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

2015

28,460 pop/mi²
NYC

1,810 pop/mi²
Regional Average

22.8 MILLION PEOPLE

People per sq. mi
- 0 – 500
- 500 – 1,000
- 1,000 – 5,000
- 5,000 – 15,000
- 15,000+

22.8 MILLION PEOPLE

20th Century Metropolitan Population Growth

Sources: ACS 2011-2015, 2010-2014 5YR Estimates; Census Bureau Current Estimates Program; 1900-2000 Censuses
Layers of Regional Governance

3 States
31 Counties
890 Subdivisions
5 MPOs
One New York
The Plan for a Strong and Just City

VISION 1
Our Growing, Thriving City

VISION 2
Our Just and Equitable City

VISION 3
Our Resilient City

VISION 4
Our Sustainable City
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.
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

2014

10.1 MILLION JOBS

13,670 jobs/mi²
NYC

490 jobs/mi²
Region Average

NYC is experiencing record economic prosperity

4.4 Million Jobs

Private Sector Jobs at All-Time High

- U.S.: +5.7%
- NYC: +6.5%
- Boroughs outside Manhattan: +9.4%

Labor Force Participation at Historic High

- 61.6% Labor Force Participation
- 4.3% Unemployment

Sources: OneNYC Progress Report 2017; NYC Economic Development Corporation June 2017 Economic Snapshot
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

NYC +13.4%

Long Island +4.0%

Inner NJ -1.2%

Outer NJ +3.1%

Hudson Valley +2.4%

Connecticut +0.1%

Compound Annual Growth Rate by Decade, 1950-2016
NYC vs. Other 31 County Region Counties

Imbalance in Regional Population Growth

2010 – 2016

(+598,850 POPULATION)

61% NYC  39% Rest of Region

(+0.4% ANNUAL CHANGE)

+0.7% NYC  +0.25% Rest of Region

Source: Annual Estimates of the Resident Population, April 1, 2010 to July 1, 2016
Population Growth Focused Along Transit Corridors

2010 – 2015

% Change for Largest Municipalities

NYC +348,000  Others +57,000

*changes not statistically significant
Sources: 2006-2010 ACS 5 Year Estimates; 2011-2015 ACS 5 Year Estimates; 2010 Decennial Census
NYC overwhelmingly gained labor participants of prime workforce age, 25-44

2000 – 2015

Total Regional Loss of Labor Force Age 25-44

-129,000

The regional labor market is highly interconnected.

Share of Commuters to NYC by Subregion, 2014:
- Hudson Valley: 23%
- Inner NJ: 33%
- Outer NJ: 5%
- LI: 35%
- CT: 4%

In-Commuting to NYC:
+1.03 Million jobs

Share of NYC Out-commuters by Borough, 2014:
- Manhattan: 30%
- Queens: 30%
- Brooklyn: 23%
- Bronx: 20%
- Staten Island: 8%

Out-Commuting from NYC:
+475,000 jobs

Source: U.S. Census Bureau LEHD LODES JT00 Total Employment, 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 and Healthcare: Good Jobs and Better Lives

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 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. J Labs @ 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

Source: JT00 LEHD Origin-Destination Employment Statistics 2014

NYC Workers by Municipality

- Thousands, 2014

- Boroughs: Bronx, Brooklyn, Manhattan, Queens, Staten Island
- Other: Jersey City, New Rochelle, Mount Vernon, E. Garden City, New Hyde Park, Hempstead, Garden City, Mineola, Hicksville, Mount Pleasant, Clarkstown, New Rochelle, Greenburgh, White Plains, Mahasset, Yonkers, New York City

1 Dot = 50 NYC Resident Working Outside of NYC

- Passenger Rail

NOT FOR DISTRIBUTION
Mix of office, industrial, institutional and service jobs

2014

Note: Other includes construction, administration and waste management services, mining and agriculture and other services. Source: LEHD LODES WAC 2014 S000 JT02 Private Employment

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

Total Private Jobs, millions

<table>
<thead>
<tr>
<th>Office</th>
<th>Industrial</th>
<th>Institutional</th>
<th>Retail, Hospitality</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.15</td>
<td>1.66</td>
<td>1.91</td>
<td>1.98</td>
<td>0.98</td>
</tr>
</tbody>
</table>

Office-based
- Finance, Insurance, Information, Real Estate, Professional Services

Industrial
- Manufacturing, transportation & warehousing, wholesale

Institutional
- Education and Healthcare
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

West of Hudson: 69K

East of Hudson: 13K

Long Island: No Change

Within Manhattan: 60K

Other NYC: 93K

2010 – 2014

West of Hudson: 43K

East of Hudson: 14K

Long Island: 17K

Within Manhattan: 46K

Other NYC: 61K

NYMTC Projects Future Growth Fueled by Suburbs

Historical & Forecasted Growth, by 31 County Subregion

NYMTC Forecasted Growth 2010-2050

918,400 NYC
3.0 M Rest of Region

Sources: U.S. Census Bureau, 1900-2000 Censuses; 2010-14 American Community Survey-Summary File; 2010-2050 NYMTC Socioeconomic and Demographic County Population Forecasts
Similarly, Employment Growth Fueled Outside NYC

Historical & Forecasted Growth, by 31 County Subregion

NYMTC Forecasted Growth 2015-2050

460,000 NYC

1.2 M Rest of Region

Source: 2010-2050 NYMTC Socioeconomic and Demographic County Population Forecasts
NYMTC Projections Indicate Widespread Growth by 2040

2015 – 2040

+2.33 MILLION POPULATION

20% NYC    80% Rest of Region

+0.4% ANNUAL CHANGE

+0.2% NYC    +0.5% Rest of Region

Source: Annual Estimates of the Resident Population, April 1, 2010 to July 1, 2016
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

Source: 2010-2050 NYMTC Socioeconomic and Demographic County Population Forecasts
Trips Between NYC-Region Increase by 12%, Mostly Transit

2017 – 2045

By 2045

+256,000 transit trips
+22% for non-NYC residents

+125,000 highway trips
+8% for non-NYC residents

Source: 2010-2050 NYMTC Socioeconomic and Demographic County Population Forecasts
Future transit improvement: Penn Access
Improved Regional Mobility

Without convenient connections to regional transit, access to outlying job centers in the regional within a 90 minute commute is currently very restricted. This also means that regional access to institutional and job centers in the East Bronx is currently limited.

Leaving from Hutchinson Metro Center at 5pm using public transit only, assuming maximum of three transfers and no more than two miles of walking total.
Improved Regional Mobility

The introduction of Metro-North service will mean greatly expanded access throughout the metro region, drastically improving commute times to Midtown Manhattan, as well as to New Jersey, Connecticut and Westchester County.

Leaving from Hutchinson Metro Center at 5pm using public transit only, assuming maximum of three transfers and no more than two miles of walking total.
MORRIS PARK: Assets

- Total Jobs: + 15,000
- Total Hospital Beds: ~ 477
- Total Outpatient Visits: ~ 355,000
- Students/Postdoctoral Research Fellows: ~ 3,000
- Planned Development: + 1.5 million sqft

Albert Einstein College of Medicine
(2,750 employees + 1,430 students and postdoctoral fellows)

Jacobi Medical Center
(2,750 employees + 1,430 students and postdoctoral fellows)

Montefiore Weiler / Westchester Medical
(2,000 employees)

Hutchinson Metro Center
(4,500 employees, 3,000 visitors per weekday)

ESDC Site
(Planned 1.5 - 1.9 million sqft of new commercial and office space)

Bronx Psychiatric Center
(590 employees)

MORRIS PARK BID
152 commercial properties, ~ 297 businesses

Montefiore Weiler / Westchester Medical
150 businesses

Westchester Square Station
(6 train)
~ 10,000 commuters daily

MIDDLETOWN - PELHAM BAY

Public Safety Answering Center II
(860 employees)

PELHAM GARDENS

Morris Park BID
152 commercial properties, ~297 businesses
## Job Density along the Metro North Corridor

### 2010-2015 Growth in Labor Force

<table>
<thead>
<tr>
<th>Location</th>
<th>Workers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bronx</td>
<td>+44,000</td>
</tr>
<tr>
<td>Westchester</td>
<td>+20,000</td>
</tr>
<tr>
<td>Fairfield</td>
<td>+34,000</td>
</tr>
</tbody>
</table>

Sources: ACS 2011-2015 and 2006-2010 5-Year Averages; Metro-North Study
Thank you

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NYC PLANNING