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

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

*Achieved population peak in 2010

Sources: U.S. Census Bureau, 2000 and 2010 Census Public Law 94-171 Files Population Division-New York City Department of City Planning
## Population Change
### New York City and Boroughs, 2010-2011

<table>
<thead>
<tr>
<th></th>
<th>2010</th>
<th>2011</th>
<th>Change, 2010-2011</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Number</td>
<td>Percent</td>
<td>Number</td>
</tr>
<tr>
<td>New York City</td>
<td>8,175,133</td>
<td>0.9</td>
<td>69,777</td>
</tr>
<tr>
<td>Bronx</td>
<td>1,385,108</td>
<td>0.5</td>
<td>6,894</td>
</tr>
<tr>
<td>Brooklyn</td>
<td>2,504,700</td>
<td>1.1</td>
<td>27,945</td>
</tr>
<tr>
<td>Manhattan</td>
<td>1,585,873</td>
<td>1.0</td>
<td>16,075</td>
</tr>
<tr>
<td>Queens</td>
<td>2,230,722</td>
<td>0.8</td>
<td>17,126</td>
</tr>
<tr>
<td>Staten Island</td>
<td>468,730</td>
<td>0.4</td>
<td>1,737</td>
</tr>
</tbody>
</table>

Source: U.S. Census Bureau; 2010 Census-Summary File 1 and 2011 Population Estimates Program
Population Division-New York City Department of City Planning
The Population Dynamic
Estimated Components of Population Change
New York City, 2010-2011

Source: U.S. Census Bureau, 2011 Estimates Program as revised by Population Division-New York City Department of City Planning
# Births to Foreign-born Mothers

## New York City, 2010

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

* Includes Hong Kong and Taiwan

Source: Department of Health and Mental Hygiene, New York City, 2010
Population Division- New York City Department of City Planning
Top Countries of Birth for the Foreign-born New York City and United States, 2010

New York City

- Dominican Republic: 13%
- China*: 11%
- Mexico: 6%
- Jamaica: 6%
- Guyana: 5%
- Ecuador: 4%
- Haiti: 3%
- Trinidad & Tobago: 3%
- Russia: 2%
- India: 2%
- Other: 45%

Total = 3,042,315

United States

- Mexico: 29%
- China*: 5%
- India: 5%
- Philippines: 5%
- Vietnam: 5%
- Guatemala: 3%
- Korea: 3%
- Cuba: 3%
- El Salvador: 3%
- Dominican Republic: 2%
- Other: 40%

Total = 39,955,673

* Includes Hong Kong and Taiwan

Source: U.S. Census Bureau, 2010 American Community Survey-FactFinder
Population Division-New York City Department of City Planning
Figure 7. Annual Estimates of the Unauthorized Population and Components of Change, New York State, 1990 to 2010

Total Unauthorized Population (thousands)

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

Abroad 49.8%
50 States & Puerto Rico 50.2%

2008-2010

Abroad 32.8%
50 States & Puerto Rico 67.2%

Sources: U.S. Census Bureau, 2000 Census; 2008-2010 Public Use Microdata Sample
Population Division-New York City Department of City Planning
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 =

<table>
<thead>
<tr>
<th>Group</th>
<th>2000</th>
<th>2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>White nonhispanic</td>
<td>2,500,000</td>
<td>2,500,000</td>
</tr>
<tr>
<td>Hispanic</td>
<td>2,200,000</td>
<td>2,300,000</td>
</tr>
<tr>
<td>Black nonhispanic</td>
<td>1,800,000</td>
<td>1,700,000</td>
</tr>
<tr>
<td>Asian nonhispanic</td>
<td>1,000,000</td>
<td>1,200,000</td>
</tr>
</tbody>
</table>

Sources: U.S. Census Bureau: 2000 and 2010 Censuses-Summary File 1
Population Division-New York City Department of City Planning
Hispanic and Asian Subgroups
New York City, 2010

Hispanic

- Dominican Republic 25%
- Puerto Rican 31%
- Mexican 13%
- Colombian 12%
- Ecuadorian 7%
- Cuban 2%
- Honduran 2%
- Other 16%

Total = 2,336,076

Asian*

- Chinese** 47%
- Asian Indian 19%
- Vietnamese 1%
- Filipino 7%
- Korean 9%
- Bangladeshi 5%
- Pakistani 4%
- Japanese 2%
- Other 6%

Total = 1,038,388

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

Source: U.S. Census Bureau, 2010 Census-Summary File 1
Population Division-New York City Department of City Planning
Percent Change in the Black Nonhispanic Population by Neighborhood Tabulation Area*
New York City, 2000 to 2010

<table>
<thead>
<tr>
<th>Percent Change</th>
<th>Count</th>
<th>Neighborhoods</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gain of 40.0% or more</td>
<td>0</td>
<td>(0 neighborhoods)</td>
</tr>
<tr>
<td>20.0% to 39.9%</td>
<td>3</td>
<td>(3 neighborhoods)</td>
</tr>
<tr>
<td>10.0% to 19.9%</td>
<td>9</td>
<td>(9)</td>
</tr>
<tr>
<td>5.0% to 9.9%</td>
<td>9</td>
<td>(9)</td>
</tr>
<tr>
<td>-4.9% to 4.9%</td>
<td>19</td>
<td>(19)</td>
</tr>
<tr>
<td>-5.0% to -9.9%</td>
<td>15</td>
<td>(15)</td>
</tr>
<tr>
<td>-10.0% to -19.9%</td>
<td>23</td>
<td>(23)</td>
</tr>
<tr>
<td>-20.0% to -39.9%</td>
<td>10</td>
<td>(10)</td>
</tr>
<tr>
<td>Loss of 40.0% or more</td>
<td>1</td>
<td>(1)</td>
</tr>
</tbody>
</table>

Under 5,000 Black NH in 2000 and 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.
Percent Change in the White Nonhispanic Population by Neighborhood Tabulation Area*
New York City, 2000 to 2010

Percent Change

- Gain of 40.0% or more (18 neighborhoods)
- 20.0% to 39.9% (4)
- 10.0% to 19.9% (8)
- 5.0% to 9.9% (11)
- -4.9% to 4.9% (25)
- -5.0% to -9.9% (16)
- -10.0% to -19.9% (22)
- -20.0% to -39.9% (29)
- Loss of 40.0% or more (6)

Under 5,000 White NH in 2000 and 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.

Source: U.S. Census Bureau: 2000 and 2010 Censuses-Summary File 1
Population Division-New York City Department of City Planning
Percent Change in the Asian Nonhispanic Population by Neighborhood Tabulation Area*
New York City, 2000 to 2010

Percent Change

- Gain of 40.0% or more: 25 neighborhoods
- 20.0% to 39.9%: 27 neighborhoods
- 10.0% to 19.9%: 5 neighborhoods
- 5.0% to 9.9%: 2 neighborhoods
- -4.9% to 4.9%: 2 neighborhoods
- -5.0% to -9.9%: 3 neighborhoods
- -10.0% to -19.9%: 1 neighborhood
- -20.0% to -39.9%: 0 neighborhoods
- Loss of 40.0% or more: 0 neighborhoods

Under 5,000 Asian NH in 2000 and 2010

Source: U.S. Census Bureau: 2000 and 2010 Censuses-Summary File 1
Population Division-New York City Department of City Planning

* 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

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**Percent Change**

- **Gain of 40.0% or more** (21 neighborhoods)
- **20.0% to 39.9%** (16)
- **10.0% to 19.9%** (24)
- **5.0% to 9.9%** (17)
- **-4.9% to 4.9%** (24)
- **-5.0% to -9.9%** (7)
- **-10.0% to -19.9%** (14)
- **-20.0% to -39.9%** (6)
- **Loss of 40.0% or more** (0)

- **Under 5,000 Hispanic in 2000 and 2010**

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* 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.

Source: U.S. Census Bureau: 2000 and 2010 Censuses-Summary File 1
Population Division-New York City Department of City Planning
Population Challenges and Issues
Population by Borough
New York City, 2007 and 2030

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

Bronx
2,528,050
2,718,967

Manhattan
1,620,867
1,826,547

Queens
2,270,338
2,565,352

Brooklyn
1,373,659
1,457,039

Staten Island
481,613
551,906

Sources: 2007 Census Bureau Estimates, 2030 Department of City Planning Population Projections
Population Division-New York City Department of City Planning
New York City's Elderly, by Borough, 2007 and 2030

Sources: 2007 Census Bureau Estimates, 2030 Department of City Planning Population Projections
Population Division-New York City Department of City Planning
Persons by English Language Ability
New York City, 2010

Total Persons Ages 5 and Over = 7,670,643

- Speaks English at Home: 3,889,483 (51%)
  - English Proficient: 1,964,561 (25%)
  - Not English Proficient: 1,924,922 (24%)

- Speaks language other than English at home: 3,781,160 (49%)

Source: U.S. Census Bureau, 2010 American Community Survey-Public Use Microdata Sample
Population Division-New York City Department of City Planning
# Limited English Proficient Population by Language Spoken at Home
## New York City, 2010

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

* Includes Chinese, Cantonese, Mandarin, and Formosan

Source: U.S. Census Bureau, 2010 American Community Survey-Public Use Microdata Sample
Population Division-New York City Department of City Planning
Nativity of Resident Workers* by Occupation
New York City, 2010

% Foreign-born = 32.9 38.9 62.8 64.8 65.4 64.9

200 400 600 800 1,000 1,200 1,400 1,600

46% of all resident workers* were foreign-born

Source: U.S. Census Bureau, 2010 American Community Survey-Public Use Microdata Sample
Population Division- New York City Department of City Planning
Percent Population without Health Insurance Coverage by PUMA
New York City, 2008-2010

Percent
- 20.0 or more (8 PUMAs)
- 16.0 to 19.9 (12)
- 12.0 to 15.9 (17)
- 10.0 to 11.9 (8)
- Less than 10.0 (10)

NYC = 14.6%
Data Links

• DCP Population Division Web site: www.nyc.gov/population

• New York City Census FactFinder: http://gis.nyc.gov/dcp/pa/address.jsp

• Census Bureau Web site: www.census.gov
Percent Change in Population by Neighborhood Tabulation Area*  
New York City, 2000 to 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.

Source: U.S. Census Bureau: 2000 and 2010 Censuses-Summary File 1  
Population Division-New York City Department of City Planning
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

<table>
<thead>
<tr>
<th>Median Age</th>
<th>Number of Neighborhoods</th>
</tr>
</thead>
<tbody>
<tr>
<td>40.0 years or more</td>
<td>41</td>
</tr>
<tr>
<td>38.0 to 39.9 years</td>
<td>23</td>
</tr>
<tr>
<td>35.5 to 37.9 years</td>
<td>30</td>
</tr>
<tr>
<td>33.0 to 35.4 years</td>
<td>47</td>
</tr>
<tr>
<td>30.0 to 32.9 years</td>
<td>31</td>
</tr>
<tr>
<td>Under 30.0 years</td>
<td>16</td>
</tr>
</tbody>
</table>

NYC Median = 35.5 (41 neighborhoods)

Source: U.S. Census Bureau, 2010 Census, Summary File 1 Population Division-New York City Department of City Planning

* 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.