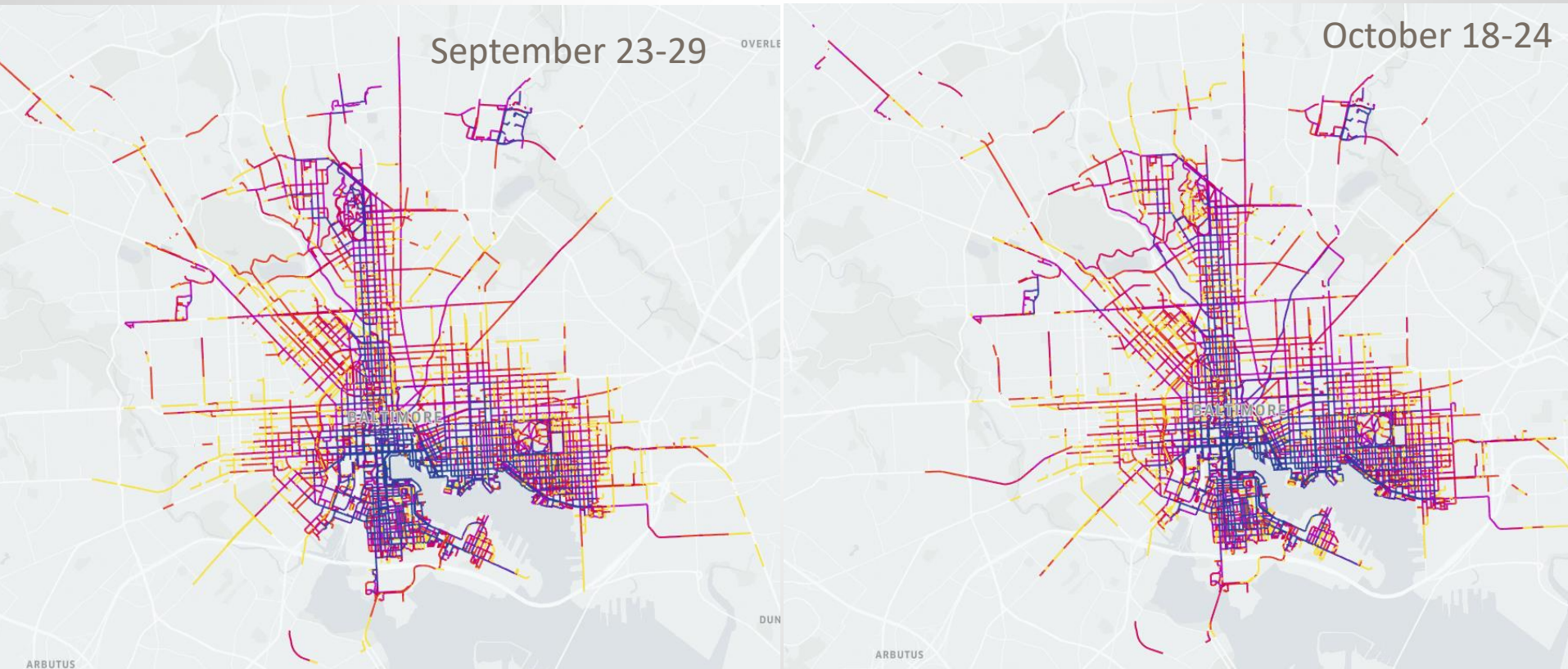


# Dockless Vehicle Committee

November 13, 2019

**Dockless Vehicle Program: 2019 Permit Year**  
**First Quarter Summary: August 1 2019 - November 1, 2019**



## **Dockless Vehicle Evaluation**

### **Milestones:**

- August 1 - Permit Period began
- Quarterly Changes: November 1, February 1, May 1

### **DVC monthly Tasks:**

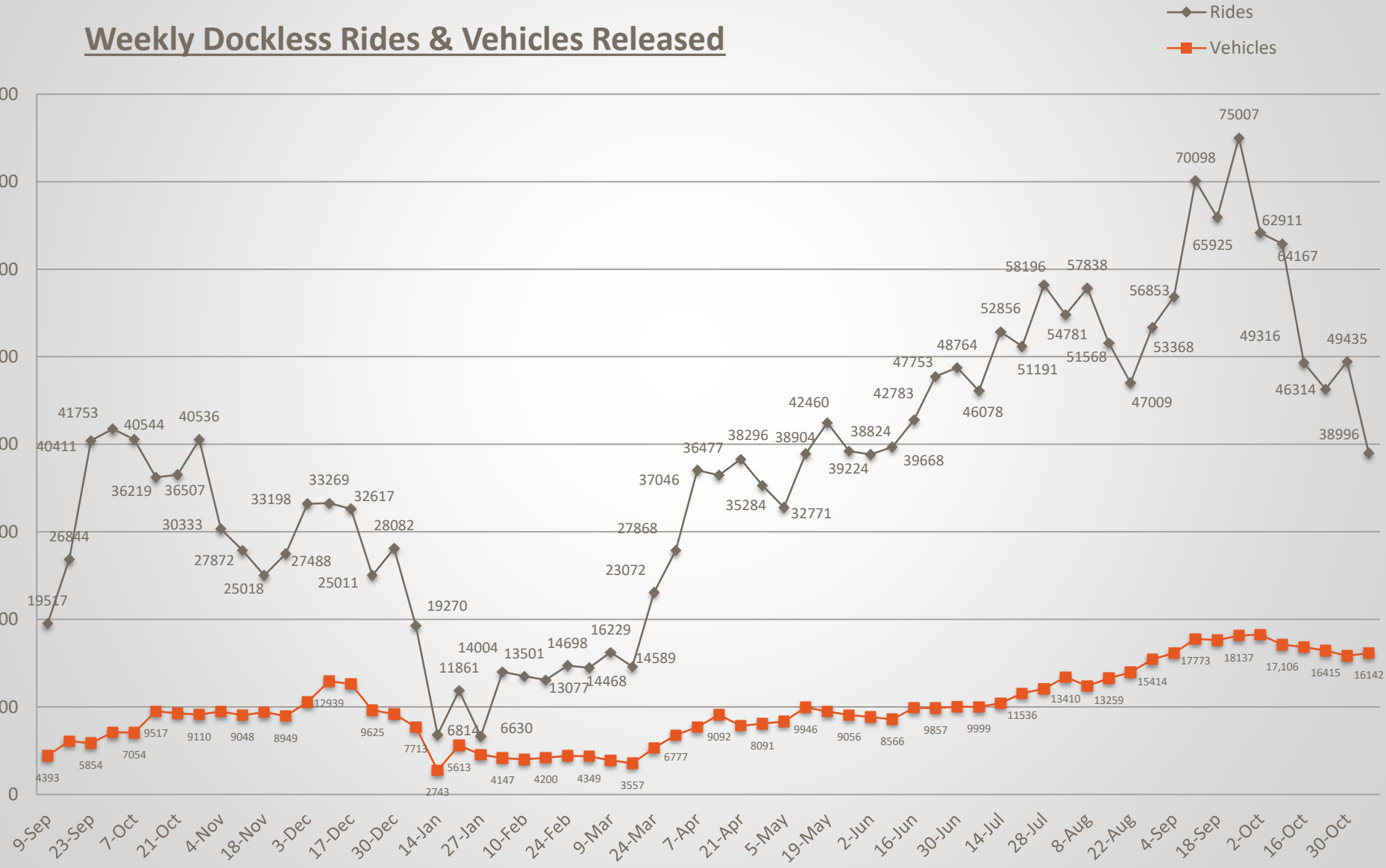
- Assist with ongoing monitoring
- Nominate safety messages
- Highlight community events

### **DVC as-needed tasks:**

- Safety campaign
- Maintenance items
- Corral evaluation

# Data

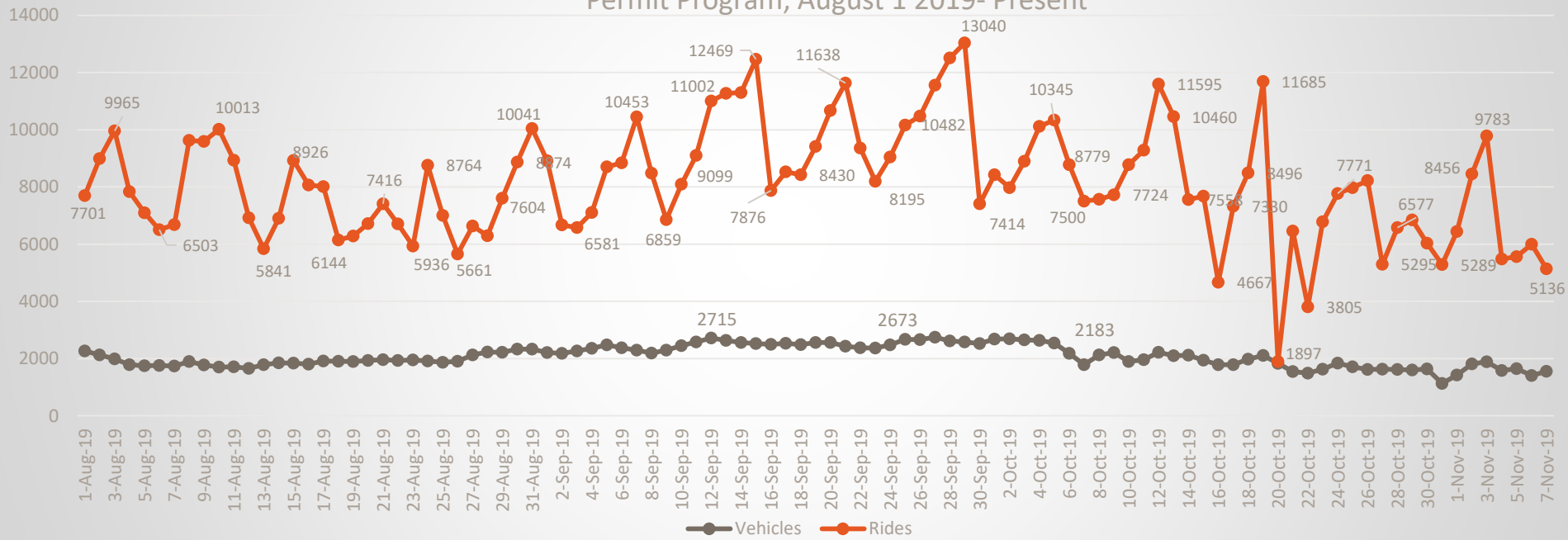
## Weekly Dockless Rides & Vehicles Released



# Data

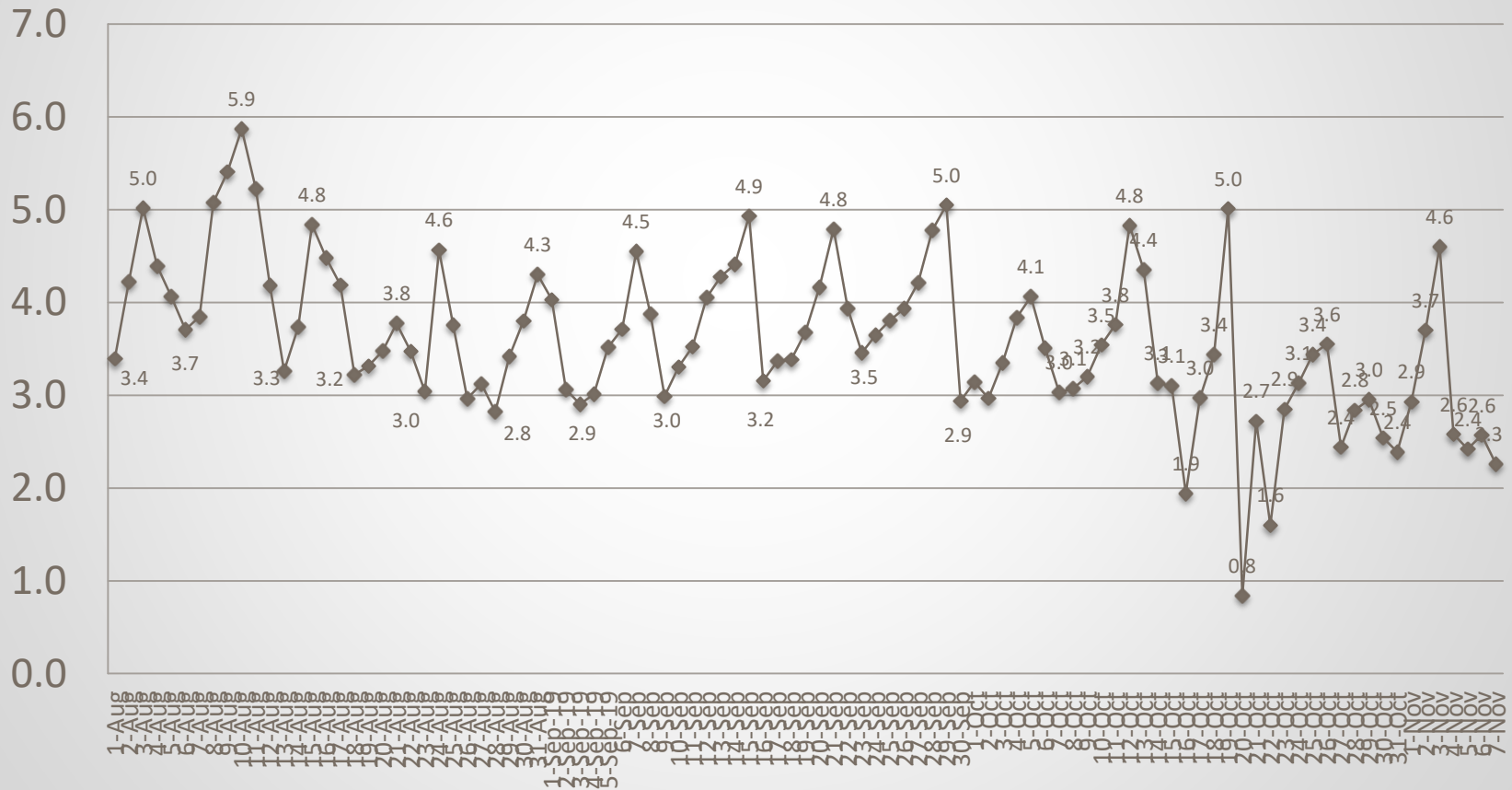
## Daily Dockless Vehicles Deployed and Rides

Permit Program, August 1 2019- Present



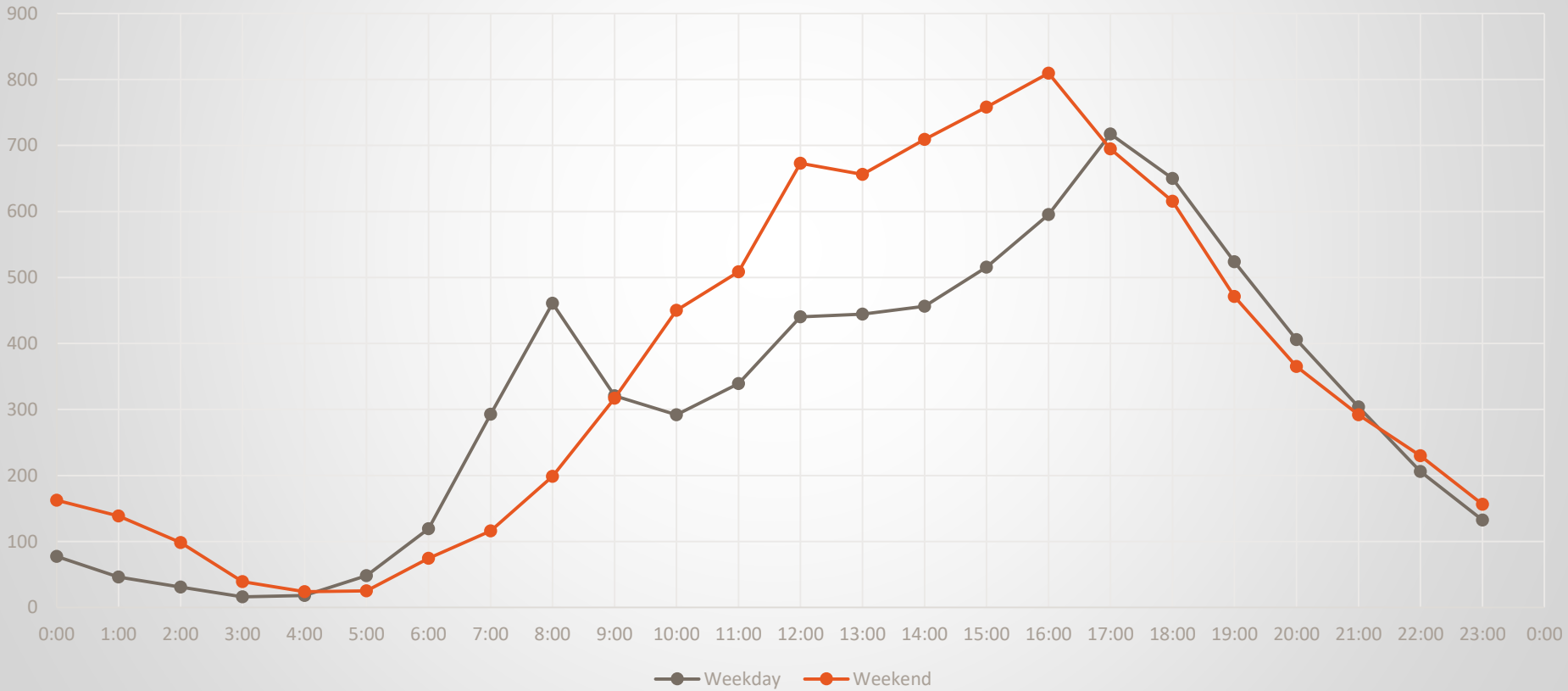
# Data

## Rides per Vehicle per Day



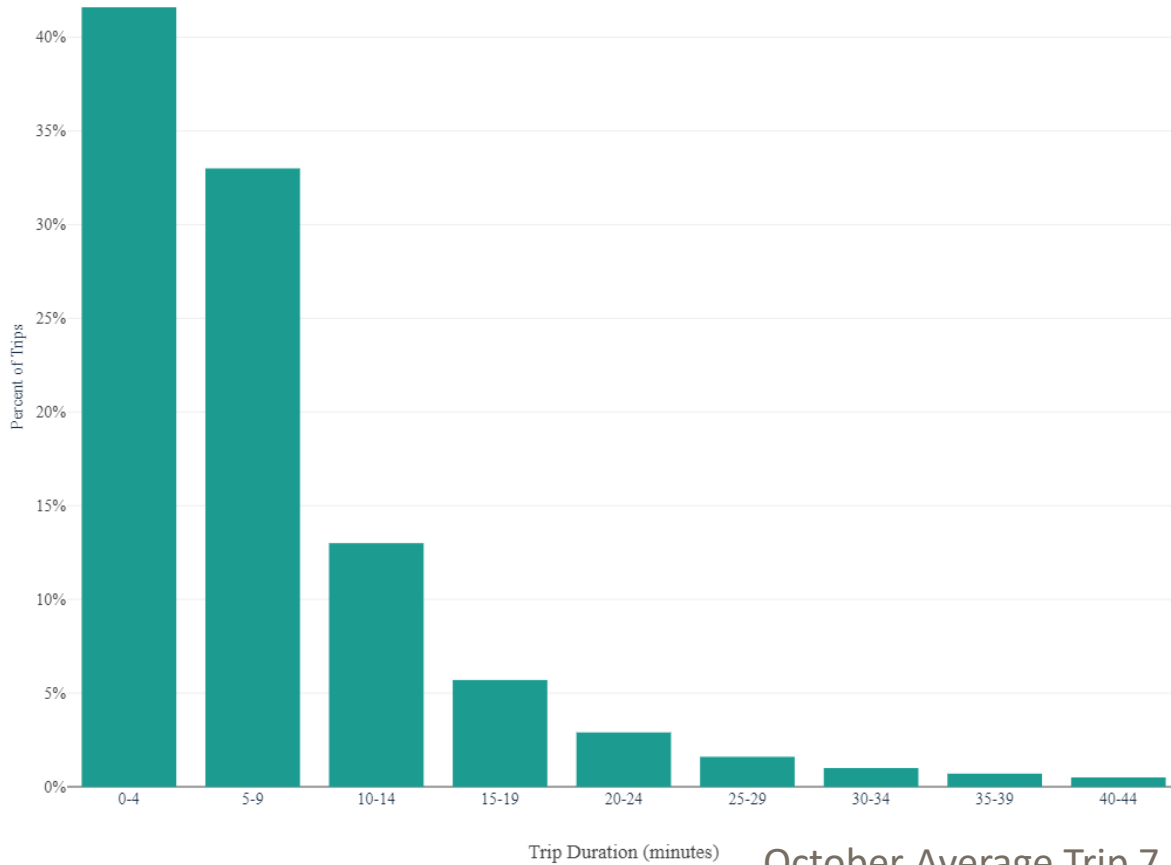
# Data

## Rides by Hour of Day (October Averages)



# Data

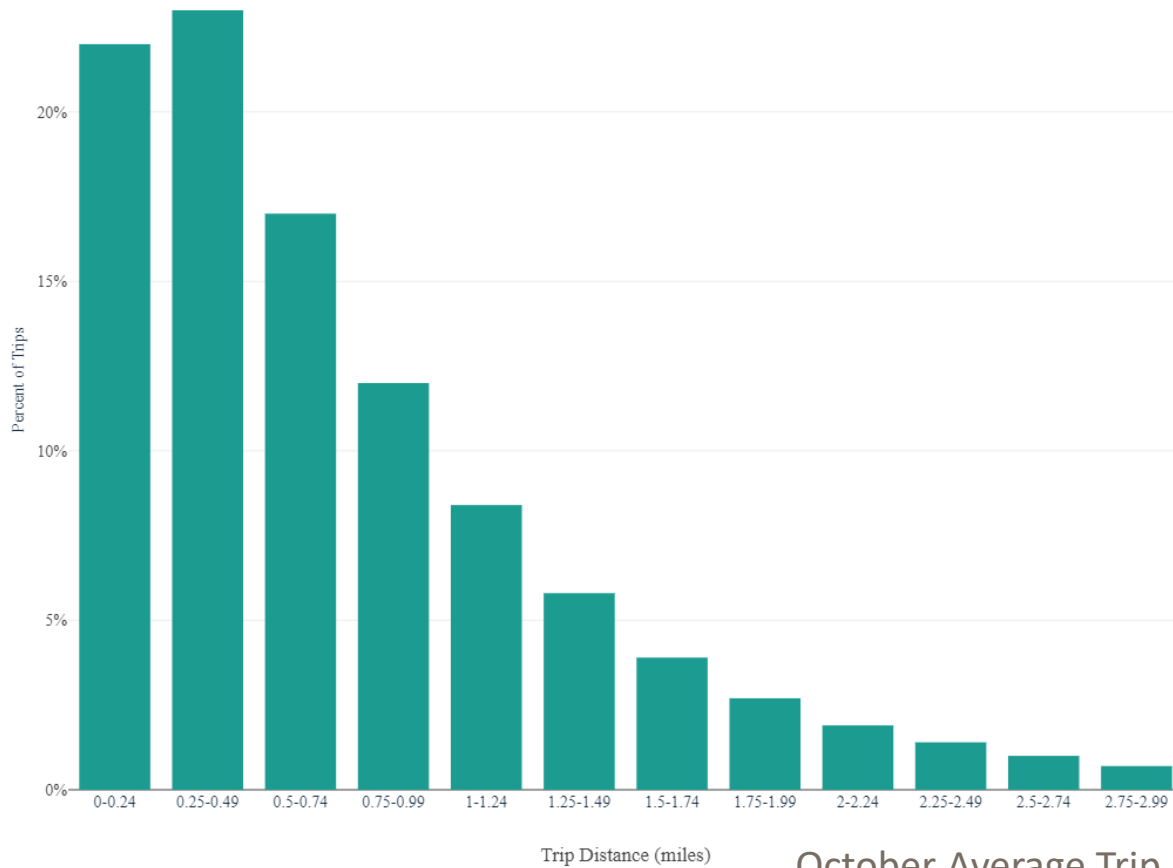
Trip Duration Distribution for Micromobility Trips (All Vehicle Types)



October Average Trip 7.5 Minutes

# Data

Trip Distance Distribution for Micromobility Trips (All Vehicle Types)



October Average Trip .74 miles



## Data

### Equity Zones Patterns

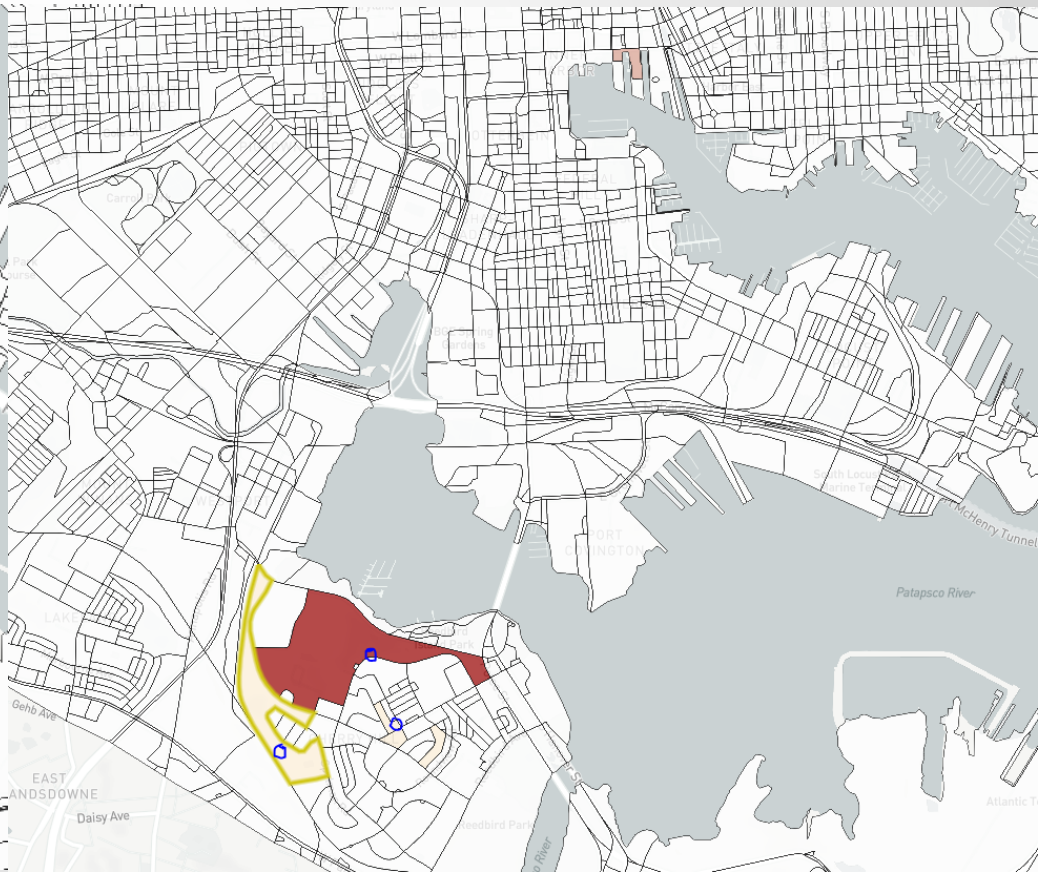
Cherry Hill Deep Dive – November 1-11

We can now pair origins and destinations by census block groups

### Origins



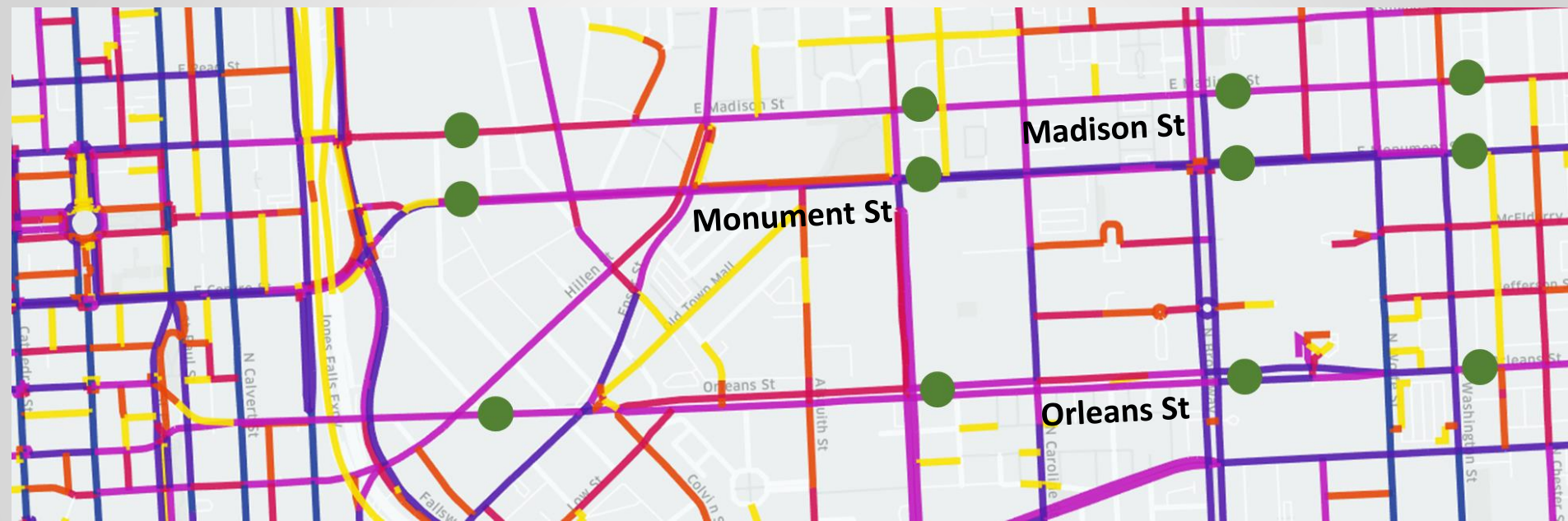
### Destinations





## Data

### Daily Trips (October): Monument St vs Parallel Routes



Just E of...	Constitution St	Central Ave	Broadway	Washington St
Block	500	1300	1700	2000
Madison St	5	7	10	6
Monument St	18	29	31	18
Orleans St	9	18	30	12



## Data

### Daily Trips (October): Potomac St vs Parallel Routes

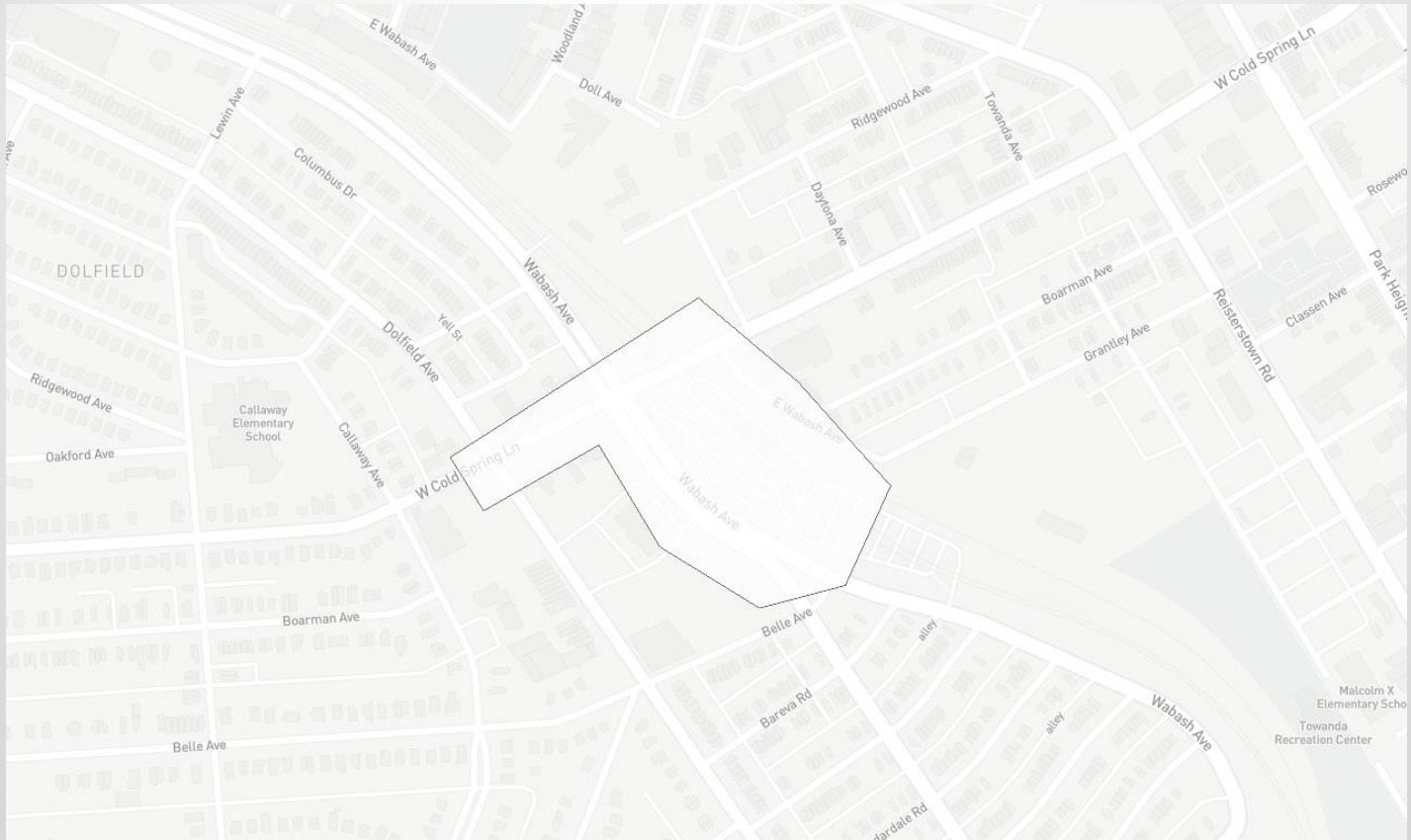


Just North of...	Block	Linwood Ave	Potomac St	Ellwood Ave	East Ave
Fleet St	500 S	30	18	12	14
Dillon St	900 S	44	35	12	15
Boston St	1200 S	25	20	9	18

# Updates

## Miscellaneous Updates

- Spin approved for 24 hour operations
- Next Vehicle Inspections and Response Checks Scheduled: week of 11/18
- New Equity Zone – W Cold Spring Metro, Replaces Reisterstown Plaza



## Action Items

### Safety Messaging:

*Vote on our monthly message for December:*

1. Always park courteously– don't forget to leave space for sidewalk users who may be in a wheel chair, pushing a stroller, or who are just not able to move this vehicle to get around it.
2. The best thing you can do for your safety is to ride predictably, so other know where you are going. Follow traffic laws, ride in the same direction as traffic, and try not to make any sudden changes.
3. Allow yourself time to stop – braking suddenly increases your chance of injury! If the ground is wet or icy, it may take you longer to come to a full stop.

### Educational Cards:

*We placed the order! If any other organization would like cards to distribute, please email me.*

### 2020 Safety Events

*Email me if organizations want a scooter safety presentation at upcoming events.*

## Action Items

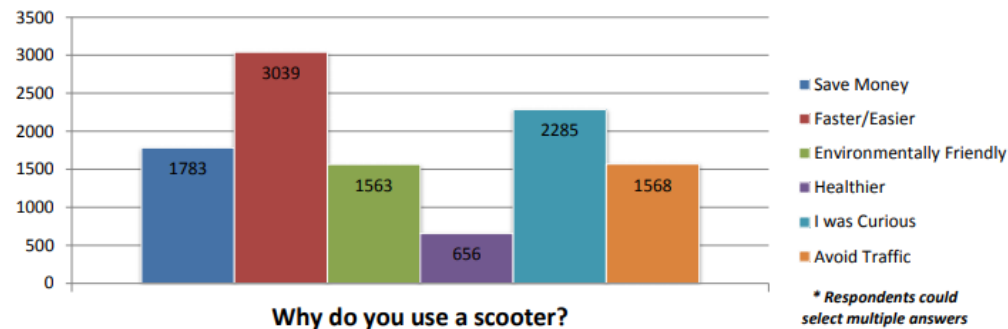
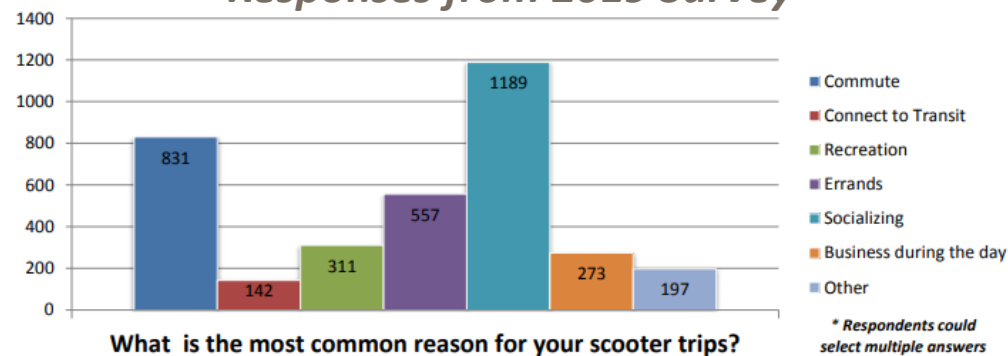
### User Survey

Planning a survey of users only this year, in January-February 2020

#### Categories of questions

- *Demographics*
  - *Race, gender, age, zip code*
  - *Other modes frequently used*
- *Purpose of Trips*
  - *Frequency*
  - *Mode shift*
- *Behavior*
  - *Helmet*
  - *Where you ride (street vs sidewalk)*
- *Issues*
  - *Crashes – reporting, type*
  - *Infrastructure needs*
- *Priorities and needs*

#### Responses from 2019 Survey

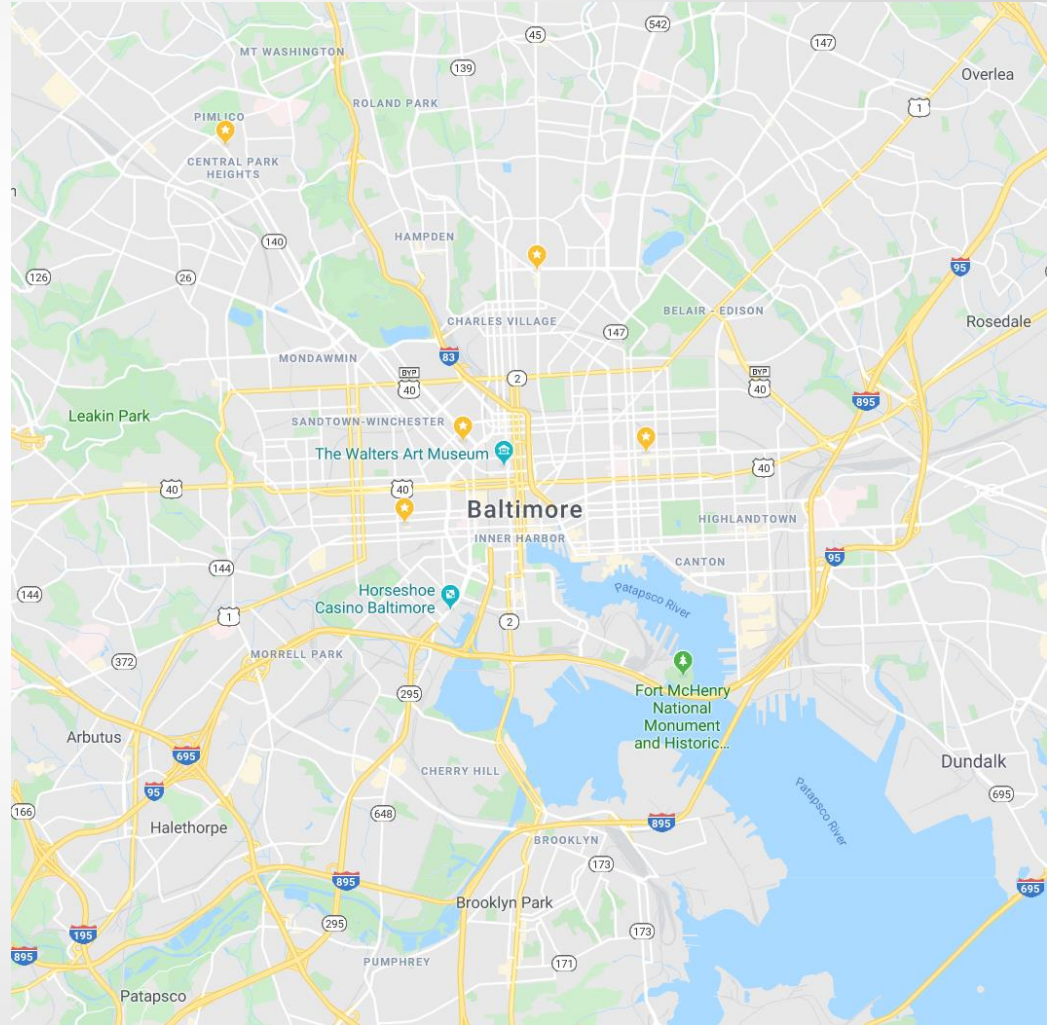


## Action Items

### Maintenance Items

- **Corrals**
  - First corrals will be in the 20 Equity Zones
    - Outreach planned over winter
    - Groups of 5 – prioritized by utilization
      - Northeast Market
      - 33<sup>rd</sup> at Greenmount
      - Park Heights at West Belvedere
      - McCulloh at Preston
      - Hollins Market
  - North Avenue Rising – 9 Corrals
  - MDOT/MTA MOU for all rail locations

*Reminder: Send immediate safety issues for maintenance with Dockless Fees*





## Action Items

### Next Meeting Dates:

- December 11<sup>th</sup>
- January 15th

