

# One Region:

## Planning for a Strong and Just Metropolis



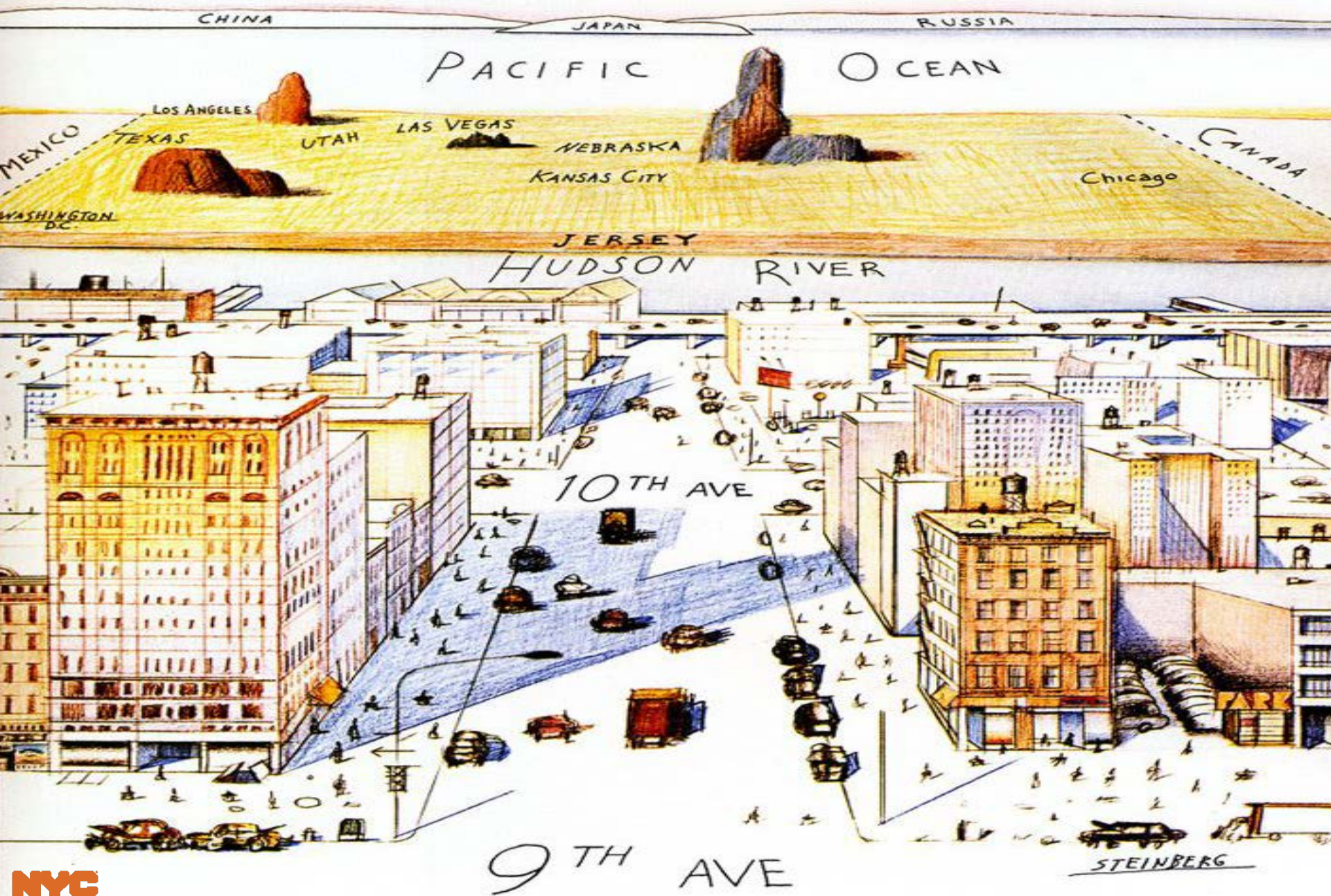
# Connecticut Health Collaborative

August 9, 2017

**Carolyn Grossman Meagher, Director**  
*NYCDCP Regional Planning Division*

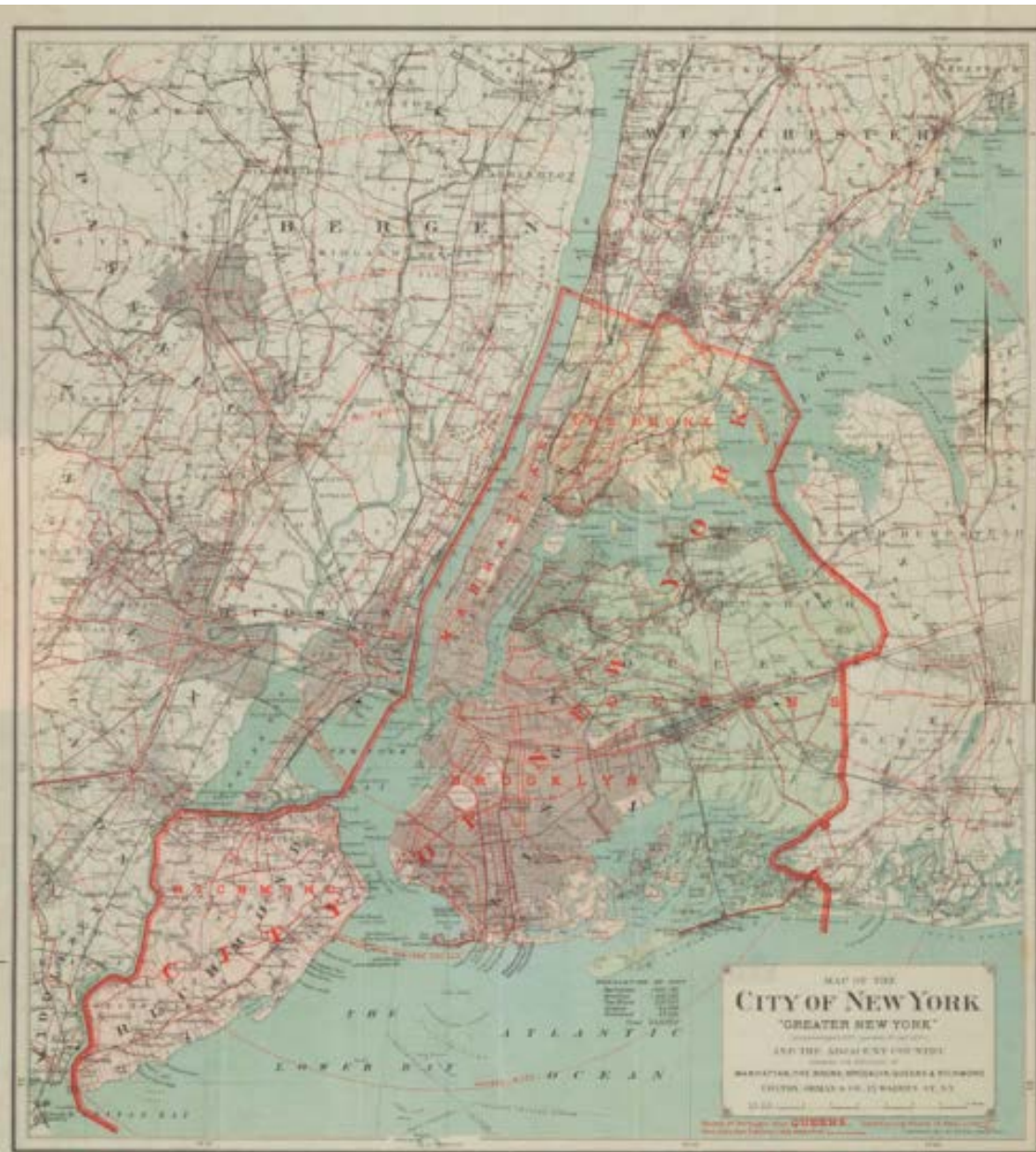


# Regional Planning in NYC?





# New York Metropolitan Region, 1898



## VOTE FOR GREATER NEW-YORK

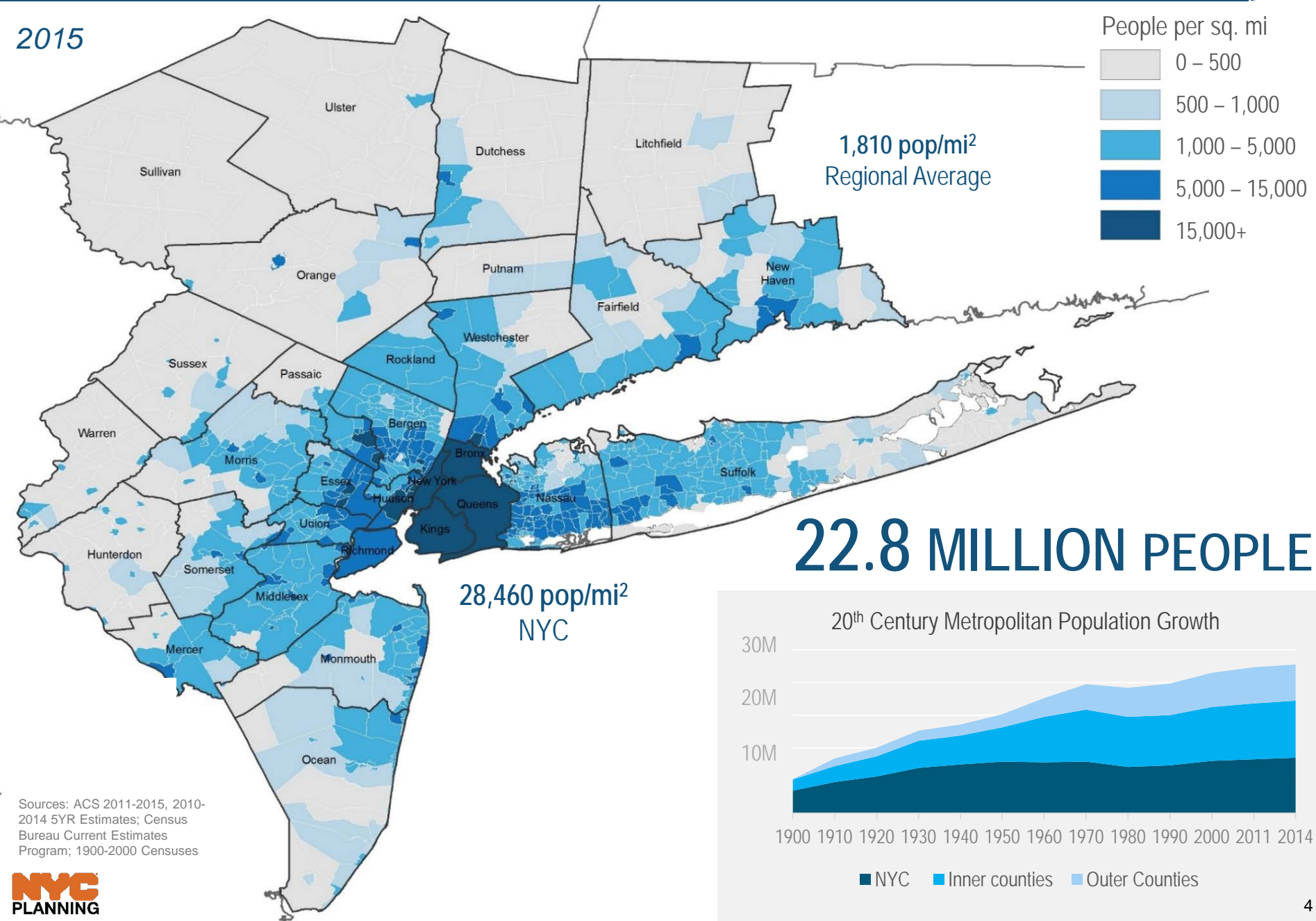
### COMMISSIONERS OFFER ARGUMENTS FOR A MIGHTY CITY.

**The Result of Their Long Investigation Presented by President Green at a Meeting Yesterday — Voters Should Be Careful About the Ballot for Consolidation — Union Demanded by Every Consideration of Social and Business Convenience.**

There was a meeting of the Greater New-York Commission yesterday afternoon at 214 Broadway. The following Commissioners were present: Andrew H. Green, who is President of the commission; T. W. Devoe, J. J. Greenfield, W. D. Veeder, Edward F. Linton, John L. Hamilton, Calvert Vaux, and Secretary Albert E. Herschel.

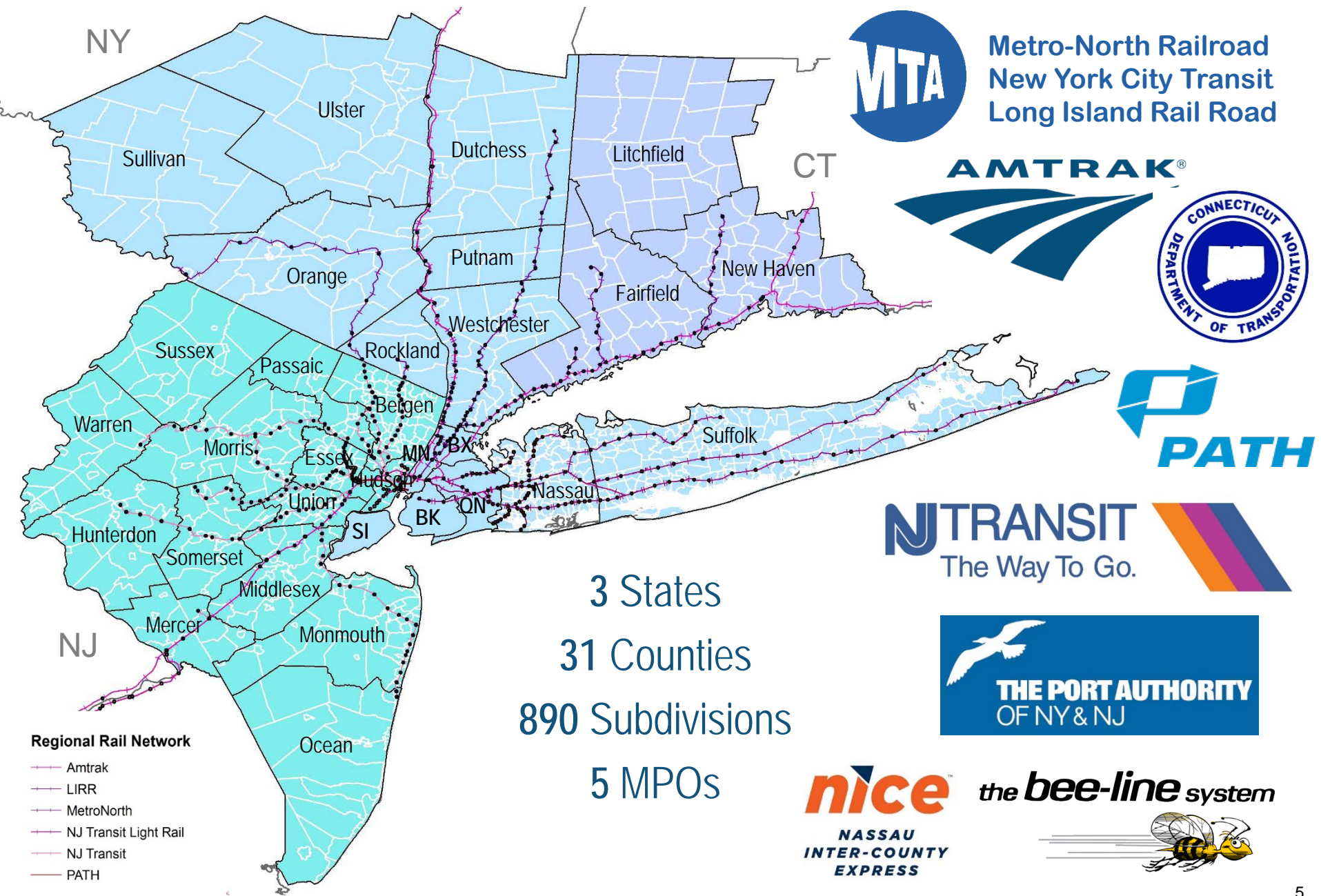
President Green presided at the meeting. He submitted the following document, giving the views of the commission on the consolidation of Brooklyn and the districts with New-York:

# New York Metropolitan Region, Today





# Layers of Regional Governance



# One New York

The Plan for a Strong  
and Just City



The City of New York  
Mayor Bill de Blasio

Anthony Shorris  
First Deputy Mayor

**NYC**

## VISION 1

Our Growing,  
Thriving City

## VISION 2

Our Just and  
Equitable City

## VISION 3

Our Resilient City

## VISION 4

Our Sustainable City



# One New York

The Plan for a Strong  
and Just City

## VISION 1

Our Growing,  
Thriving City

## VISION 2

### **A Regional Perspective**

To make the changes we need, OneNYC recognizes that we need to reach out to our neighbors so that our whole region may thrive. The strength of the city is essential for the strength of the region, and strong communities around the city make it more competitive nationally and globally.



The City of New York  
Mayor Bill de Blasio

Anthony Shorris  
First Deputy Mayor

**NYC**

## VISION 4

Our Sustainable City



# Regional Planning Strategy

## Mission

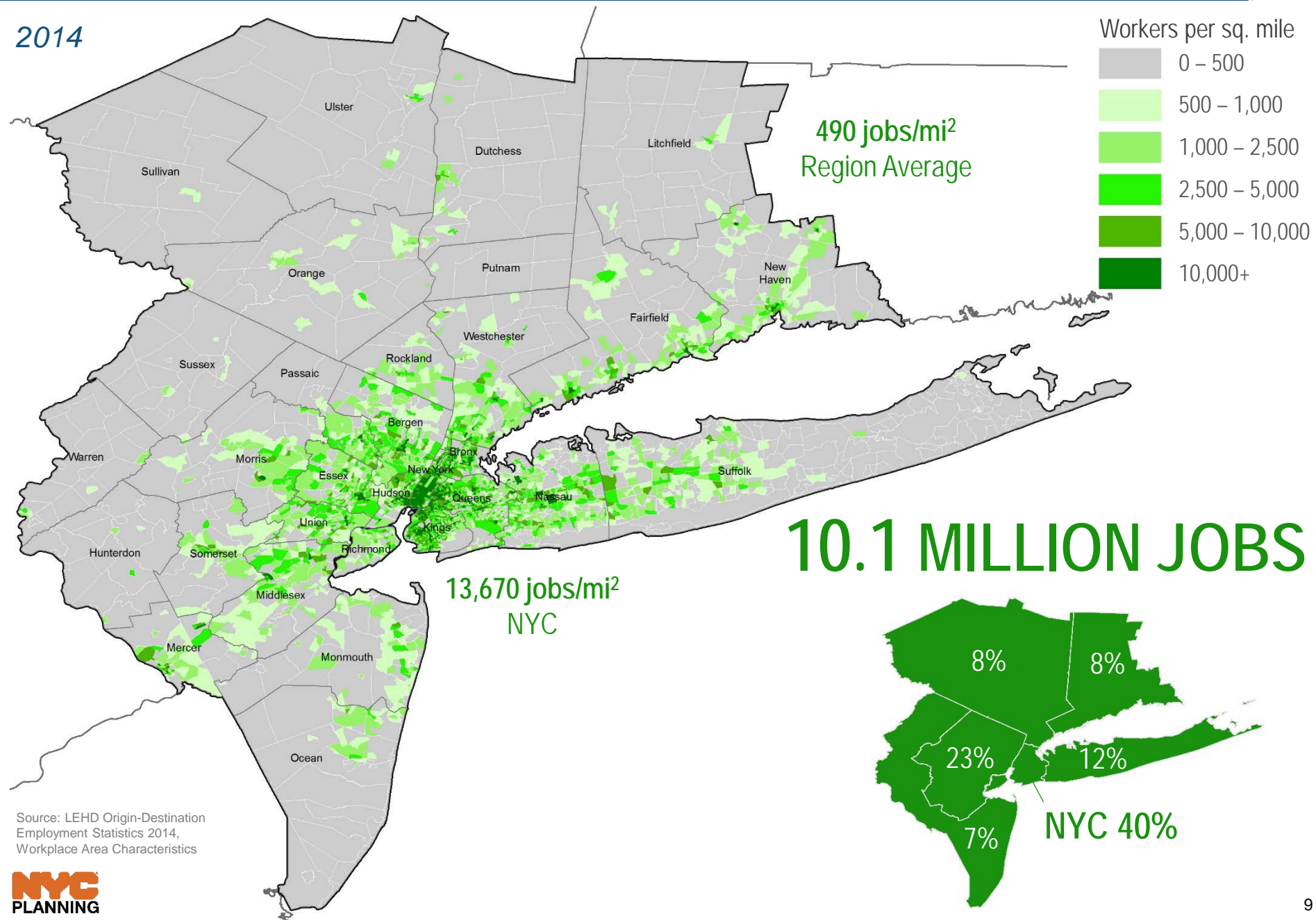
Enhance the city's ability to understand and affect planning issues at the scale of the region

## Goals

- 1** **Connect & build relationships with other local government planning leadership**
- 2** **Understand and explain region trends through data**
- 3** **Support strategic opportunities for multilateral regional cooperation**
- 4** **Articulate regional perspective within existing NYC planning activities**
- 5** **Advocate for city's interest in regional policy and infrastructure priorities**



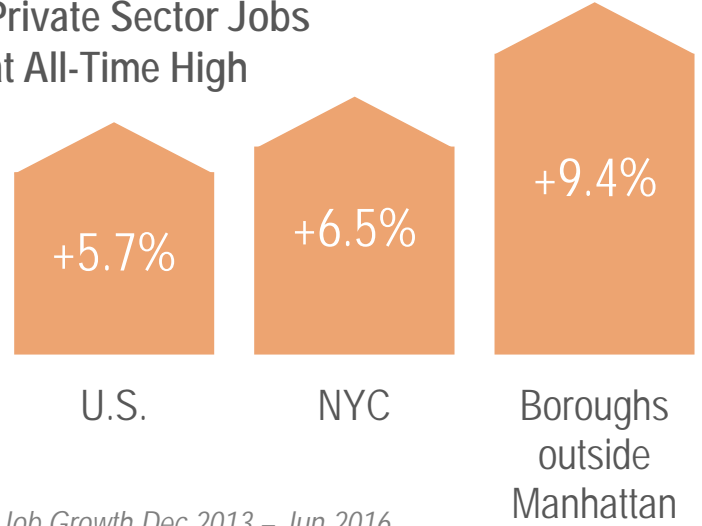
# New York Metropolitan Economy, Today



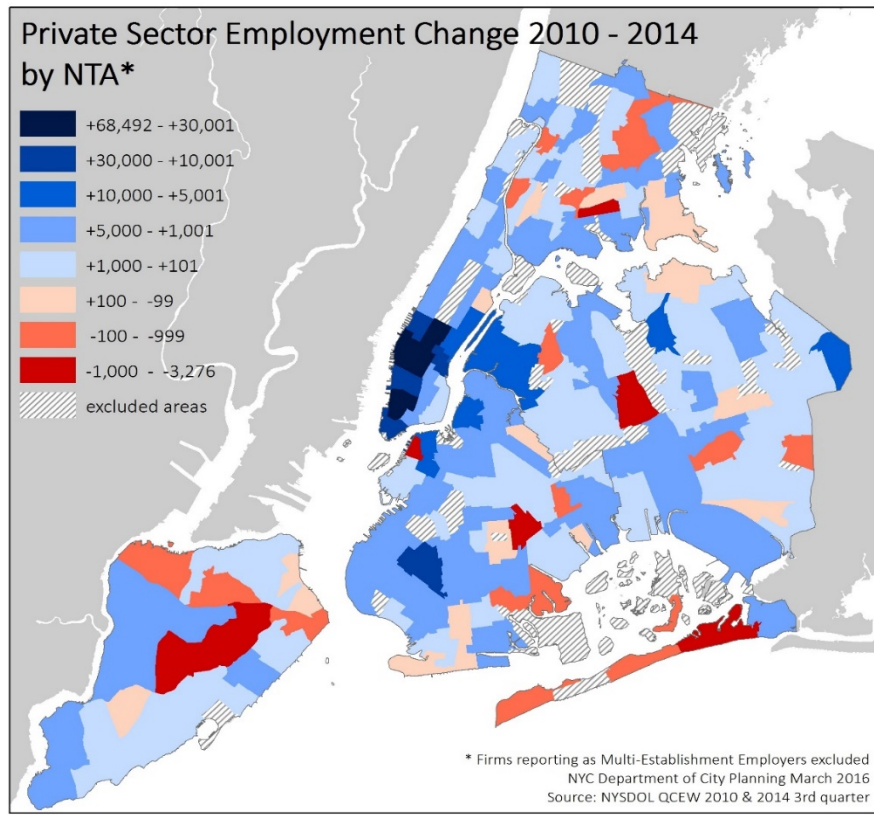
# NYC is experiencing record economic prosperity

## 4.4 Million Jobs as of May 2017

Private Sector Jobs  
at All-Time High



Labor Force Participation at Historic High



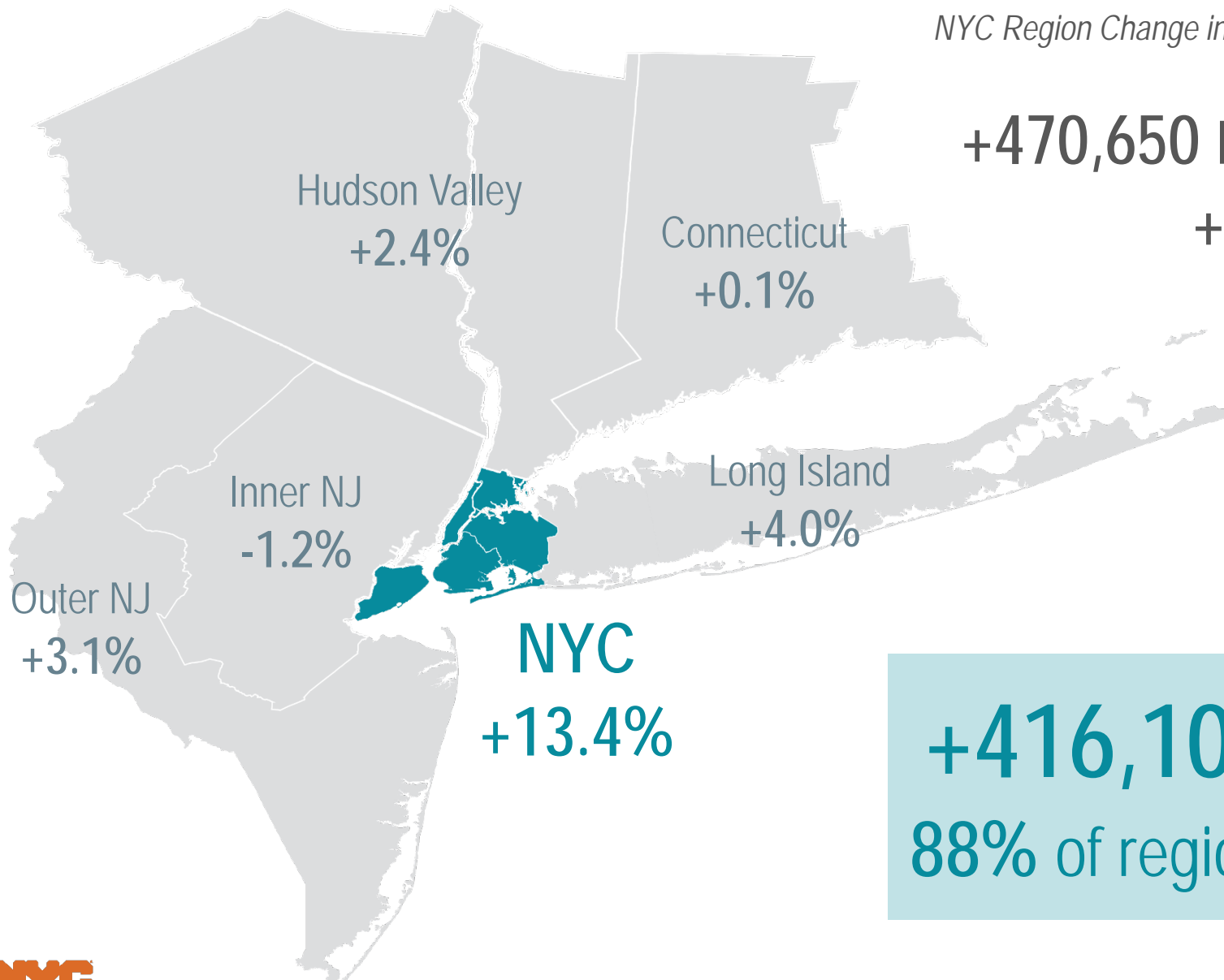
May 2017



# Post-recession, NYC accounted for nearly 90% of regional private job gains

*NYC Region Change in Private Employment  
2008 – 2015*

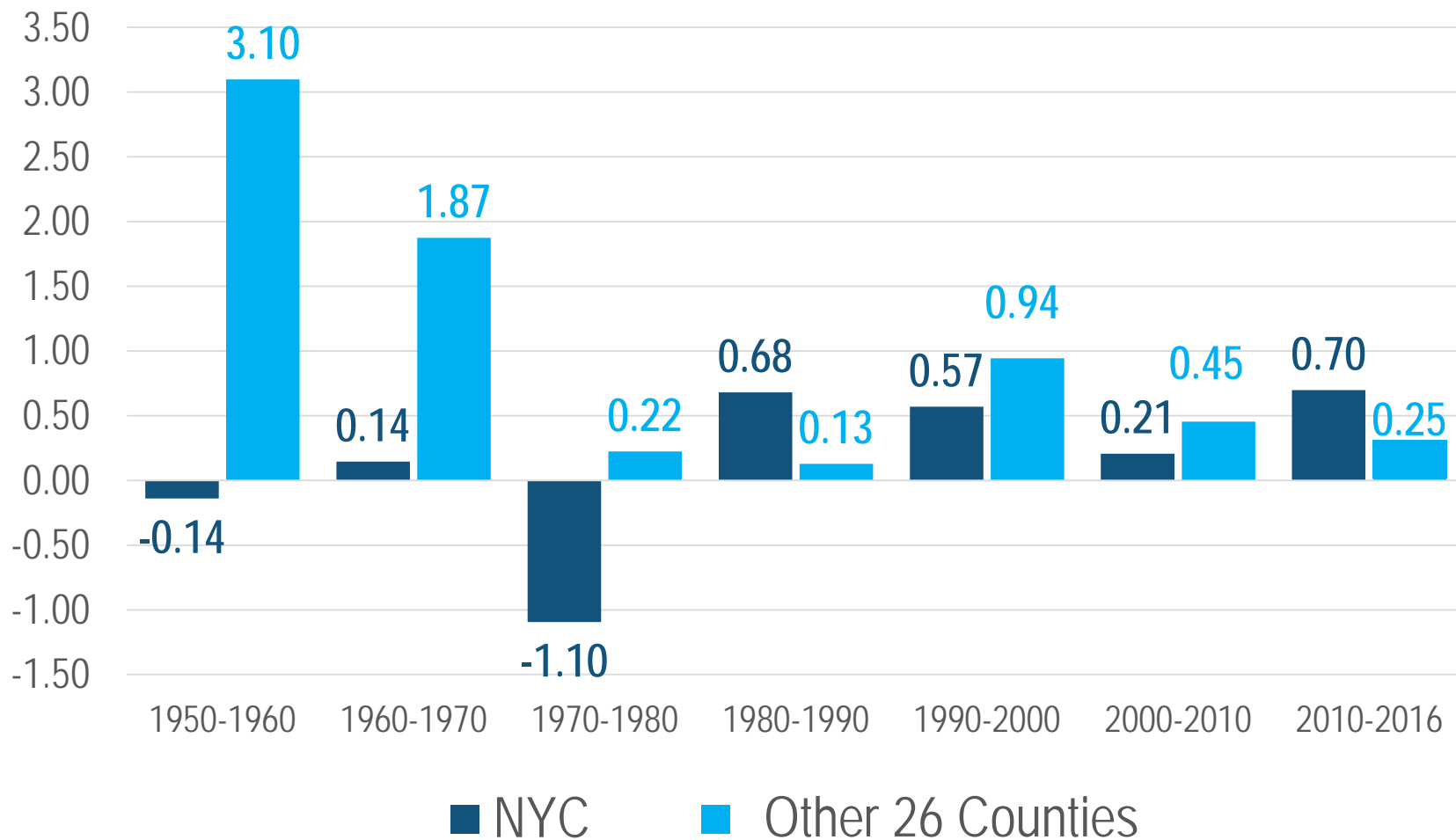
**+470,650 Private Jobs**  
**+6% growth**



**+416,100 jobs**  
**88% of region growth**

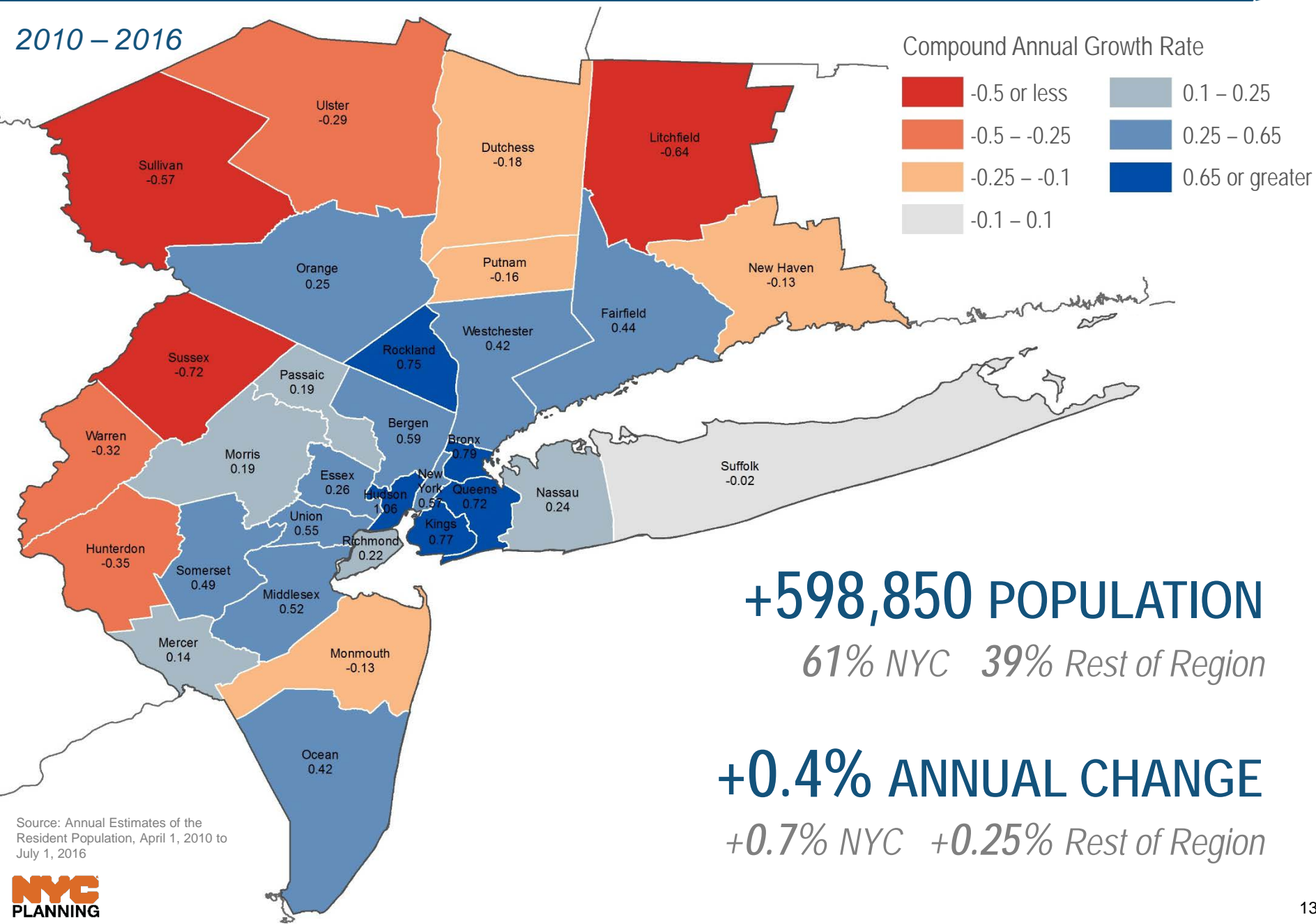
# Compound Annual Growth Rate by Decade, 1950-2016

## NYC vs. Other 31 County Region Counties



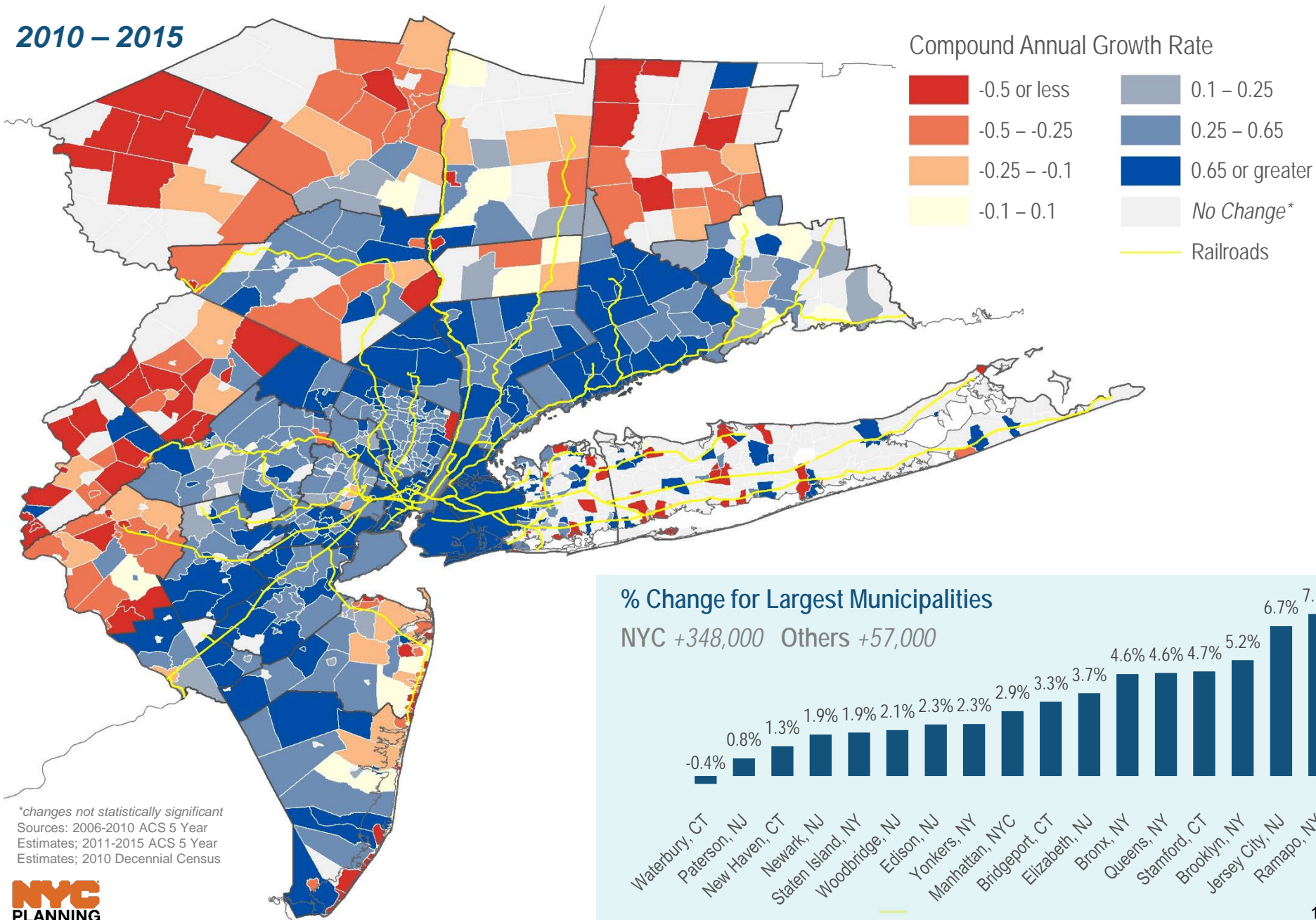


# Imbalance in Regional Population Growth



# Population Growth Focused Along Transit Corridors

2010 – 2015



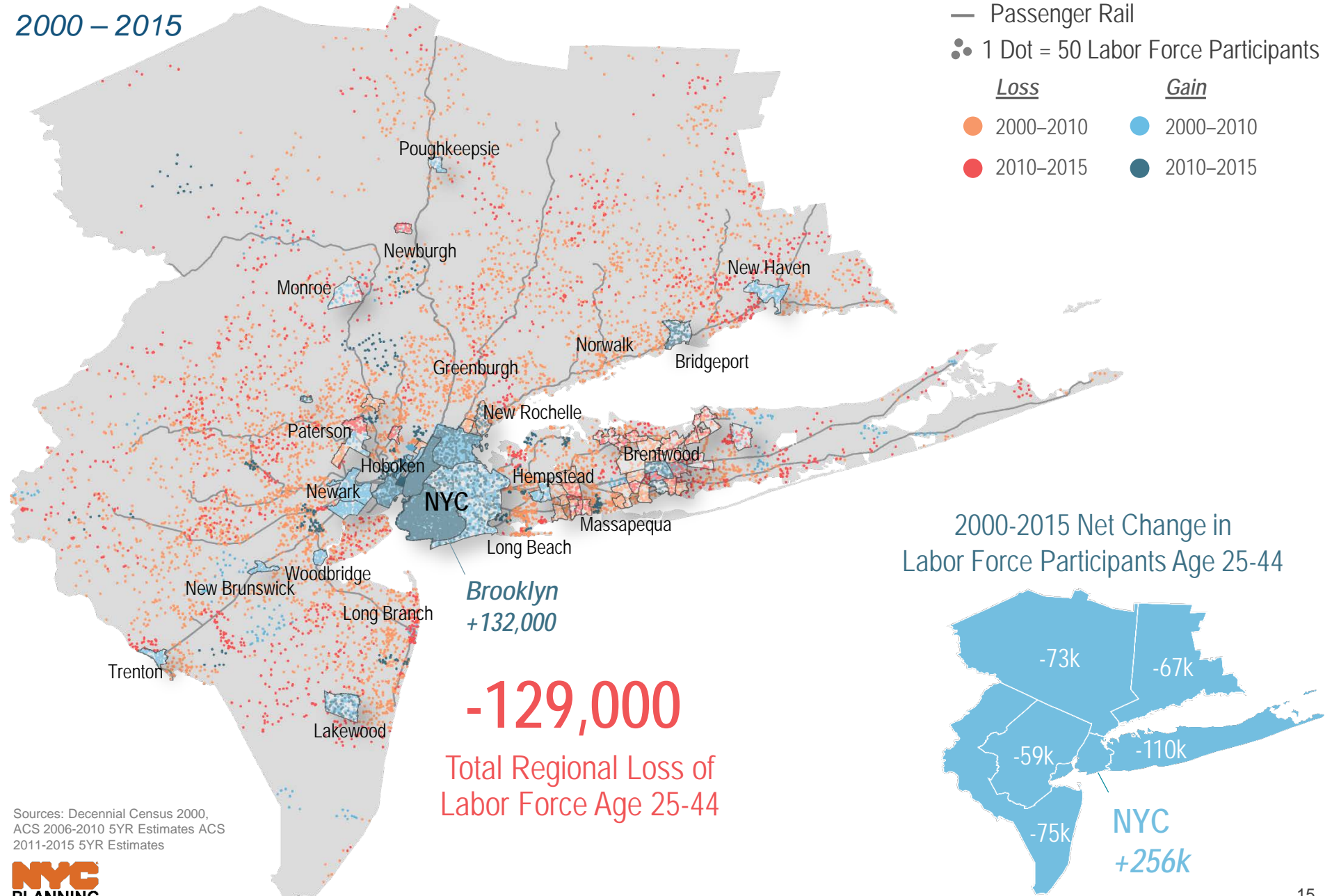


# NYC overwhelmingly gained labor participants of prime workforce age, 25-44

**DRAFT**

NOT FOR DISTRIBUTION

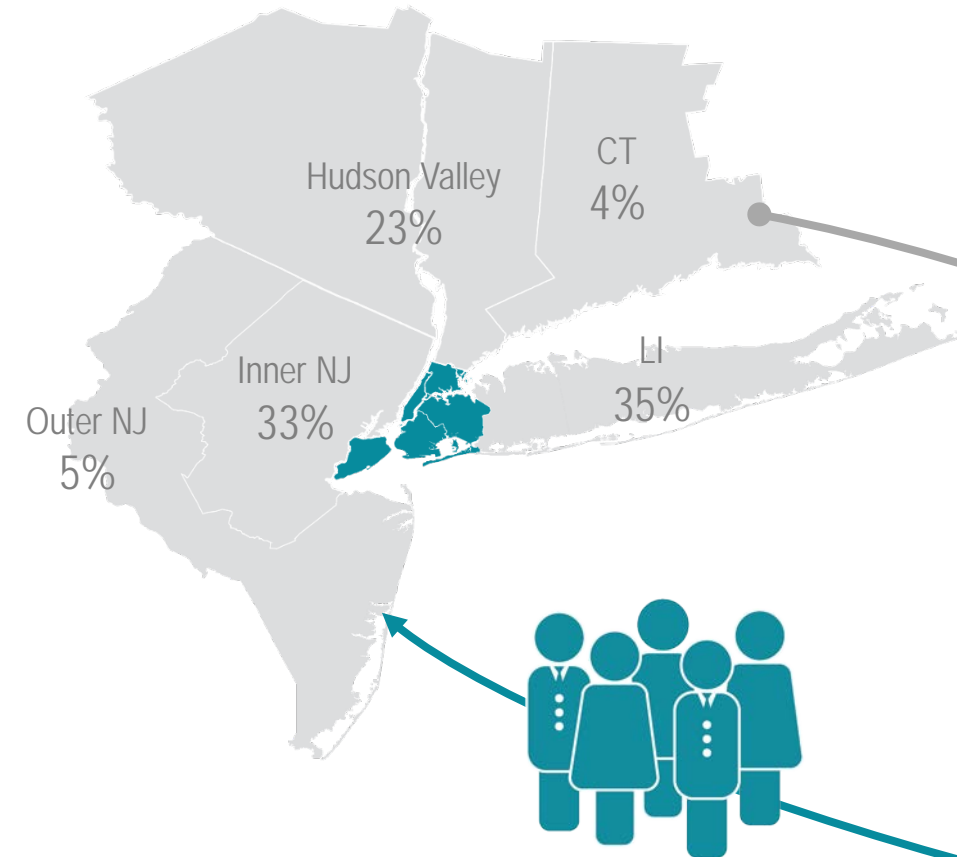
2000 – 2015



Sources: Decennial Census 2000,  
ACS 2006-2010 5YR Estimates ACS  
2011-2015 5YR Estimates

# The regional labor market is highly interconnected

Share of Commuters to NYC by Subregion, 2014



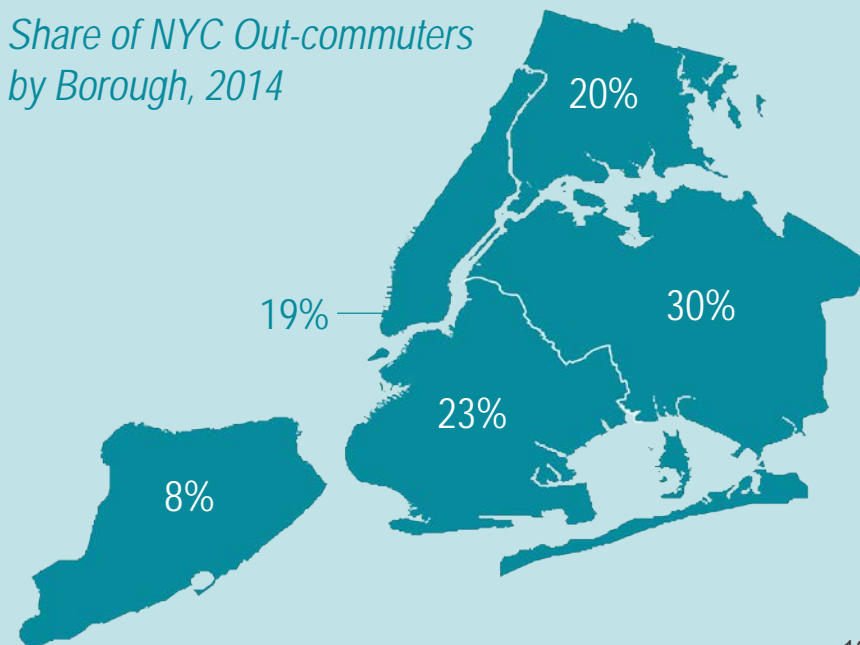
In-Commuting to NYC  
+1.03 Million jobs



Out-Commuting from NYC  
+475,000 jobs



Share of NYC Out-commuters  
by Borough, 2014



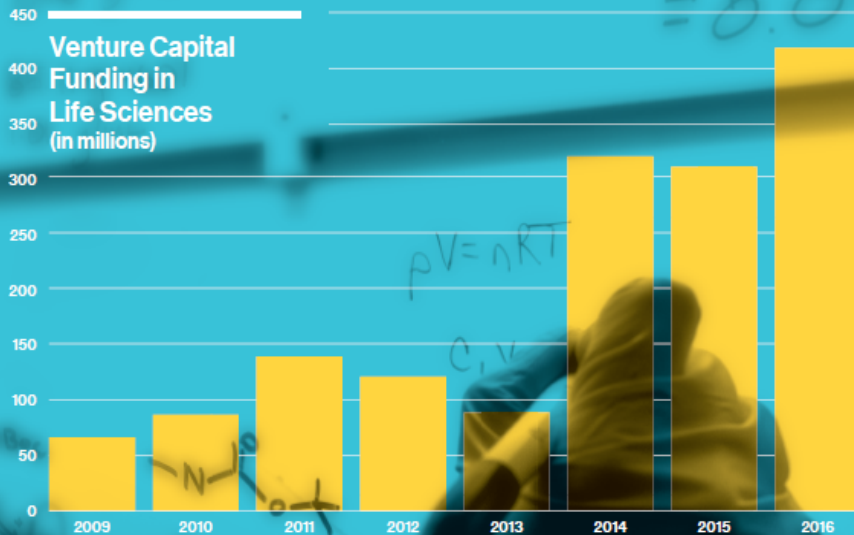




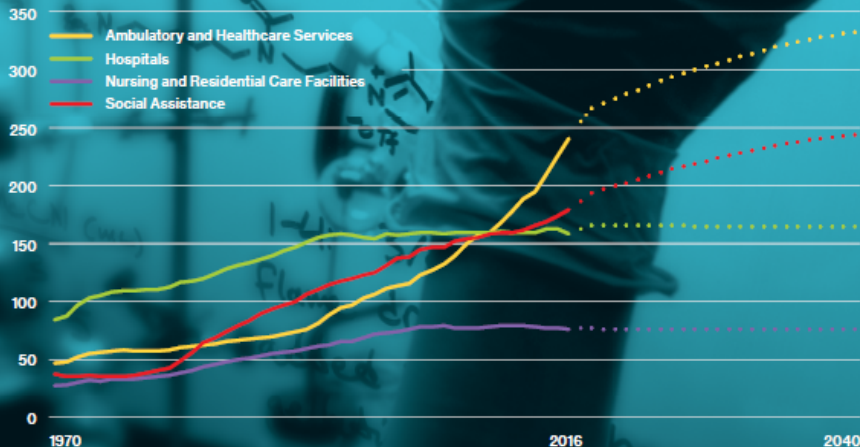
## *Create 100,000 middle-class jobs*

- Attract new industries
- Cultivate/modernize existing industries
- Provide high-quality, flexible commercial space
- Train the workforce for new jobs

# LIFE SCIENCES



Historical and Projected Employment in NYC's Healthcare and Social Assistance Industry



Source: Moody's Data Bullet

## Life Sciences and Healthcare: Good Jobs and Better Lives

43

**The New York metropolitan area has the largest bioscience workforce in the country, \$1.4 billion in National Institutes of Health (NIH) awards, and the world's largest concentration of academic institutions with nine major academic medical centers.**

The City will support the creation of 15,000 jobs within the life sciences and healthcare sectors, continuing to spur the development of the life sciences ecosystem and focusing on improved healthcare delivery.

New York City is well positioned for success in the life science industry, providing world-renowned research, talent, and resources that no other city can offer. The New York metropolitan area has the largest bioscience workforce in the country, \$1.4 billion in National Institutes of Health (NIH) awards, and the world's largest concentration of academic institutions with nine major academic medical centers including Columbia University Medical Center, Weill Cornell Medical College, NYU Langone Medical Center, Mt. Sinai Medical Center, Albert Einstein College of Medicine, and Rockefeller University. With over 120 life science companies, the city has a strong foundation to build upon to become the home of the life sciences industry.

Healthcare is the largest employer in New York City, with approximately 650,000 jobs. Within the industry, ambulatory health services have seen employment growth of over 60 percent between 2006 and 2016, while wages grew around 40 percent. The City is actively working to ensure that quality healthcare jobs are available and continue to grow in communities across all five boroughs. At the same time, the nature of healthcare delivery is rapidly changing; costs are skyrocketing, the population is aging, and technology is disrupting old models. To ensure that growth continues in this important sector, the City will support innovative companies that are developing new technologies and business models for care.

To fulfill the strategy of creating 15,000 quality jobs over the next ten years in the life sciences and healthcare sectors, the City will invest in both with the objective to:

- » Vault New York City to the forefront of research and innovation in life sciences
- » Drive innovation in healthcare to improve delivery and health outcomes

**The nature of healthcare delivery is rapidly changing; costs are skyrocketing, the population is aging, and technology is disrupting old models.**





## NEW YORK CITY: A GLOBAL LEADER IN LIFE SCIENCES

**9** major research centers

**50+** hospitals

**100+** research foundations

**7,000** graduate students and postdocs at universities

**13,700** commercial jobs

**450,000** healthcare jobs

**\$1.5 billion** in annual NIH funding

**10-year, \$500 million** research and innovation investment





## NEW YORK CITY LIFE SCIENCES LANDMARKS

### Academic Medical Centers

- 1 Albert Einstein College of Medicine
- 2 Columbia University College of Physicians and Surgeons
- 3 Hospital for Special Surgery
- 4 Memorial Sloan Kettering Cancer Center
- 5 Mount Sinai School of Medicine
- 6 NYU Langone Medical Center
- 7 The Rockefeller University
- 8 SUNY Downstate Medical Center
- 9 Weill Cornell Medical Center

### Commercial Life Sciences

- 10 Alexandria Center for Life Science
- 11 BioBAT @ Brooklyn Army Terminal

### Incubators

- 12 Harlem Biospace
- 13 JLABS @ NYC
- 14 Launch Labs
- 15 New Lab
- 16 SUNY Downstate Advanced Biotechnology Incubator

### Nonprofit Institutions

- 17 CUNY Advanced Science Research Center
- 18 Flatiron Institute
- 19 The New York Academy of Sciences
- 20 New York Blood Center
- 21 New York Genome Center
- 22 New York Stem Cell Foundation
- 23 New York Structural Biology Center
- 24 Tisch Multiple Sclerosis Research Center

### Universities & Colleges

- 25 Columbia University
- 26 CUNY City College of New York
- 27 Cornell Tech
- 28 Fordham University (Rose Hill Bronx campus)
- 29 New York University (NYU)
- 30 NYU Tandon School of Engineering
- 31 St. John's University (Queens campus)

*Non-exhaustive list*





**Building on the life sciences industry's tremendous growth, New York City is investing \$500 million in ten strategic initiatives across three key areas.**



## **CONNECT**

research with industry  
to strengthen life  
sciences institutions



## **UNLOCK**

space for companies  
to grow in  
New York City



## **BUILD**

a pipeline for diverse  
life sciences  
talent

# Economic issues for NYC as it relates to the region

## Jobs Access

Ensure **NYC residents** can continue to access quality jobs in the region, especially in transit-oriented areas

## Sectoral Growth

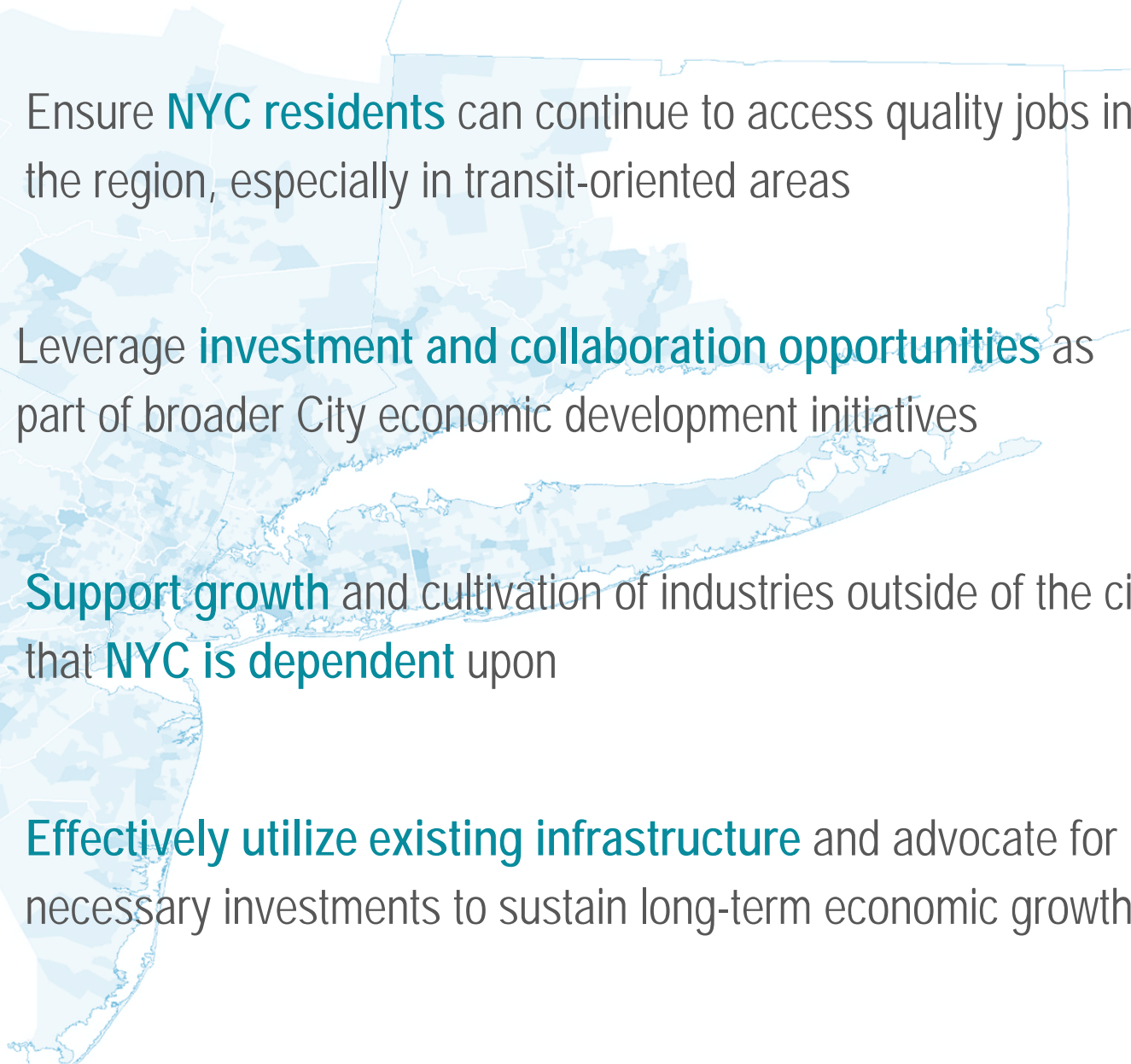
Leverage **investment and collaboration opportunities** as part of broader City economic development initiatives

## Regional Resources

**Support growth** and cultivation of industries outside of the city that **NYC is dependent** upon

## Transit & Mobility

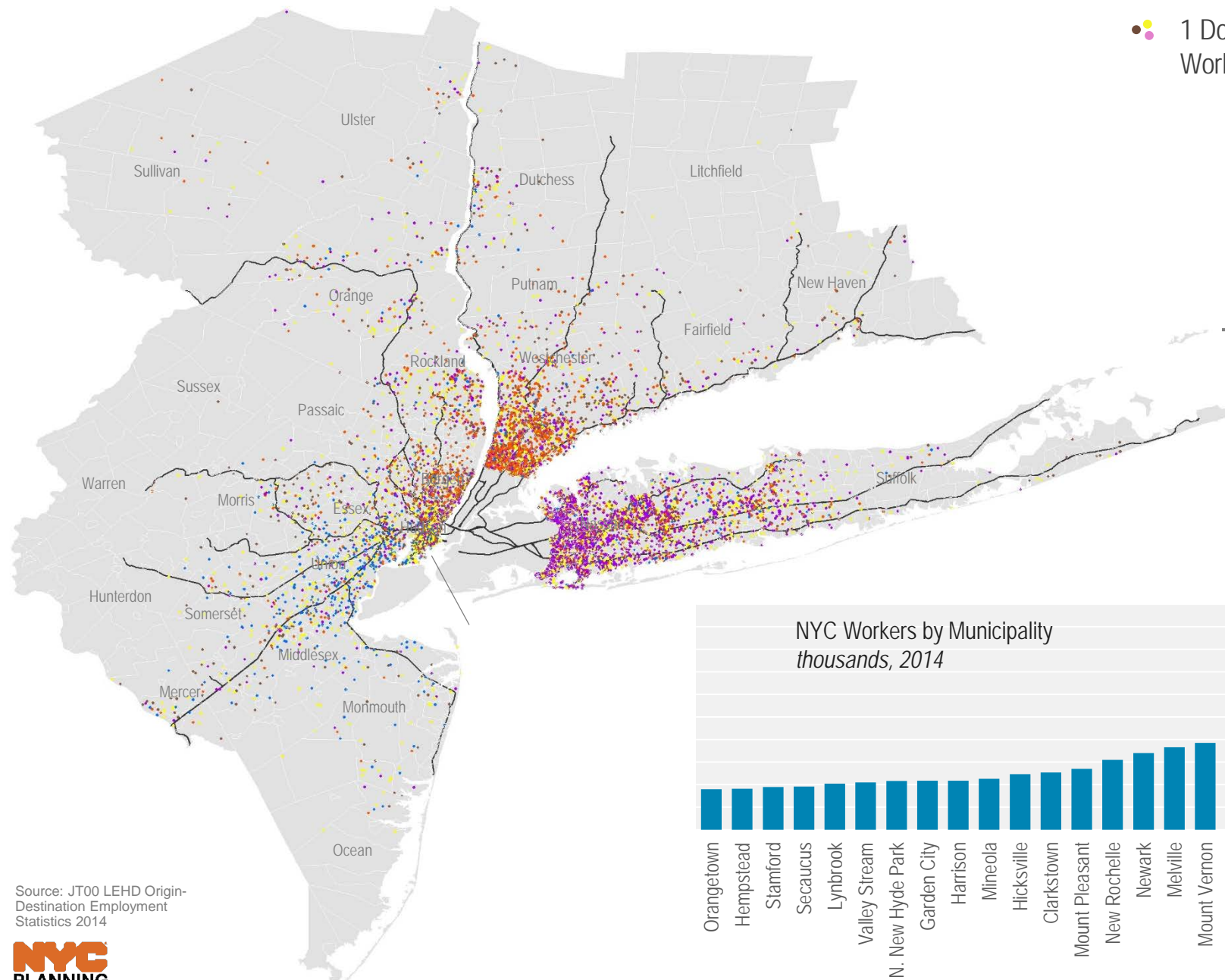
**Effectively utilize existing infrastructure** and advocate for necessary investments to sustain long-term economic growth



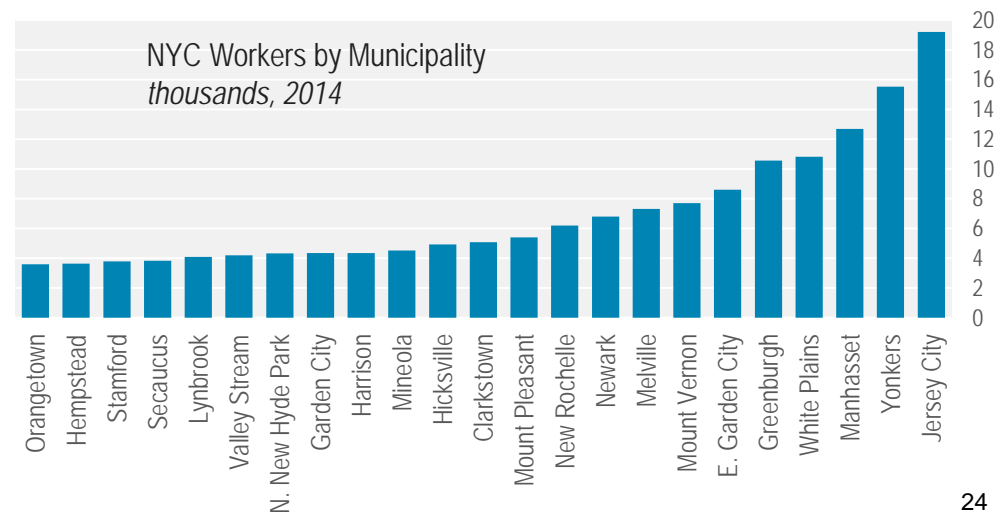
# Greatest opportunity accessed by NYC workers in adjacent municipalities

1 Dot = 50 NYC Resident Working Outside of NYC

- Bronx
- Brooklyn
- Manhattan
- Queens
- Staten Island
- Passenger Rail



NYC Workers by Municipality  
thousands, 2014



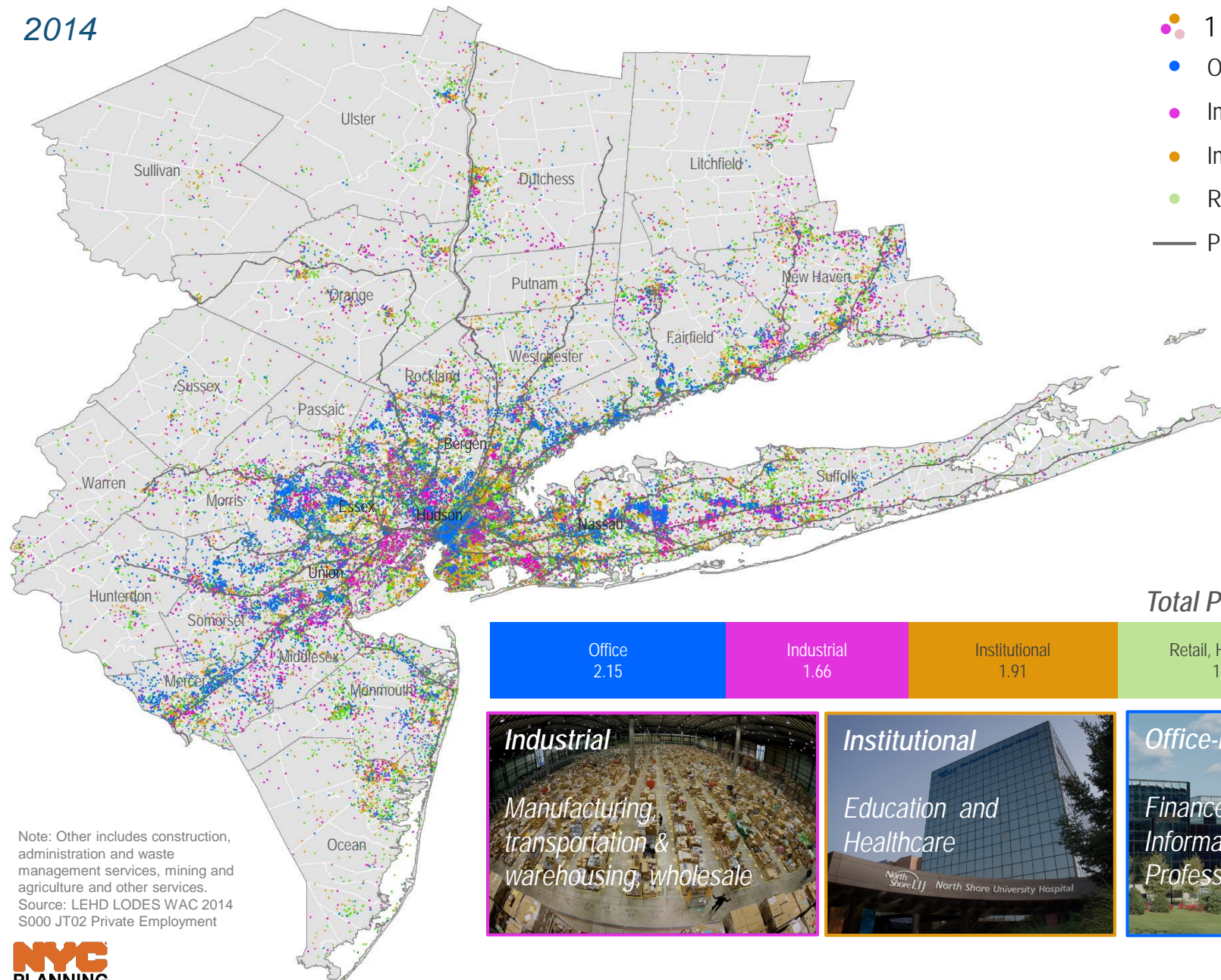
Source: JT00 LEHD Origin-Destination Employment Statistics 2014



# Mix of office, industrial, institutional and service jobs

2014

- 1 Dot = 150 jobs
- Office-based
- Industrial
- Institutional
- Retail, Hospitality Services
- Passenger Rail Line

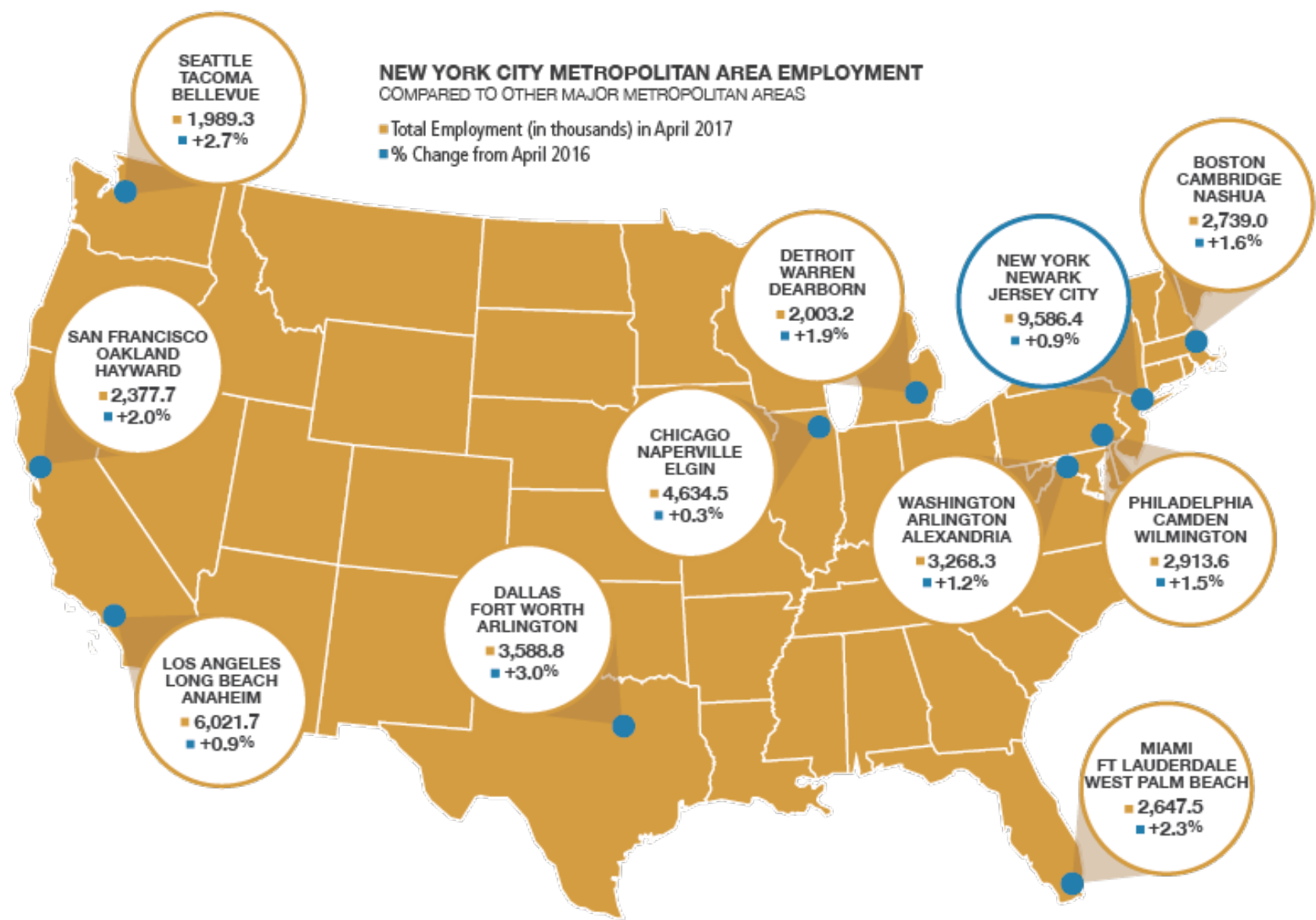


Total Private Jobs, millions

Office 2.15	Industrial 1.66	Institutional 1.91	Retail, Hospitality 1.98	Other 0.98
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# Continued success of the NYC economy is constrained by the strength of the region

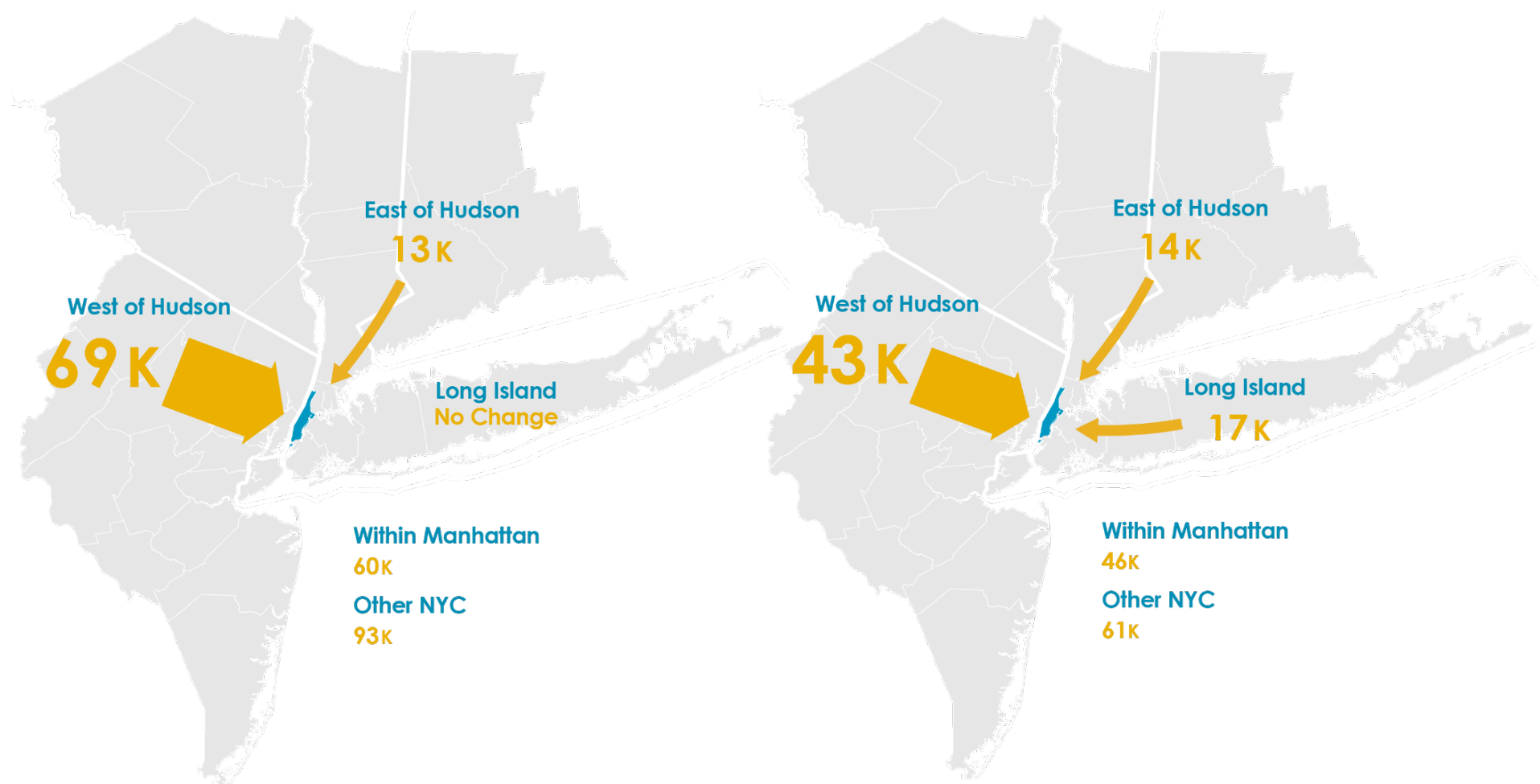


# Shifting Balance Between NYC and Suburbs

## Increase in Manhattan-bound Commuters

1990 – 2010

2010 – 2014

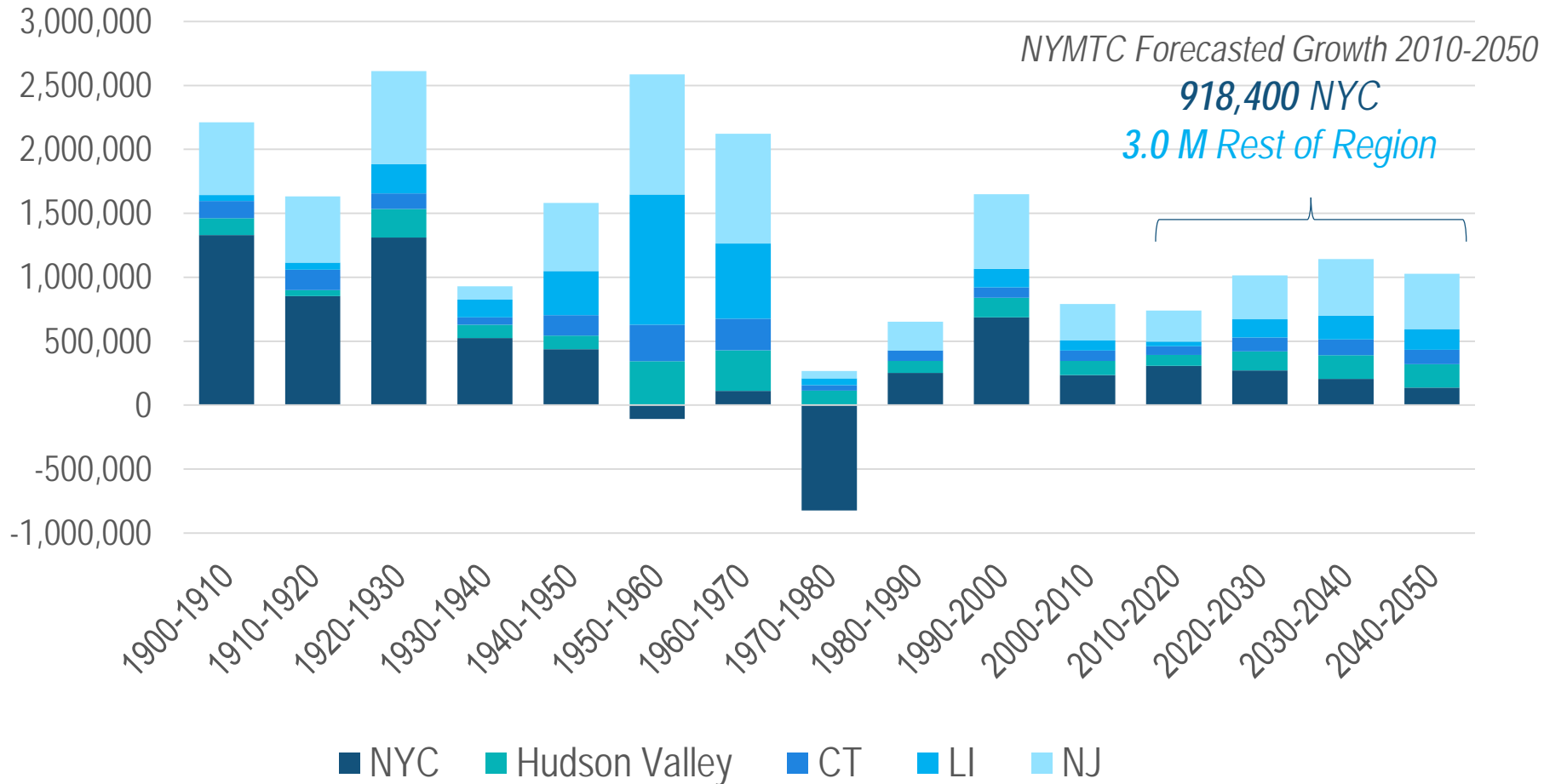






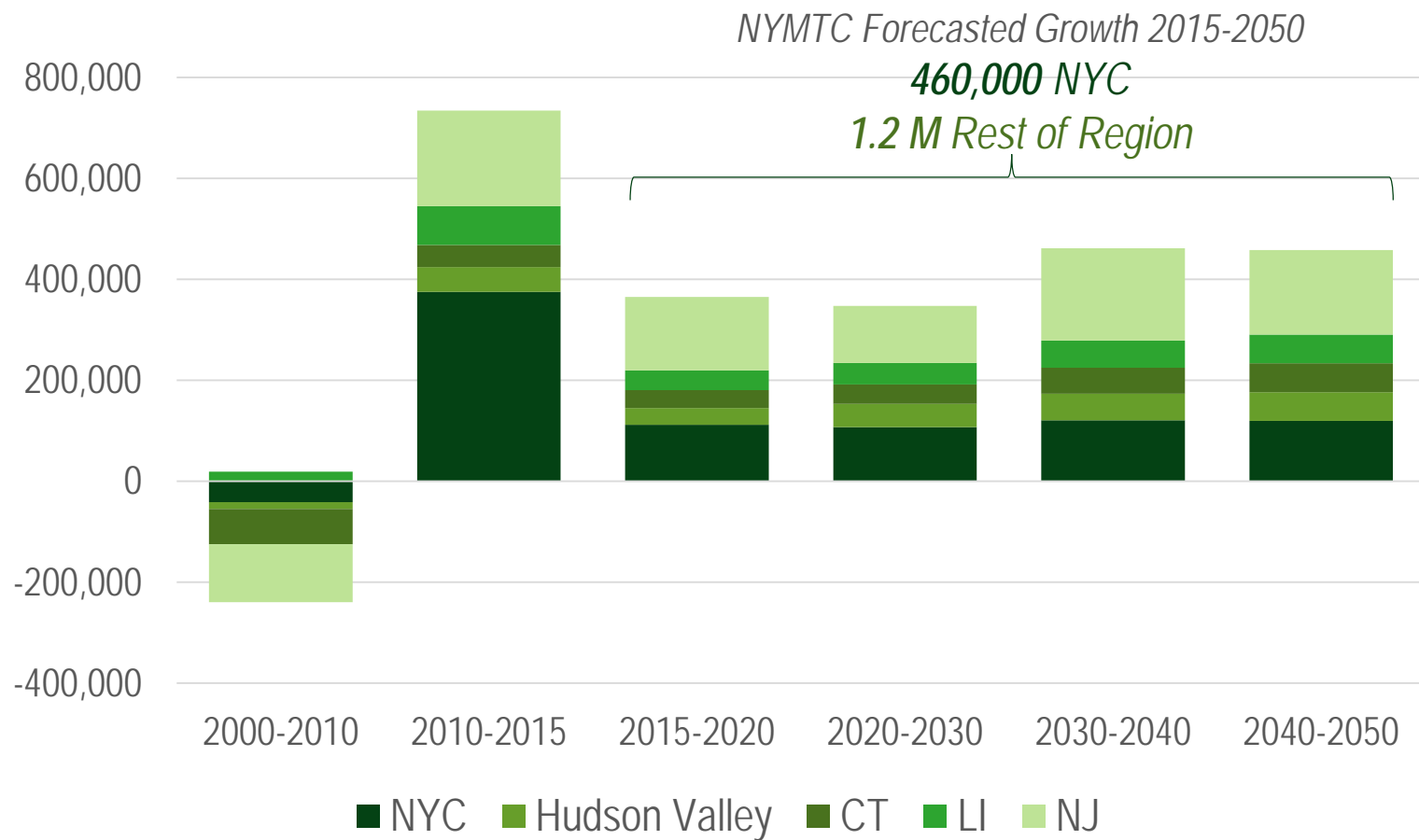
# NYMTC Projects Future Growth Fueled by Suburbs

## Historical & Forecasted Growth, by 31 County Subregion

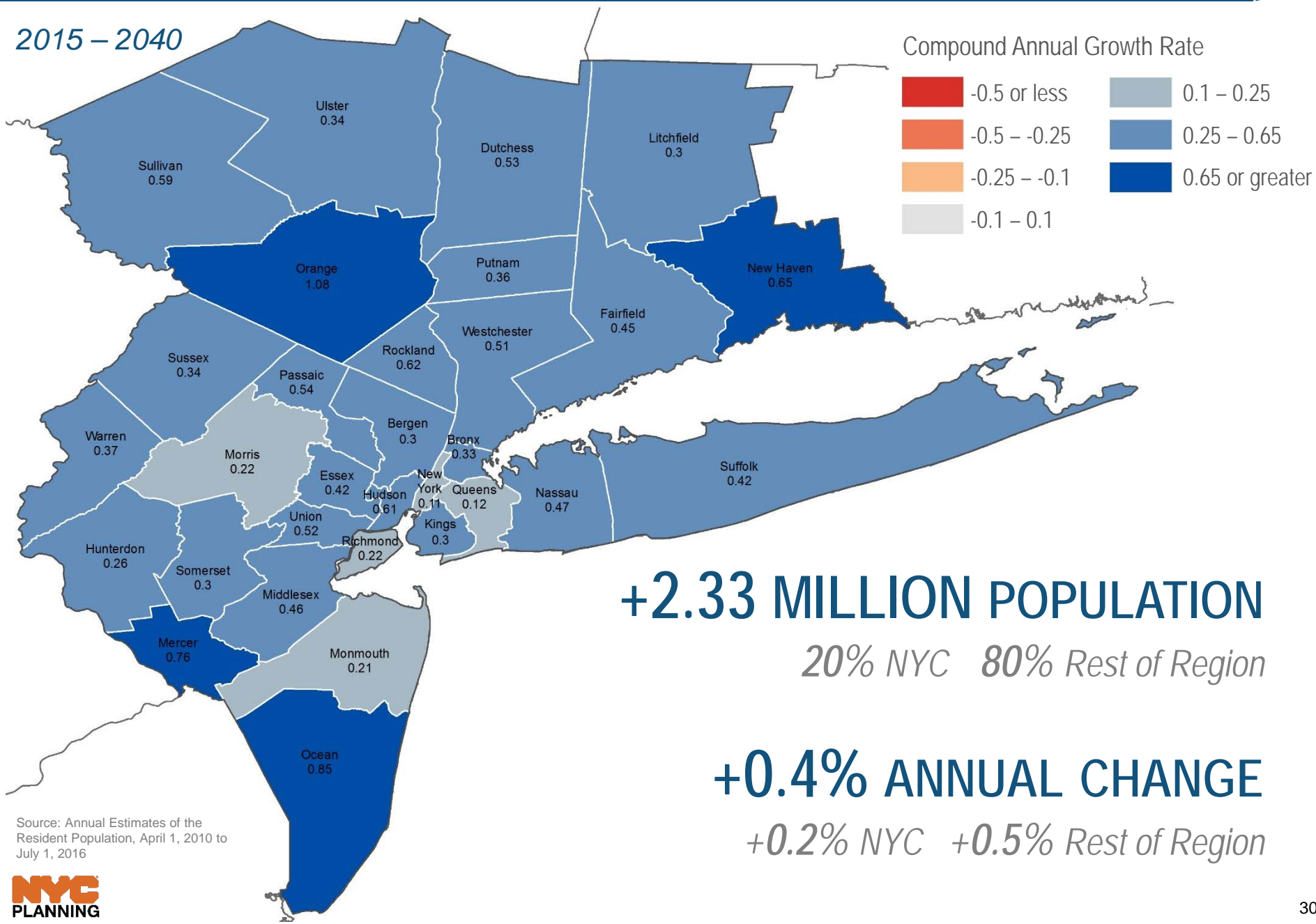


# Similarly, Employment Growth Fueled Outside NYC

## Historical & Forecasted Growth, by 31 County Subregion



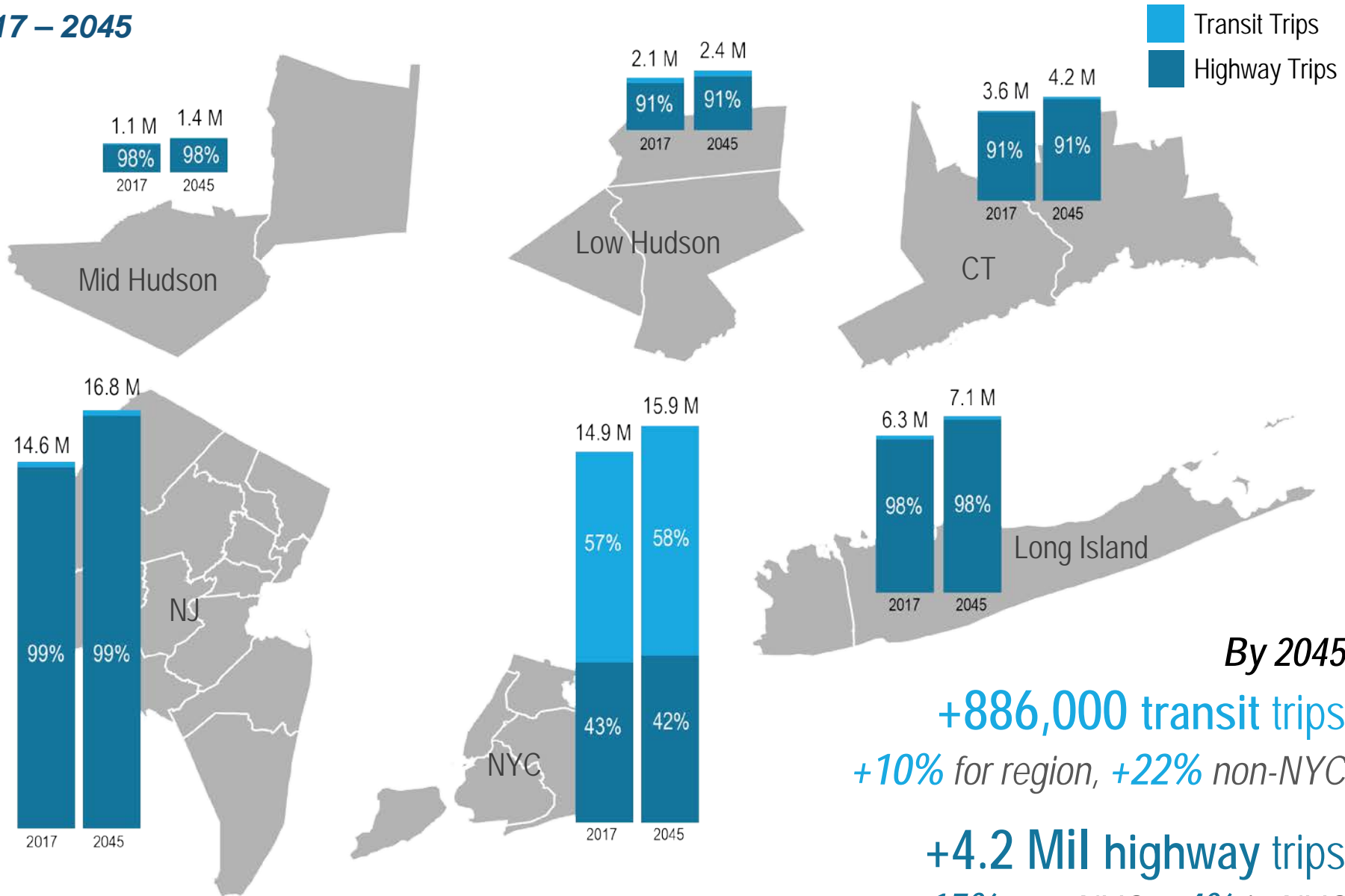
# NYMTC Projections Indicate Widespread Growth by 2040





# Consequences of Projection: More intraregional movement

2017 – 2045



*By 2045*

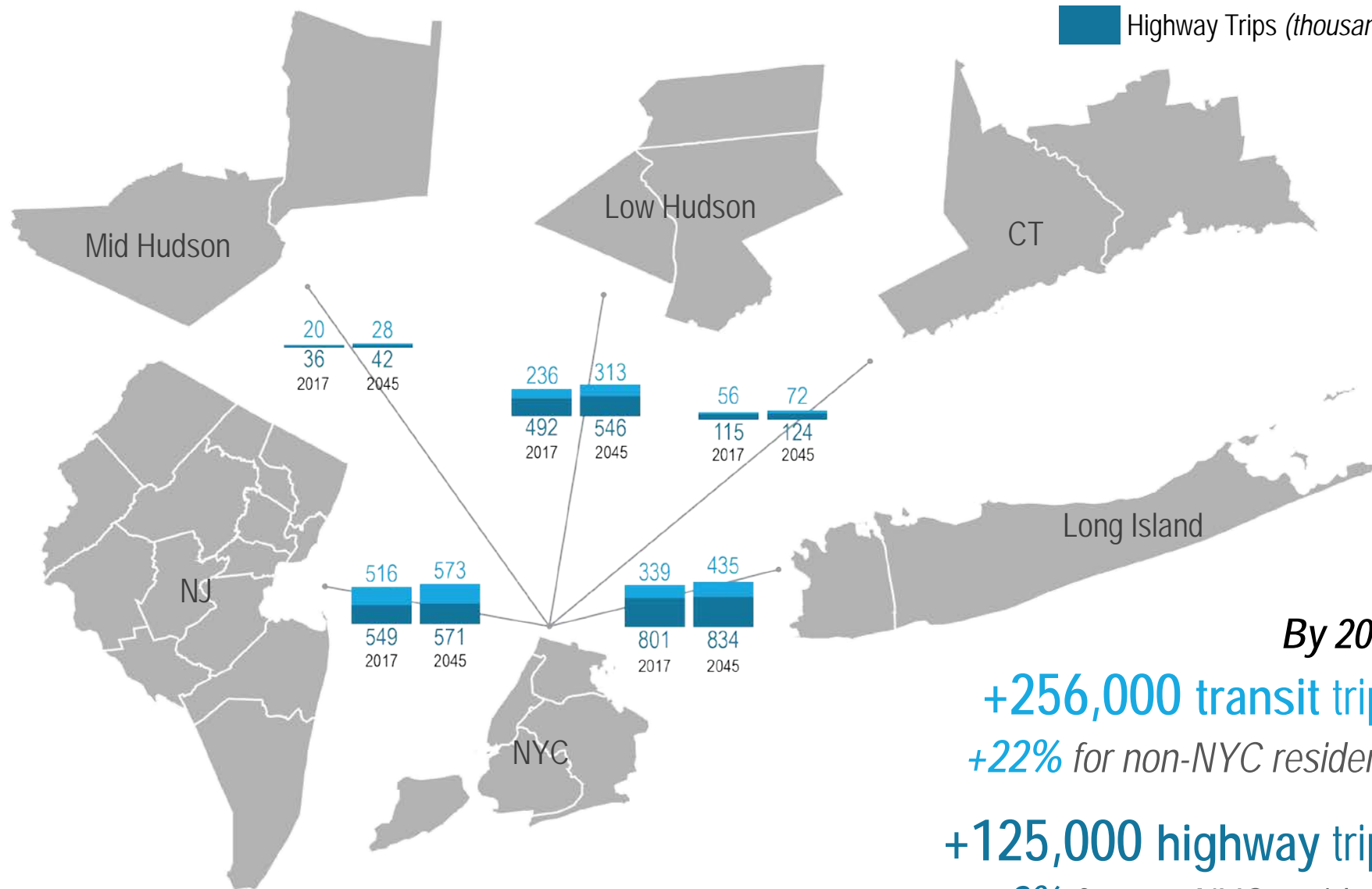
**+886,000 transit trips**  
**+10% for region, +22% non-NYC**

**+4.2 Mil highway trips**  
**+15% non-NYC, +4% in NYC**

# Trips Between NYC-Region Increase by 12%, Mostly Transit

2017 – 2045

Transit Trips (thousands)  
Highway Trips (thousands)



*By 2045*

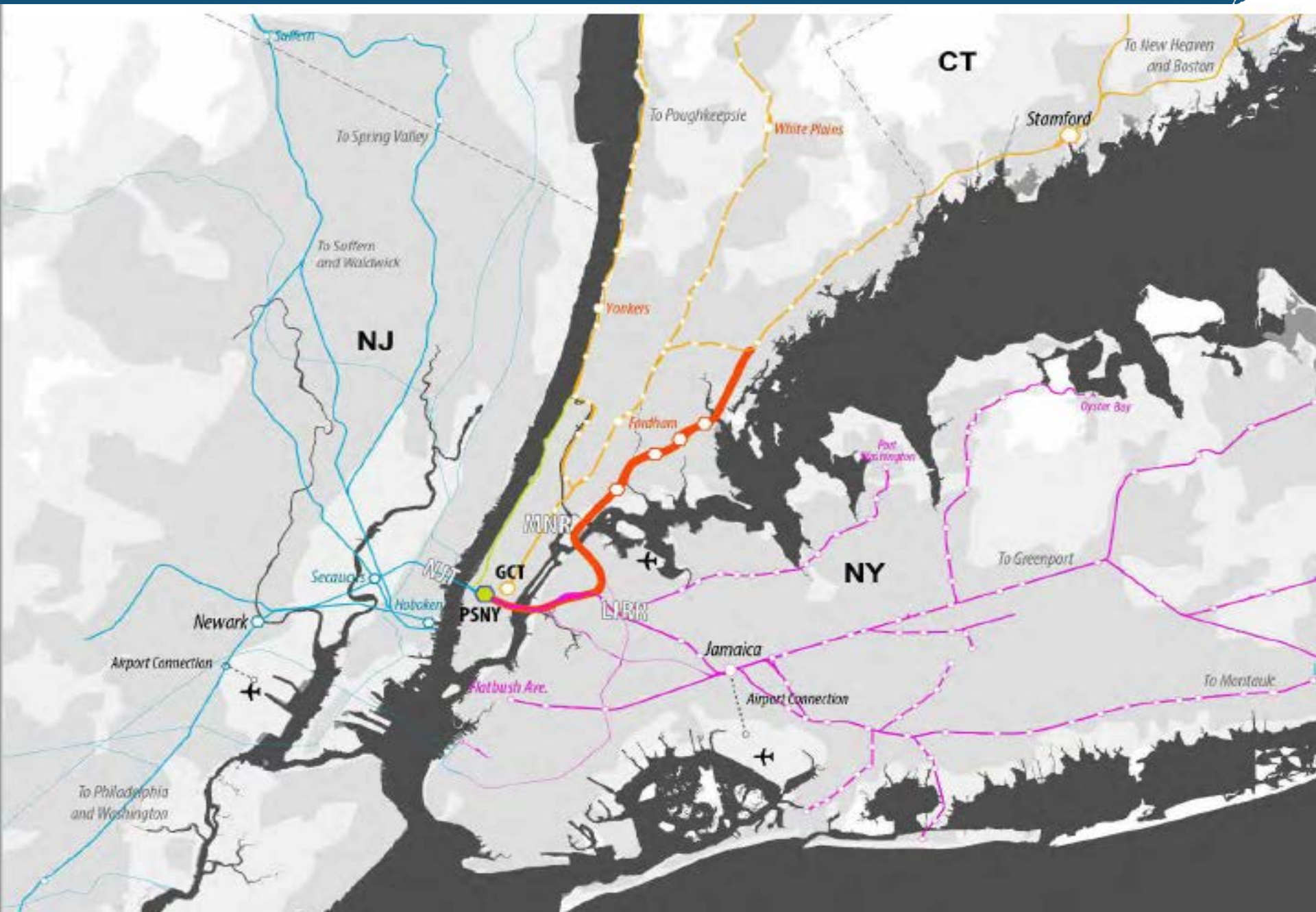
**+256,000 transit trips**

**+22% for non-NYC residents**

**+125,000 highway trips**

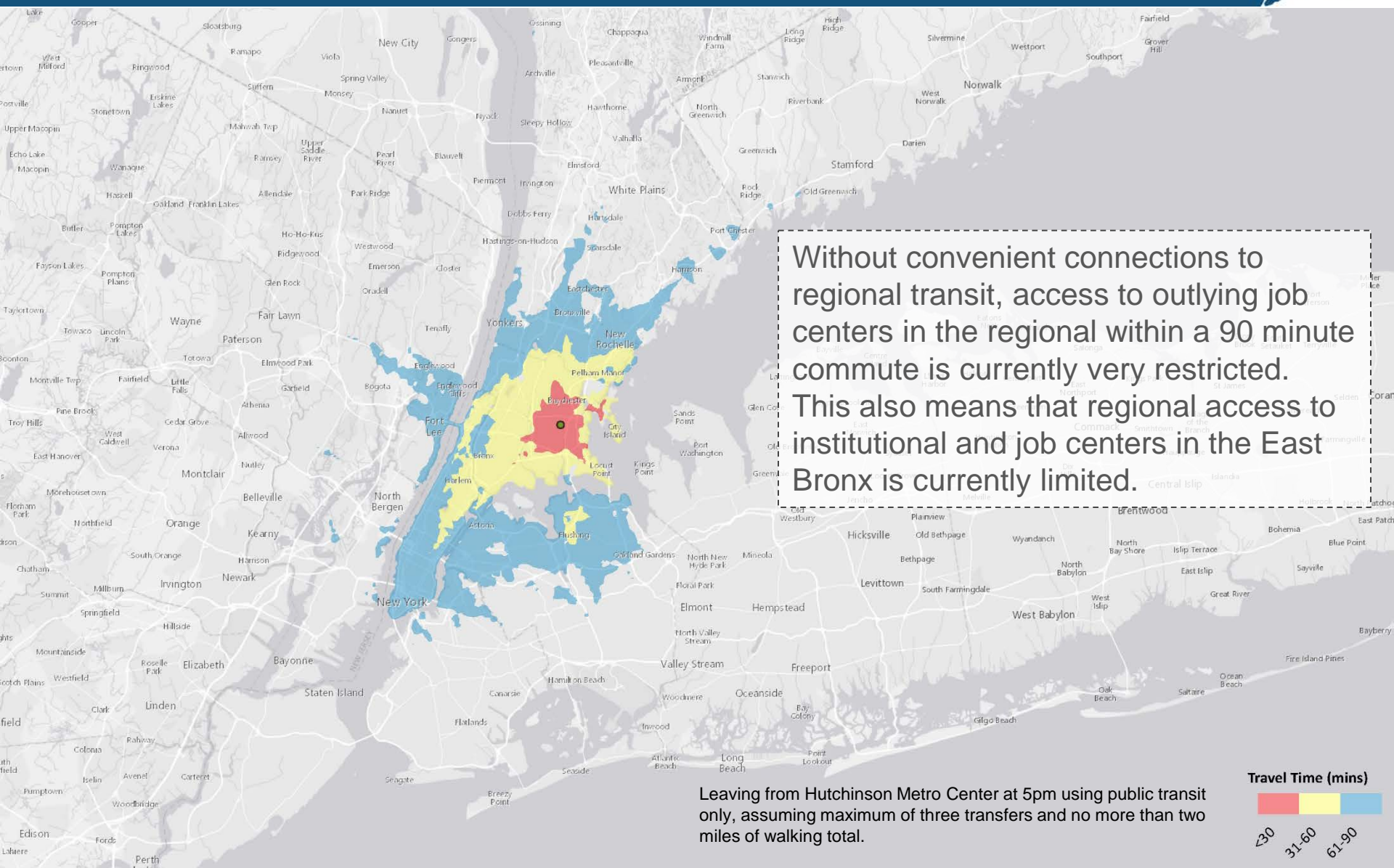
**+8% for non-NYC residents**

# Future transit improvement: Penn Access

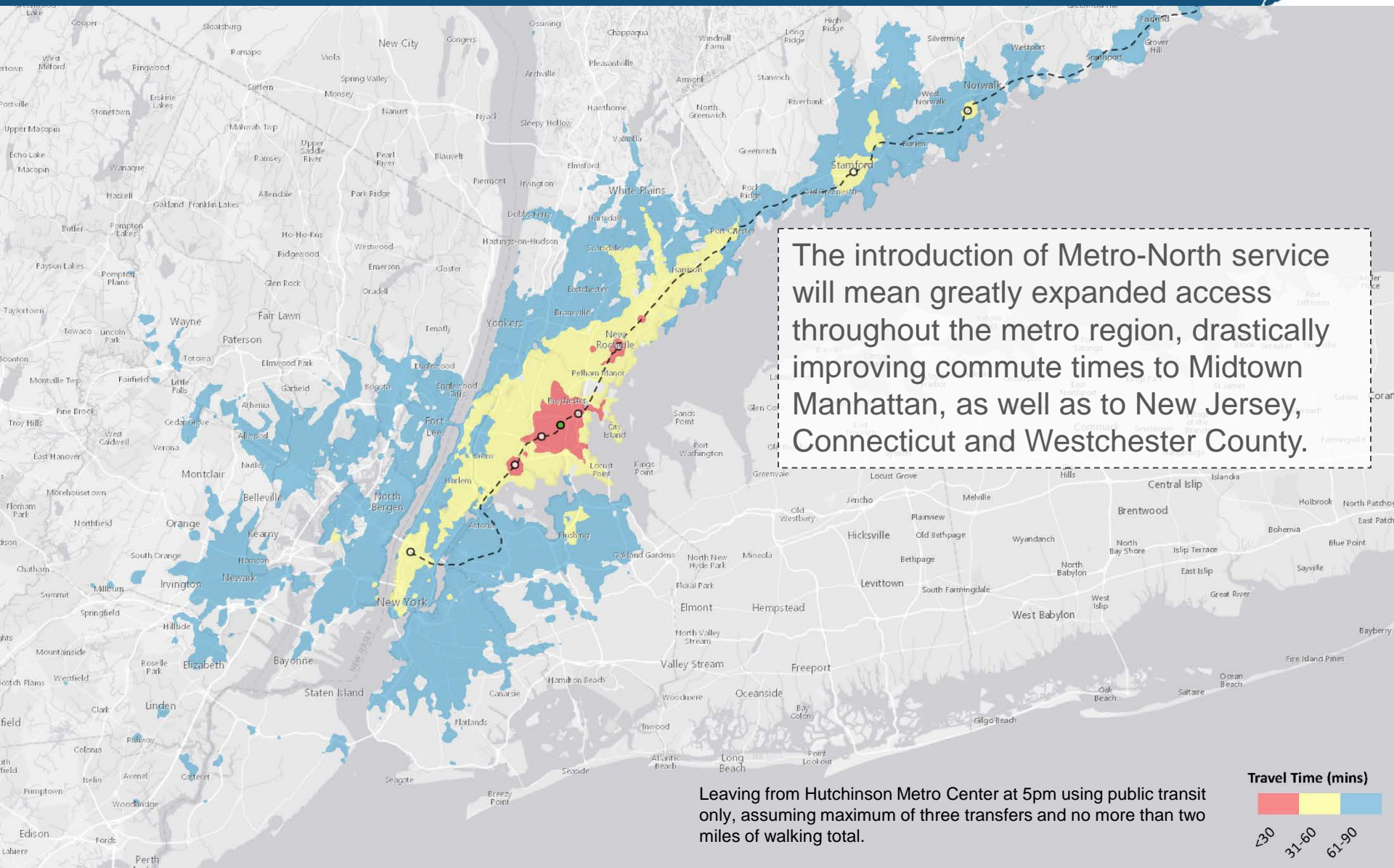




# Improved Regional Mobility



# Improved Regional Mobility





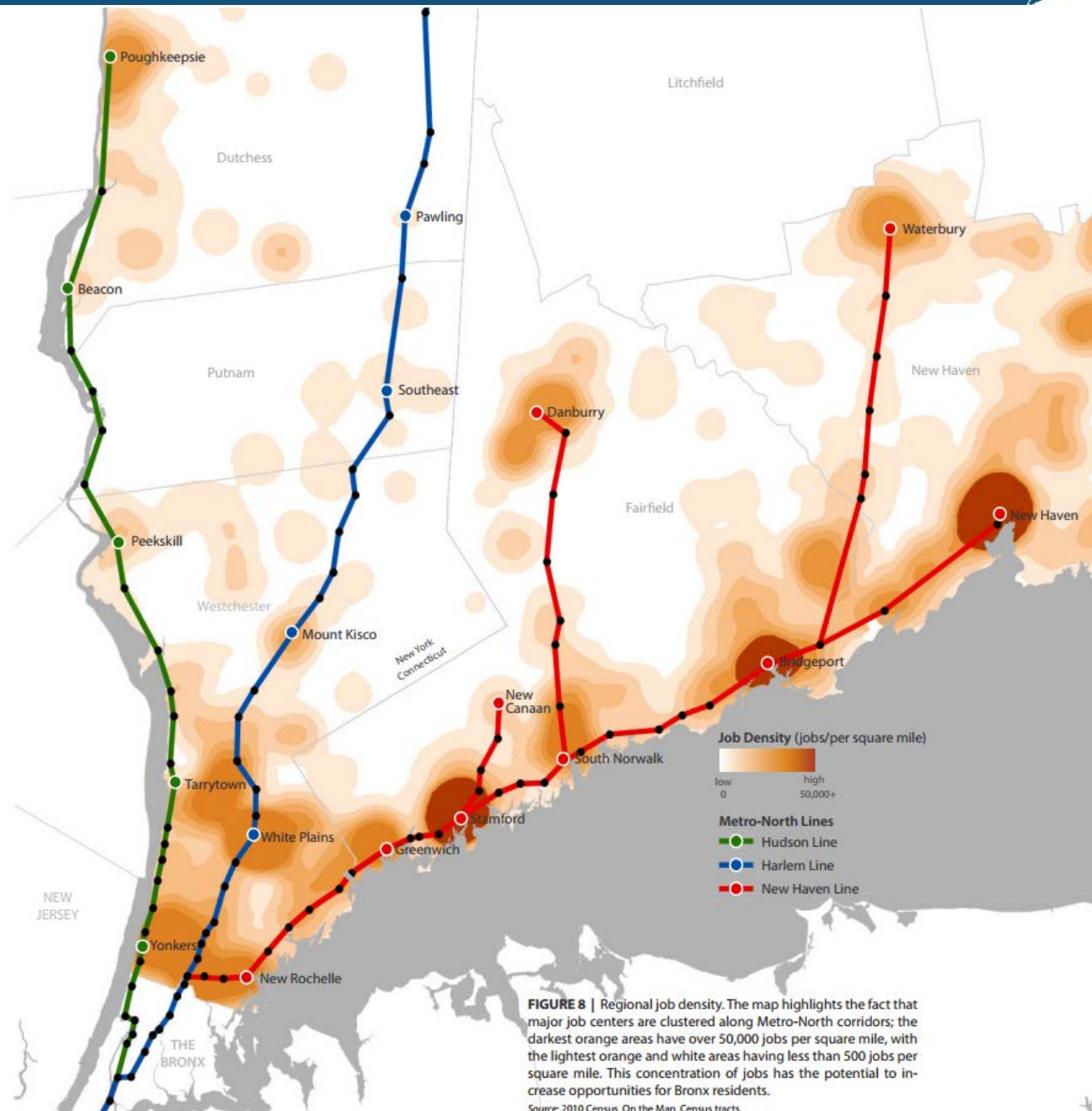




# Job Density along the Metro North Corridor

## 2010-2015 Growth in Labor Force

Bronx	+44,000 workers
Westchester	+20,000 workers
Fairfield	+34,000 workers



# Thank you



**Carolyn Grossman**

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