

# **Neighborhood Change in New York City**

## **A Demographic Perspective**

***Reinventing Older Communities Conference:  
Building Resilient Cities***

**May 9, 2012**

**Philadelphia, PA**

**Joseph Salvo**  
**Population Division**

# New York City's Population Current Status

- 8,391,000 – Going into the 2010 Census
- 8,175,133 (2010 Census Enumeration)
- **8,244,910** as of July 2011 (Census Bureau Population Estimates program)
- CQR Challenge and CCM Program provide information about census errors
- All Censuses have error - likely undercount in the range of 1-2 percent for New York City in the 2010 Census

# Population Change for the 10 Largest Cities in the U.S. 2000 to 2010 Ranked by Population in 2010

Rank	Geographic Area	Total Population		Population Change	
	NYC and <i>Boroughs</i>	2000	2010	2000-2010	
				Number	Percent
<b>1</b>	<b>New York, NY*</b>	<b>8,008,278</b>	<b>8,175,133</b>	<b>166,855</b>	<b>2.1</b>
<b>2</b>	<b>Los Angeles, CA*</b>	<b>3,694,820</b>	<b>3,792,621</b>	<b>97,801</b>	<b>2.7</b>
<b>3</b>	<b>Chicago, IL</b>	<b>2,896,016</b>	<b>2,695,598</b>	<b>-200,418</b>	<b>-6.9</b>
	<i>Brooklyn, NY</i>	<b>2,465,326</b>	<b>2,504,700</b>	<b>39,374</b>	<b>1.6</b>
	<i>Queens, NY*</i>	<b>2,229,379</b>	<b>2,230,722</b>	<b>1,343</b>	<b>0.1</b>
<b>4</b>	<b>Houston, TX*</b>	<b>1,953,631</b>	<b>2,099,451</b>	<b>145,820</b>	<b>7.5</b>
	<i>Manhattan, NY</i>	<b>1,537,195</b>	<b>1,585,873</b>	<b>48,678</b>	<b>3.2</b>
<b>5</b>	<b>Philadelphia, PA</b>	<b>1,517,550</b>	<b>1,526,006</b>	<b>8,456</b>	<b>0.6</b>
<b>6</b>	<b>Phoenix, AZ*</b>	<b>1,321,045</b>	<b>1,445,632</b>	<b>124,587</b>	<b>9.4</b>
	<i>Bronx, NY</i>	<b>1,332,650</b>	<b>1,385,108</b>	<b>52,458</b>	<b>3.9</b>
<b>7</b>	<b>San Antonio, TX*</b>	<b>1,144,646</b>	<b>1,327,407</b>	<b>182,761</b>	<b>16.0</b>
<b>8</b>	<b>San Diego, CA*</b>	<b>1,223,400</b>	<b>1,307,402</b>	<b>84,002</b>	<b>6.9</b>
<b>9</b>	<b>Dallas, TX*</b>	<b>1,188,580</b>	<b>1,197,816</b>	<b>9,236</b>	<b>0.8</b>
<b>10</b>	<b>San Jose, CA*</b>	<b>894,943</b>	<b>945,942</b>	<b>50,999</b>	<b>5.7</b>

\*Achieved population peak in 2010

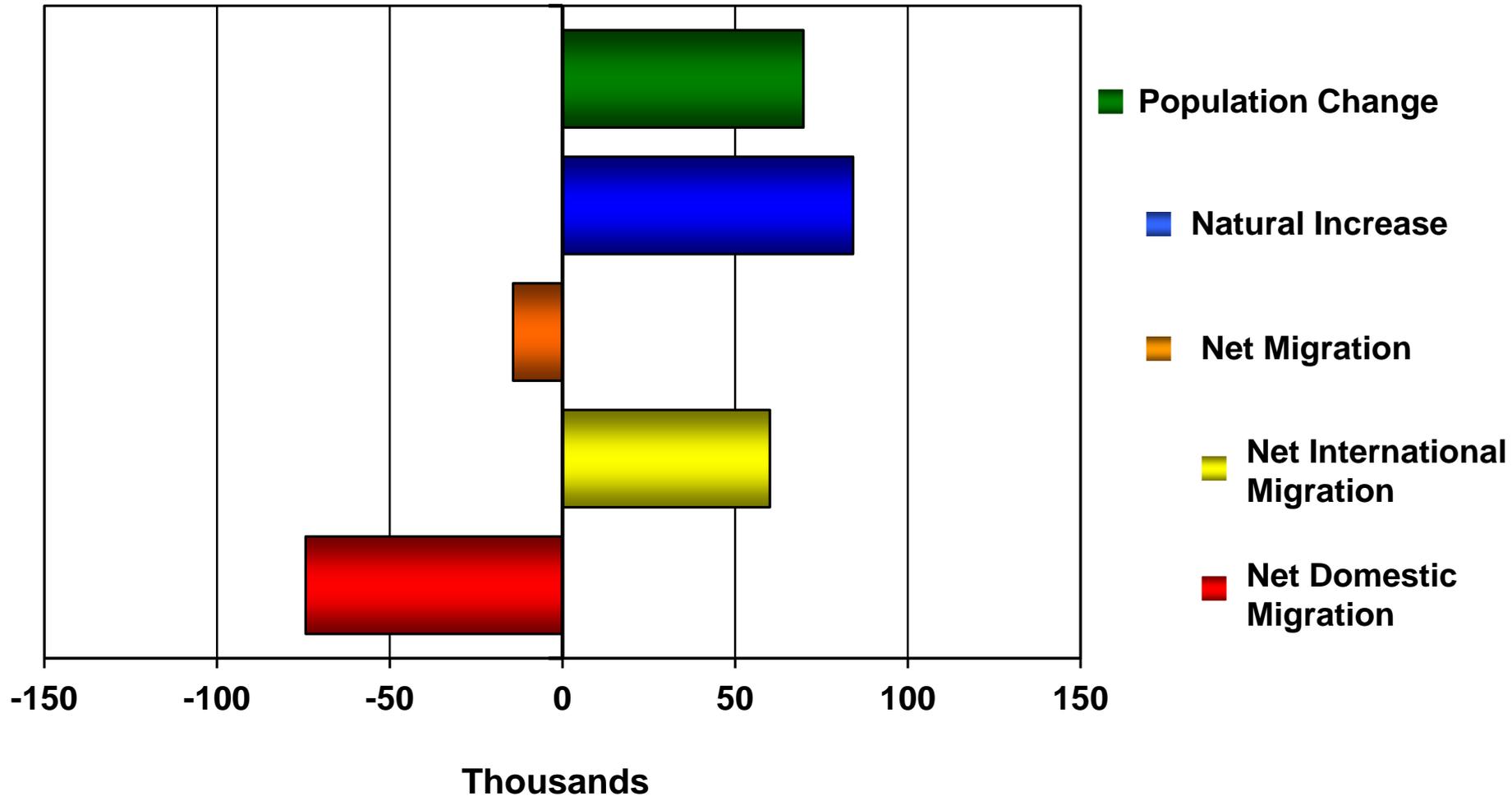
# Population Change

## New York City and Boroughs, 2010-2011

	<u>2010</u>	<u>2011</u>	<u>Change, 2010-2011</u>	
			<u>Number</u>	<u>Percent</u>
<b>New York City</b>	<b>8,175,133</b>	<b>8,244,910</b>	<b>69,777</b>	<b>0.9</b>
<b>Bronx</b>	<b>1,385,108</b>	<b>1,392,002</b>	<b>6,894</b>	<b>0.5</b>
<b>Brooklyn</b>	<b>2,504,700</b>	<b>2,532,645</b>	<b>27,945</b>	<b>1.1</b>
<b>Manhattan</b>	<b>1,585,873</b>	<b>1,601,948</b>	<b>16,075</b>	<b>1.0</b>
<b>Queens</b>	<b>2,230,722</b>	<b>2,247,848</b>	<b>17,126</b>	<b>0.8</b>
<b>Staten Island</b>	<b>468,730</b>	<b>470,467</b>	<b>1,737</b>	<b>0.4</b>

# The Population Dynamic

# Estimated Components of Population Change New York City, 2010-2011



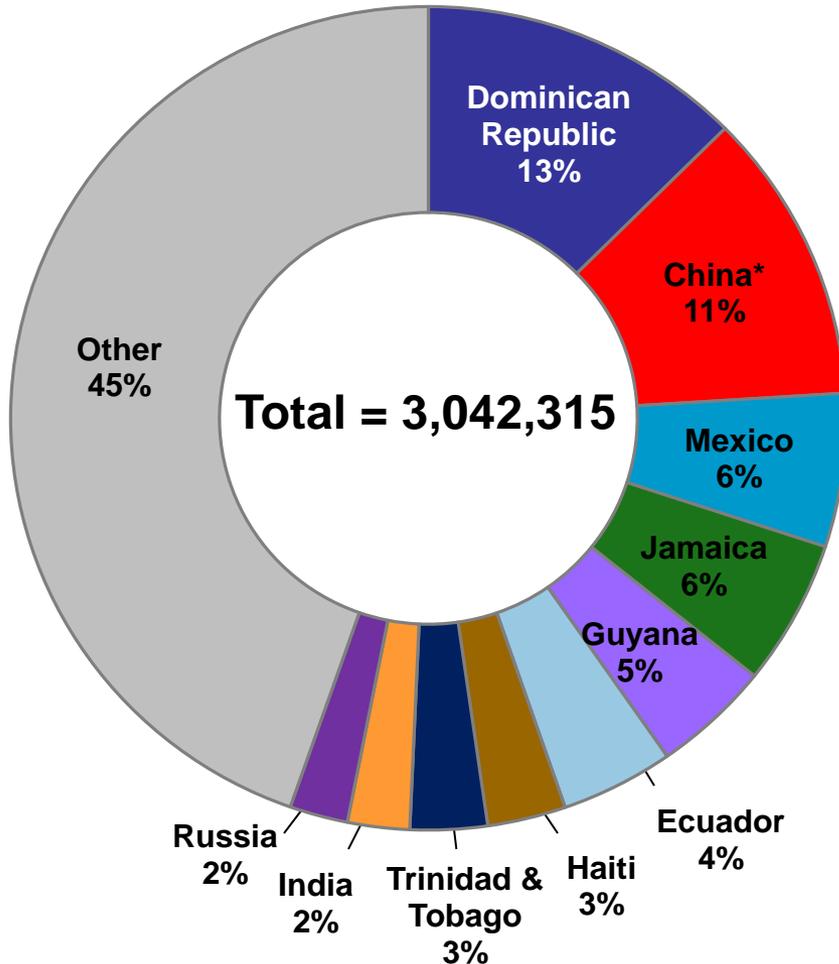
# Births to Foreign-born Mothers New York City, 2010

	<u>Number</u>	<u>Percent</u>
<b>Total births</b>	<b>114,908</b>	<b>100.0</b>
<b>Foreign-born mothers</b>	<b>61,671</b>	<b>53.7</b>
<b>Dominican Republic</b>	<b>7,635</b>	<b>6.6</b>
<b>Mexico</b>	<b>7,378</b>	<b>6.4</b>
<b>China*</b>	<b>7,144</b>	<b>6.2</b>
<b>Jamaica</b>	<b>2,947</b>	<b>2.6</b>
<b>Ecuador</b>	<b>2,905</b>	<b>2.5</b>
<b>Guyana</b>	<b>1,921</b>	<b>1.7</b>
<b>Bangladesh</b>	<b>1,755</b>	<b>1.5</b>
<b>Haiti</b>	<b>1,522</b>	<b>1.3</b>
<b>Trinidad &amp; Tobago</b>	<b>1,440</b>	<b>1.3</b>
<b>Pakistan</b>	<b>1,263</b>	<b>1.1</b>
<b>India</b>	<b>1,250</b>	<b>1.1</b>

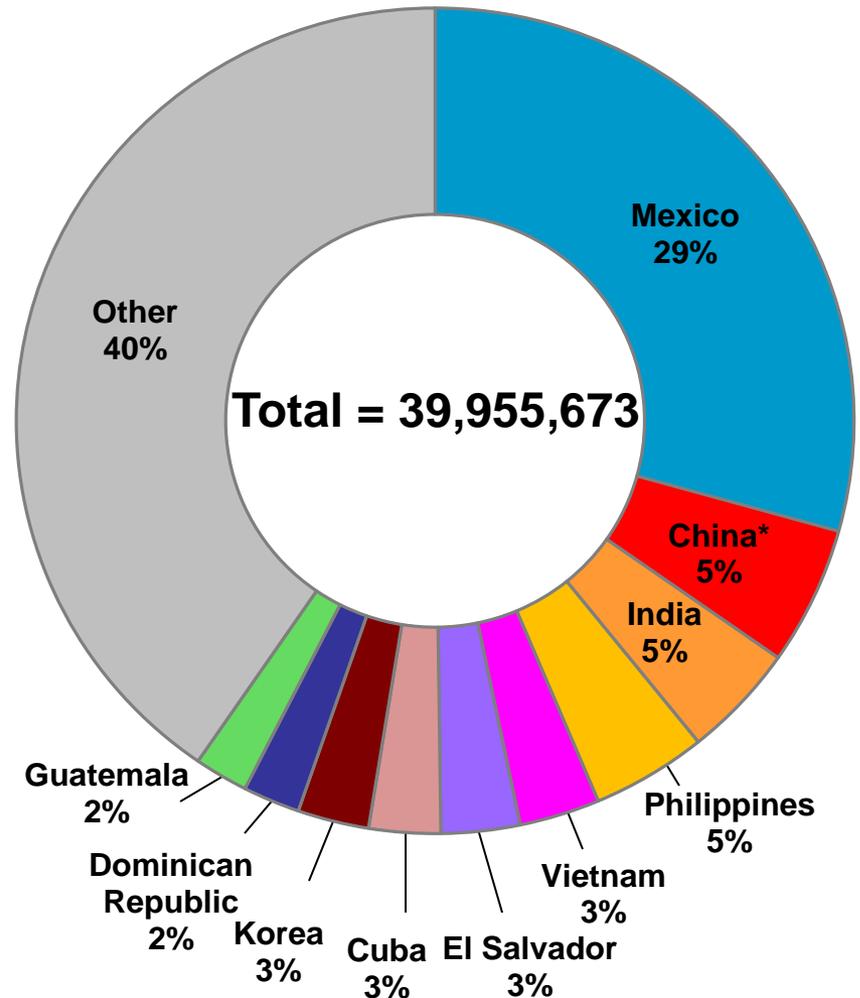
\* Includes Hong Kong and Taiwan

# Top Countries of Birth for the Foreign-born New York City and United States, 2010

## New York City



## United States

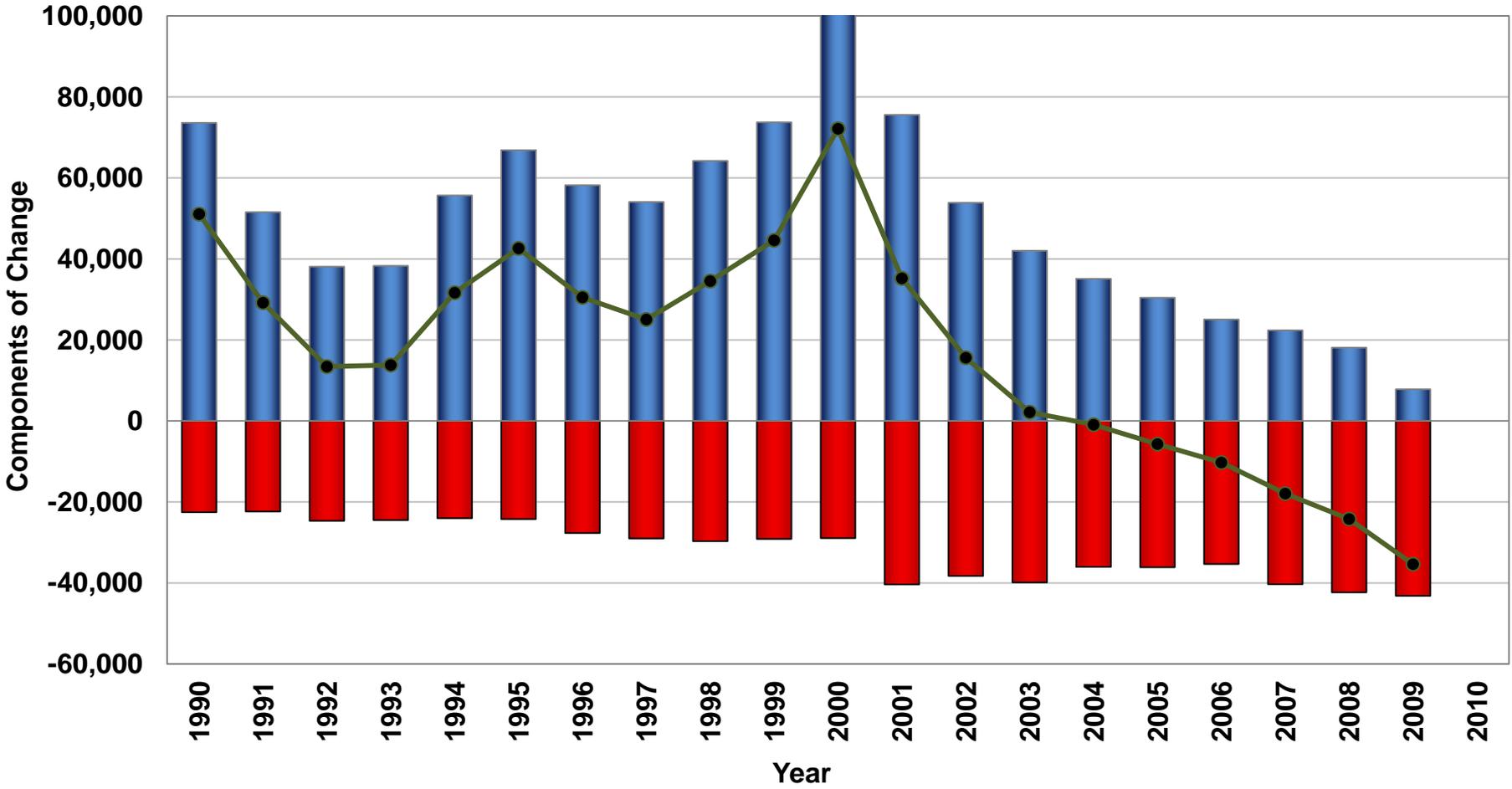


\* Includes Hong Kong and Taiwan

# Figure 7. Annual Estimates of the Unauthorized Population and Components of Change, New York State, 1990 to 2010

Total Unauthorized Population (thousands)

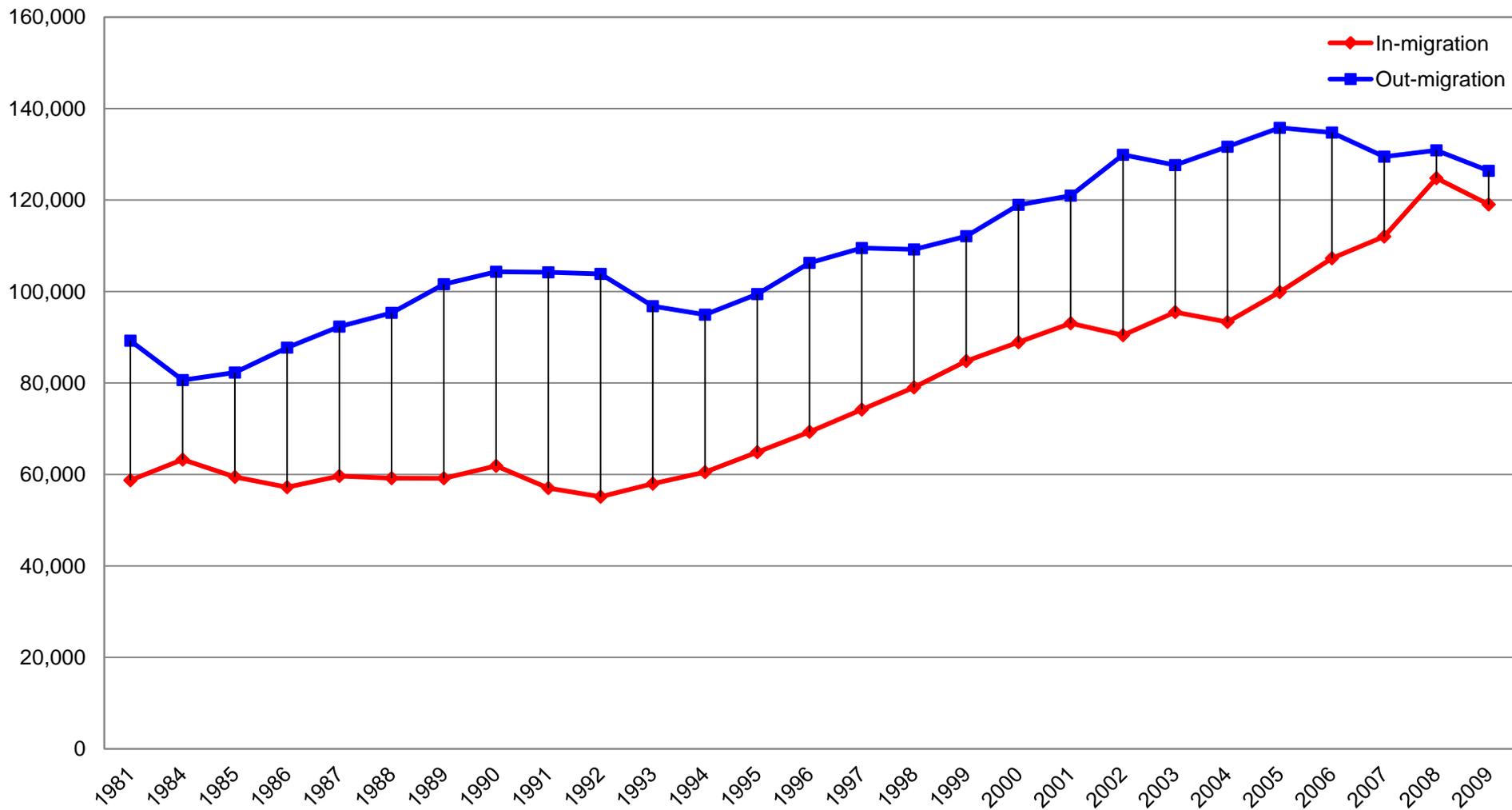
358 409 438 452 465 497 540 570 595 630 674 746 782 797 799 798 793 782 765 740 705



Arrived Departed Net Change

Source: Robert Warren, Unpublished estimates  
Population Division-New York City Department of City Planning

# Migration Patterns for Persons Filing Tax Returns New York City, 1981-2009

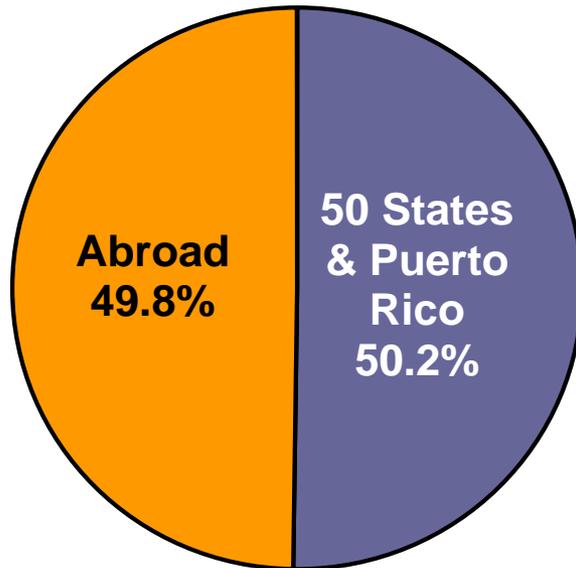


Migration data are based on year-to-year address changes reported on individual income tax returns filed with the IRS.

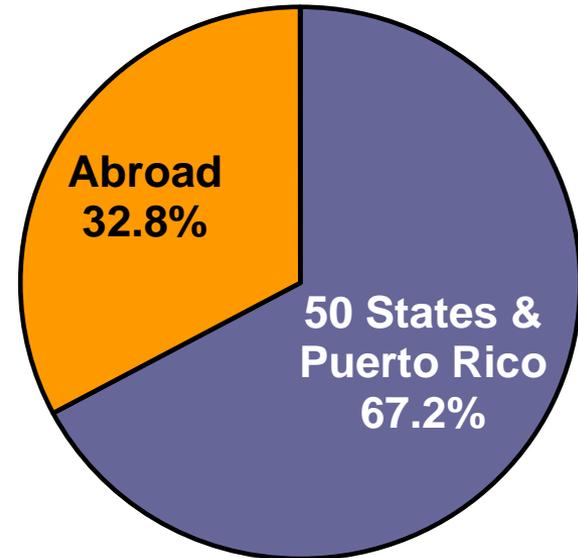
Source: Statistics of Income Division, Internal Revenue Service  
Population Division-New York City Department of City Planning

# Changing Origins of In-migrants to New York City, 1995-2000 and 2008-2010

**1995-2000**



**2008-2010**



On the Ground:  
Demographic Patterns in  
the City's Neighborhoods

# Neighborhood Tabulation Areas\* New York City, 2010



\* Neighborhood Tabulation Areas or NTAs, are aggregations of census tracts that are subsets of New York City's 55 Public Use Microdata Areas (PUMAs). Primarily due to these constraints, NTA boundaries and their associated names may not definitively represent neighborhoods.

# Population Growth by Race/Hispanic Origin New York City, 2000-2010

Percent  
Change =

**-2.8**

**8.1**

**-5.1**

**31.8**

3,000,000

2,500,000

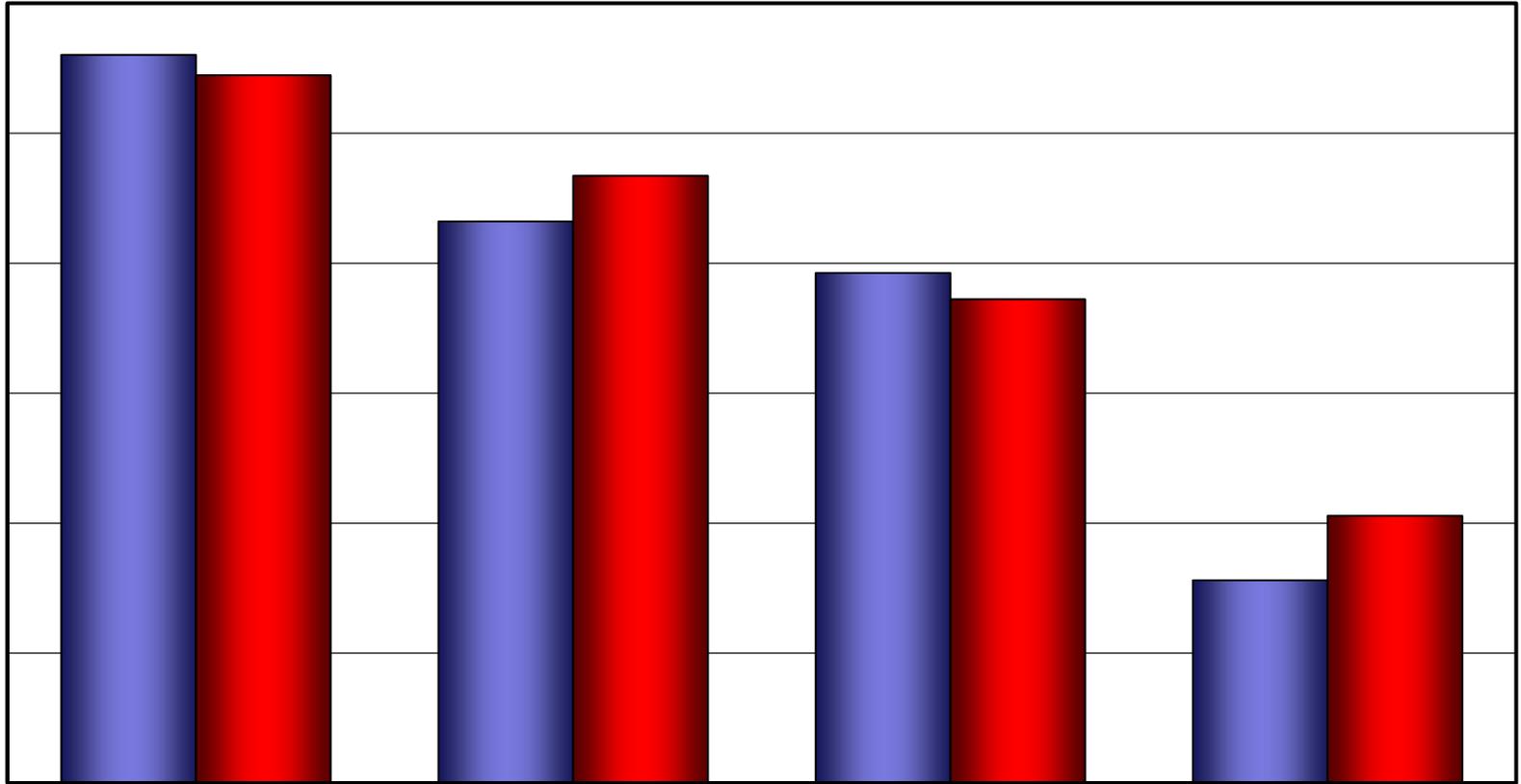
2,000,000

1,500,000

1,000,000

500,000

0



White nonhispanic

Hispanic

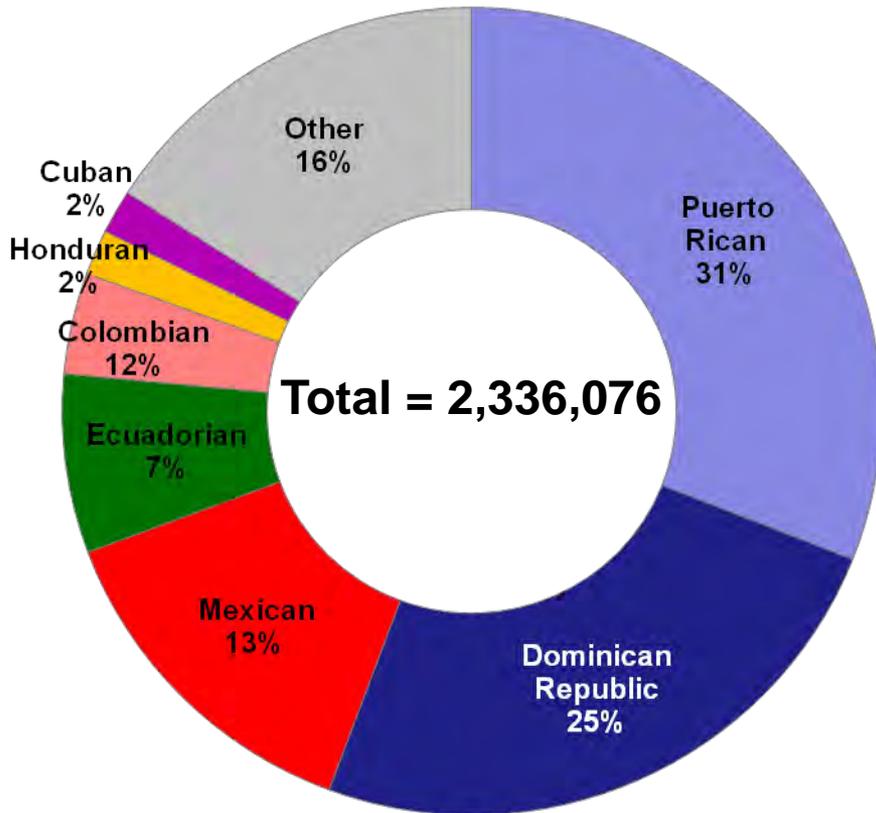
Black nonhispanic

Asian nonhispanic

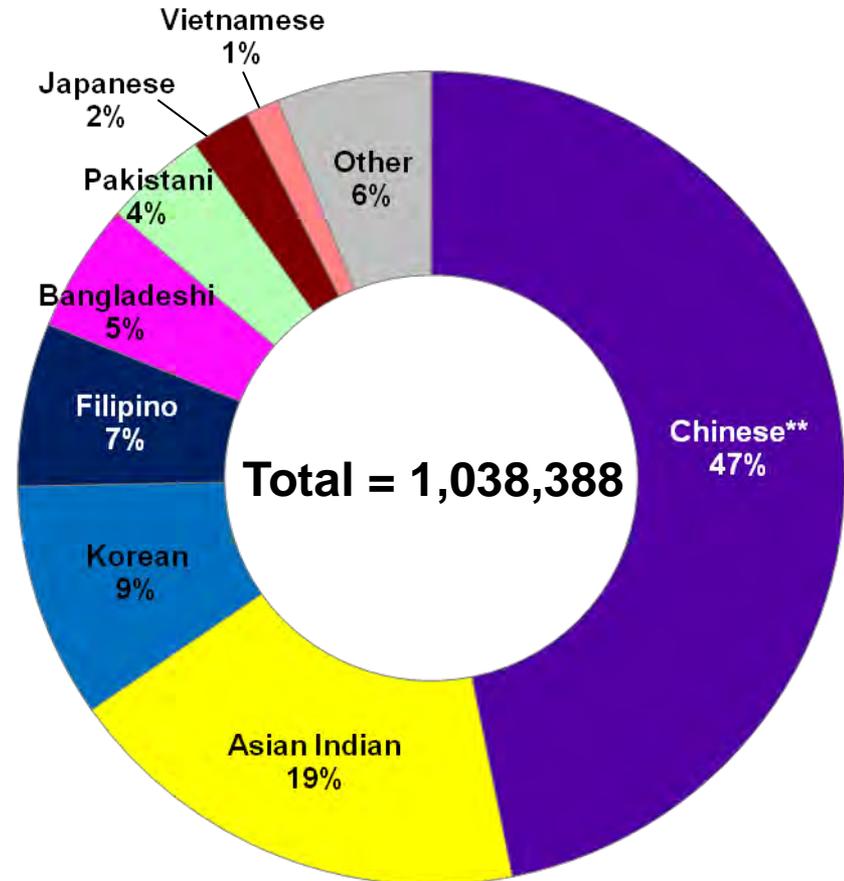
■ 2000 ■ 2010

# Hispanic and Asian Subgroups New York City, 2010

## Hispanic



## Asian\*

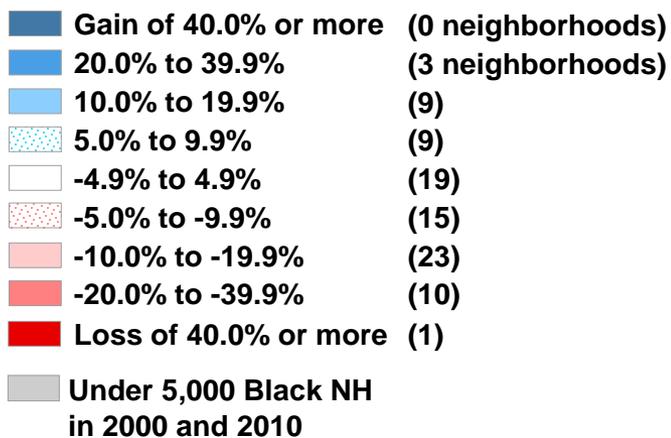


\*Includes a small number of Asians who are of Hispanic origin.

\*\* Includes Taiwanese

# Percent Change in the Black Nonhispanic Population by Neighborhood Tabulation Area\* New York City, 2000 to 2010

## Percent Change



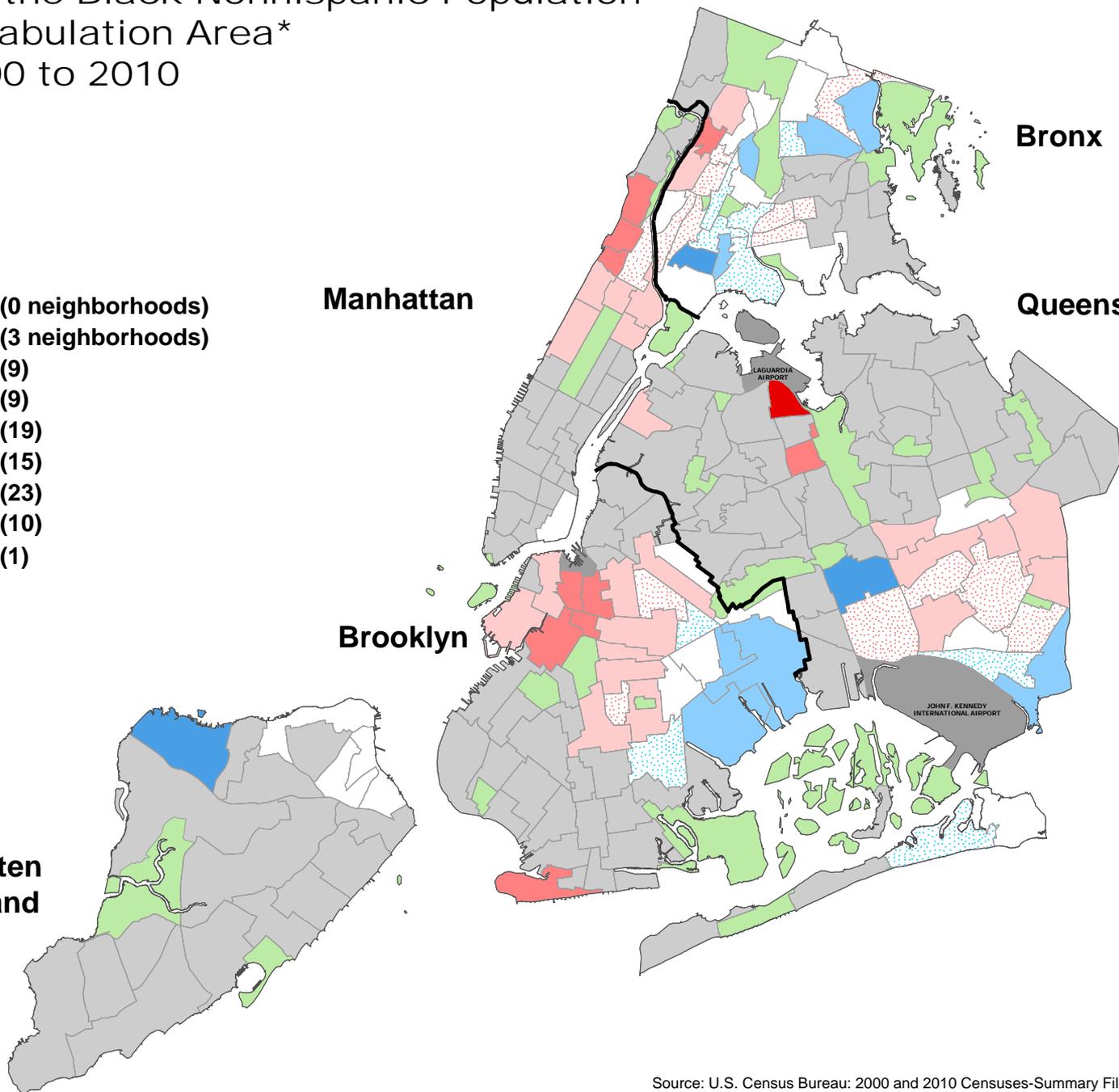
**Staten Island**

**Manhattan**

**Brooklyn**

**Bronx**

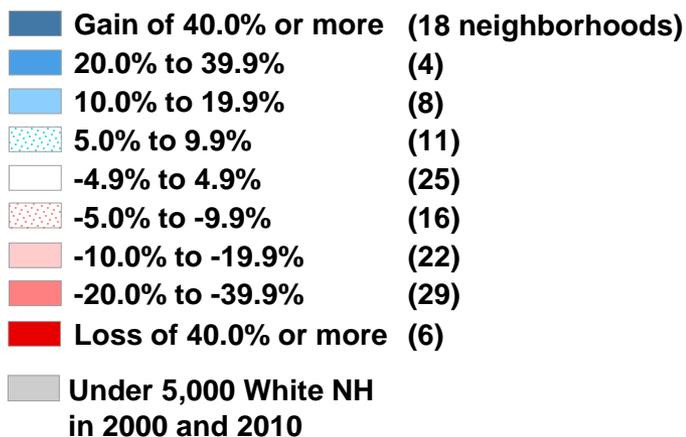
**Queens**



\* Neighborhood Tabulation Areas or NTAs, are aggregations of census tracts that are subsets of New York City's 55 Public Use Microdata Areas (PUMAs). Primarily due to these constraints, NTA boundaries and their associated names may not definitively represent neighborhoods.

# Percent Change in the White Nonhispanic Population by Neighborhood Tabulation Area\* New York City, 2000 to 2010

## Percent Change



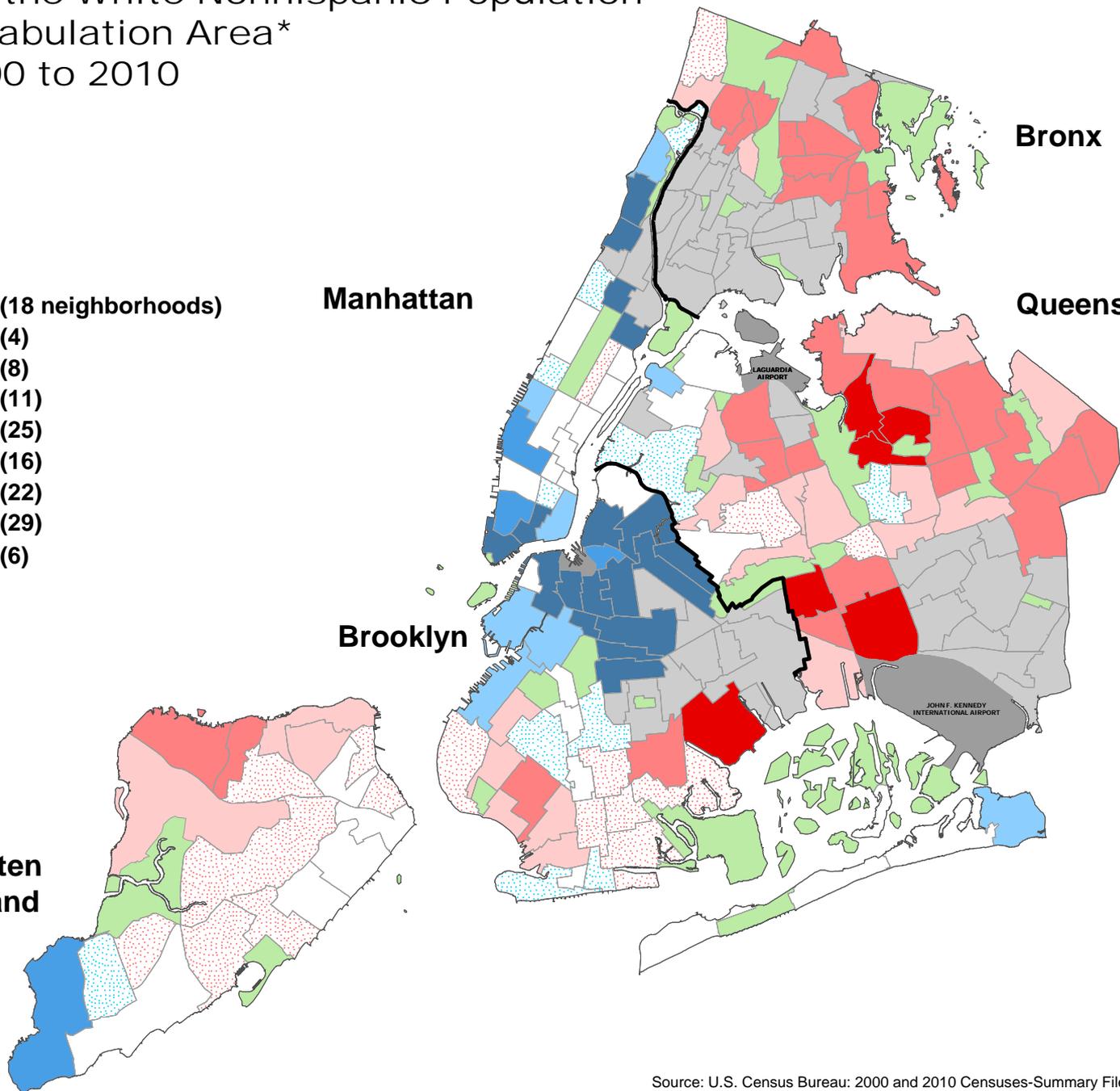
**Staten  
Island**

**Manhattan**

**Brooklyn**

**Bronx**

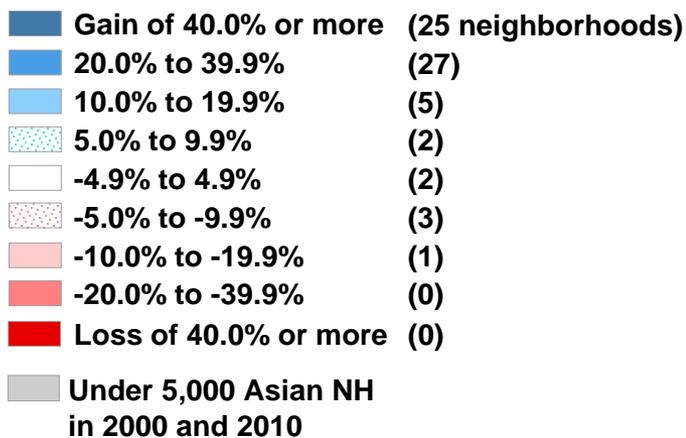
**Queens**



\* Neighborhood Tabulation Areas or NTAs, are aggregations of census tracts that are subsets of New York City's 55 Public Use Microdata Areas (PUMAs). Primarily due to these constraints, NTA boundaries and their associated names may not definitively represent neighborhoods.

# Percent Change in the Asian Nonhispanic Population by Neighborhood Tabulation Area\* New York City, 2000 to 2010

## Percent Change



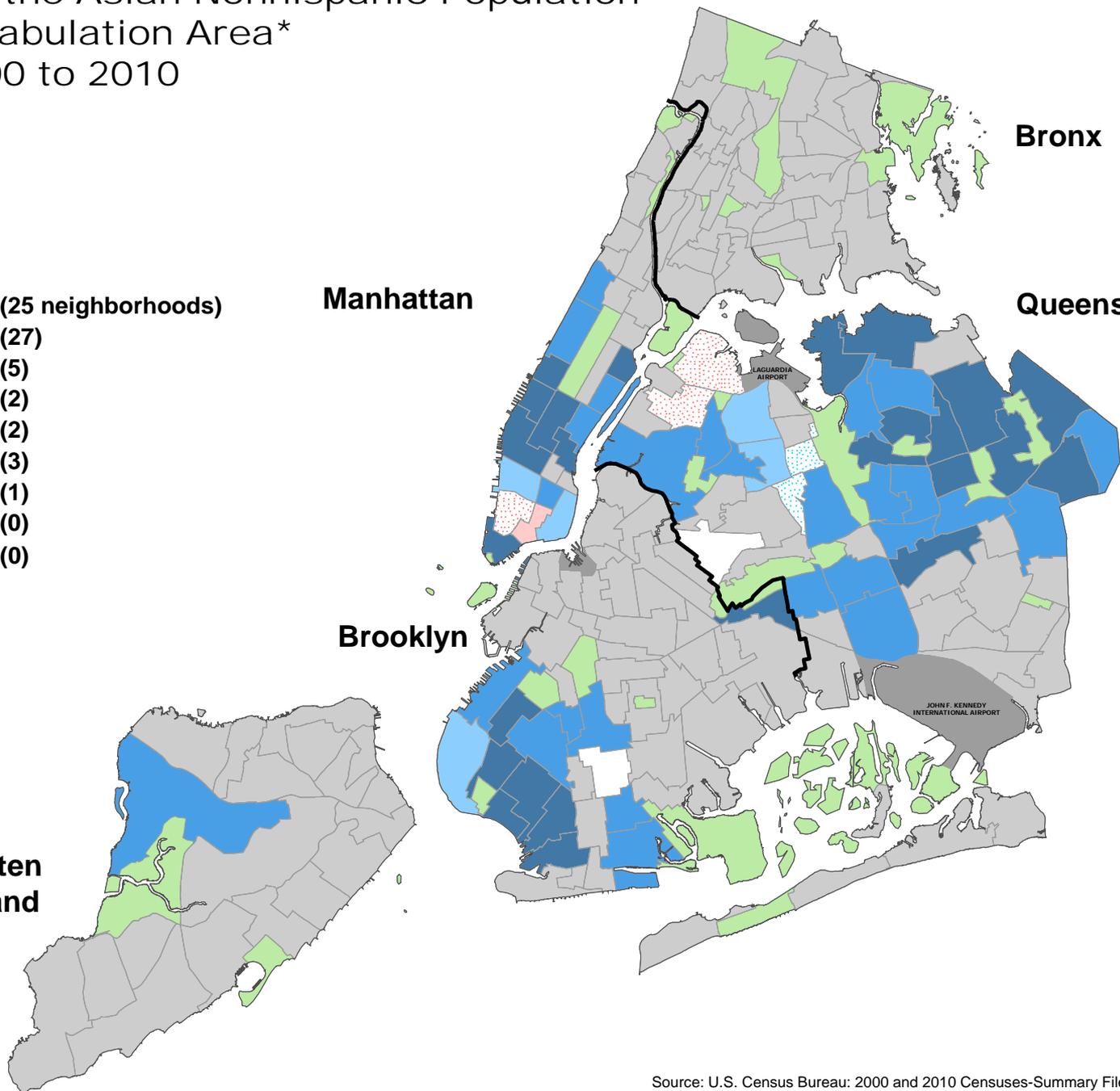
**Staten Island**

**Manhattan**

**Brooklyn**

**Bronx**

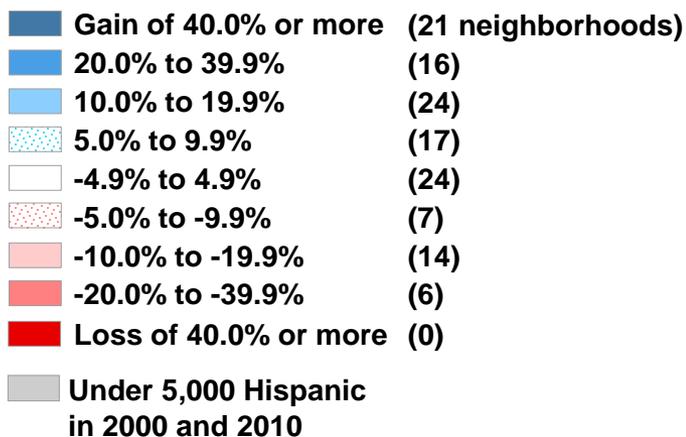
**Queens**



\* Neighborhood Tabulation Areas or NTAs, are aggregations of census tracts that are subsets of New York City's 55 Public Use Microdata Areas (PUMAs). Primarily due to these constraints, NTA boundaries and their associated names may not definitively represent neighborhoods.

# Percent Change in the Hispanic Population by Neighborhood Tabulation Area\* New York City, 2000 to 2010

## Percent Change



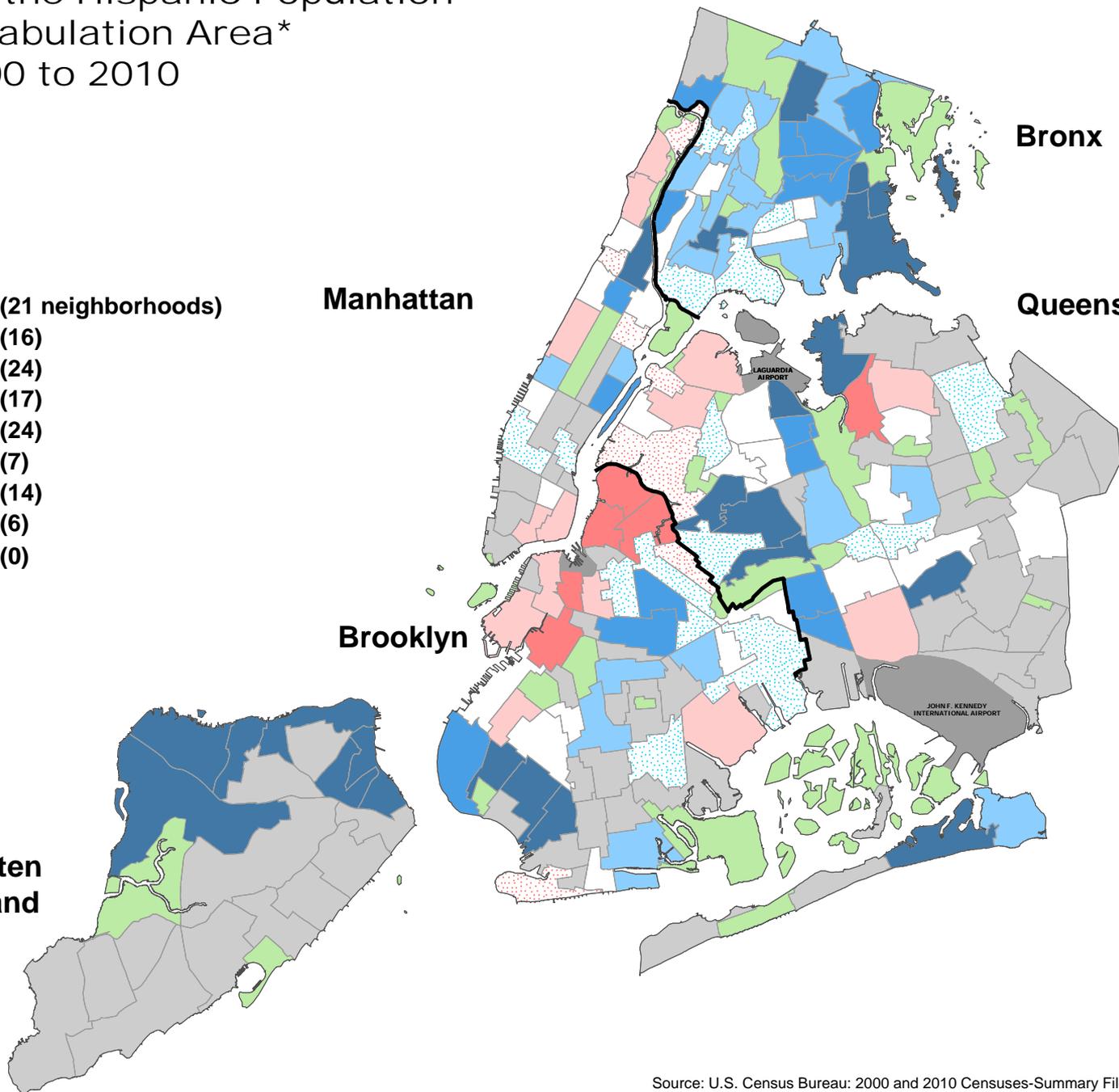
**Staten  
Island**

**Manhattan**

**Brooklyn**

**Bronx**

**Queens**



\* Neighborhood Tabulation Areas or NTAs, are aggregations of census tracts that are subsets of New York City's 55 Public Use Microdata Areas (PUMAs). Primarily due to these constraints, NTA boundaries and their associated names may not definitively represent neighborhoods.

# Population Challenges and Issues

# Population by Borough New York City, 2007 and 2030

**New York City**  
**2007: 8,274,527**  
**2030: 9,119,811**

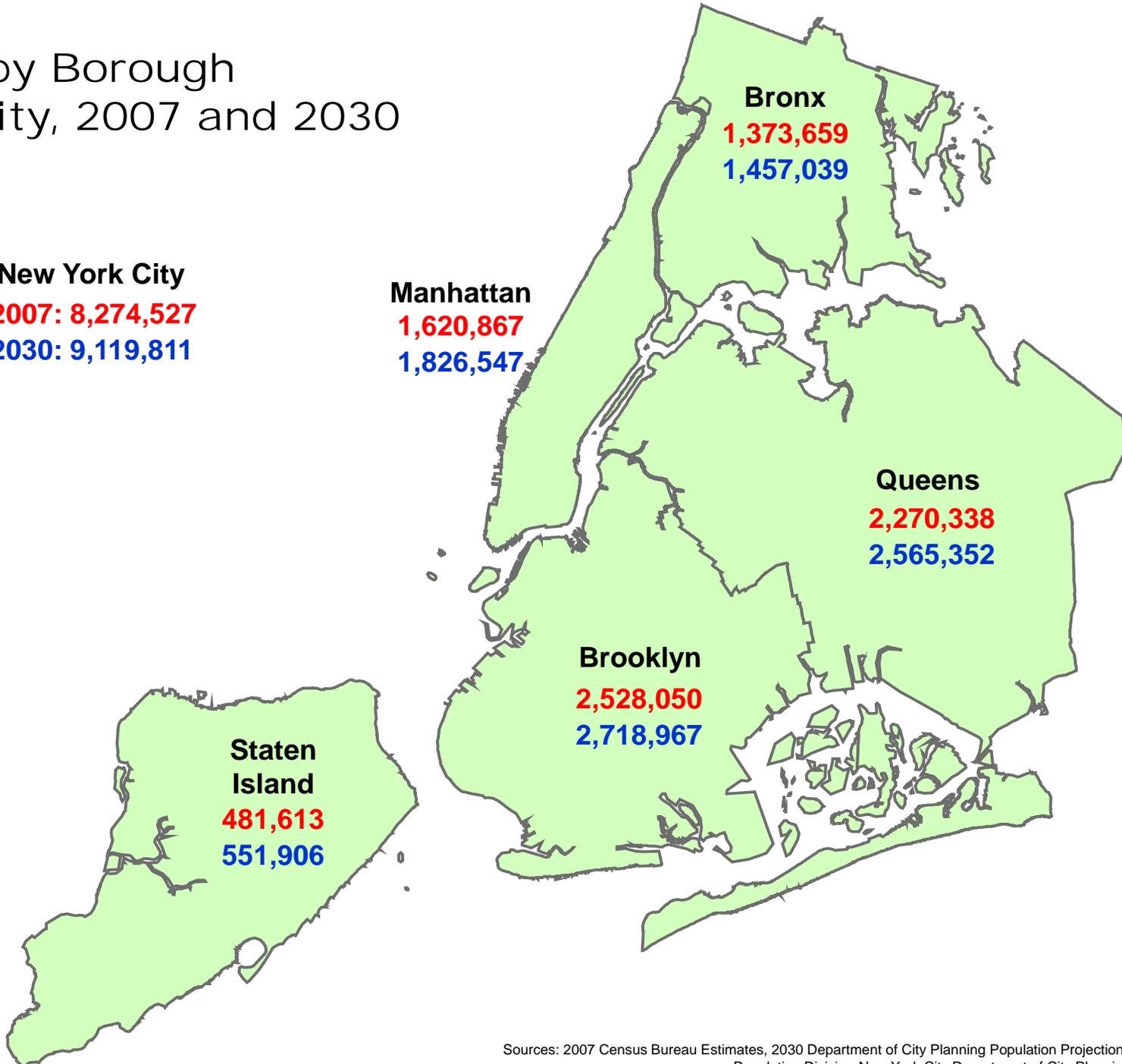
**Manhattan**  
**1,620,867**  
**1,826,547**

**Bronx**  
**1,373,659**  
**1,457,039**

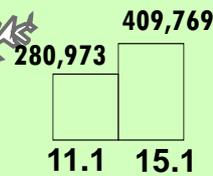
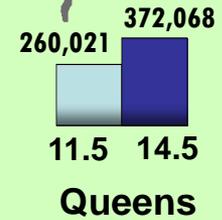
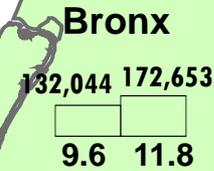
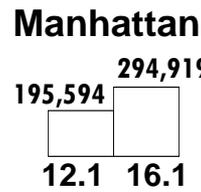
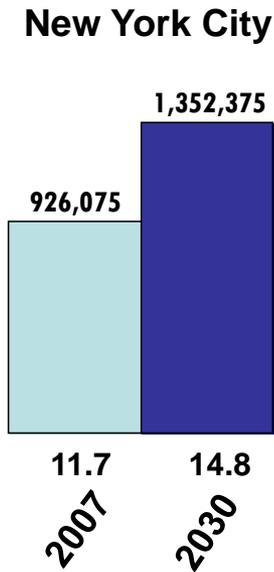
**Queens**  
**2,270,338**  
**2,565,352**

**Brooklyn**  
**2,528,050**  
**2,718,967**

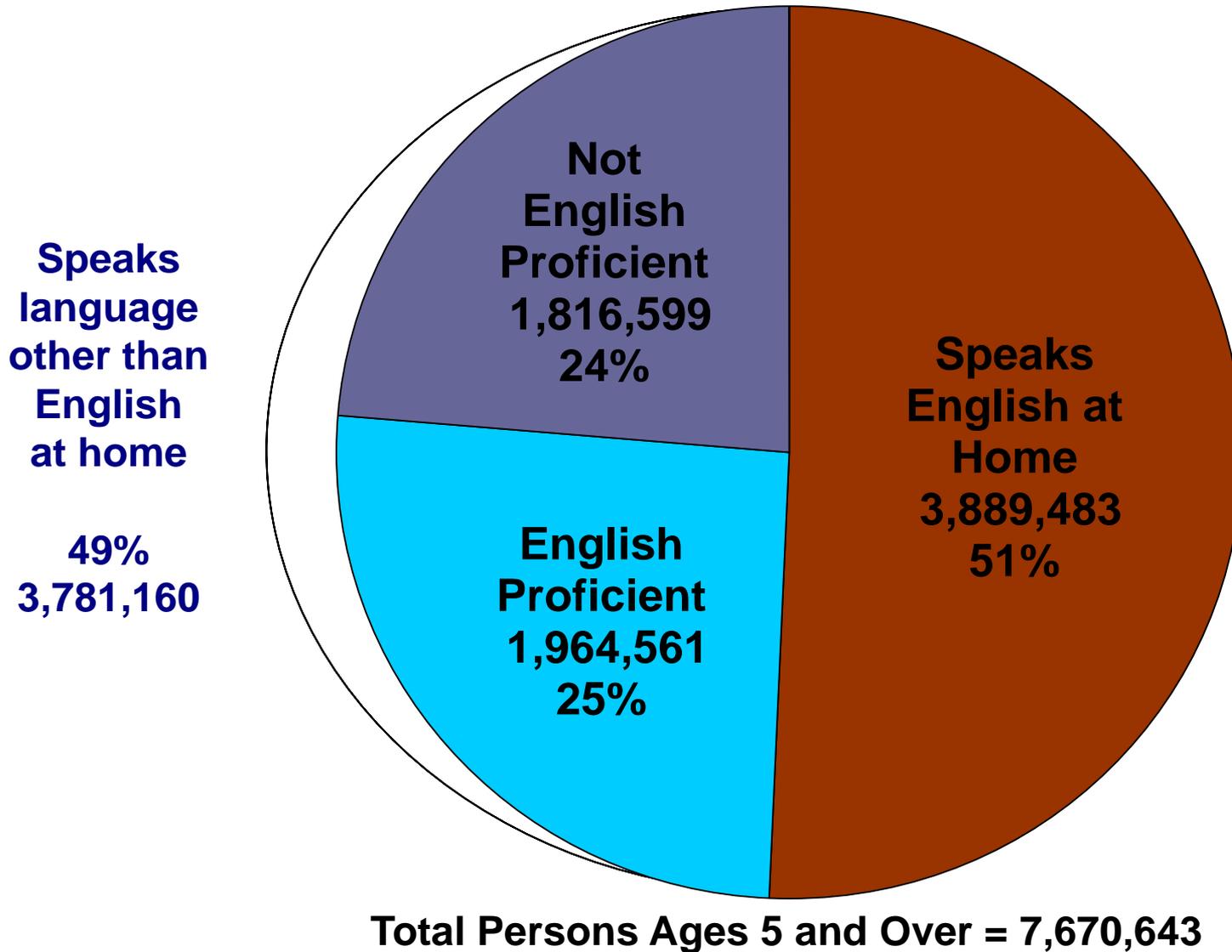
**Staten  
Island**  
**481,613**  
**551,906**



# New York City's Elderly, by Borough, 2007 and 2030



# Persons by English Language Ability New York City, 2010



# Limited English Proficient Population by Language Spoken at Home New York City, 2010

	<u>Number</u>	<u>Percent</u>
<b>Total LEP</b>	<b>1,816,599</b>	<b>100.0</b>
<b>Top LEP Languages</b>		
Spanish	915,742	50.4
Chinese*	299,560	16.5
Russian	113,943	6.3
French Creole	48,501	2.7
Korean	47,201	2.6
Italian	39,076	2.2
Bengali	38,714	2.1
Polish	29,928	1.6
Yiddish	29,768	1.6
Arabic	26,607	1.5

\* Includes Chinese, Cantonese, Mandarin, and Formosan



# Percent Population without Health Insurance Coverage by PUMA New York City, 2008-2010

## Percent



**Staten  
Island**

**Brooklyn**

**Manhattan**

**Bronx**

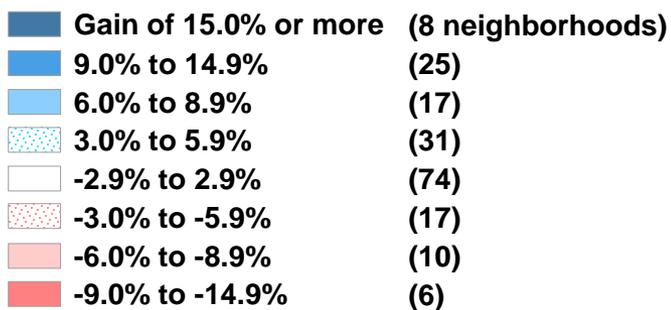
**Queens**

# Data Links

- DCP Population Division Web site:  
[www.nyc.gov/population](http://www.nyc.gov/population)
- New York City Census FactFinder:  
<http://gis.nyc.gov/dcp/pa/address.jsp>
- Census Bureau Web site:  
[www.census.gov](http://www.census.gov)

# Percent Change in Population by Neighborhood Tabulation Area\* New York City, 2000 to 2010

## Percent Change



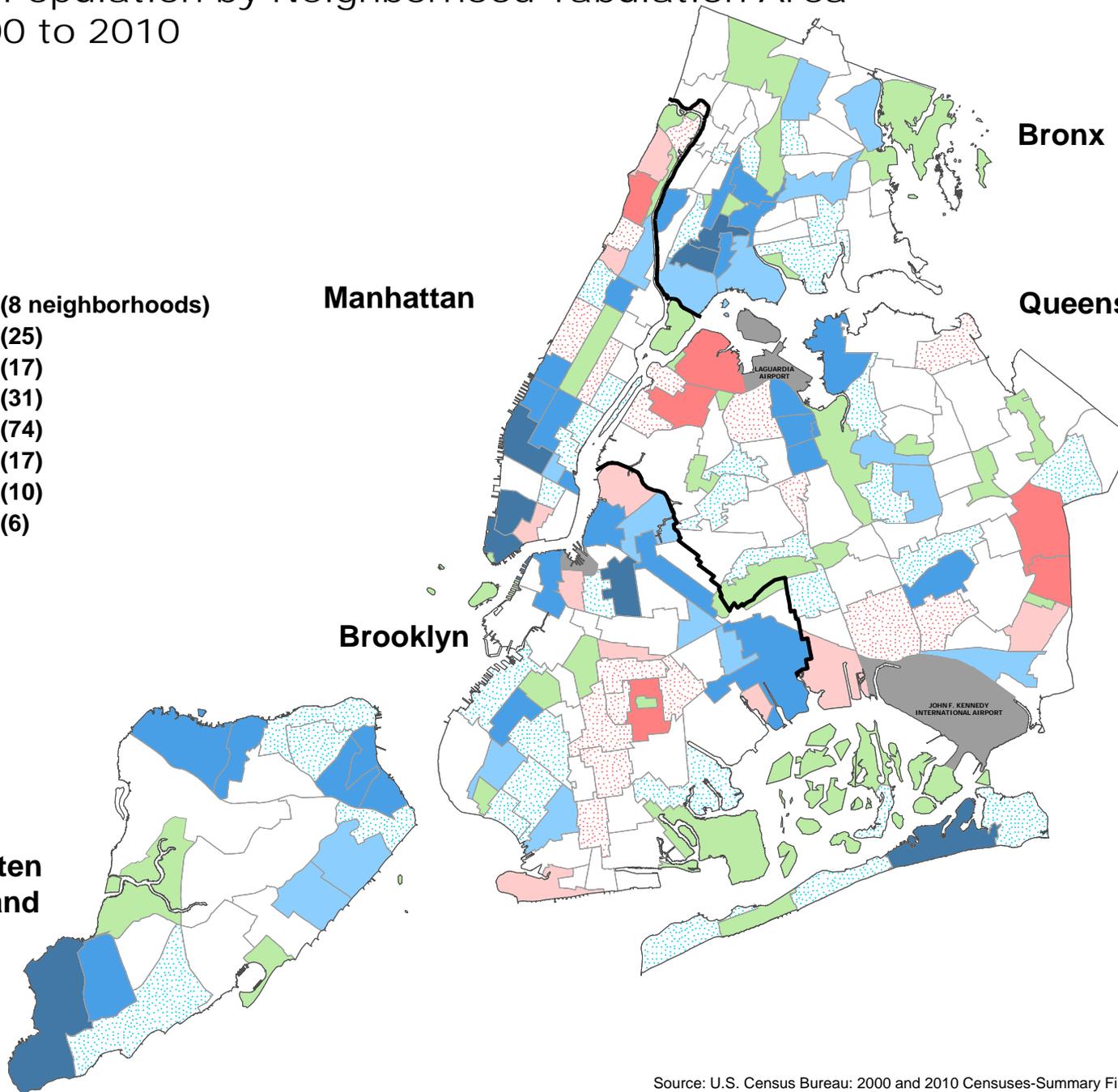
**Staten  
Island**

**Manhattan**

**Brooklyn**

**Bronx**

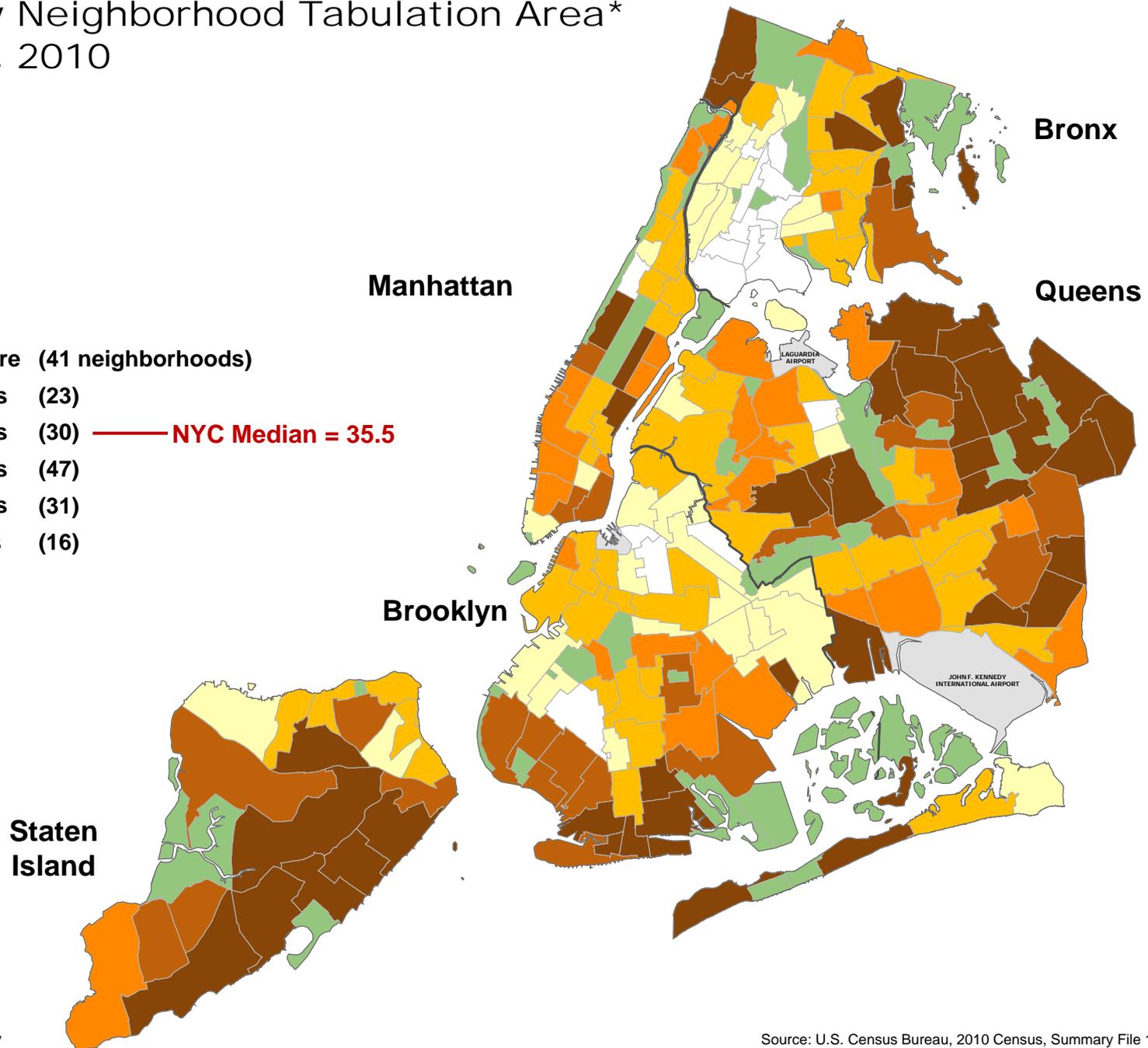
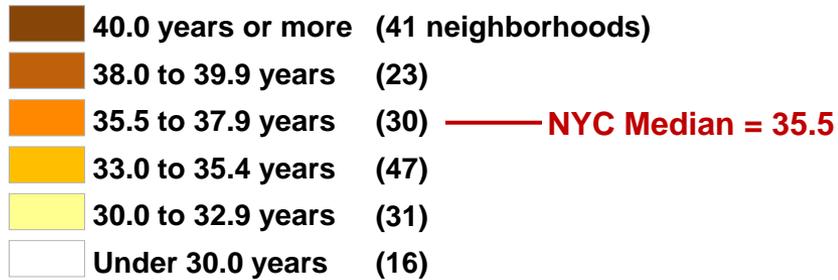
**Queens**



\* Neighborhood Tabulation Areas or NTAs, are aggregations of census tracts that are subsets of New York City's 55 Public Use Microdata Areas (PUMAs). Primarily due to these constraints, NTA boundaries and their associated names may not definitively represent neighborhoods.

# Median Age by Neighborhood Tabulation Area\* New York City, 2010

## Median Age



\* Neighborhood Tabulation Areas or NTAs, are aggregations of census tracts that are subsets of New York City's 55 Public Use Microdata Areas (PUMAs). Primarily due to these constraints, NTA boundaries and their associated names may not definitively represent neighborhoods.