

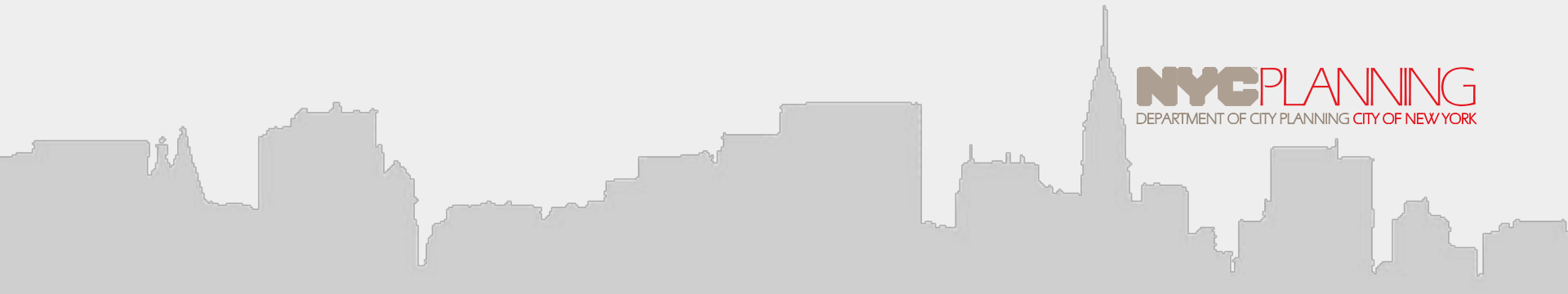
Making Decisions Using a Demographic Perspective

Architects Leadership Council
New York Building Congress

February 9, 2016

Joseph Salvo
POPULATION DIVISION

NYCPLANNING
DEPARTMENT OF CITY PLANNING CITY OF NEW YORK

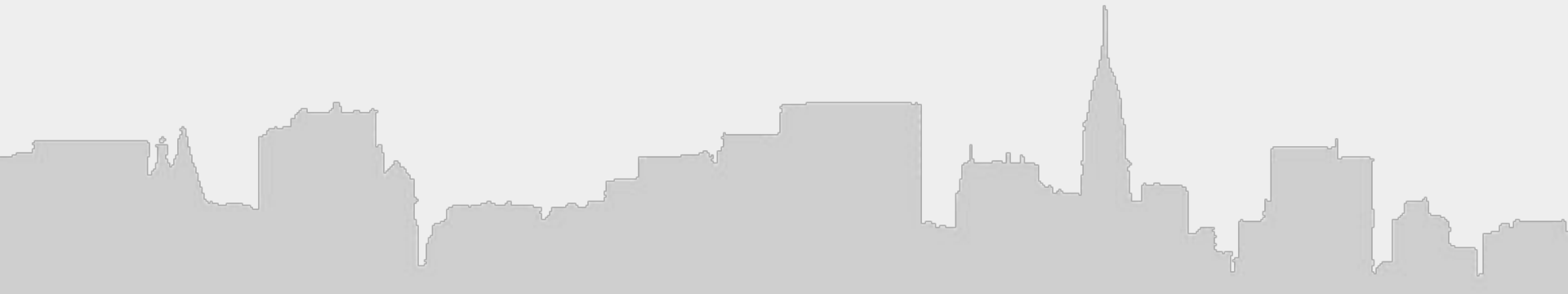


Population Change for the 10 Largest Cities in the U.S., 2000 to 2014 Ranked by Population in 2014

| Rank | Geographic Area | Total Population | | Population Change | |
|------|---------------------------|------------------|------------------|-------------------|------------|
| | NYC and <i>Boroughs</i> | 2000 | 2014 | 2000-2014 | |
| | | | | Number | Percent |
| 1 | New York, NY* | 8,008,278 | 8,491,079 | 482,801 | 6.0 |
| 2 | Los Angeles, CA* | 3,694,820 | 3,928,864 | 234,044 | 6.3 |
| 3 | Chicago, IL | 2,896,016 | 2,722,389 | -173,627 | -6.0 |
| | Brooklyn, NY | 2,465,326 | 2,621,793 | 156,467 | 6.3 |
| | Queens, NY* | 2,229,379 | 2,321,580 | 92,201 | 4.1 |
| 4 | Houston, TX* | 1,953,631 | 2,239,558 | 285,927 | 14.6 |
| | Manhattan, NY | 1,537,195 | 1,636,268 | 99,073 | 6.4 |
| 5 | Philadelphia, PA | 1,517,550 | 1,560,297 | 42,747 | 2.8 |
| 6 | Phoenix, AZ* | 1,321,045 | 1,537,058 | 216,013 | 16.4 |
| | Bronx, NY | 1,332,650 | 1,438,159 | 105,509 | 7.9 |
| 7 | San Antonio, TX* | 1,144,646 | 1,436,697 | 292,051 | 25.5 |
| 8 | San Diego, CA* | 1,223,400 | 1,381,069 | 157,669 | 12.9 |
| 9 | Dallas, TX* | 1,188,580 | 1,281,047 | 92,467 | 7.8 |
| 10 | San Jose, CA* | 894,943 | 1,015,785 | 120,842 | 13.5 |
| 35 | Sacramento, CA* | 407,018 | 485,199 | 78,181 | 19.2 |
| | Staten Island, NY* | 443,728 | 473,279 | 29,551 | 6.7 |

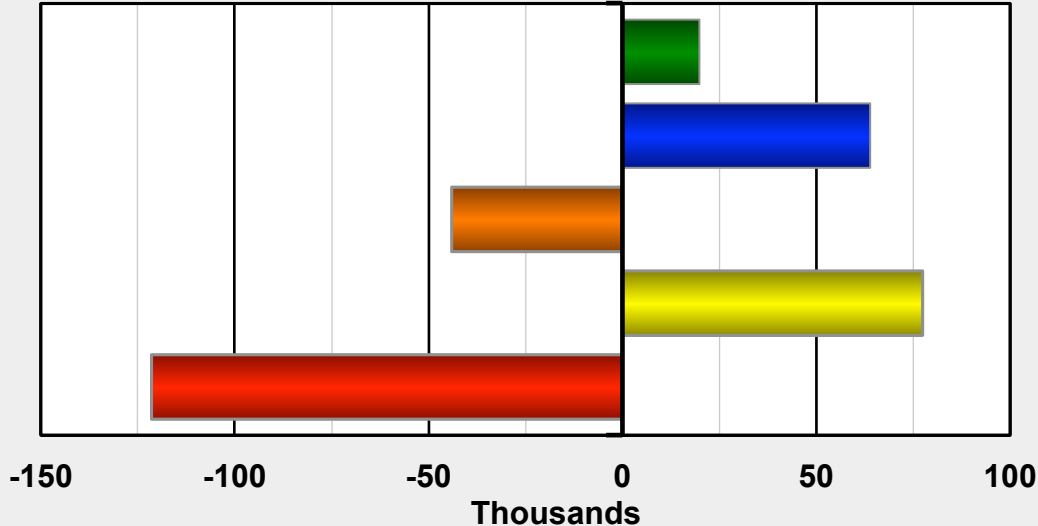
*Achieved population peak in 2014

Population Change



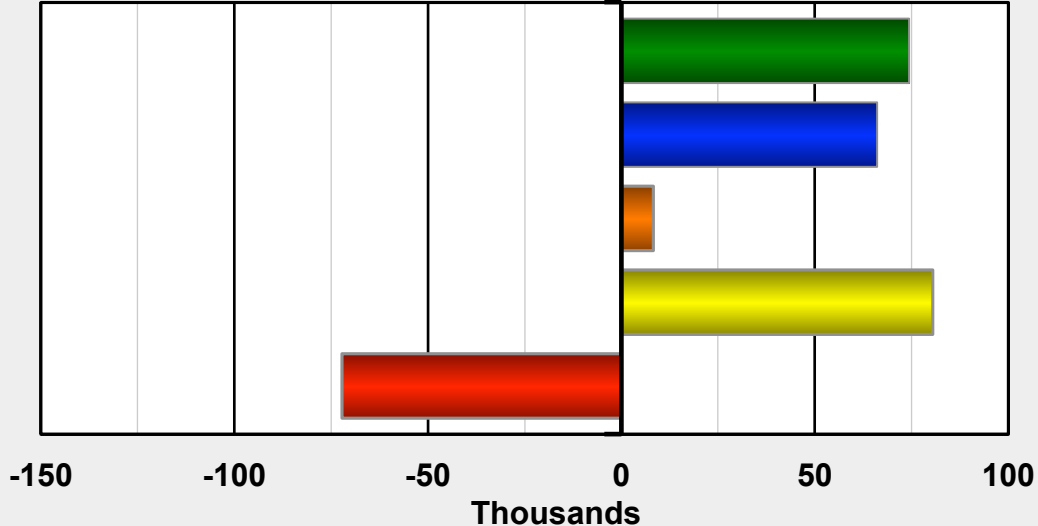
Estimated Components of Population Change (Annualized) New York City

2000-2010



- Population Change
- Natural Increase
- Net Migration
- Net International Migration
- Net Domestic Migration

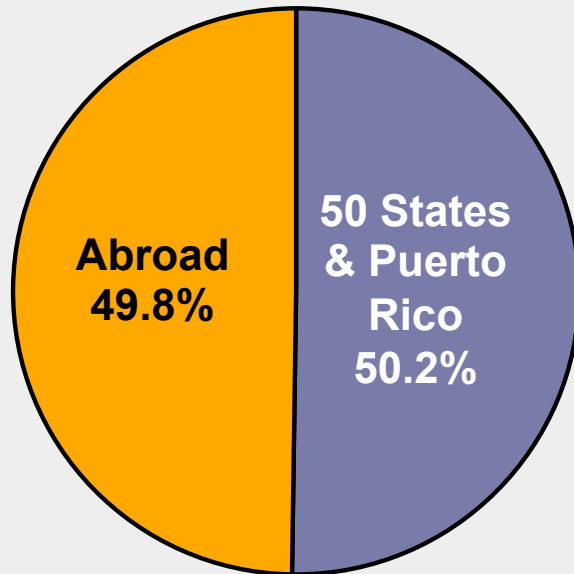
2010-2014



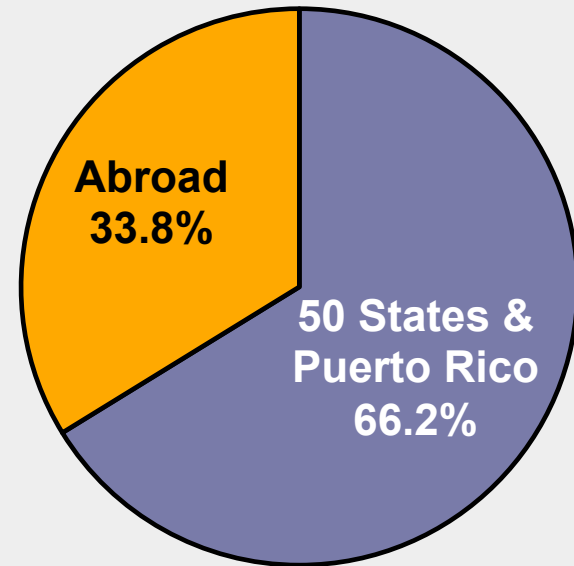
Sources: Adjusted U.S. Decennial Census data 1970-2010;
 New York City Department of Health and Mental Hygiene;
 United States Department of Homeland Security
 as revised by Population Division-New York City Department of City Planning

Changing Origins of In-migrants to New York City, 1995-2000 and 2008-2012

1995-2000



2008-2012

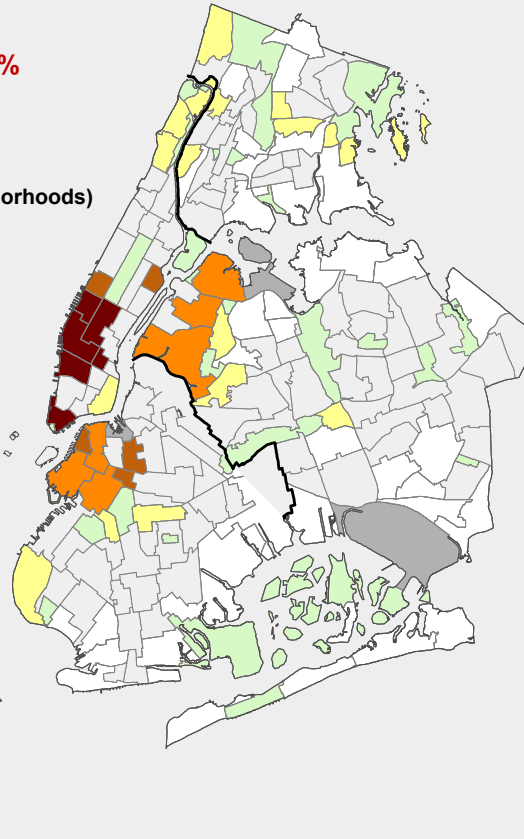
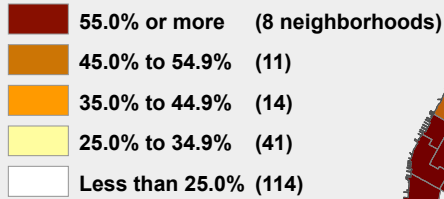


Non-family Householders with a Head of Household Under 65 Years by New York City Neighborhoods,* 2000 and 2008-2012

2008-2012

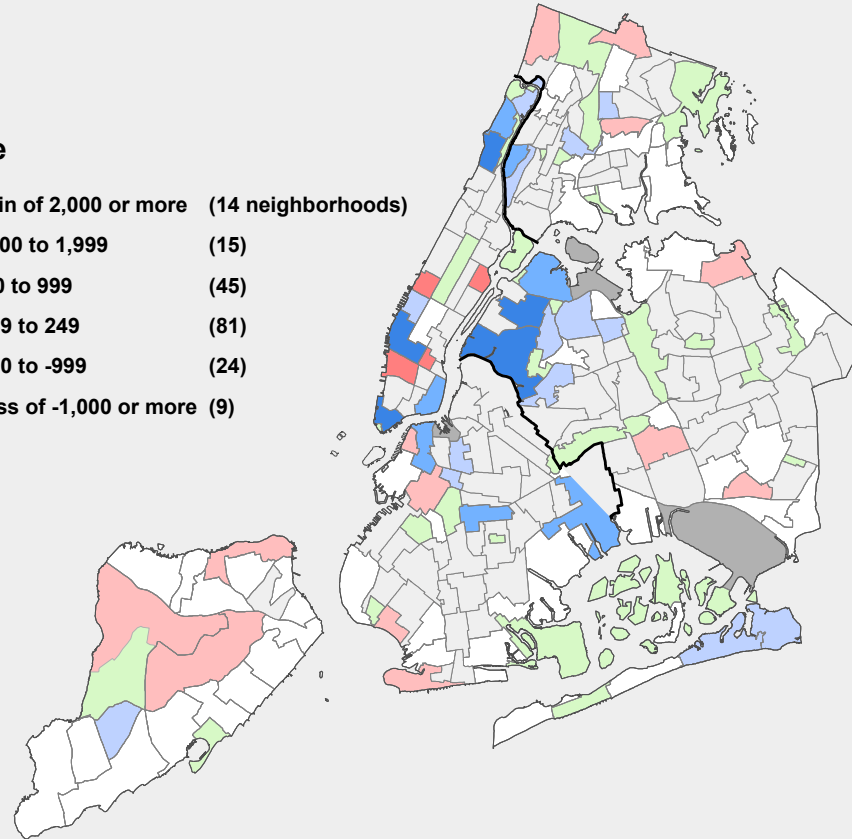
New York City Total = 29.1%

Percent



Change
2000 to 2008-2012

Change



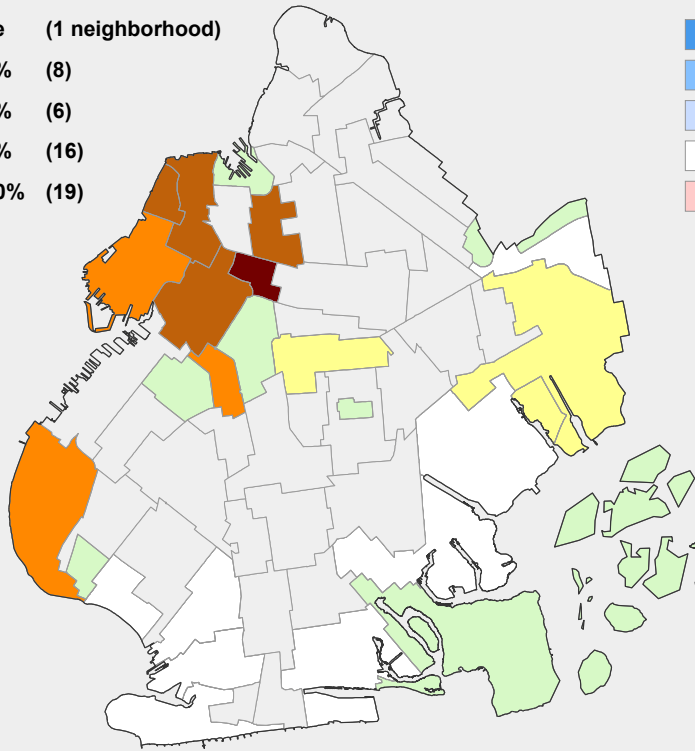
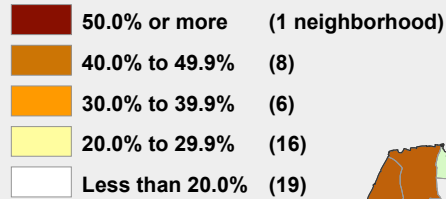
* Neighborhood Tabulation Areas or NTAs, are aggregations of census tracts that are subsets of New York City's 55 Public Use Microdata Areas (PUMAs). Primarily due to these constraints, NTA boundaries and their associated names may not definitively represent neighborhoods.

Non-family Householders with a Head of Household Under 65 Years by Brooklyn Neighborhoods,* 2000 and 2008-2012

2008-2012

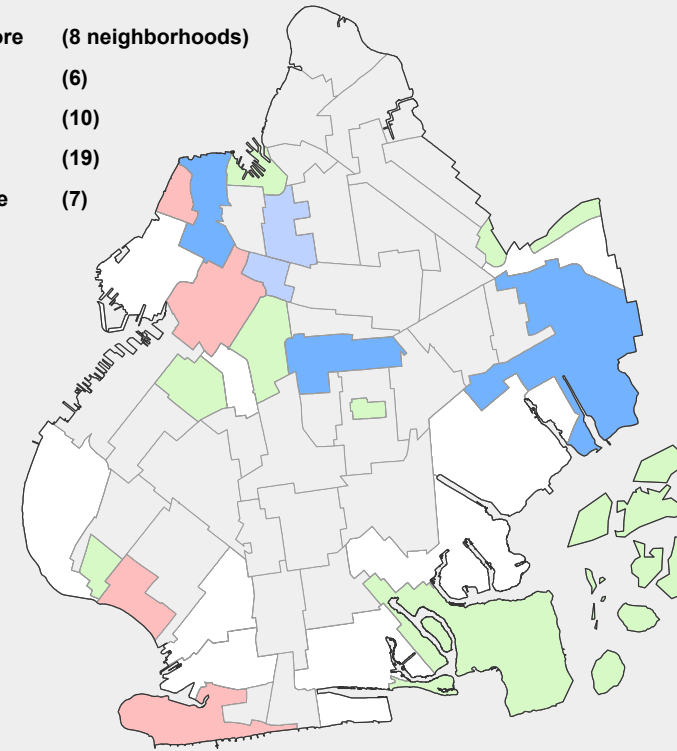
Brooklyn Total = 26.1%

Percent



Change
2000 to 2008-2012

Change

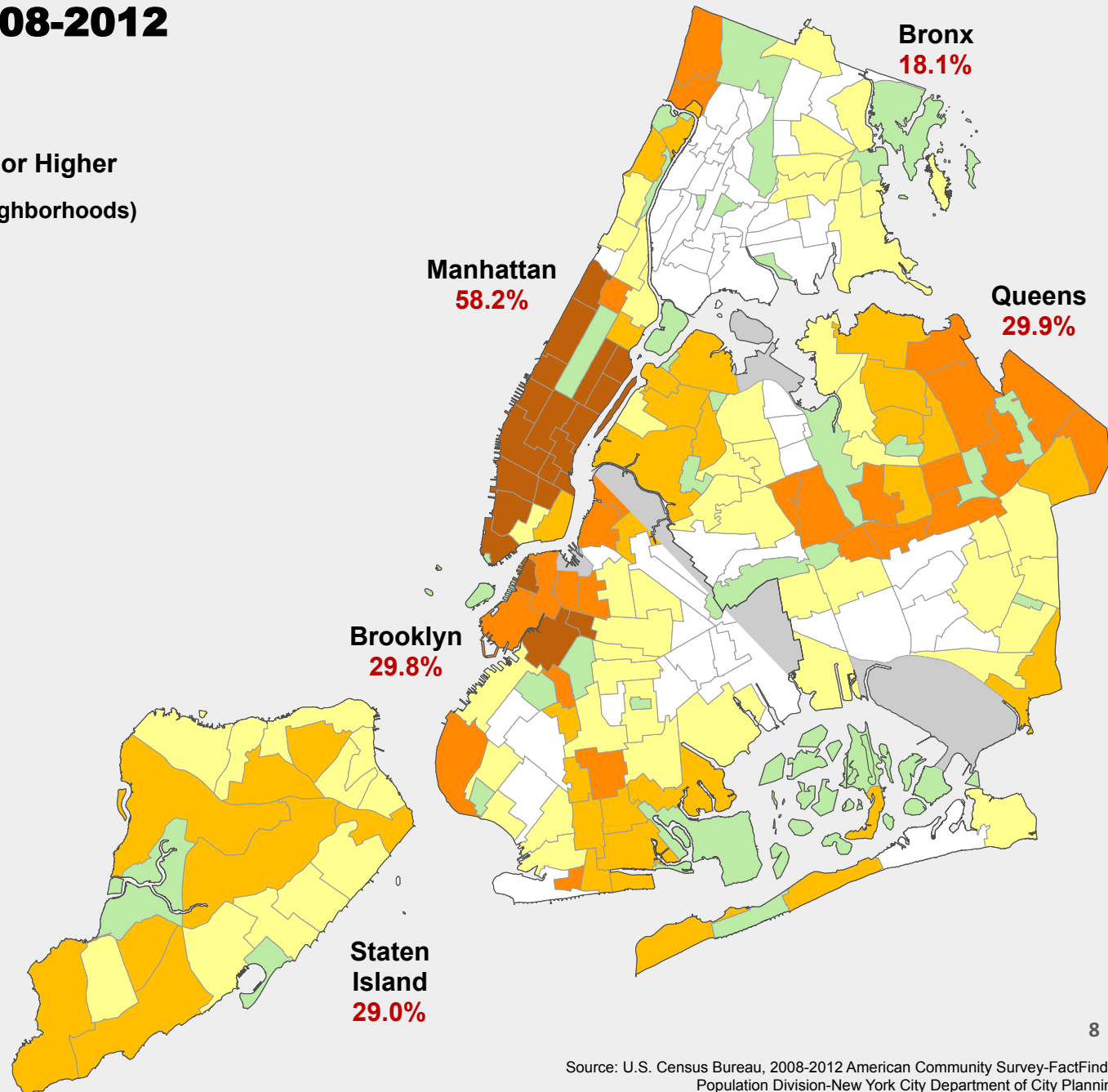
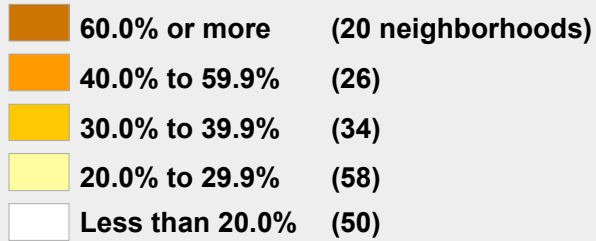


* Neighborhood Tabulation Areas or NTAs, are aggregations of census tracts that are subsets of New York City's 55 Public Use Microdata Areas (PUMAs). Primarily due to these constraints, NTA boundaries and their associated names may not definitively represent neighborhoods.

Percent College Graduates by Neighborhood Tabulation Area* New York City, 2008-2012

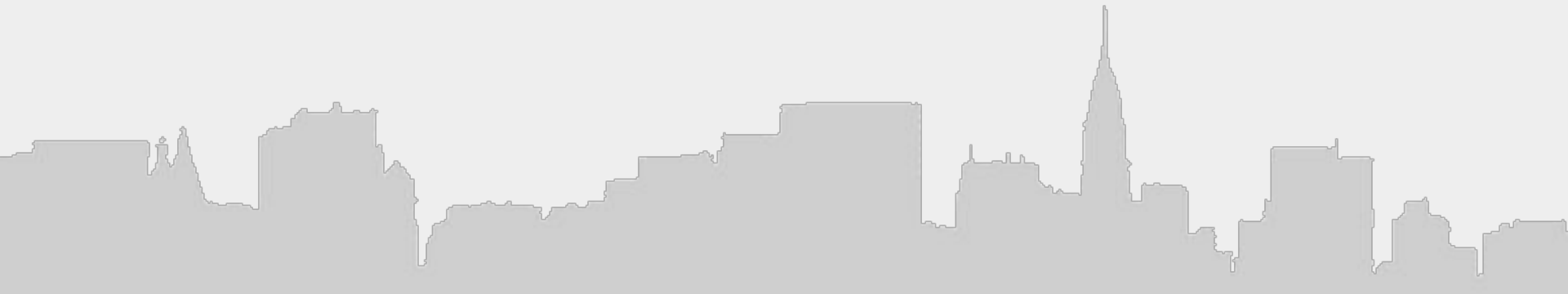
New York City Total = 34.0%

Percent Bachelor's Degree or Higher

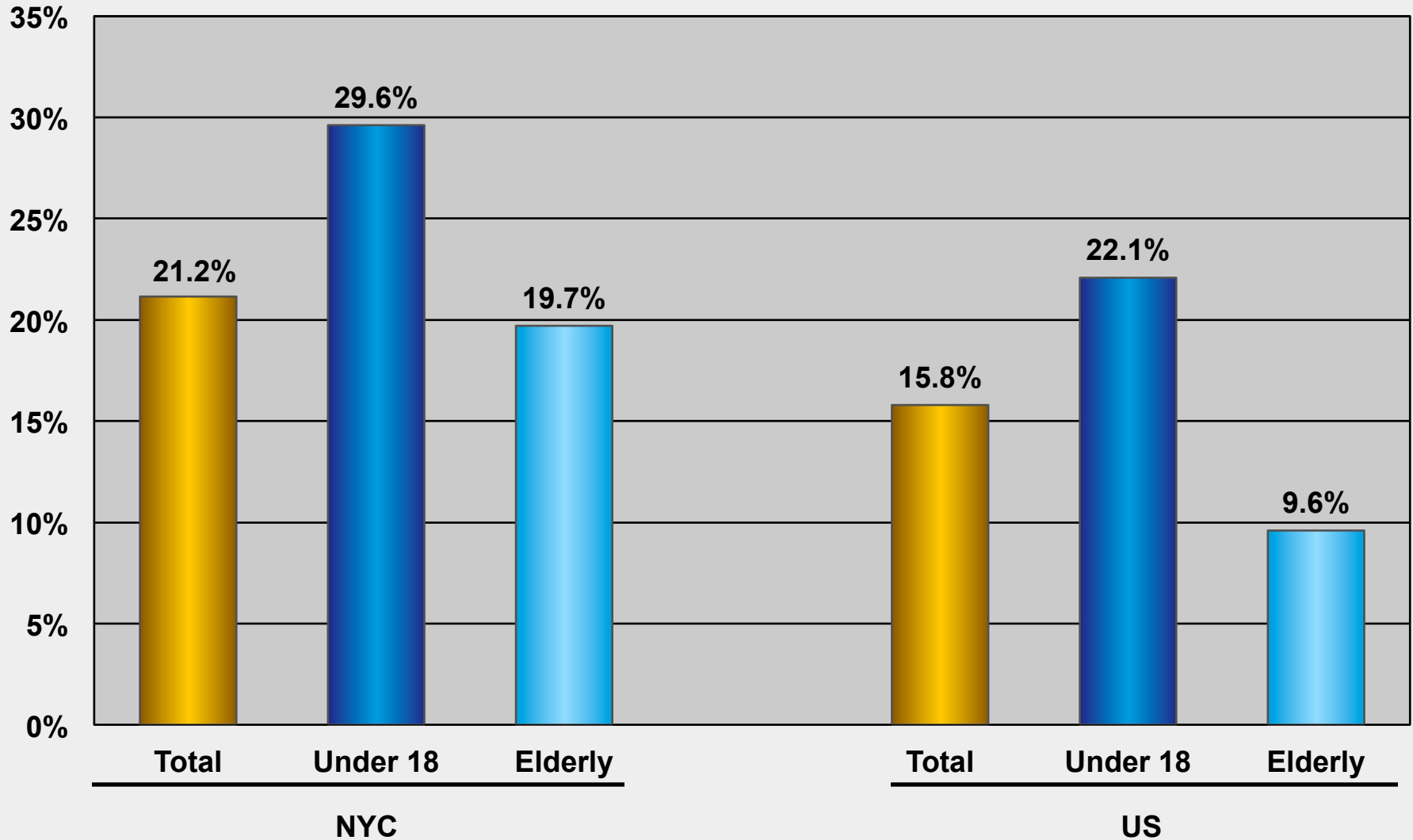


* Neighborhood Tabulation Areas or NTAs, are aggregations of census tracts that are subsets of New York City's 55 Public Use Microdata Areas (PUMAs). Primarily due to these constraints, NTA boundaries and their associated names may not definitively represent neighborhoods.

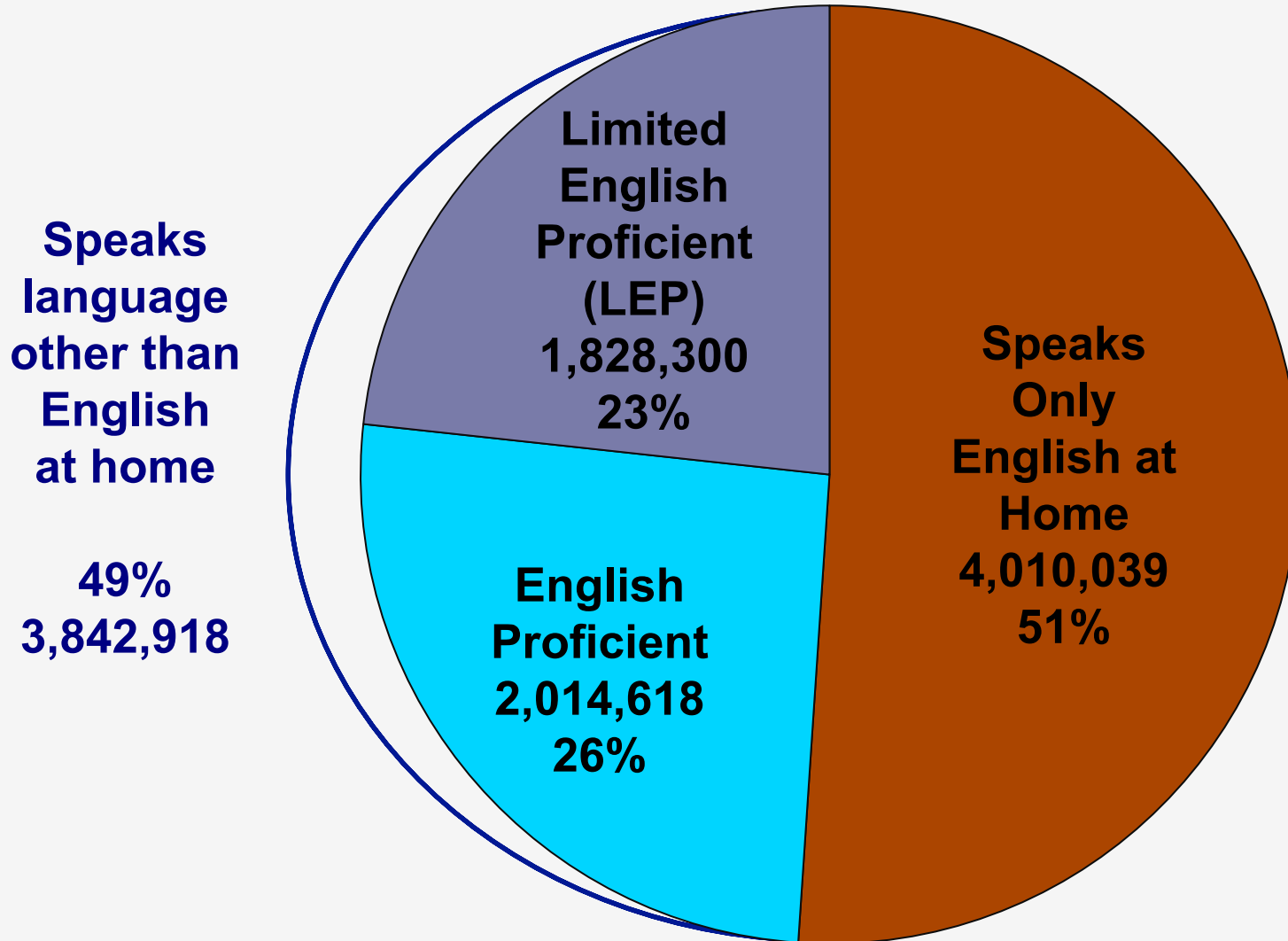
The Challenges



Persons Living in Poverty by Age New York City and the United States, 2013

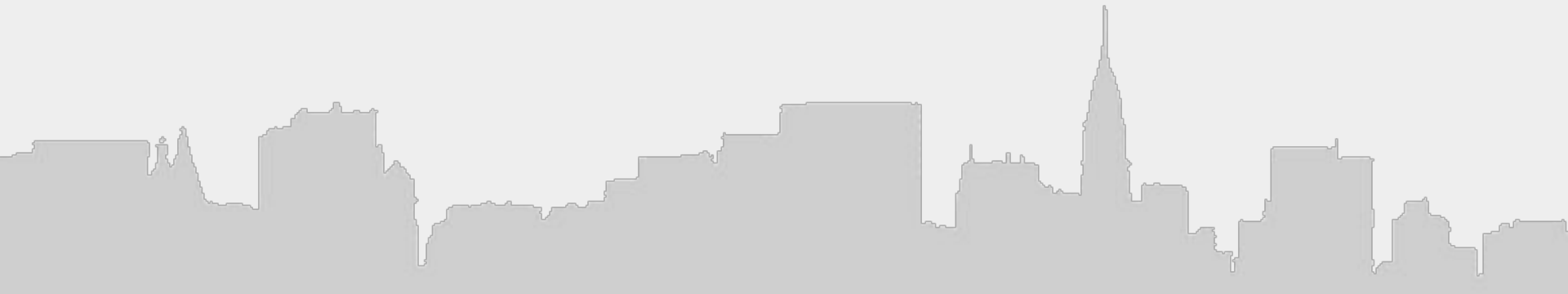


Persons by English Language Ability New York City, 2013



Total Persons Ages 5 and Over: 7,852,957

Population Looking Forward



**New York City
Population Projections
by Age/Sex & Borough,
2010-2040**

2010
2020
2030
2040

Population Projections by Borough New York City, 2010 and 2040

New York City
2010: 8,242,624
2040: 9,025,145
% Change: 9.5

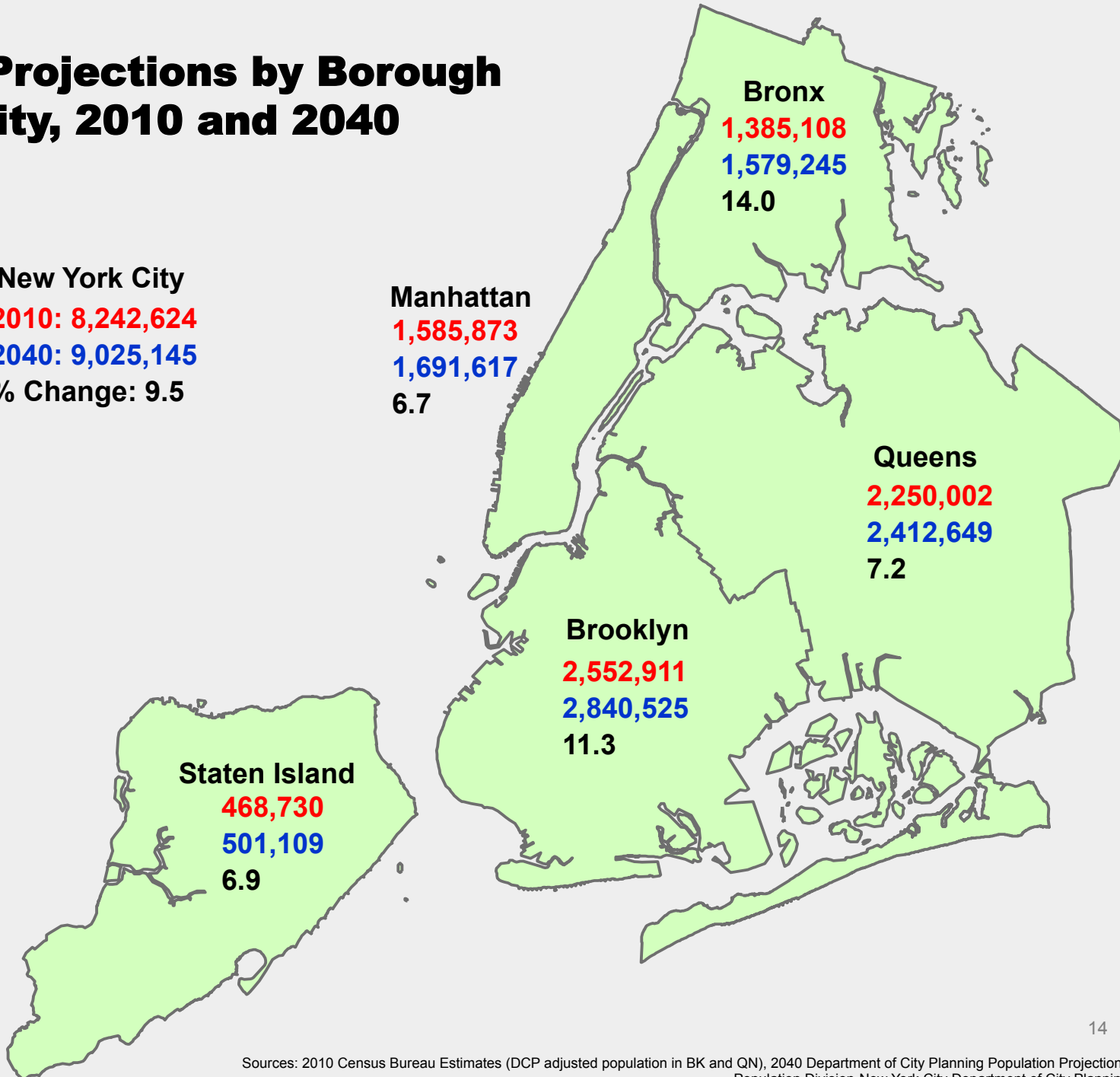
Manhattan
1,585,873
1,691,617
6.7

Bronx
1,385,108
1,579,245
14.0

Queens
2,250,002
2,412,649
7.2

Brooklyn
2,552,911
2,840,525
11.3

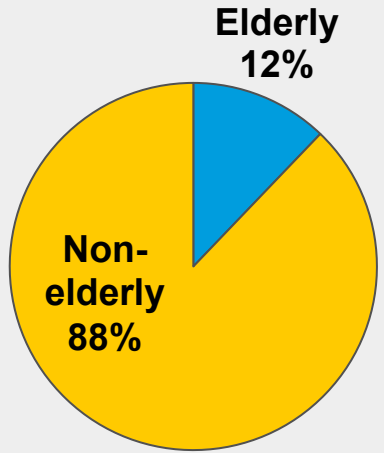
Staten Island
468,730
501,109
6.9



2010 and 2040 Population by Age New York City and the United States

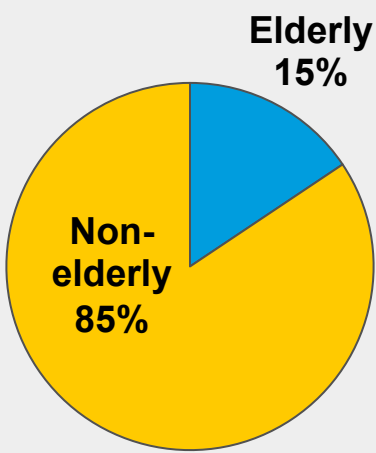
NYC

2010



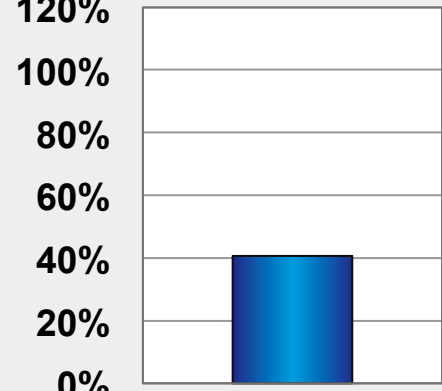
Elderly= 1,002,208

2040



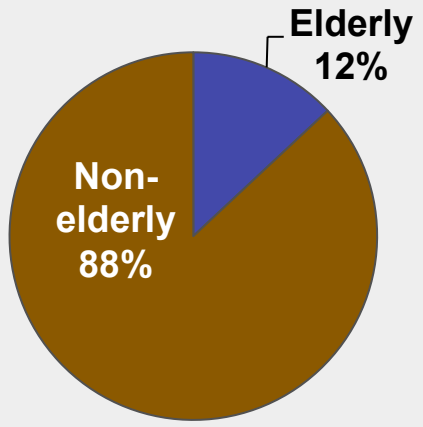
Elderly= 1,409,708

Growth = 40.7%

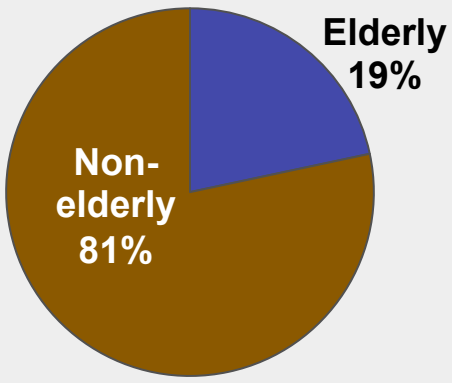


Elderly

US

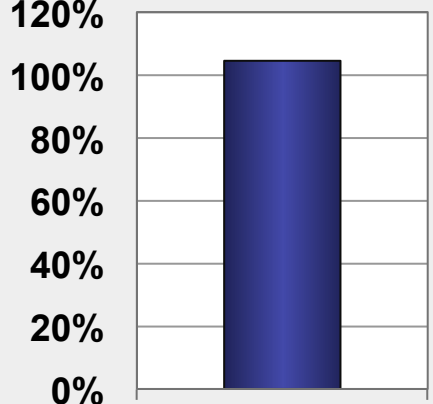


Elderly= 40,267,984



Elderly= 82,344,000

Growth = 104%



Elderly

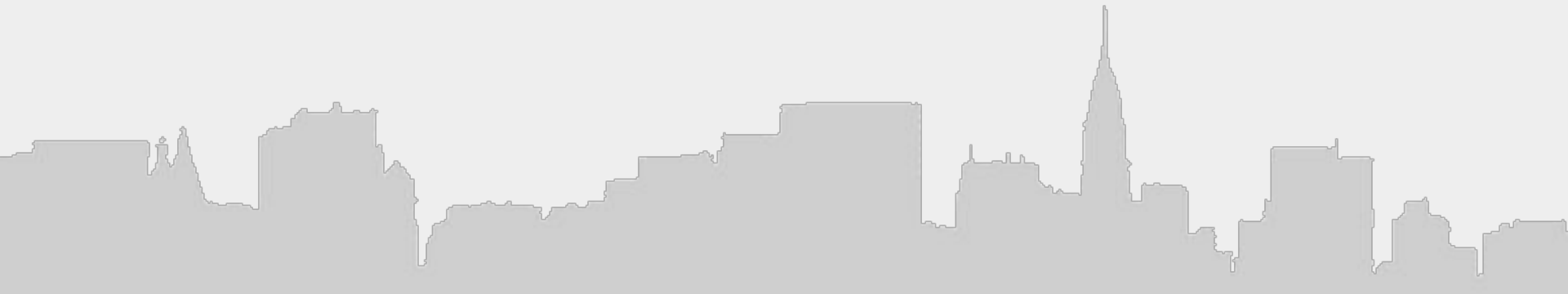
Source: US Census Bureau and DCP Population Projections
Population Division-New York City Department of City Planning

Median Age for Selected Geographies 2010 and 2040

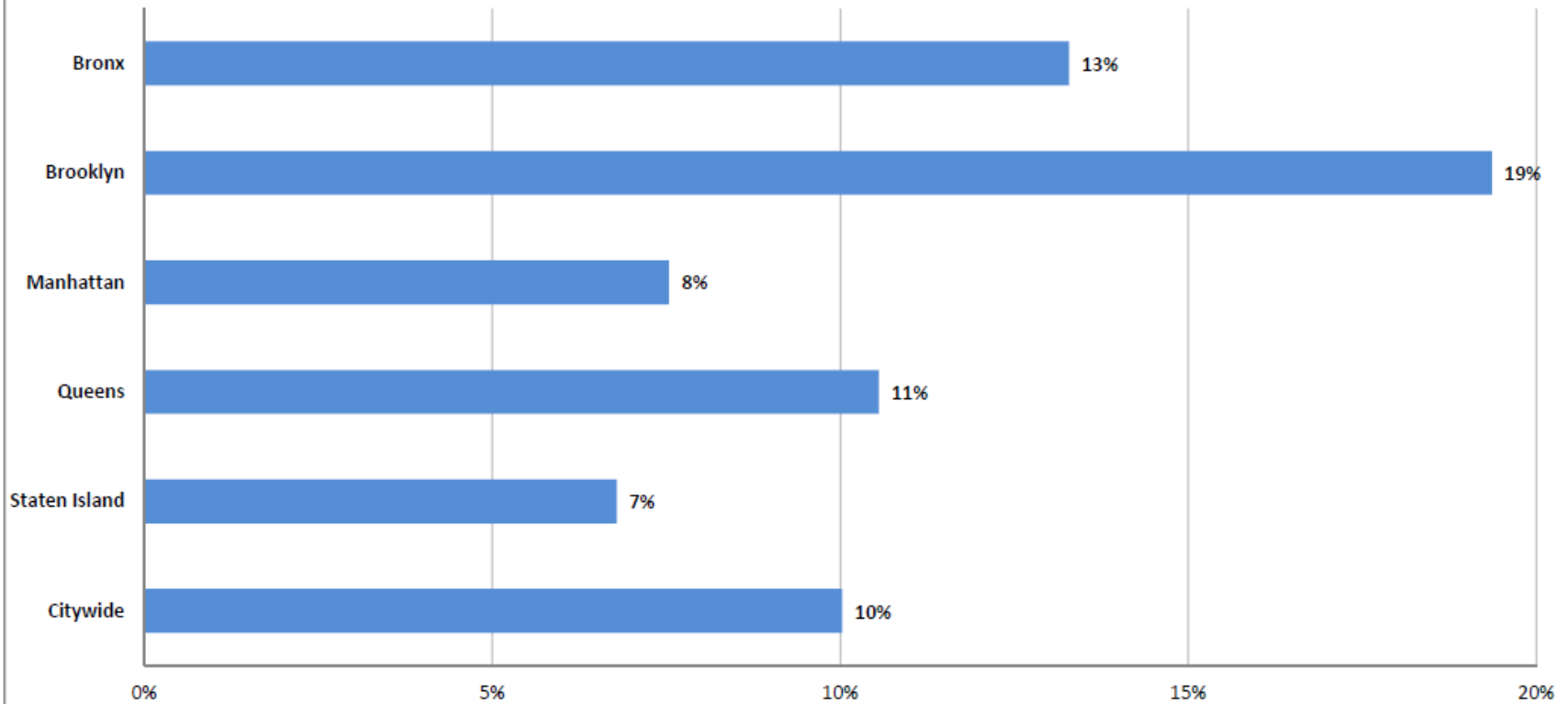
| | <u>2010</u> | <u>2040</u> |
|----------------------|-------------|-------------|
| Japan | 44.9 | 53.2 |
| Germany | 44.3 | 51.5 |
| Russia | 38.0 | 45.2 |
| United States | 37.2 | 41.6 |
| New York City | 35.5 | 36.7 |
| Kenya | 18.5 | 19.5 |
| Ethiopia | 17.5 | 18.8 |

Aging New Yorkers, but an Eternally Young New York?

Employment Now and in the Future



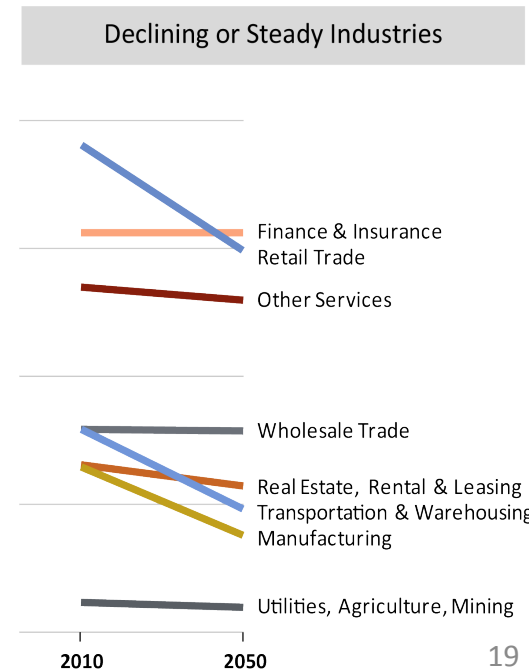
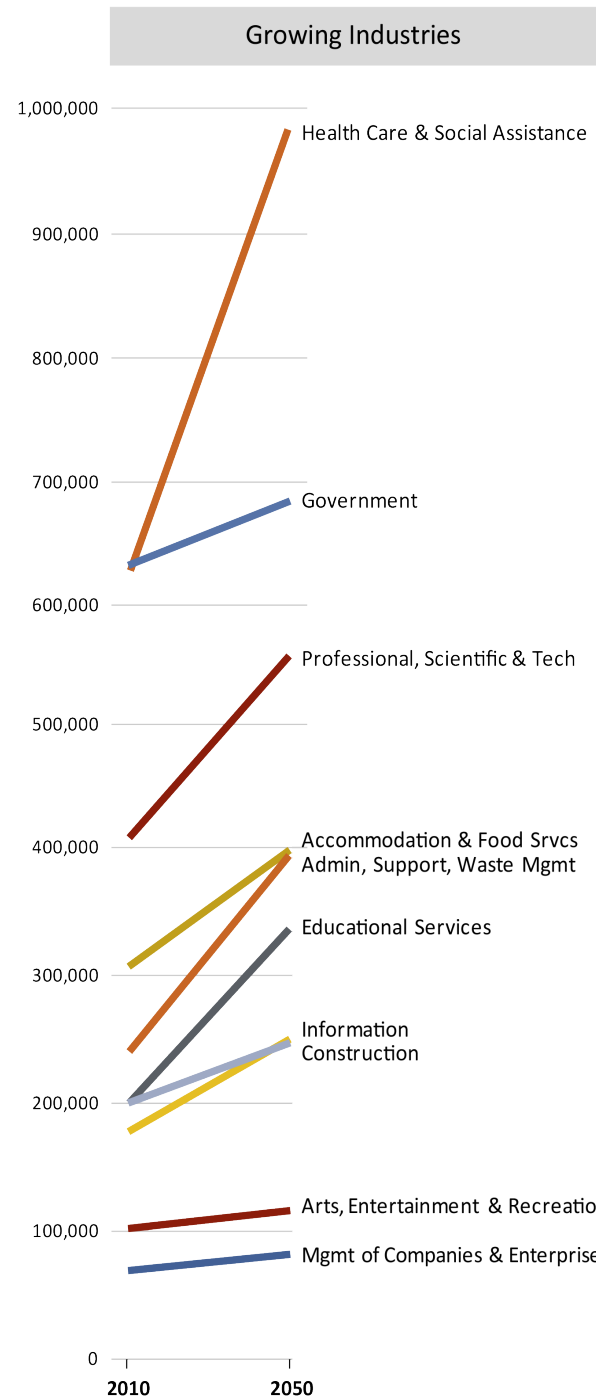
% Change in Total Private Employment by Borough, 2008 - 2014*



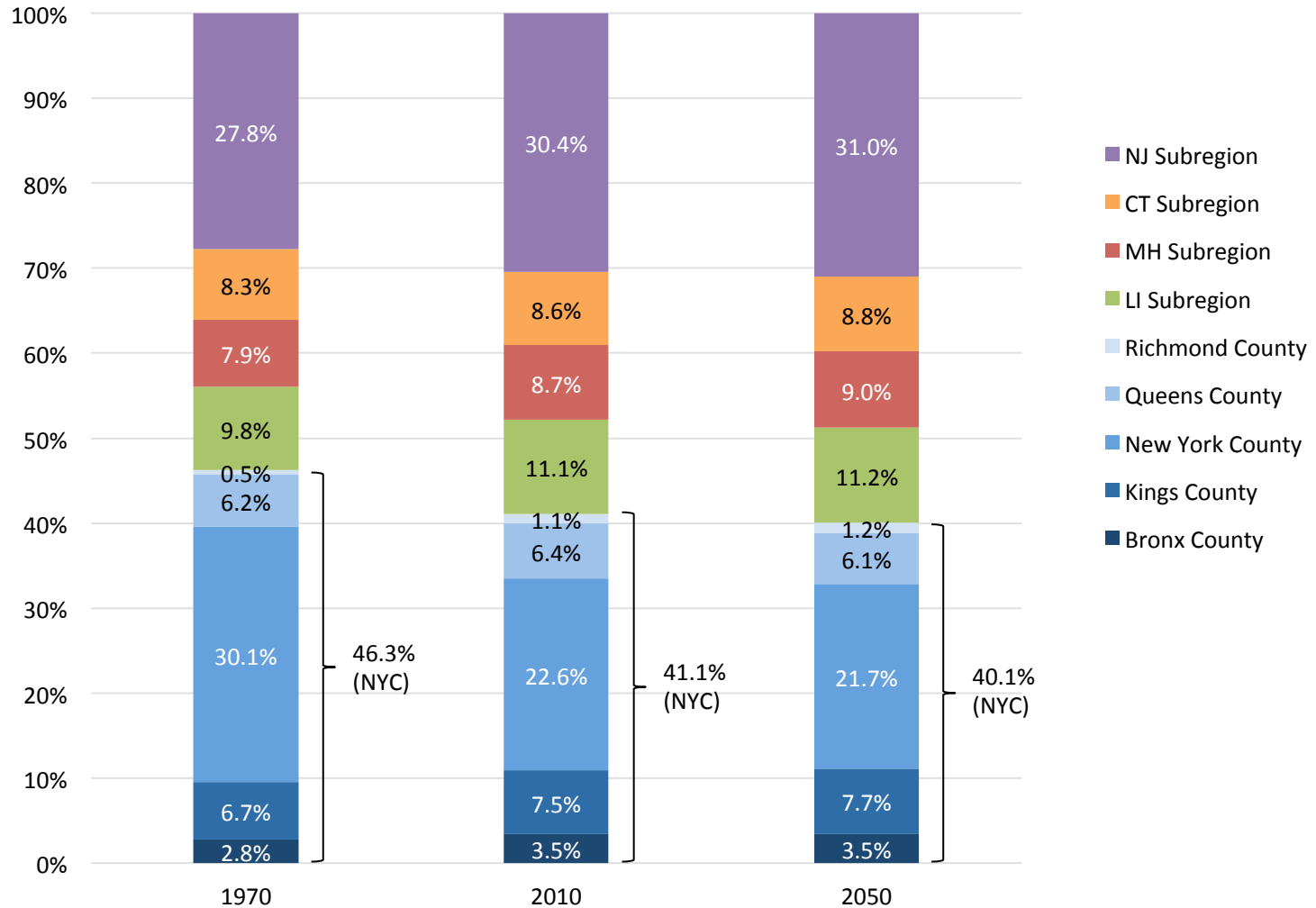
* Sources: QCEW 3Q 2008, DCP HEIP Division; QCEW 3Q 2014, NYS Bureau of Labor Statistics

Changes by Industry in NYC, 2010 - 2050

| Changes by Industry, New York City Subregion | 2010 | 2050 | Change 2010-50 |
|--|------------------|------------------|----------------|
| Health Care & Social Assistance | 630,795 | 980,285 | 55% |
| Government | 632,567 | 684,367 | 8% |
| Professional, Scientific & Technical | 409,553 | 553,825 | 35% |
| Accommodation & Food Services | 308,054 | 396,000 | 29% |
| Administrative, Support, Waste Mgmt | 242,225 | 391,230 | 62% |
| Educational Services | 202,355 | 333,369 | 65% |
| Finance & Insurance | 311,880 | 312,028 | 0% |
| Retail Trade | 379,571 | 299,865 | -21% |
| Other Services | 268,541 | 259,887 | -3% |
| Information | 178,640 | 248,467 | 39% |
| Construction | 200,490 | 246,496 | 23% |
| Wholesale Trade | 158,117 | 157,180 | -1% |
| Arts, Entertainment & Recreation | 101,894 | 115,151 | 13% |
| Real Estate, Rental & Leasing | 130,306 | 113,861 | -13% |
| Transportation & Warehousing | 156,645 | 96,743 | -38% |
| Mgmt of Companies & Enterprises | 68,530 | 80,958 | 18% |
| Manufacturing | 127,146 | 76,400 | -40% |
| Utilities, Agriculture, Mining | 22,333 | 18,646 | -17% |
| Total | 4,529,643 | 5,364,758 | 18% |



Share of Total Employment, by Subregion/Borough 1970 - 2050



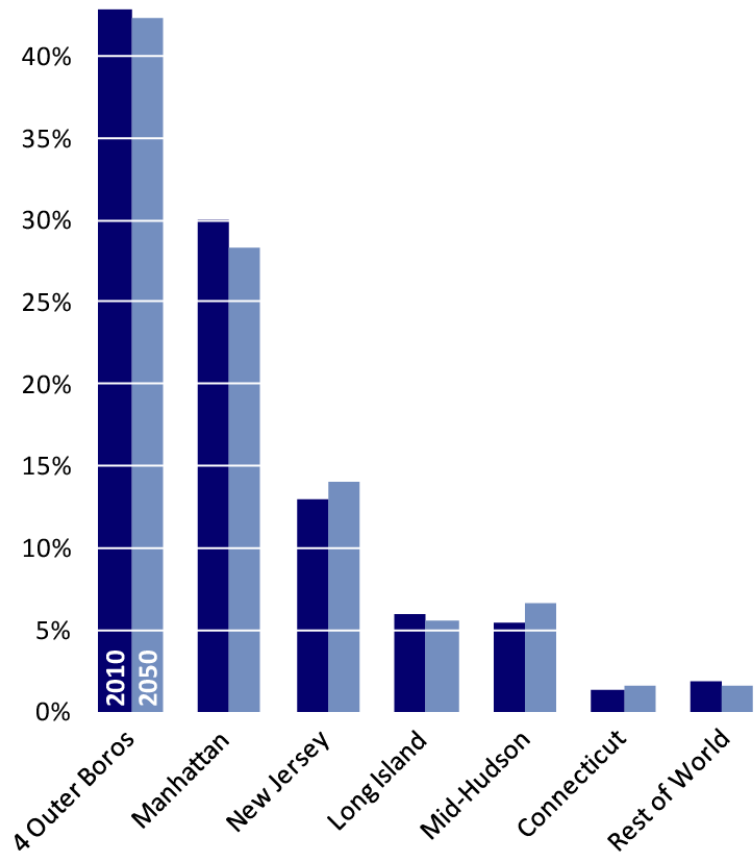
Implications for Commuting

- Commuting from all NYMTC subregions to Manhattan and NYC as a whole is projected to increase from 2010 to 2050.
- The share however will shift in favor of New Jersey and Mid-Hudson.

Commute Flows to Manhattan from Each Boro/Subregion

| From: | 2010 | 2050 | Change 2010-2050 | |
|-------------------------|------------------|------------------|------------------|------------|
| Manhattan | 707,880 | 775,559 | 67,679 | 10% |
| 4 Outer Boros | 1,011,415 | 1,157,549 | 146,134 | 14% |
| Long Island | 138,352 | 153,742 | 15,390 | 11% |
| Mid-Hudson | 126,747 | 181,955 | 55,208 | 44% |
| New Jersey | 303,904 | 382,205 | 78,301 | 26% |
| Connecticut | 29,773 | 43,037 | 13,264 | 45% |
| Rest of World | 42,436 | 44,627 | 2,191 | 5% |
| Total MN Workers | 2,360,506 | 2,738,673 | 378,167 | 16% |

Share of Manhattan Workers Who Commute from Each Boro/Subregion, 2010-2050



Data Links

- DCP Population Division Web site: www.nyc.gov/population
- New York City Census FactFinder: www.nyc.gov/cff
- Census Bureau Web site: www.census.gov

Population Growth by Race/Hispanic Origin New York City, 2000-2013

Percent
Change =

-4.1

-2.2

44.0

12.4

3,000,000

2,500,000

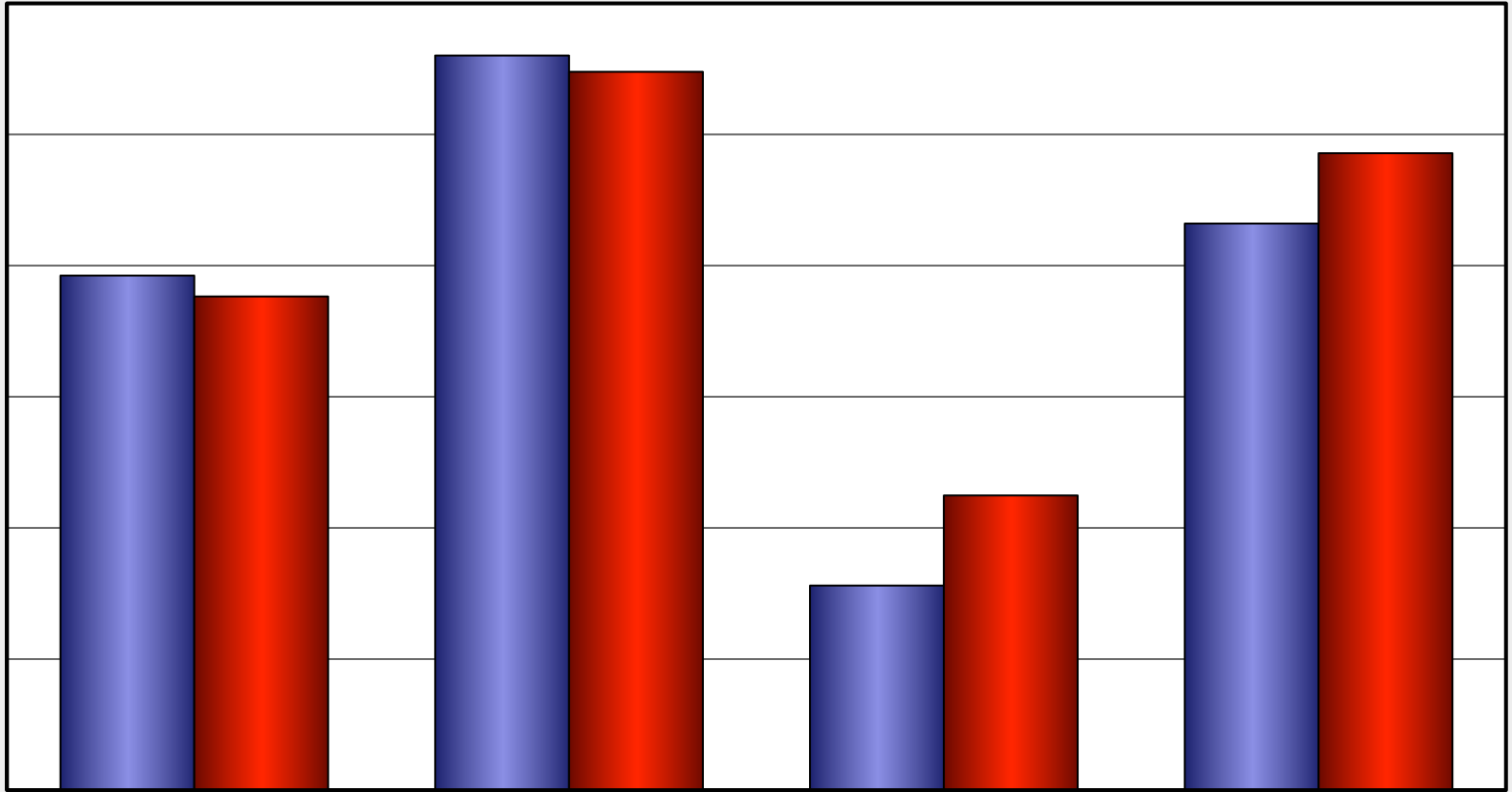
2,000,000

1,500,000

1,000,000

500,000

0



Black, nonhispanic

White, nonhispanic

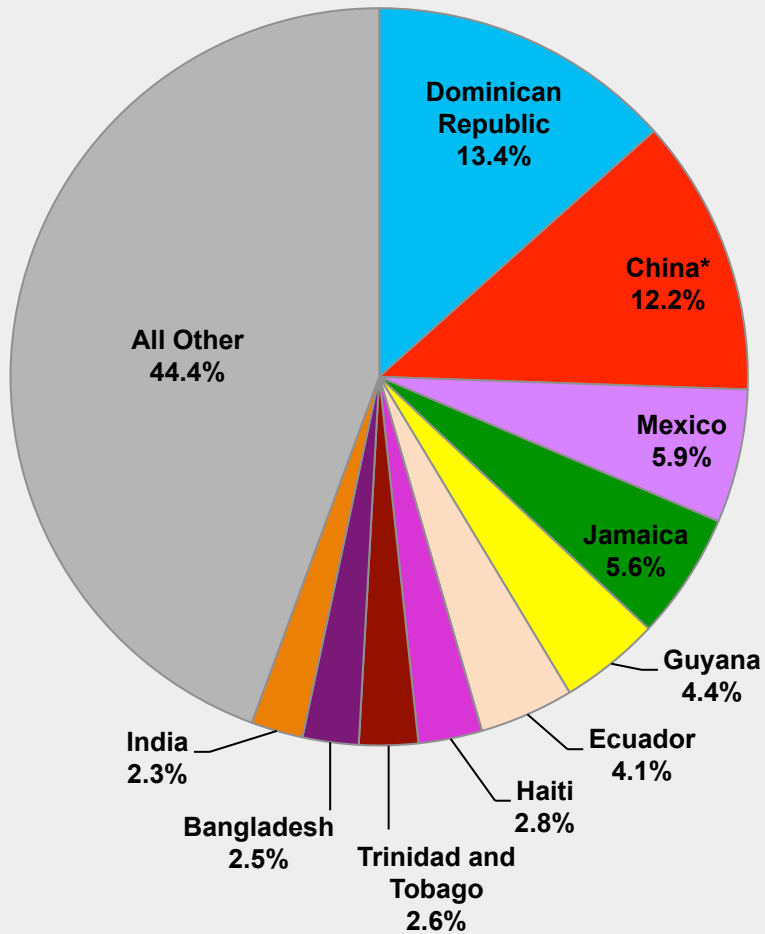
Asian, nonhispanic

Hispanic

■ 2000 ■ 2013

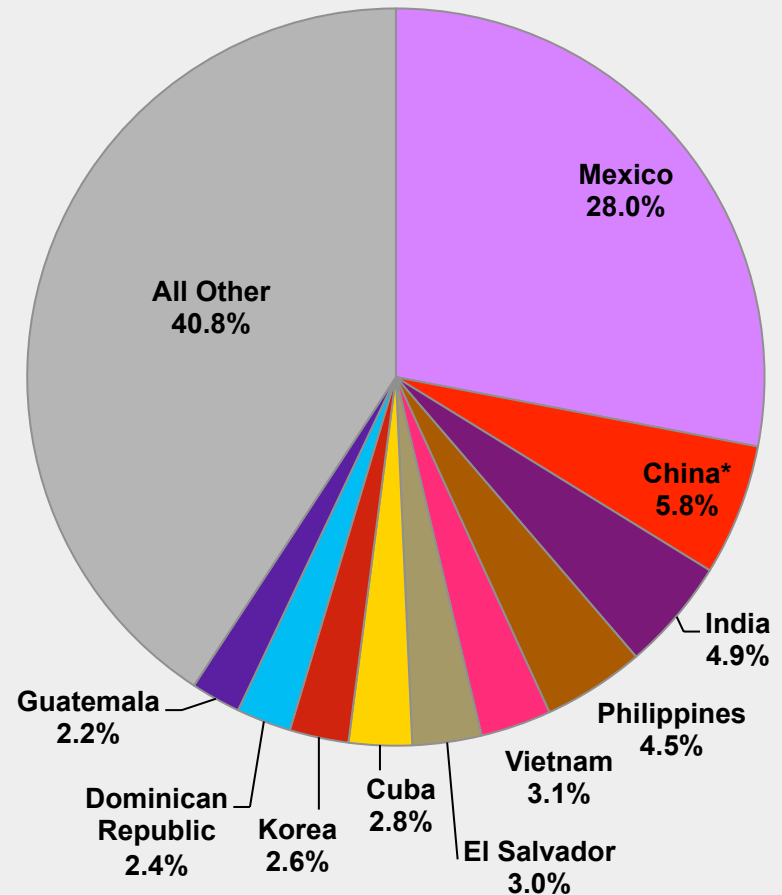
Top Ten Sources of the Foreign-born Population New York City and the United States, 2013

New York City



Total = 3,106,661

United States



Total = 41,347,945

* Includes the mainland, Hong Kong, and Taiwan.