

EQUITABLE DISTRIBUTION OF GREEN SPACES IN NYC

“Every New Yorker deserves access to clean, safe green spaces, no matter what neighborhood they live in.”

– **Mayor Bill de Blasio**

<http://www1.nyc.gov> (2015)



THE VALUE OF GREEN SPACE ACCESS

Review of the benefits of urban green space:

- . promotes physical activity and public health (Wolch, *Byrne*, & *Newell*; 2014)
- . psychological impacts with increased biodiversity (Fuller et al; 2007)
- . alleviation of congestion, pollution, and noise (De Ridder et al; 2004)



EFFORTS IN NEW YORK CITY

<http://www1.nyc.gov> (2015)

Mayor de Blasio Doubles Community Parks Initiative to \$285 Million

October 6, 2015

Investments in Historically Underfunded Neighborhood Parks to Improve Quality of Life

NYC's First Major Parks Equity Initiative Expanding to 67 Total Parks

NEW YORK—Mayor Bill de Blasio and Parks Commissioner Mitchell J. Silver, FAICP today announced the City has doubled the funding for the Community Parks Initiative – a citywide program to improve historically under-funded parks in densely populated and growing neighborhoods with higher-than-average concentrations of poverty. In total, CPI will now invest \$285 million in capital dollars through 2019 – along with a sustained annual commitment of over \$2.5 million in expense funding – to improve neighborhoods' quality of life by revitalizing 67 community parks that have not undergone significant improvements in decades.

- Community partnership building
- Recreational programming
- Caring for Community Parks Initiative parks



THE NYC DEPARTMENT OF PARKS AND RECREATION (DPR)

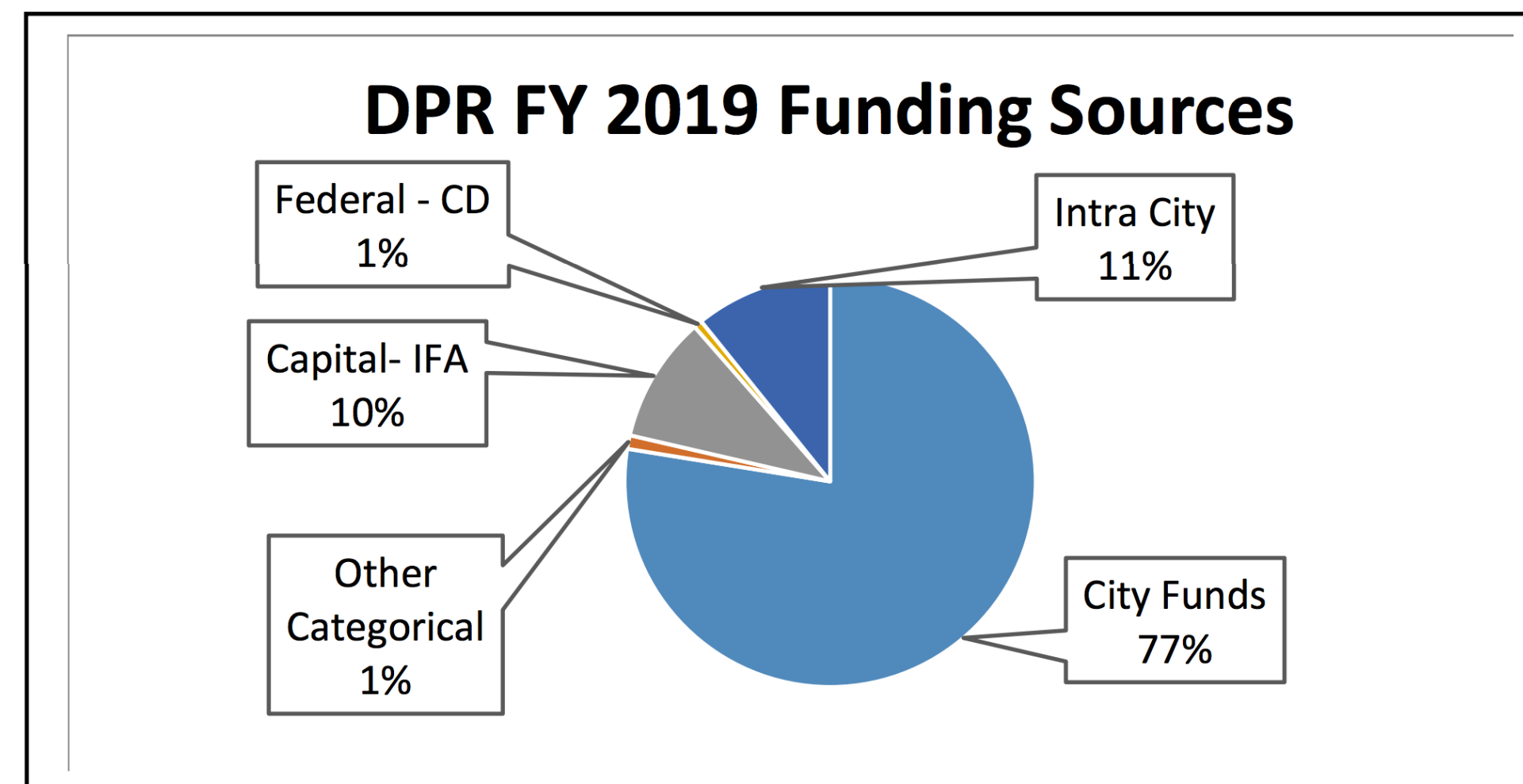
The DPR oversees:

- >30,000 acres of land
- >5,000 properties
- >800 athletic fields
- 1,000 playgrounds
- 1,800 basketball courts
- 550 tennis courts
- 65 public pools
- 51 recreational facilities
- 15 nature centers
- 14 golf courses
- 14 miles of beaches
- 1,200 monuments
- 23 historic house museums
- 600,000 street & 2,000,000 park trees

<https://www.nycgovparks.org/about>

Budget and personnel (2019):

- \$509.3 million executive
- 4,292 employees



<https://council.nyc.gov/budget/wp-content/uploads/sites/54/2018/05/846-DPR.pdf>



City of New York
Parks & Recreation

the condition of those
>5,000 properties is
assessed by the DPR
via the Parks
Inspection Program

THE NYC DPR PARKS INSPECTION PROGRAM (PIP)

Trained inspectors evaluate each park in 3 broad categories each with several features, totaling 17 points of inspection:

Cleanliness Features	Landscape Features	Structural Features
Litter Glass Graffiti Weeds Ice	Lawns Water bodies Trees Trails Athletic fields Horticultural areas	Play equipment Paved surfaces Benches Fences Sidewalks Safety surfacing

A = acceptable U = unacceptable S = unacceptable for the site



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<https://www.nycgovparks.org>



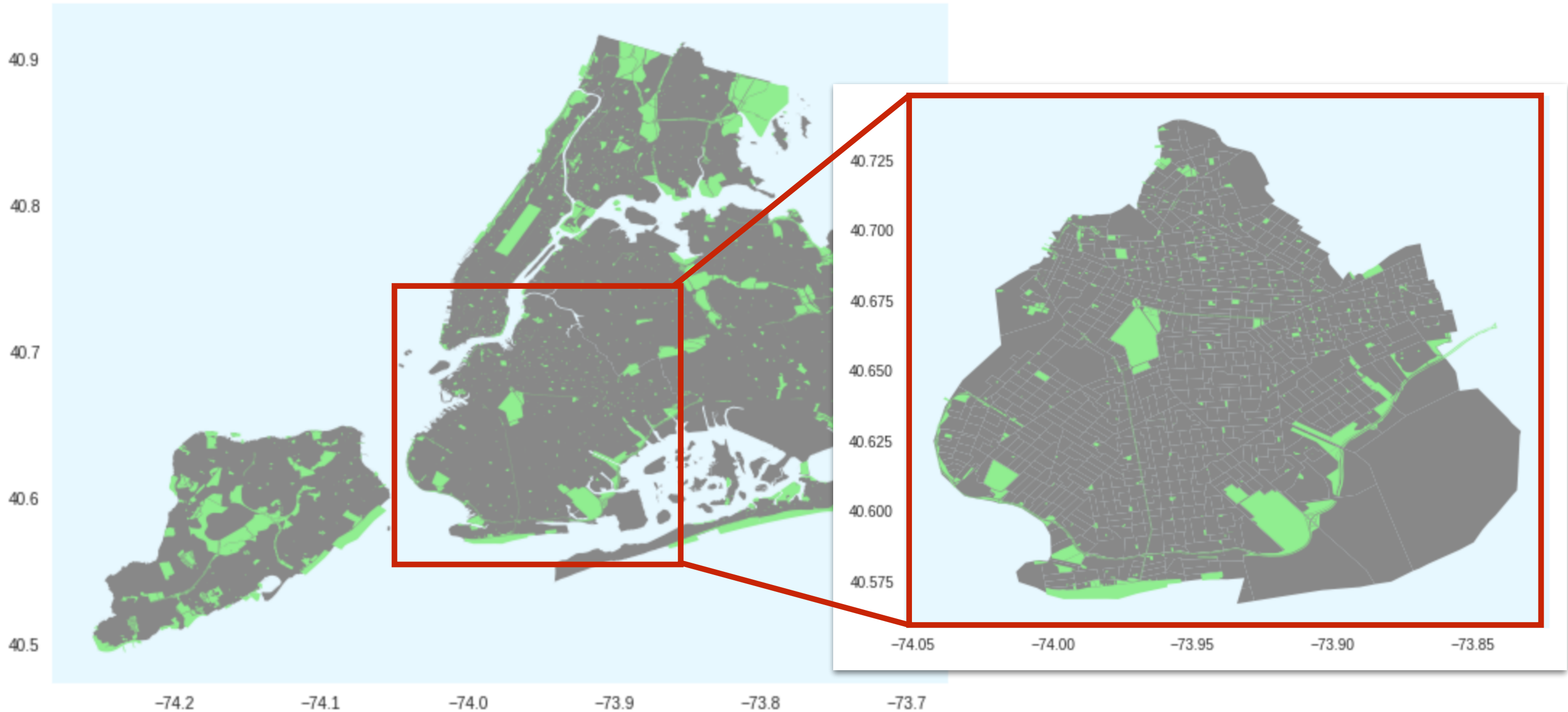
PIP Sites Data, PIP Inspections Data, and DPR Properties Data



publicly available includes

- 1) site information
 - . location
 - . property ID
- 2) inspection information
 - . date
 - . property ID
 - . inspector ID
 - . inspection ID
- 3) inspection details
 - . inspection ID
 - . A/U/S for 17 points

- includes:
- acres
 - address
 - borough
 - commission
 - gispropnum
 - objected
 - signname
 - subcategory
 - zipcode
 - geometry
 - .
 - .
 - .



Groups

Group 1

Anthony Sigman-Lowery
Tom Stewart
Kyung Min Lee

Group 2

Qingsen Zhang
Sam Seo
Soojin Shin
Robert Ddamulira

Group 3

Teddy Katayama
Lan Yu
Yilei Zheng

- 1. Every Group must share a “Group Notebook” with me.**
- 2. If you are working on individual “scratch” notebooks, share those as well.**

We will have a hard stop at 3:45pm, then regroup in Graham 187 at 4:00pm so each group can describe what they found.

