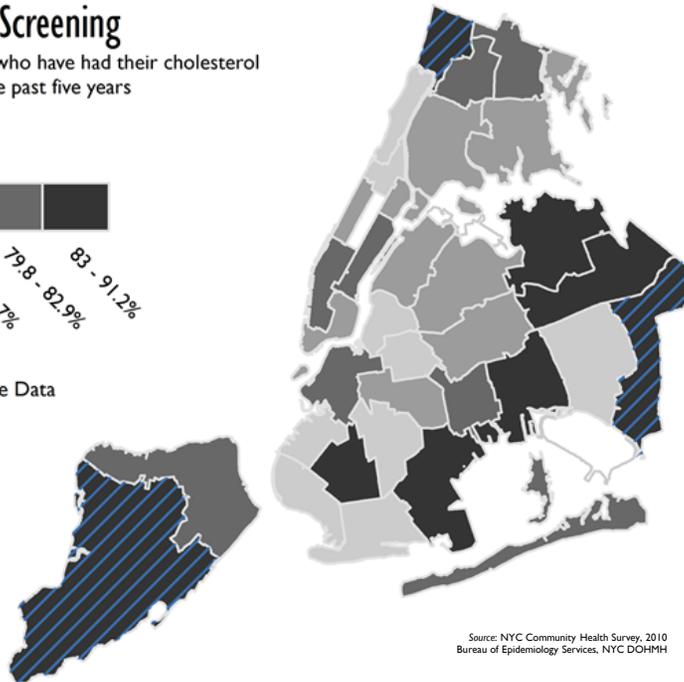
Source: NYC Community Health Survey, 2010  
Bureau of Epidemiology Services, NYC DOHMH

## Cholesterol Screening

Percent of adults who have had their cholesterol checked within the past five years



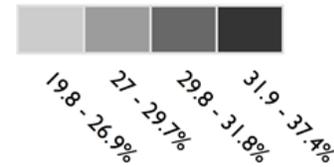
Unreliable Data



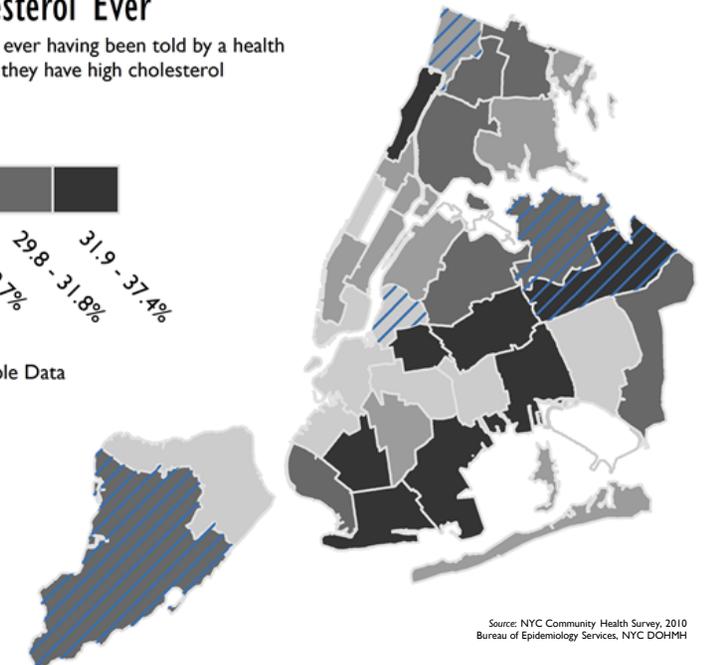
Source: NYC Community Health Survey, 2010  
Bureau of Epidemiology Services, NYC DOHMH

## High Cholesterol Ever

Percent of adults ever having been told by a health professional that they have high cholesterol



Unreliable Data

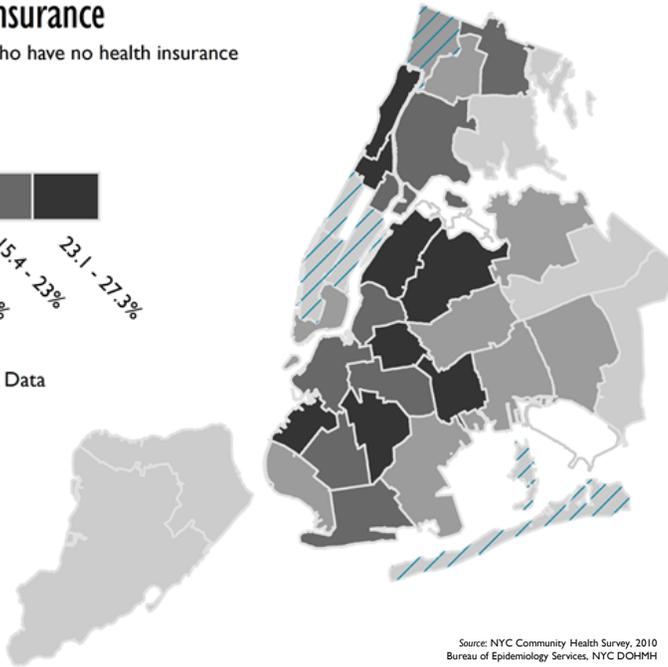
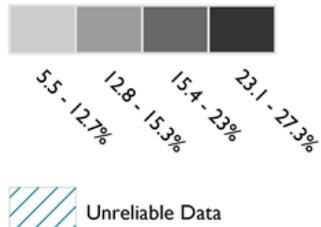


Source: NYC Community Health Survey, 2010  
Bureau of Epidemiology Services, NYC DOHMH



## No Health Insurance

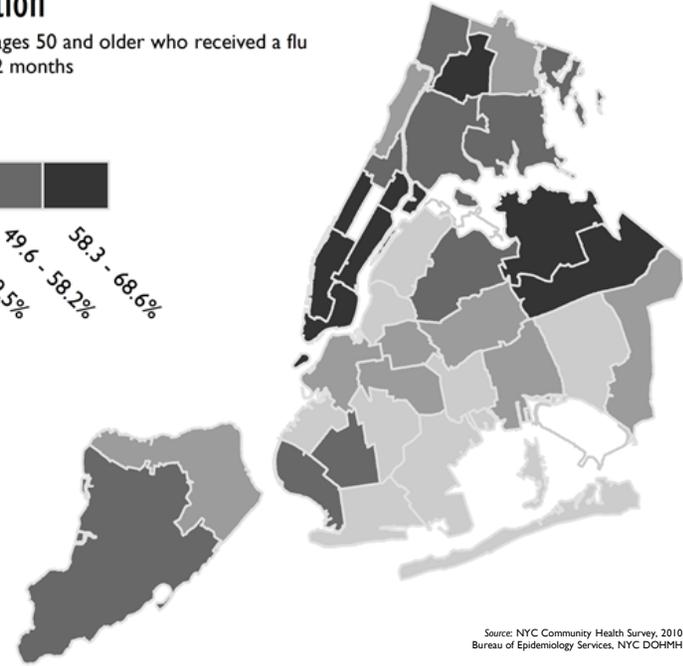
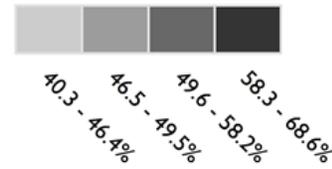
Percent of adults who have no health insurance



Source: NYC Community Health Survey, 2010  
Bureau of Epidemiology Services, NYC DOHMH

## Flu Vaccination

Percent of adults ages 50 and older who received a flu shot in the past 12 months

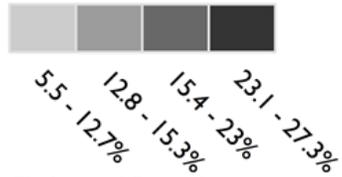


Source: NYC Community Health Survey, 2010  
Bureau of Epidemiology Services, NYC DOHMH

## Cholesterol Screening & No Insurance

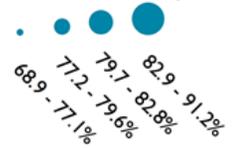
### No Health Insurance

Percent of adults who have no health insurance

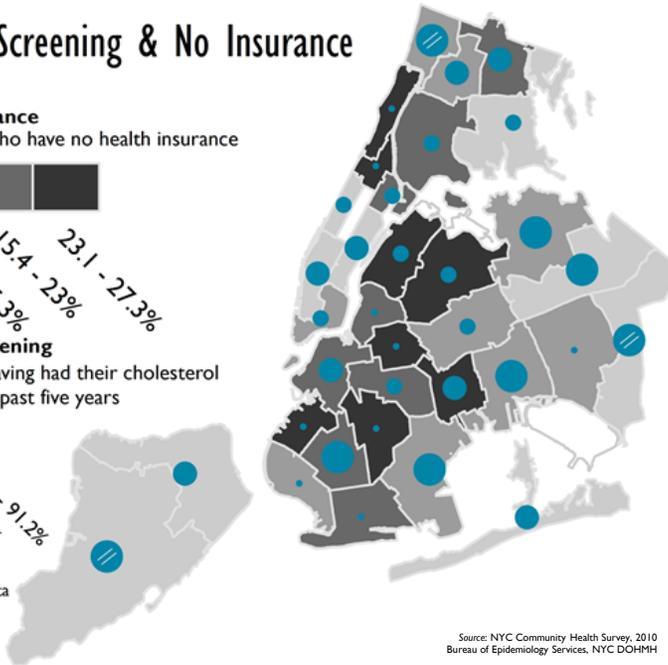


### Cholesterol Screening

Percent of adults having had their cholesterol checked within the past five years



Unreliable Data

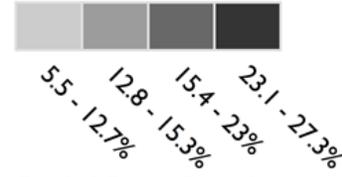


Source: NYC Community Health Survey, 2010  
Bureau of Epidemiology Services, NYC DOHMH

## Cervical Cancer Screening & No Insurance

### No Health Insurance

Percent of adults who have no health insurance

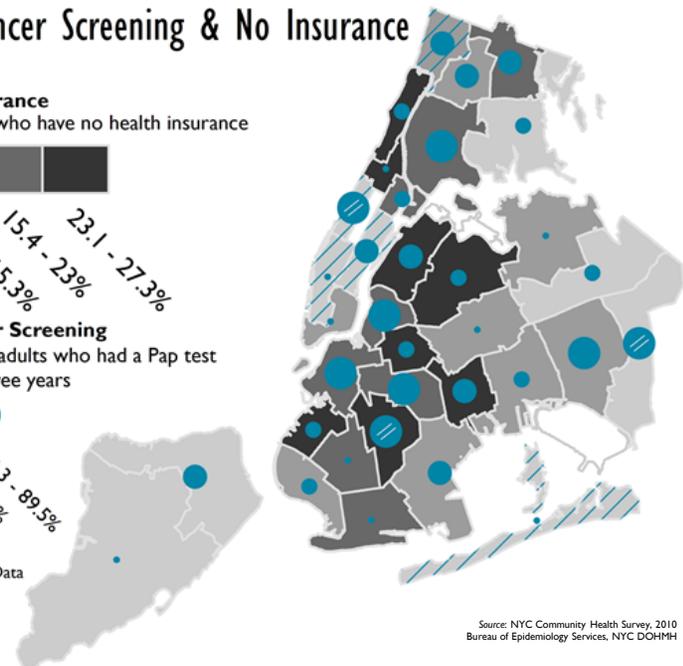


### Cervical Cancer Screening

Percent of female adults who had a Pap test within the past three years



Unreliable Data

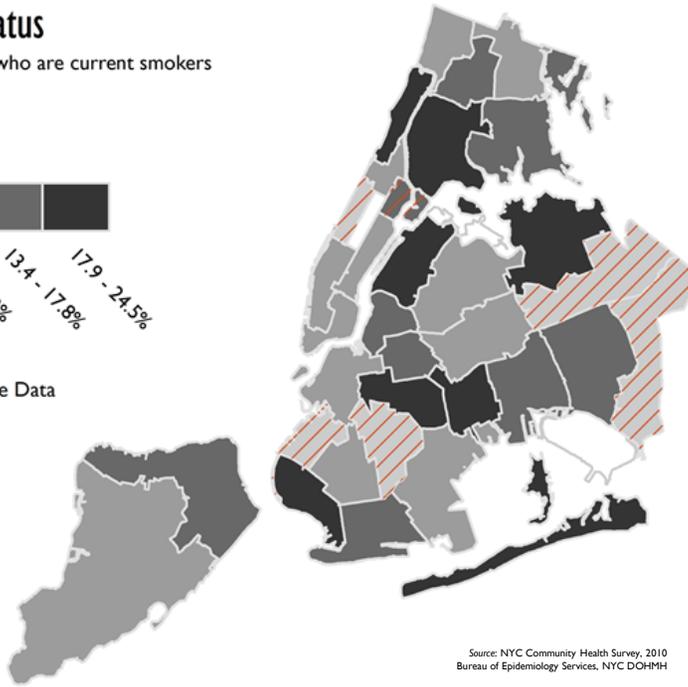
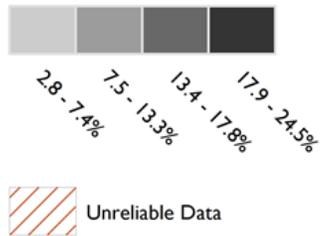


Source: NYC Community Health Survey, 2010  
Bureau of Epidemiology Services, NYC DOHMH



## Smoking Status

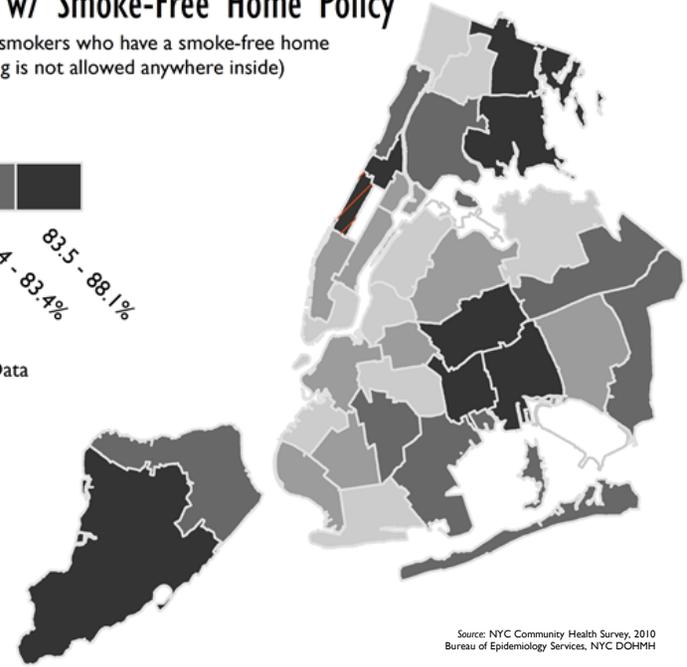
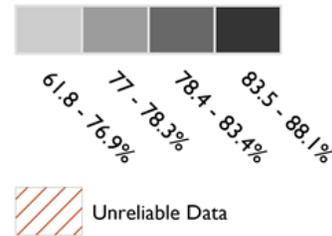
Percent of adults who are current smokers



Source: NYC Community Health Survey, 2010  
Bureau of Epidemiology Services, NYC DOHMH

## Non-Smokers w/ Smoke-Free Home Policy

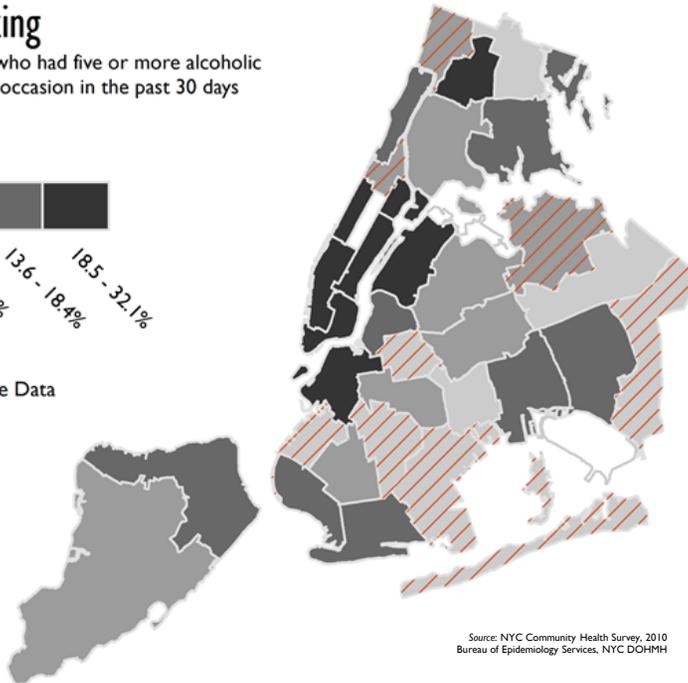
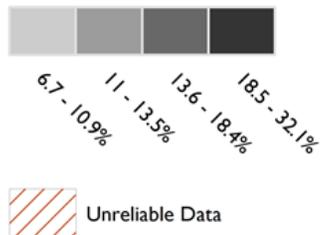
Percent of adult non-smokers who have a smoke-free home policy (where smoking is not allowed anywhere inside)



Source: NYC Community Health Survey, 2010  
Bureau of Epidemiology Services, NYC DOHMH

## Binge Drinking

Percent of adults who had five or more alcoholic beverages on one occasion in the past 30 days

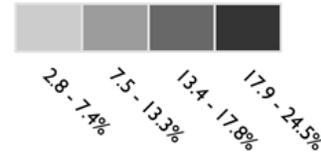


Source: NYC Community Health Survey, 2010  
Bureau of Epidemiology Services, NYC DOHMH

## Smoking Status & Binge Drinking

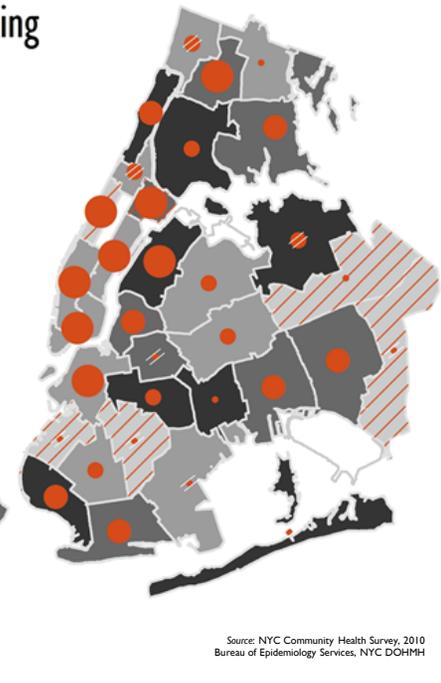
### Smoking Status

Percent of adults who are current smokers



### Binge Drinking

Percent of adults who had five or more alcoholic beverages on one occasion in the past 30 days



Source: NYC Community Health Survey, 2010  
Bureau of Epidemiology Services, NYC DOHMH

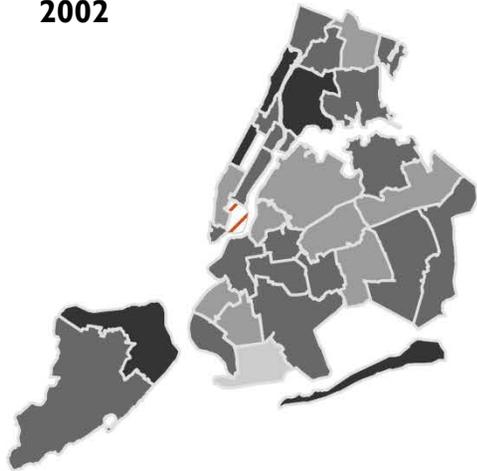


# Smoking Trends: 2002-2010

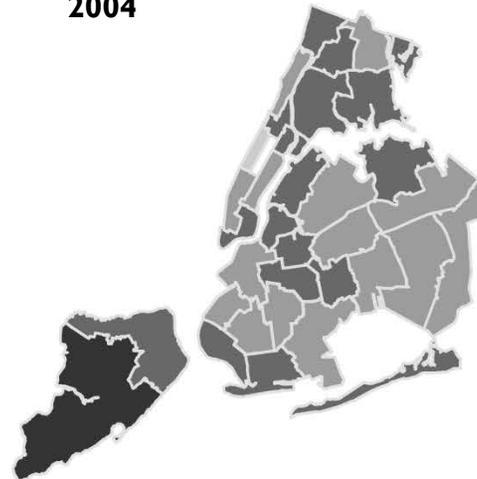
Percent of Adults Who Smoked



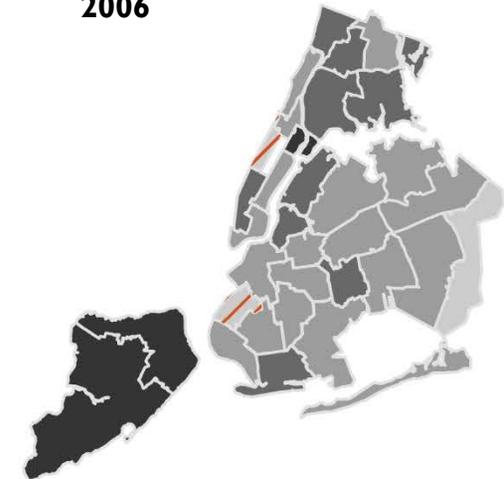
2002



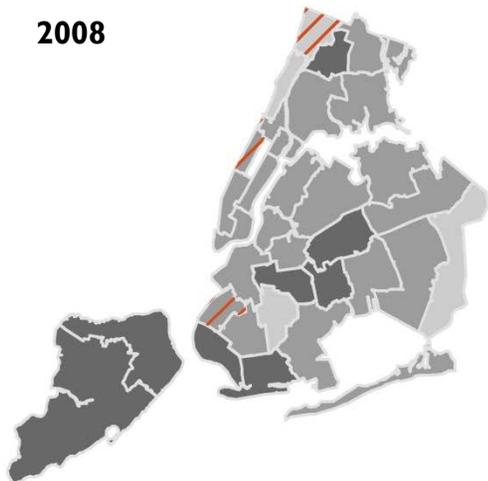
2004



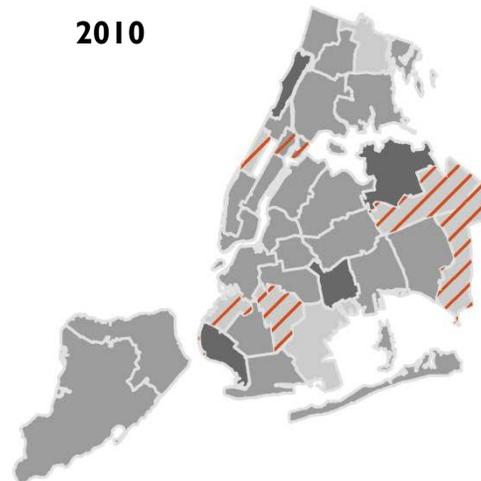
2006



2008



2010



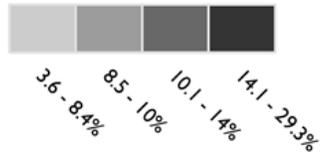
- Smoking is a leading cause of premature preventable death in the United States (US) and New York City (NYC), killing more than 7,000 New Yorkers aged 35 and older annually. It is estimated that about one-third of NYC smokers will die prematurely from a smoking-related illness
- From 2002-2010, the NYC adult smoking prevalence has declined 35%, from 22% to 14%. There are now about 850,000 smokers in NYC, representing 450,000 fewer smokers than 2002, a decrease that could prevent up to 149,000 deaths in the future
- Since 2002, declines in smoking prevalence have been greatest in Staten Island (50% decline) compared with all other boroughs (Bronx: 36% decline, Brooklyn: 29% decline, Manhattan: 39% decline, Queens: 32% decline)

Source: Epi Data Brief: Trends in Cigarette Use among Adults in New York City, 2002-2010. November 2011.  
<http://www.nyc.gov/html/doh/downloads/pdf/epi/databrief12.pdf>

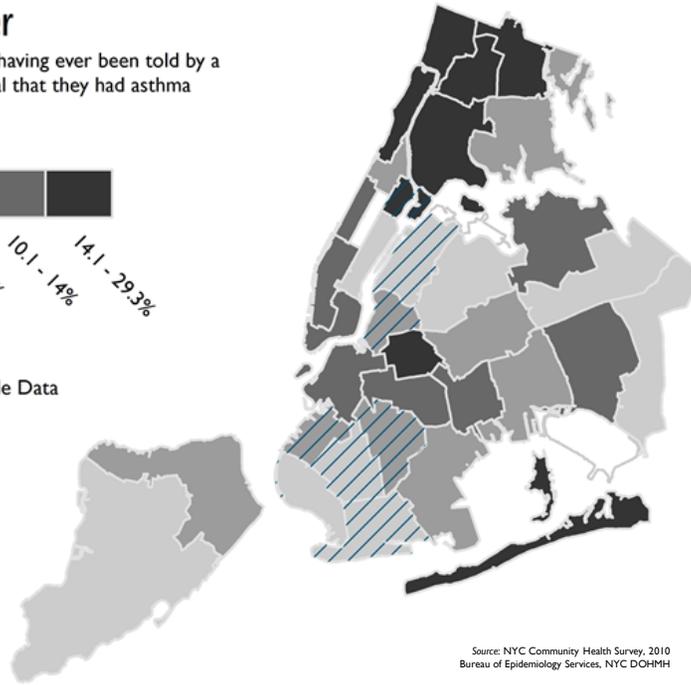


## Asthma Ever

Percent of adults having ever been told by a health professional that they had asthma



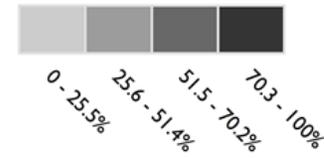
Unreliable Data



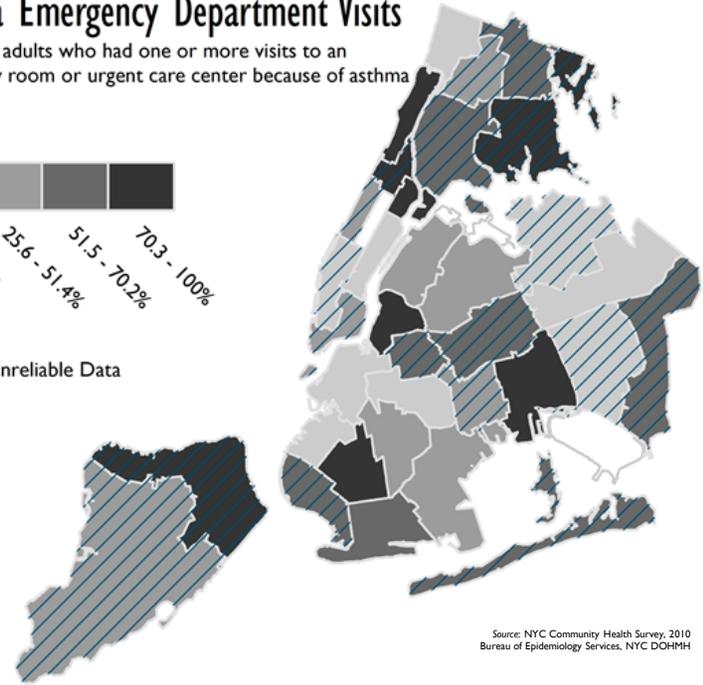
Source: NYC Community Health Survey, 2010  
Bureau of Epidemiology Services, NYC DOHMH

## Asthma Emergency Department Visits

Percent of adults who had one or more visits to an emergency room or urgent care center because of asthma



Unreliable Data

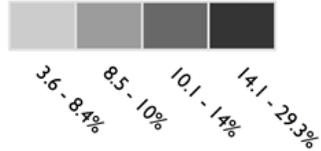


Source: NYC Community Health Survey, 2010  
Bureau of Epidemiology Services, NYC DOHMH

## Asthma & Smoking Status

### Asthma

Percent of adults having ever been told by a health professional that they had asthma

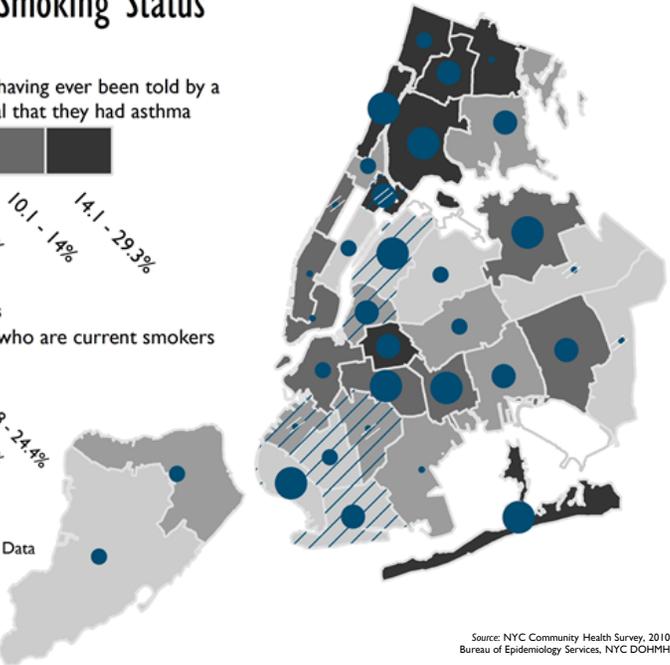


### Smoking Status

Percent of adults who are current smokers



Unreliable Data

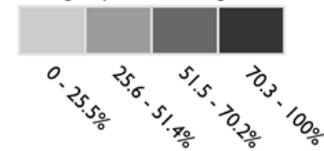


Source: NYC Community Health Survey, 2010  
Bureau of Epidemiology Services, NYC DOHMH

## Asthma ED Visits & No Insurance

### Asthma Emergency Department Visits

Percent of adults who had one or more visits to an emergency room or urgent care center because of asthma

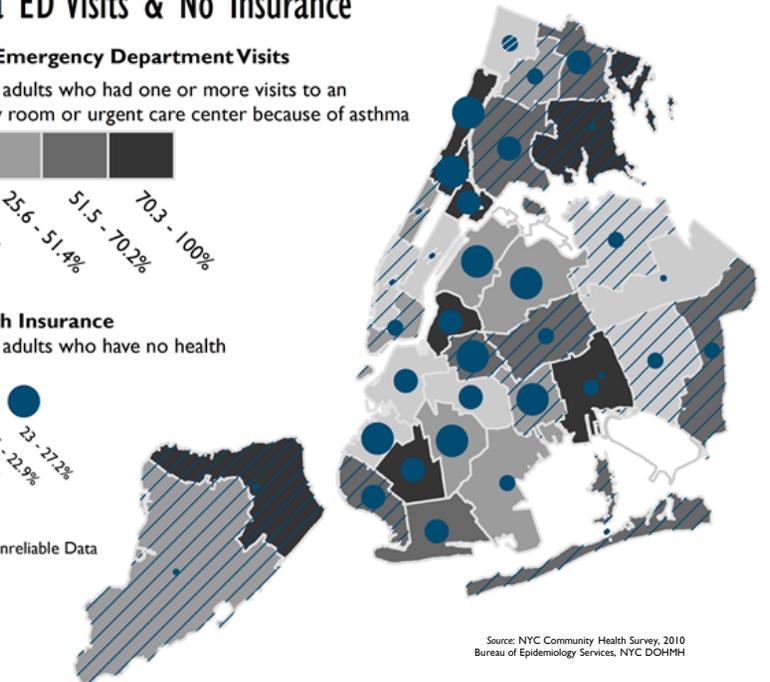


### No Health Insurance

Percent of adults who have no health insurance



Unreliable Data

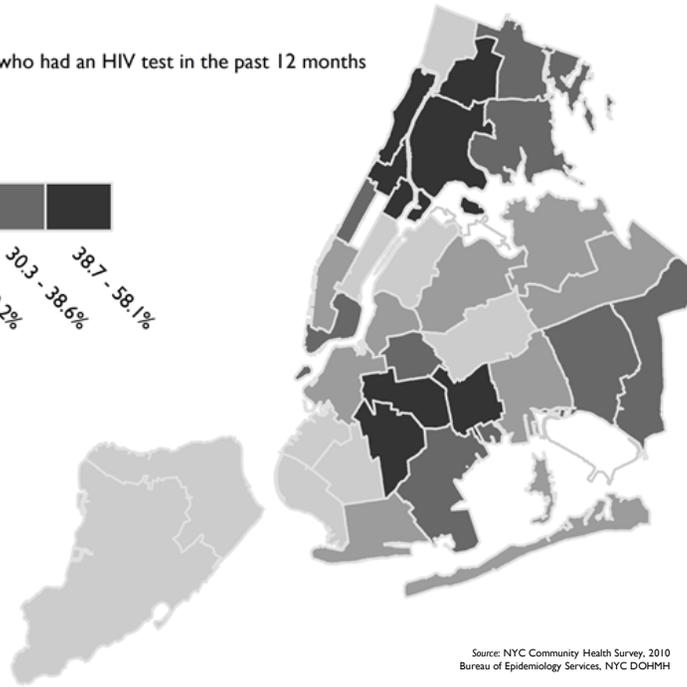
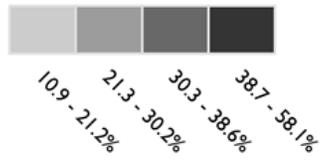


Source: NYC Community Health Survey, 2010  
Bureau of Epidemiology Services, NYC DOHMH



## HIV Testing

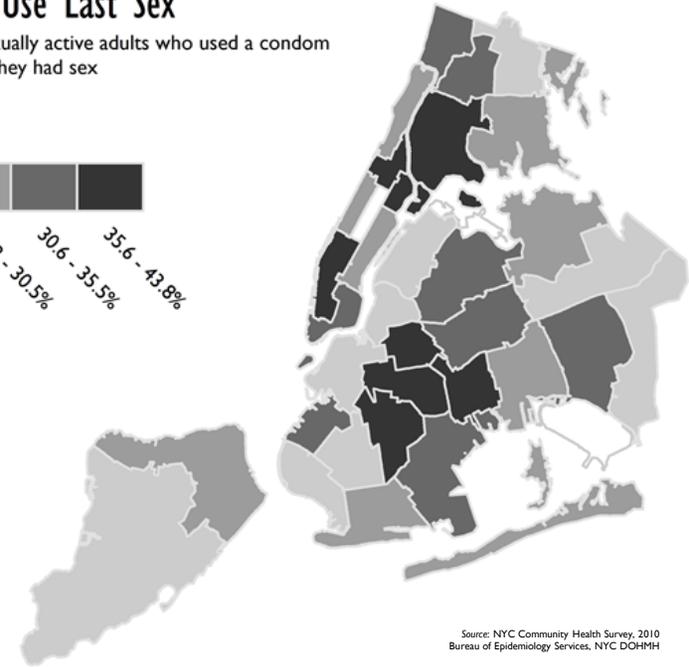
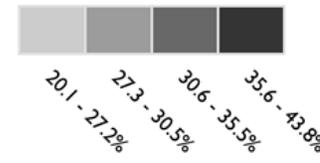
Percent of adults who had an HIV test in the past 12 months



Source: NYC Community Health Survey, 2010  
Bureau of Epidemiology Services, NYC DOHMH

## Condom Use Last Sex

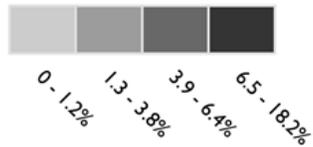
Percent of sexually active adults who used a condom the last time they had sex



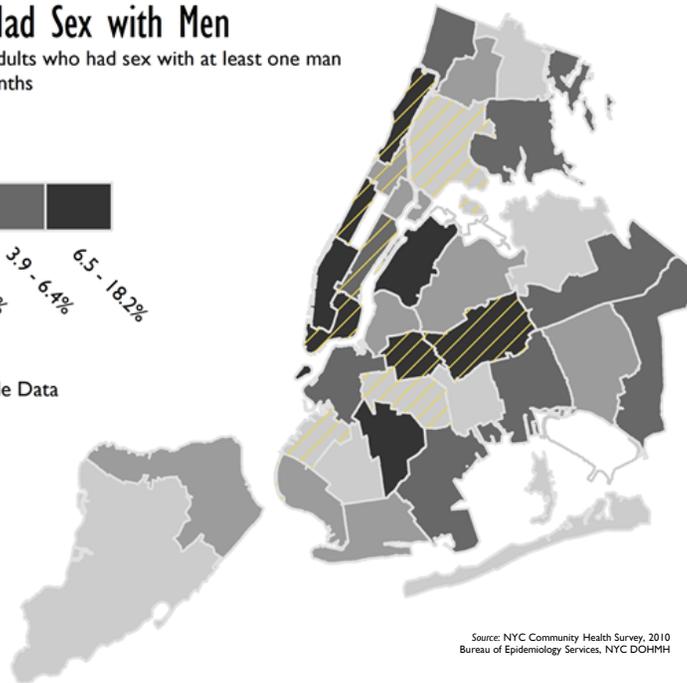
Source: NYC Community Health Survey, 2010  
Bureau of Epidemiology Services, NYC DOHMH

## Men Who Had Sex with Men

Percent of male adults who had sex with at least one man in the past 12 months



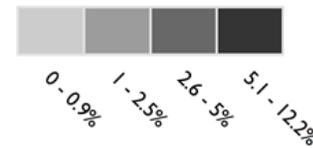
 Unreliable Data



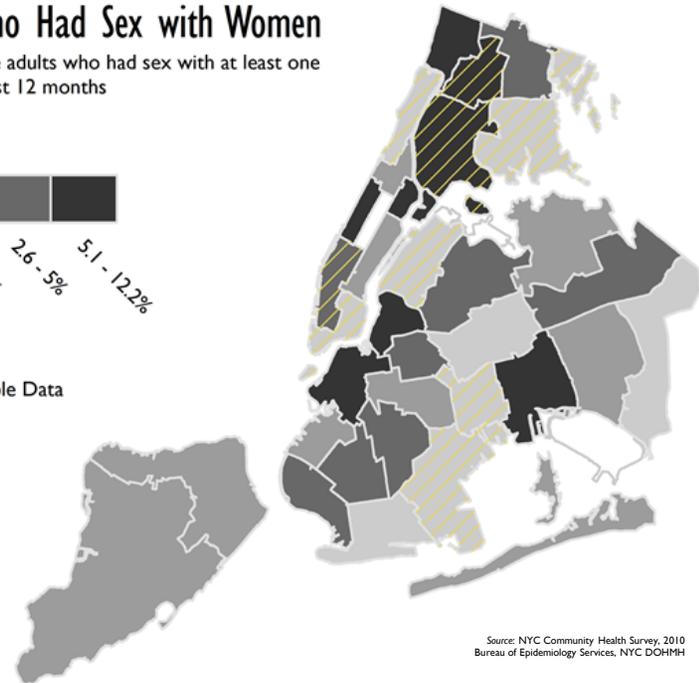
Source: NYC Community Health Survey, 2010  
Bureau of Epidemiology Services, NYC DOHMH

## Women Who Had Sex with Women

Percent of female adults who had sex with at least one woman in the past 12 months



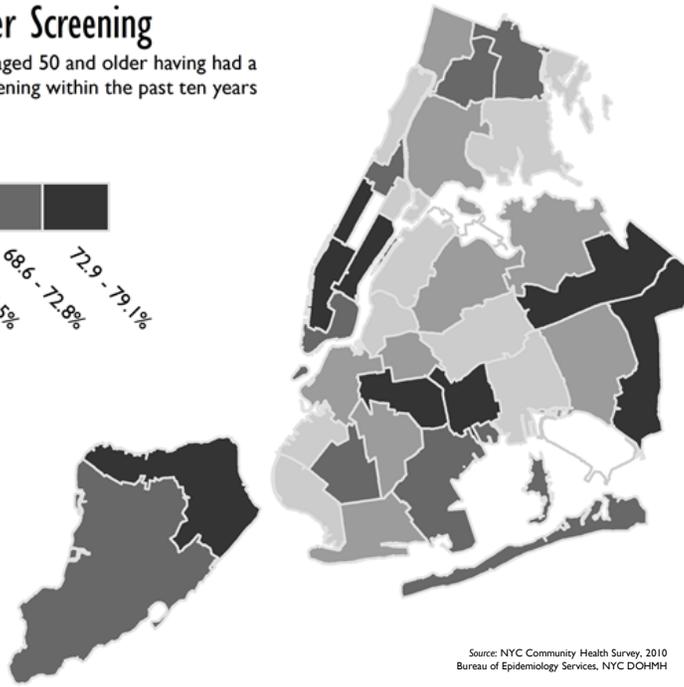
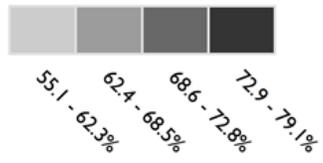
 Unreliable Data



Source: NYC Community Health Survey, 2010  
Bureau of Epidemiology Services, NYC DOHMH

## Colon Cancer Screening

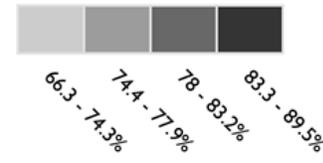
Percent of adults aged 50 and older having had a colon cancer screening within the past ten years



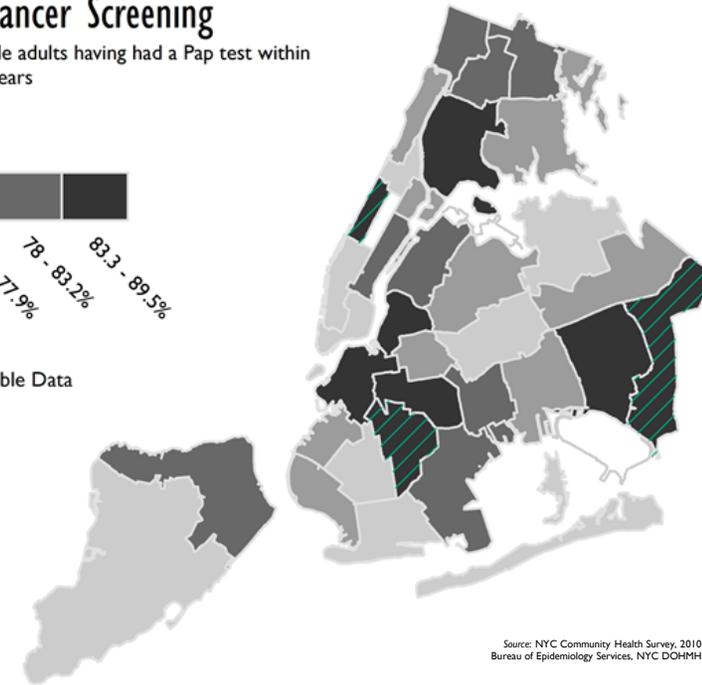
Source: NYC Community Health Survey, 2010  
Bureau of Epidemiology Services, NYC DOHMH

## Cervical Cancer Screening

Percent of female adults having had a Pap test within the past three years



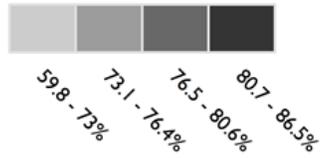
Unreliable Data



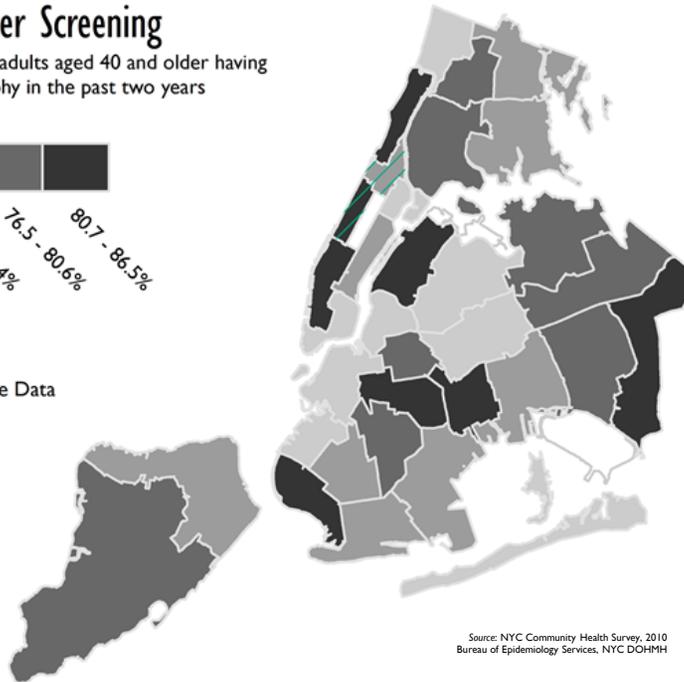
Source: NYC Community Health Survey, 2010  
Bureau of Epidemiology Services, NYC DOHMH

## Breast Cancer Screening

Percent of female adults aged 40 and older having had a mammography in the past two years



Unreliable Data

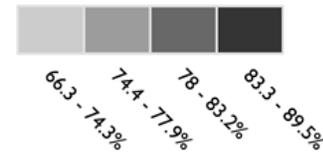


Source: NYC Community Health Survey, 2010  
Bureau of Epidemiology Services, NYC DOHMH

## Cervical & Breast Cancer Screening

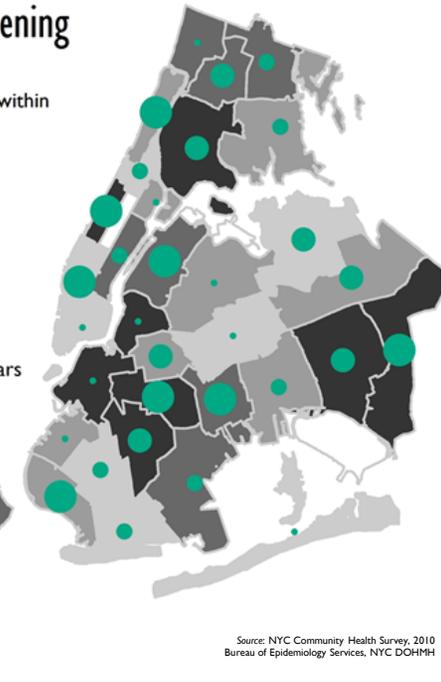
### Cervical Cancer Screening

Percent of female adults having had a Pap test within the past three years



### Breast Cancer Screening

Percent of female adults aged 40 and older having had a mammography in the past two years



Source: NYC Community Health Survey, 2010  
Bureau of Epidemiology Services, NYC DOHMH

# APPENDIX: Community Health Survey Questions

Respondents were given multiple answer options over the phone in the 2010 Community Health Survey; maps only display one possible choice option. Listed below are the questions asked in the 2010 CHS, with the answer choice options in parenthesis. Text in italics represents the data displayed in the Atlas maps.

EXAMPLE **Map** **Question**  
**Add Salt at Table:**  
How often do you add salt to your food at the table? (Always, Most of the Time, Rarely, Never ) **Answer choices**  
*Percent of adults who always/most of the time add salt to the food* **Response displayed on map**

## GENERAL PHYSICAL & MENTAL HEALTH

### Self-Reported Health Status

Would you say that in general your health is Excellent, Very Good, Good, Fair or Poor?  
*Percent of adults reporting Fair or Poor General Health*

### History of Depression

Have you ever been told by a doctor, nurse or other health professional that you have depression? (Yes, No)  
*Percent of adults reporting Yes*

### Mental Health Counseling or Treatment

In the last 12 months, have you received any counseling or taken a prescription medication for a mental health problem? (Yes, No)  
*Percent of adults reporting Yes*

## WEIGHT, EXERCISE, & NUTRITION

### Obesity

(1) About how tall are you without shoes? (Height in feet/inches or meters/centimeters, Refused/Don't Know)  
(2) About how much do you weigh without shoes?  
(Weight in pounds or kilograms, Refused/Don't Know)  
\*Body Mass Index (BMI) was calculated based on percent of adults' self-reported weight and height. A BMI between 25.0 and 29.9 is classified as overweight, and a BMI of 30 or greater is classified as obese.  
*Percent of adults who are Obese*

### Physical Activity

During the past 30 days, other than your regular job, did you participate in any physical activities or exercises such as running, calisthenics, golf, gardening, or walking for exercise? (Yes, No, )  
*Percent of adults reporting Yes*

### Stair Use

How many total floors of stairs do you walk up on an average weekday at home and at work combined? (0 floors per weekday, 1-2 floors per weekday, 3-5 floors per weekday, 6 floors or more per weekday)  
*Responses who walked up at least one floor*

### Any Sugar-Sweetened Beverage Consumption

(1) How often do you drink sugar sweetened soda? Do NOT include diet soda or seltzer. (\_\_\_ per day, \_\_\_ per week, \_\_\_month)  
(2) How often do you drink other sweetened drinks like sweetened iced tea, sports drinks, fruit punch or other fruit-flavored drinks? Do NOT include diet soda, sugar free drinks, or 100% juice. (\_\_\_ per day, \_\_\_ per week, \_\_\_month)  
*Percent of adults who reported any sugar-sweetened beverage consumption per day*

### Distance to Fresh Fruits/Vegetables

If you were to walk from your home to purchase fresh fruits and vegetables, how long would it take you to get there? ( 5 minutes or less, more than 5 minutes but less than 10 minutes, 10 minutes or more)  
*Percent of adults who reported 10 minutes or longer*

### Add Salt at Table

How often do you add salt to your food at the table? (Always, Most of the Time, Rarely, Never)  
*Percent of adults who always/most of the time add salt to the food*

### Self-Reported Healthy Diet

In general, how healthy is your overall diet? ( Excellent, Very Good, Good, Fair, Poor)  
*Percent of adults who reported an excellent diet*

### Walked/Bicycled for Transportation

During the past 30 days, have you walked or bicycled more than 10 blocks as part of getting to and from work, school, public transportation or to do errands? (Yes, No)  
*Percent of adults reporting Yes*

### Rode Bicycle in Past Year

In the past 12 months, how often have you ridden a bicycle in one of the five boroughs of New York City? (several times a month, at least once a month, a few times a year, never)  
*Percent of adults reporting never or physically unable*

## ACCESS TO HEALTH CARE

### Health Insurance

Do you have any kind of health insurance coverage, including private health insurance, prepaid plans such as H-M-Os, or government plans such as Medicare or Medicaid? (Yes, No)  
*Percent of adults reporting No*

### Flu Vaccination

During the past 12 months, have you had a flu shot in your arm or a flu vaccine that was sprayed in your nose? (Yes, No)  
*Percent of adults reporting Yes*

# APPENDIX: Community Health Survey Questions

## CHRONIC CONDITIONS

### High Blood Pressure Ever

Have you ever been told by a doctor, nurse or other health professional that you have hypertension, also called high blood pressure? (Yes, No)

*Percent of adults reporting Yes*

### Current Blood Pressure Medication

Are you currently taking medication for your high blood pressure? (Yes, No)

*Percent of adults reporting Yes*

### Diabetes Ever

Have you ever been told by a doctor, nurse or other health professional that you have diabetes? (Yes, No)

*Percent of adults reporting Yes*

### Cholesterol Screening

About how long has it been since you last had your cholesterol checked? (Less than 12 months ago, 1 year ago but less than 2 years ago, 2 years ago but less than 3 years ago, 3 years ago but less than 5 years ago, 5 or more years ago)

\* Timely cholesterol screening is defined as having a blood cholesterol test in the past 5 years.

*Percent of adults reporting having had their cholesterol checked within the past 5 years*

### High Cholesterol Ever

Have you ever been told by a doctor, nurse or other health professional that your blood cholesterol is high? (Yes, No)

*Percent of adults reporting Yes*

### Current Cholesterol Medication

Are you currently taking medication to lower your high cholesterol? (Yes, No)

*Percent of adults reporting Yes*

## CIGARETTE SMOKING & ALCOHOL

### Smoking Status

Do you now smoke cigarettes every day, some days, or not at all? (every day, some days, not at all)

\* Smoking status is defined as being a current or former smoker or having smoked less than 100 cigarettes ever (never smoker).

*Percent of adults who are current smokers*

### Non-Smokers with Smoke-Free Home Policy

Which statement best describes the rules about smoking inside your home? (smoking is not allowed anywhere inside your home, smoking is allowed in some places or at some times, smoking is allowed anywhere inside the home, there are no rules about smoking inside the home)

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

*Percent of adults reporting being both non-smokers and not allowing smoking in their home*

## HIV TESTING & SEXUAL BEHAVIOR

### HIV Testing

Have you had an HIV test in the last 12 months? (Yes, No)

*Percent of adults reporting Yes*

### Condom Use Last Sex

The last time you had sex, did you use a condom? (Yes, No)

*Percent of adults reporting Yes*

## ASTHMA

### Asthma Ever

Have you ever been told by a doctor, nurse or other health professional that you had asthma? (Yes, No)

*Percent of adults reporting Yes*

## CANCER SCREENING

### Colon Cancer Screening

When was your most recent colonoscopy performed? (Less than 1 year ago, 1 year ago but less than 5 years ago, 5 years ago but less than 10 years ago, 10 or more years ago)

\* Timely colon cancer screening is defined as having had a colonoscopy in the past ten years; results restricted to adults aged 50 and older

*Percent of adults reporting having had a colonoscopy in the past ten years*

### Cervical Cancer Screening

(1) A Pap smear is a test for cancer of the cervix. Have you ever had a Pap smear? (Yes, No)

*Percent of adults reporting Yes*

(2) How long has it been since your last pap smear? (Less than 12 months ago, 1 year ago but less than 2 years ago, 2 years ago but less than 3 years ago, 3 years ago but less than 5 years ago, 5 or more years ago)

\* Timely cervical cancer screening is defined as having had a Pap test in the past three years; results restricted to women

*Percent of adults reporting having had a Pap test in the past three years*

### Breast Cancer Screening

(1) A mammogram is an x-ray of each breast to look for breast cancer. Have you ever had a mammogram? (Yes, No)

*Percent of adults reporting Yes*

(2) How long has it been since your last mammogram? (Less than 12 months ago, 1 year ago but less than 2 years ago, 2 years ago but less than 3 years ago, 3 years ago but less than 5 years ago, 5 or more years ago)

\* Timely breast cancer screening is defined as having had a mammography in the past two years; results restricted to women aged 40 and older

*Percent of adults reporting having had a mammography in the past two years*

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