

# Where to Find Green .... In Wilmington

Green Grass, that is !

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For the 2018 Open Data Delaware “Data Jam”  
Presented May 8, 2018, Wilmington Delaware

# Introduction:

- ▶ Green space is widely viewed as health-promoting, and positively linked to health benefits ..
- ▶ Our team recommends persuading more Wilmington residents to go out into City and State Parks, and
  - ▶ Swing on a swing,
  - ▶ Fly a kite, or just
  - ▶ **“Prove” you can get there**, for those with Accessibility challenges.
- ▶ We suggest a simple “Game” implementation.

## “Where to Find Green”:

- ▶ A. Challenges within Wilmington
- ▶ B. Primary Components
- ▶ C. Project Viability: Would anybody care?

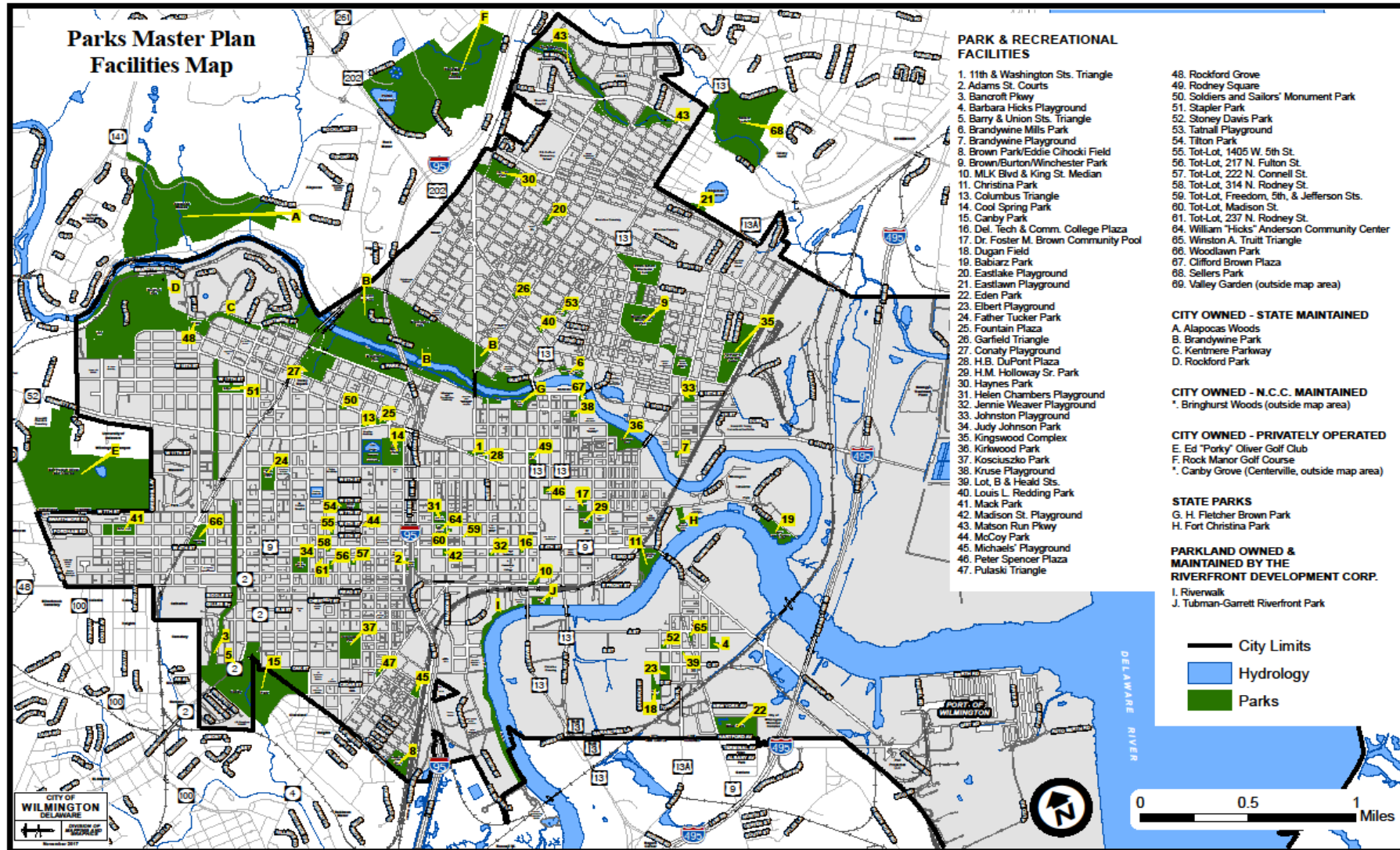
## A. Challenges within Wilmington

1. Green Spaces close to Home ?
2. Who most needs “some Green”?
3. Parks in Proximity to SNAP HHs.

## A. Challenges: 1. Green Space close to home?

- ▶ In January 2018, the Population Research Bureau (PBR) published their findings that urban dwellers, and particularly those in the lower income or socio-ethnic sectors, are less likely to take advantage of “Health-Promoting Improvements [that] are often concentrated in or convenient to more advantaged U.S. neighborhoods.”

# A. Challenges: 1. Green Spaces close to home ?



## A.Challenges: 2. Who most needs “some Green”?

- ▶ PBR’s findings apply in Wilmington, particularly for Low Income households, as measured by those receiving Food Stamp benefits
- ▶ Census Tracts in Wilmington hold an average of 3,000 people and follow “apparent boundaries” as much as possible.
- ▶ A Census Tract comparison allows a larger number of profile areas than Zip Codes.



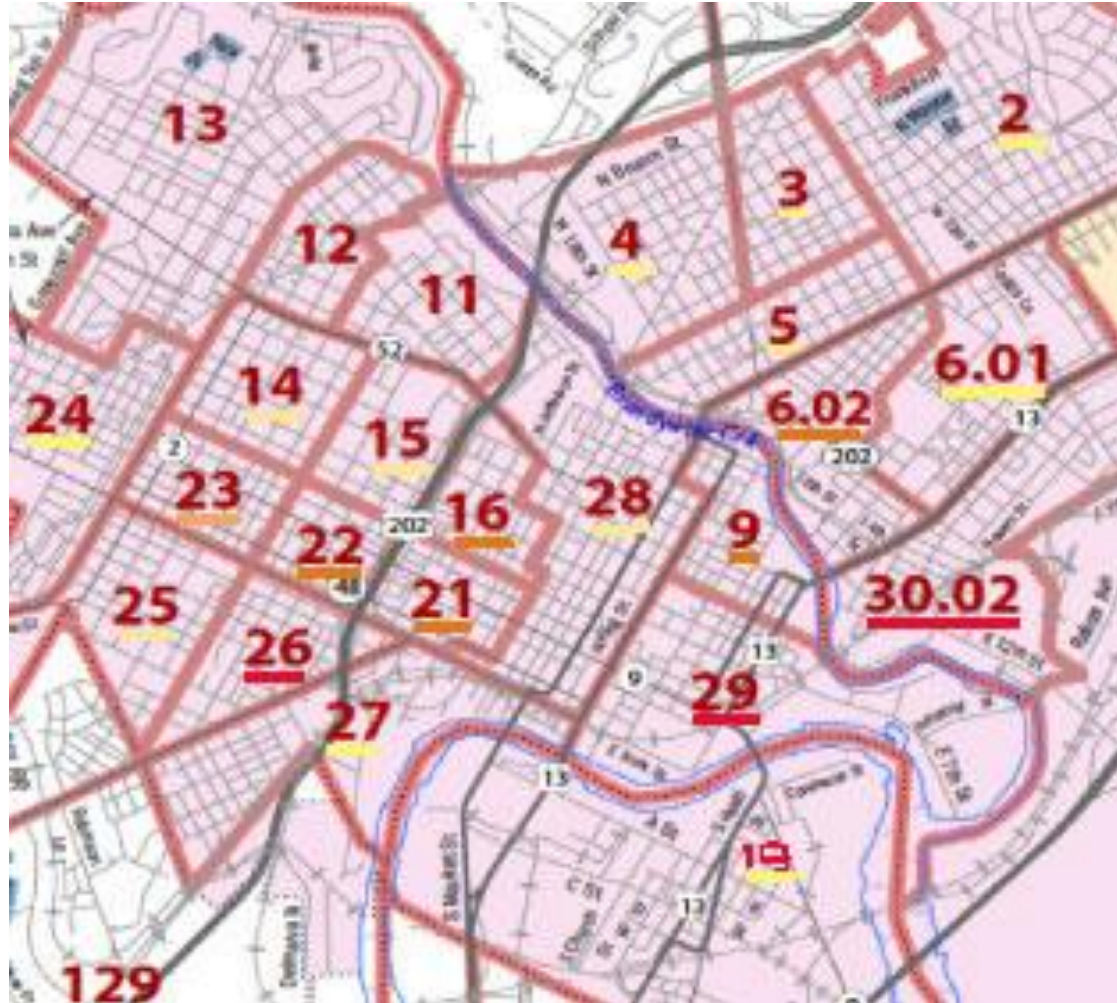
## A. Challenges: 2. Who most needs some “Green”?

Census Tracts where Households (HHs) receive Food Stamp SNAP benefits

Colored Underlines represent:

- Red : 50-59% of HHs
- Orange: 40-49%
- Lite Orange: 34% (cT 23 only)
- Yellow : 20-29%
- Lite yellow: 10-19%
- Not underlined: less than 10%

Source: 2016 American Community Survey, 5-year survey, Table S2201.





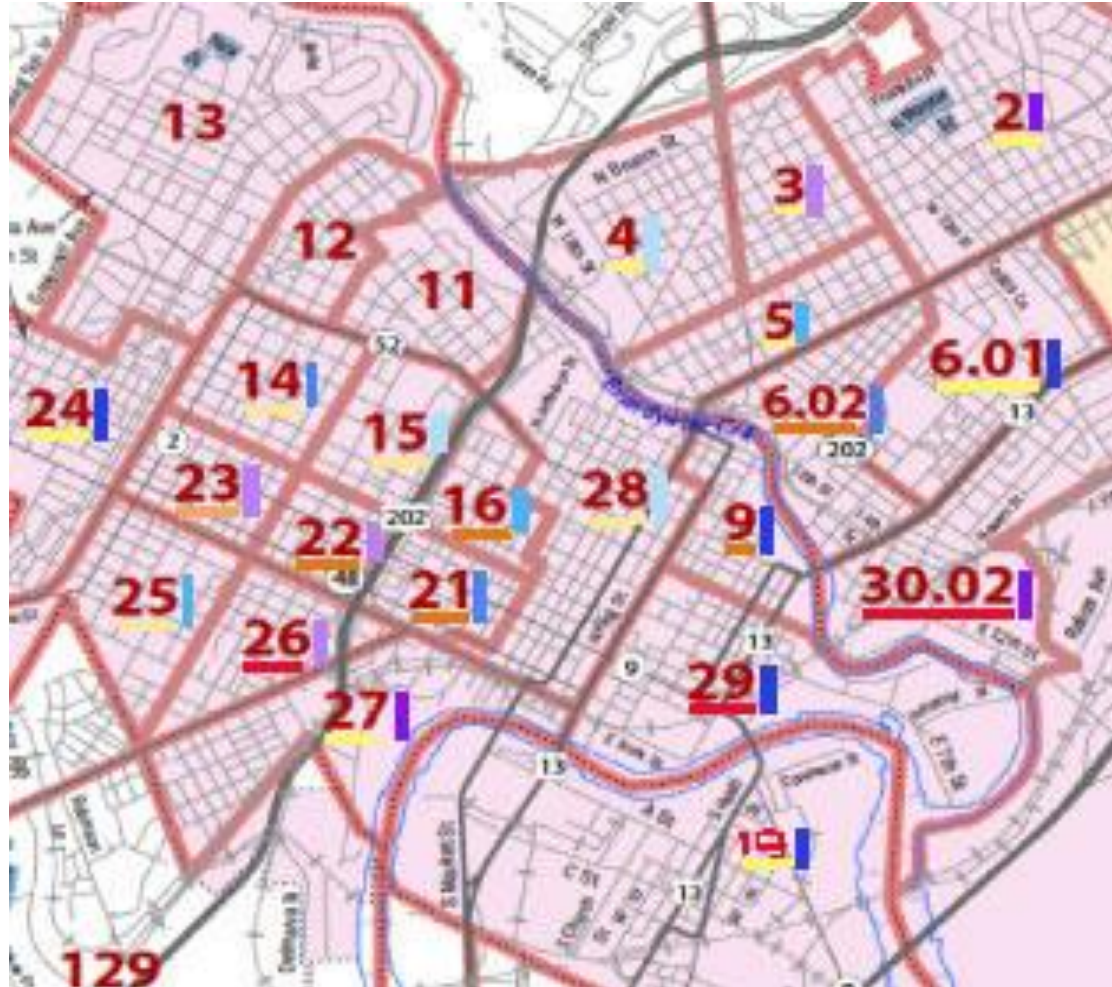
# A. Challenges: 2. Who most needs some “Green”?

Food Stamp/SNAP HHs with at least one Child under 18

Sidebars represent:

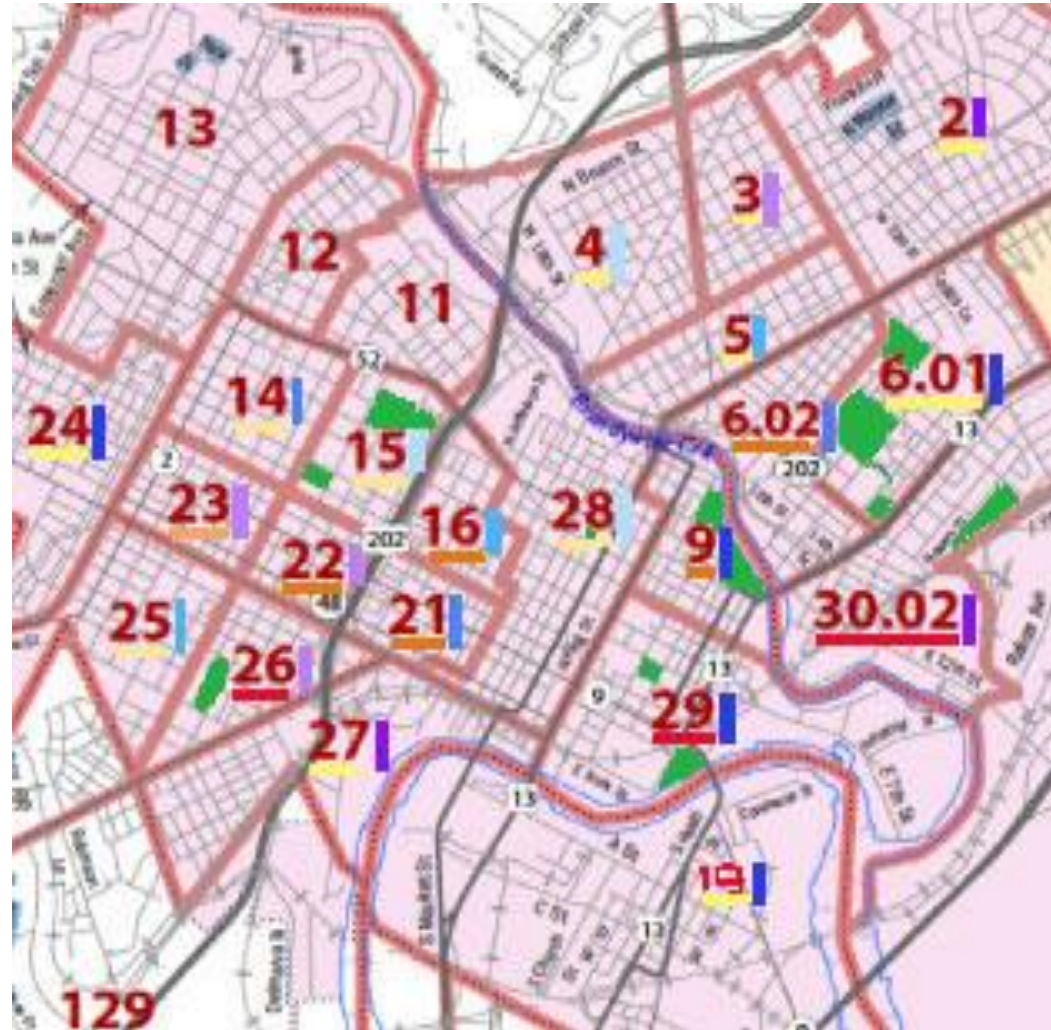
- ▶ Purple: 70-78% HHs with Kids
- ▶ Lite Purple: 60-69%
- ▶ Blue: 50-59%
- ▶ Lite Blue: 40-49%
- ▶ Turquoise: 30-39%
- ▶ Lite Turquoise: 20-29%
- ▶ No sidebar: less than 19%

Source: 2016 American Community Survey, 5-year survey, Table S2201.



## A. Challenges: 3. Parks in Proximity to SNAP HHs

- ▶ Wilmington's largest parks are most often near areas with few or no SNAP Households
- ▶ The City does maintain at least one major park square or larger area in each of Downtown's four quadrants



## B. Project Components

1. Sample “going-outside” Game
2. Challenge Host’s Website
3. Parks, and Places that “earn points”
4. Websites and Devices
5. “Nice to Have”



## B. Project Components: 1. Sample “Game”

### “Going Outside” Elements:

- ▶ Plant a vegetable in a public garden
- ▶ Identify 3 birds in each park
- ▶ Identify at least 3 trees in each park
- ▶ Ride a Wilmington city bus to get to a park or an event
  - ▶ Within a mile of your home
  - ▶ More than a mile from your home
  - ▶ Walk at least 2 miles
- ▶ Attend a music or arts Festival
- ▶ Fly a kite
- ▶ Suggests Multipliers for “challenges”

{ Sponsor Logo }		Sponsor Name:	Your Name:
Date you Played:			
<b>Exploring Wilmington Parks</b>	<u>Event Points</u>	<u>Your Points</u>	
Plant a vegetable in a community garden or park	4		
Identify at least 3 birds in each park you visit	3		
a.			
b.			
c.			
Identify at least 3 trees in each park you visit	3		
a.			
b.			
c.			
<b>Ride a Wilmington city bus to get to a park or event</b>			
a. Within a mile of your home	3		
b. More than a mile from your home	4		
c. Walk at least 2 miles	4		
Attend a music or arts Festival	4		
Fly a kite	5		
<b>Player Type Multipliers</b>			
Youngster 6-16	2		
Young Adult (17-39)	1		
Older Adult (40-60)	1		
Senior (61+ )	3		
<b>Additional Points for</b>			
with Bike	'+1		
with Baby & Stroller	'+3		
requires Mobility assistance	'+4		

## B. Project Components:

### 2. Challenge Host's Website

- ▶ Where to start, if you want to play by the rules
- ▶ General Guidelines, with specific examples:  
eg., Where to post your score at regular intervals
- ▶ How to find friends and neighbors along the way
  - ▶ An example: Wilmington Parks Network:  
<http://wilmingtonparksnet.wixsite.com/wilmparksnetwork>
  - ▶ Some Social Media interaction, but with 'protections'
- ▶ A generalized License is included as an Appendix.

## B. Project Components:

### 3. Parks, and Places that earn points

- ▶ City of Wilmington Parks (map on my page 6):  
<https://www.wilmingtonde.gov/home/showdocument?id=394>
- ▶ Wilmington events calendar  
<https://www.visitwilmingtonde.com/events/>
- ▶ Delaware “Points of Interest” :  
<https://data.delaware.gov/Recreation/Points-of-Interest/cxq8-rup6>
  - ▶ You may work within your neighborhood, or stretch your capability into farther distances, points will vary!
  - ▶ Green” matters, but other events also earn points



## B. Project Components:

### 4. Websites and Devices

- ▶ DelDoT's free Travel App, in both Apple & Android [<https://www.deldot.gov/mobile/>]
- ▶ DelDoT is partnering with the Waze app
- ▶ Google Map's Bus and Walking routes in Downtown
- ▶ FirstMap's "Play Outside" example

You might be on camera, with DelDoT's Traffic Cameras !

## B. Project Components:

### 5. “Nice to have”

- ▶ “Location” address in EnergyEnviron’s “list”:
  - ▶ <https://data.delaware.gov/Energy-and-Environment/State-Park-Programs/pu7t-3gai>
- ▶ GPS or other “location” key in City of Wilmington Parks map (page 6 of this project)
- ▶ Recreation equipment listed for each Park
- ▶ Some indicator of the safety for youngsters, adults, the infirm, in Wilmington parks

## C. Project Viability: Would anybody “care” ?

- ▶ Perhaps not, to a significant degree
- ▶ An earlier project from DNRes, a “Play Outside” component associated with FirstMap, was initiated, but not updated since 2/24/2017
- ▶ Yes, our idea is not new but has some resonance!
- ▶ By recommending a “Game” to “get folks outside”, we also suggest parallel City and State improvements to Downtown recreation facilities.

## C. Project Viability: ... in Conclusion:

- ▶ In a generalized comparison,
  - ▶ If fish cannot live in polluted streams,
  - ▶ How do we expect Low-Income folks to prosper in polluted neighborhoods?

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Thank you for your attention.

APPENDIX: License associated with the Game suggested in this presentation:

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