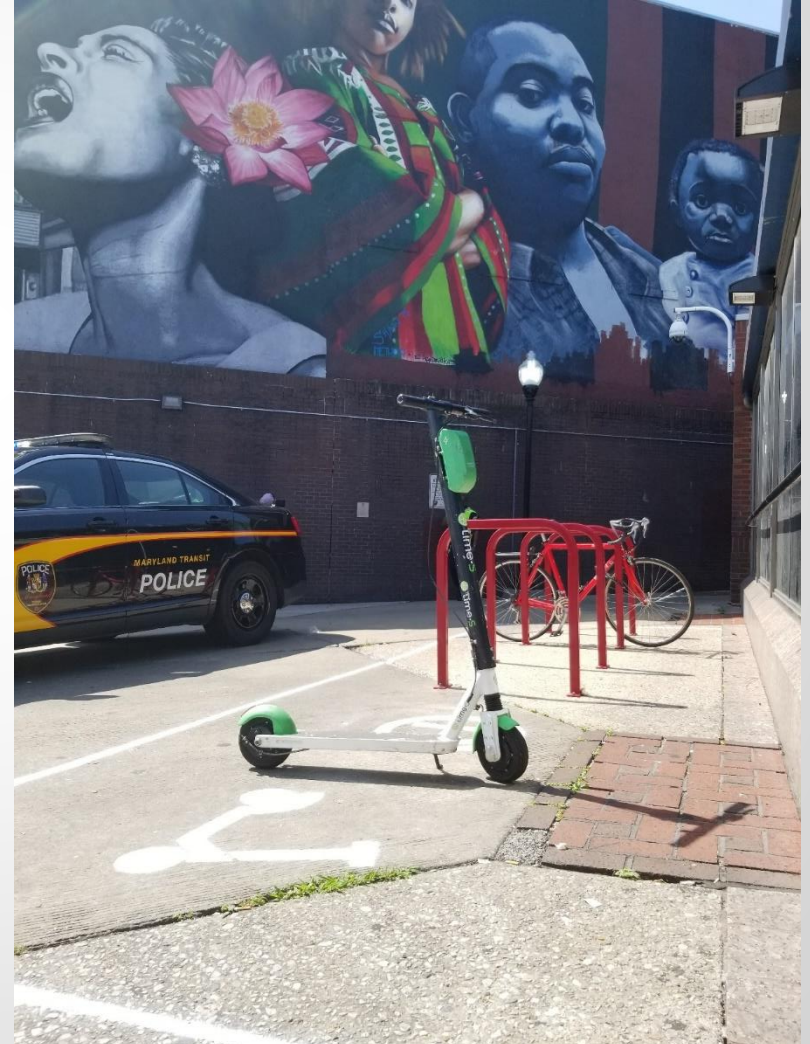


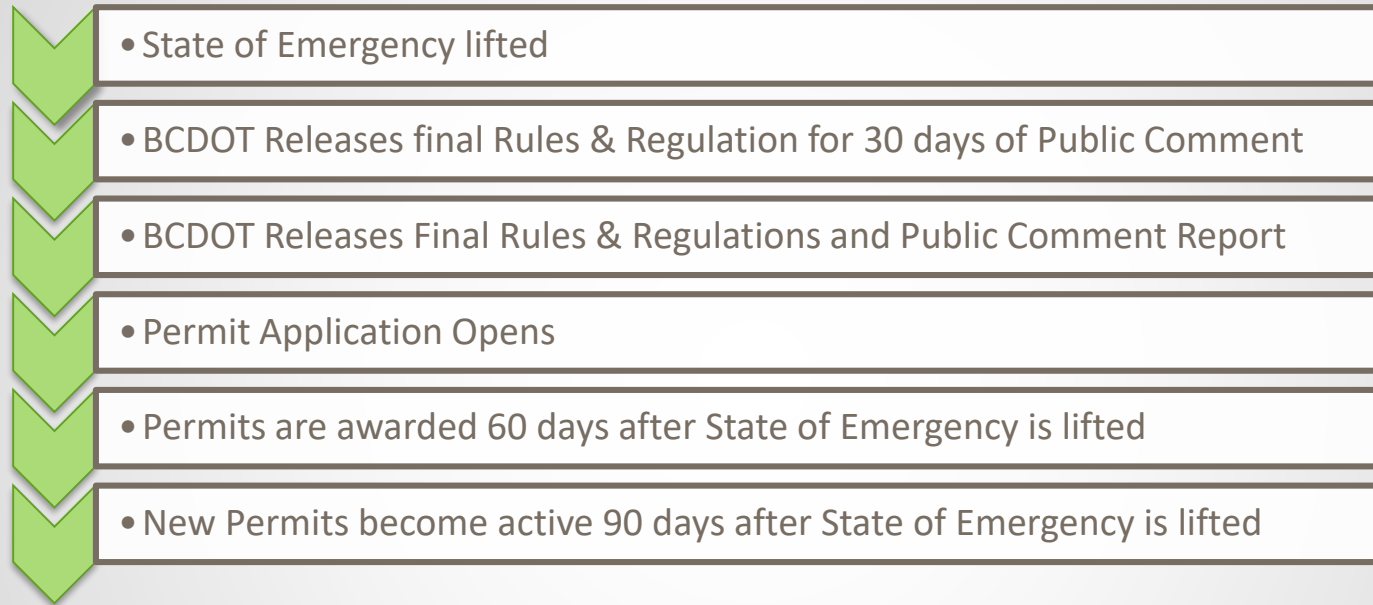
Dockless Vehicle Committee

July 8, 2020



Permit Updates

90 Day Permit Extension: Filed with Legislative Reference, effective June 9, 2020

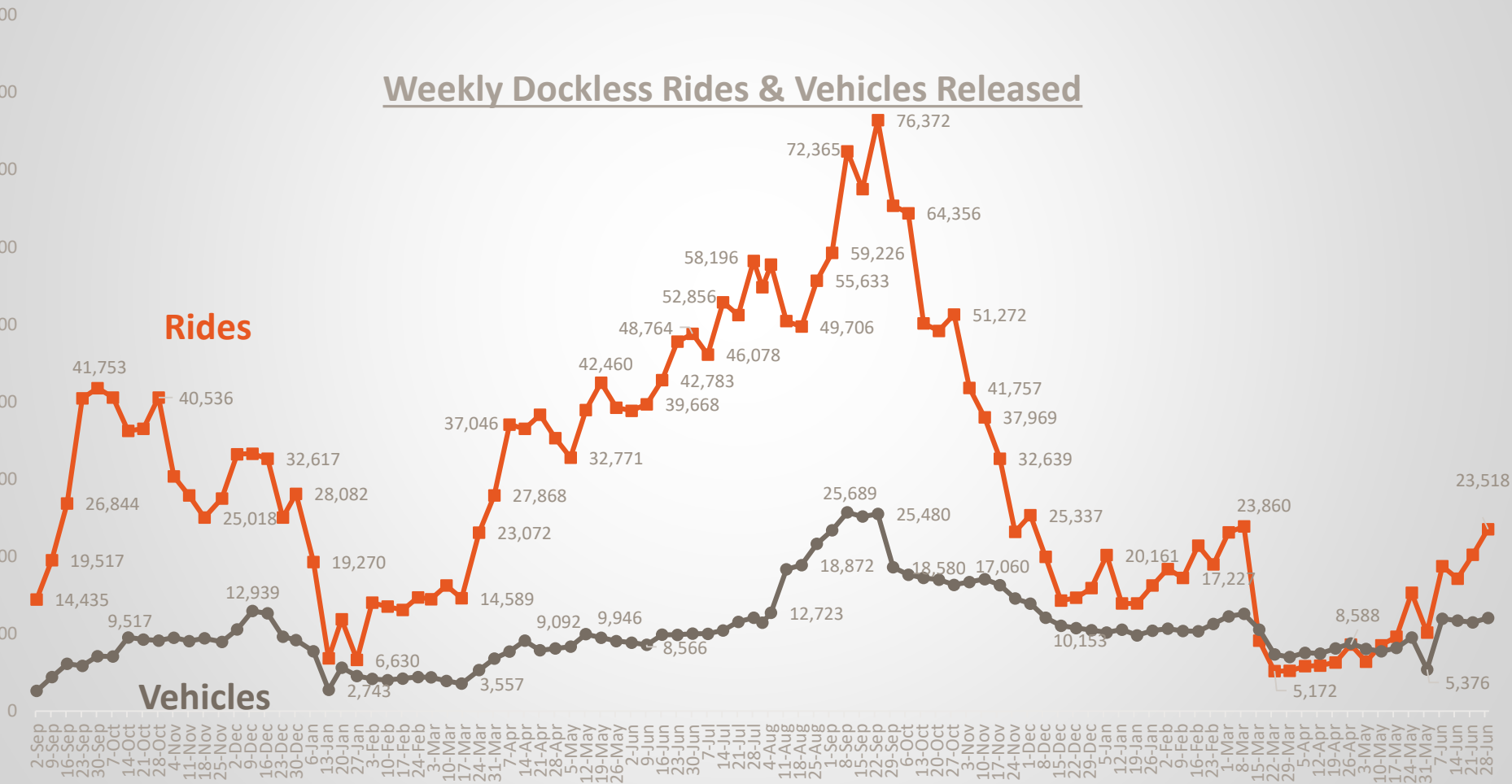


Phasing Requirements:

- Deployment district requirements resumed June 16th
- Top Ten Equity Zones reinstated – Discussion on subsequent slides

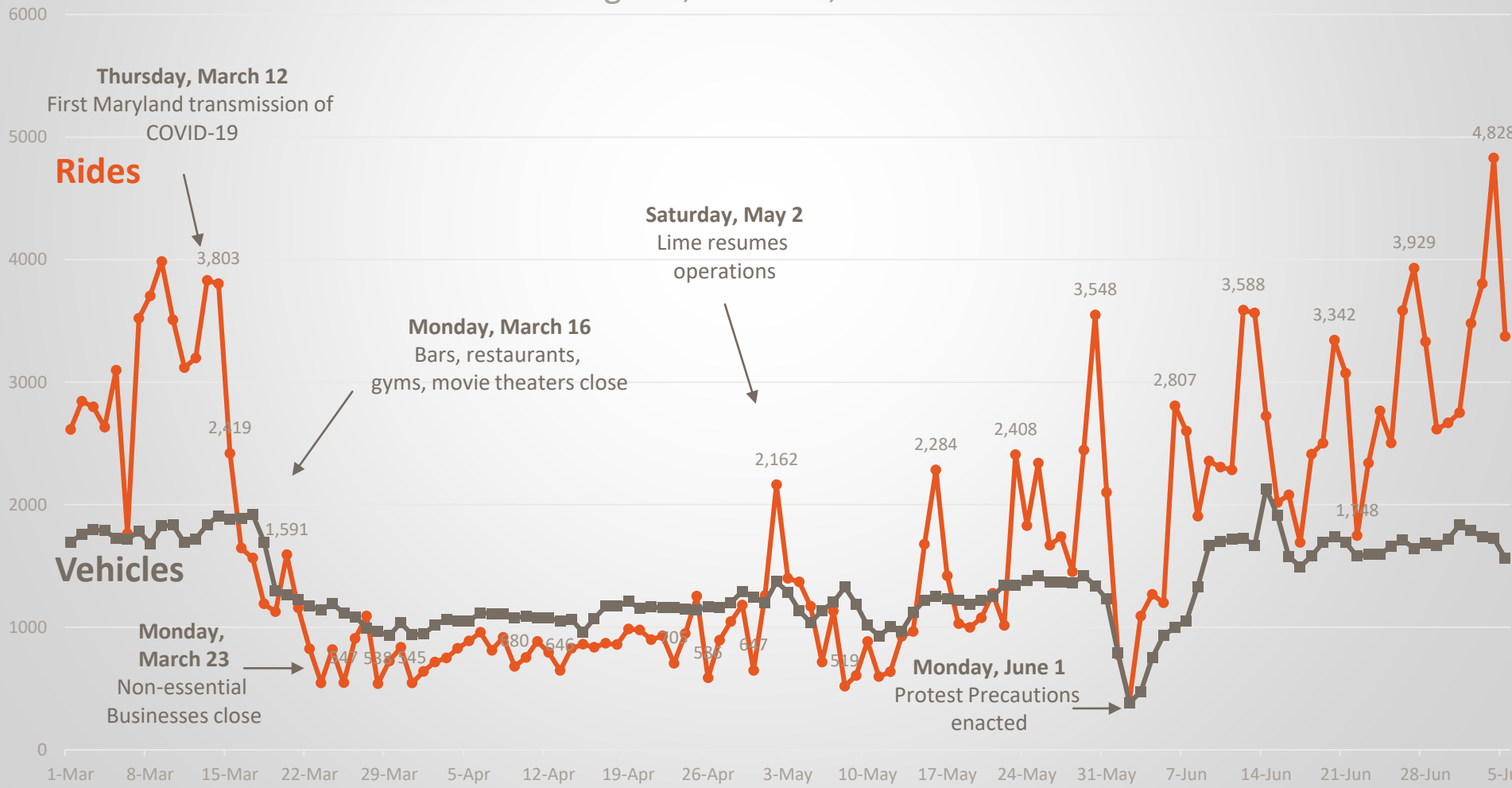
Data Updates

Weekly Dockless Rides & Vehicles Released



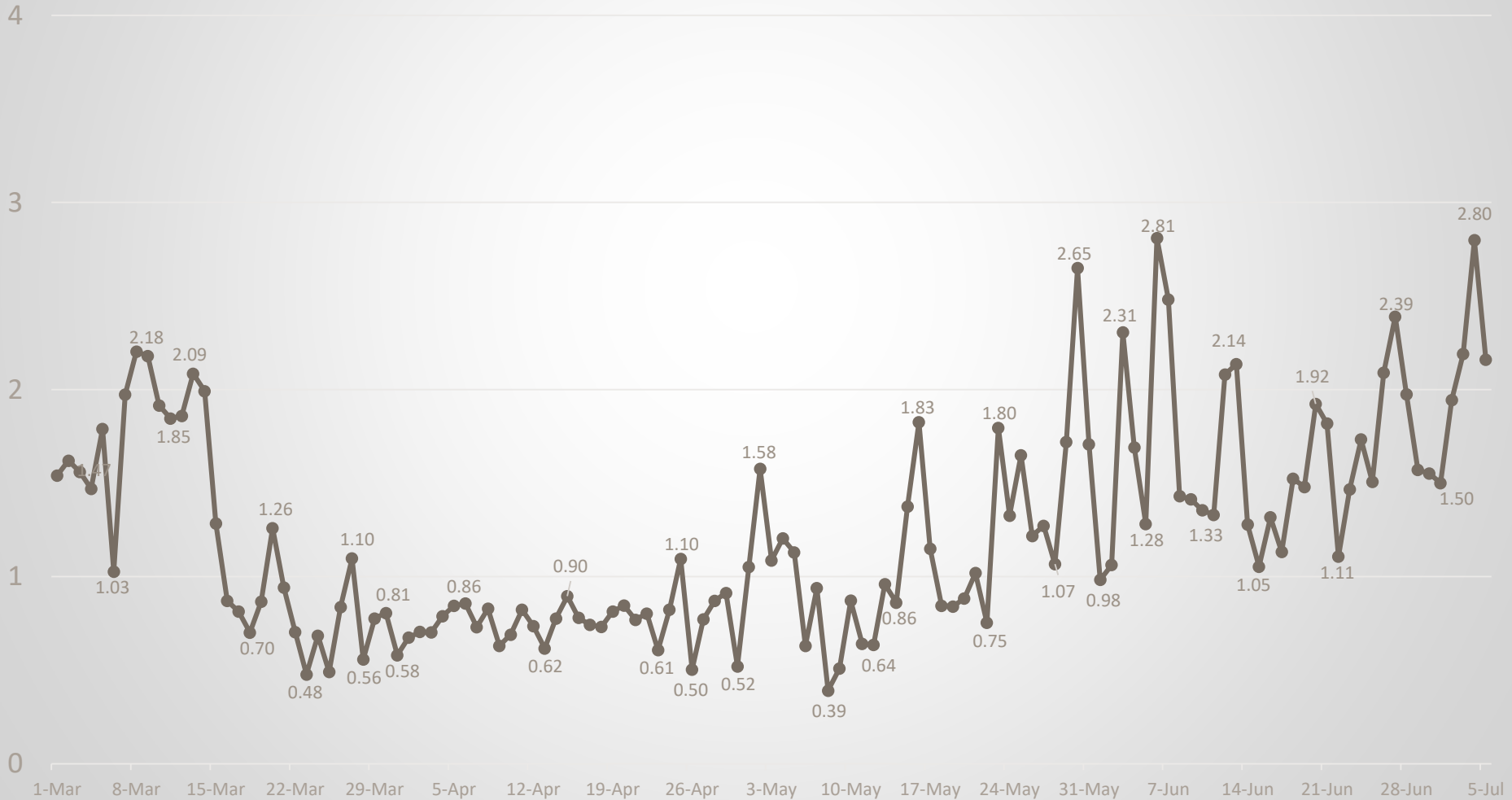
Data Updates

Daily Dockless Vehicles Deployed and Rides Permit Program, March 1, 2020 - Present

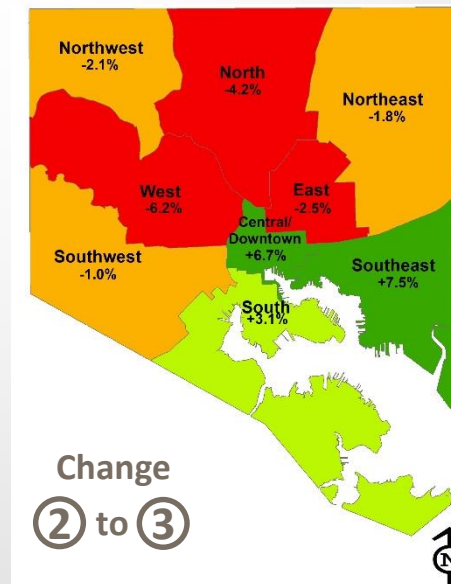
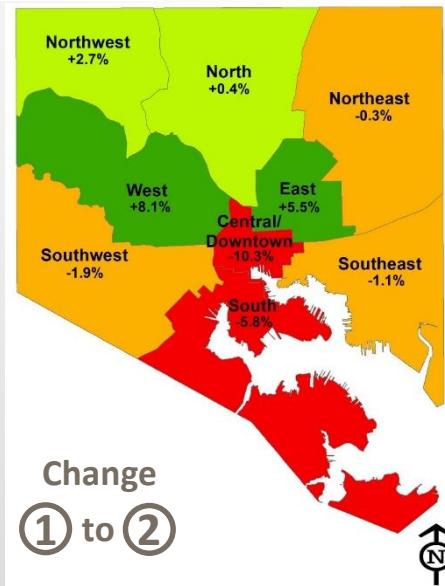
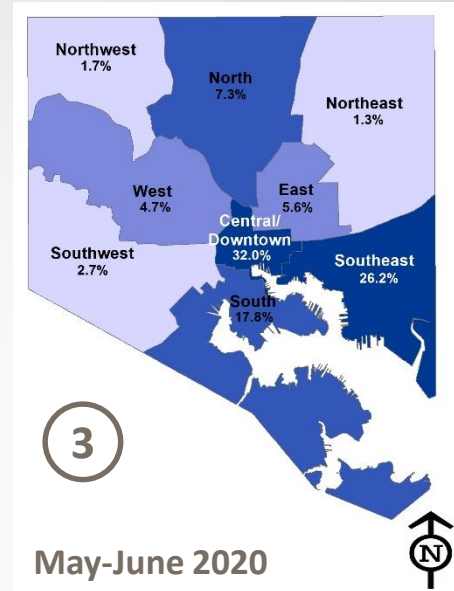
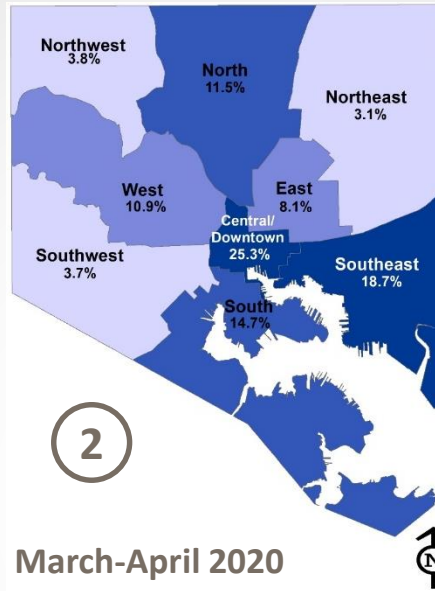
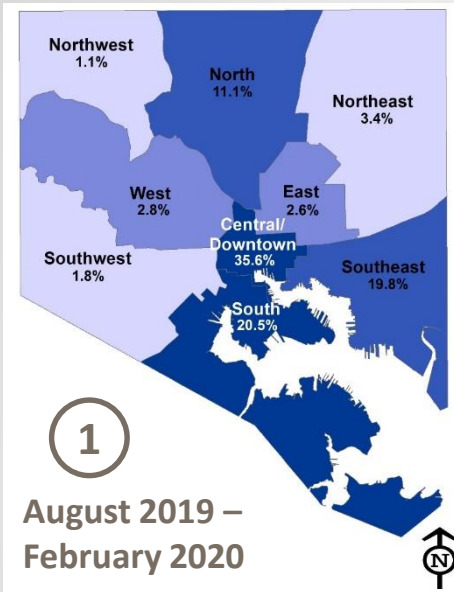


Data Updates

Rides Per Vehicle Per Day March 1, 2020 - present



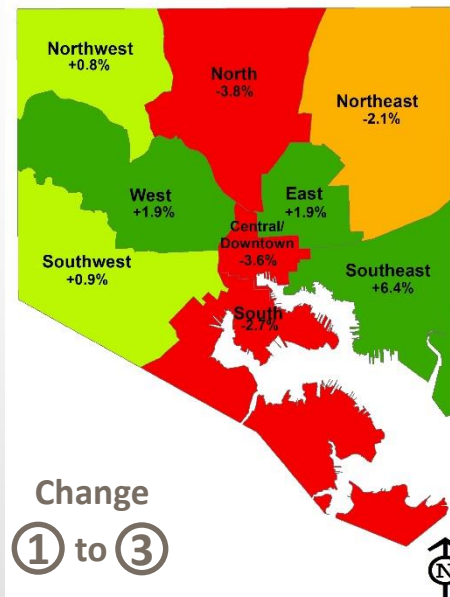
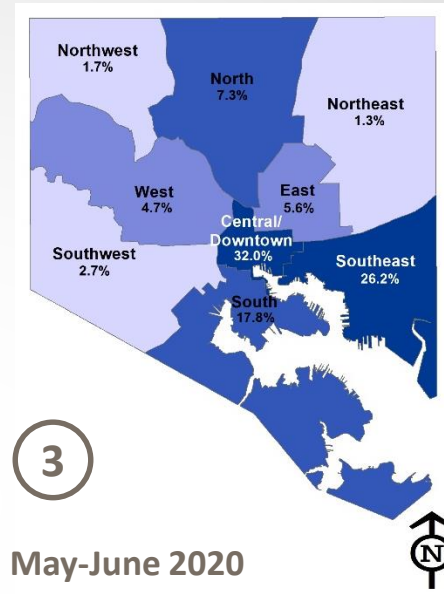
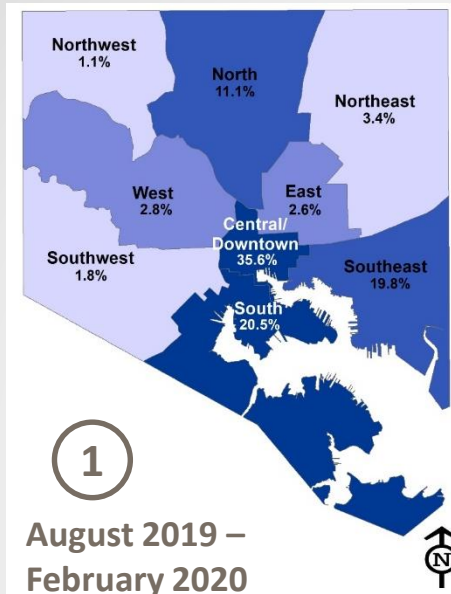
Data Updates – Ride Origins



- Largest decreases in Central and South districts
- Largest increases in East and West districts

- Largest decreases in North and West districts
- Largest increases in Central and Southeast districts

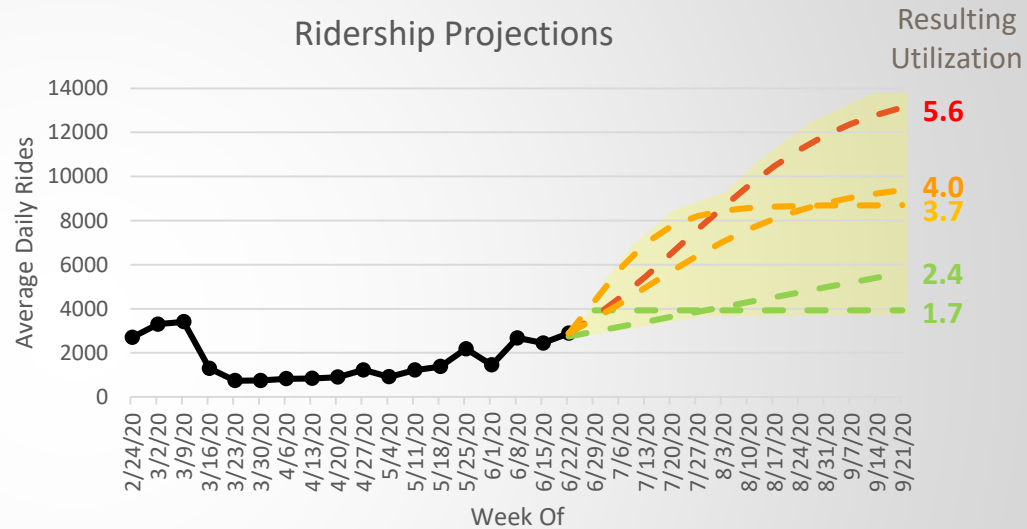
Data Updates – Ride Origins



- Greatest increase in Southeast
- Greatest decreases in North, Central, and South

Discussion: Fleet Projections

Lime Scooter Fleet Cap	1100
Spin Scooter Fleet Cap	1250
Total Maximum Fleet	2350
Preferred Max Daily Trips per Vehicle (DTV)	4



Daily Ridership Scenario	Daily Rides	DTV at Current Cap	Minimum Vehicles for 4 DTV
Maximum since COVID (June 27, 2020)	3929	1.7	982
Linear Growth projected to late September	5635	2.4	1409
Summer 2019 Average (August - September 2019)	8699	3.7	2175
Mid-Point between projection and 2019 Max	9384	4.0	2346
All-time maximum (September 29, 2019)	13132	5.6	3283

Discussion: Fleet Projections

DOT Recommendation:

Continue to allow **quarterly increases** using the adopted criteria. Companies can apply for increases of up to 250 vehicles.

- Dependent on: deployment compliance, vehicle inspections, previous trips per vehicle, and any violations to date.
- These increases will roll over to the next permit year

Also allow **monthly temporary increases** of 250, which the companies must apply for and be approved.

- Example: If we have high numbers in July we could allow larger fleets for August.
- The companies would submit these requests as 30 day suspension of current deployment requirements. Should they not re-apply after 30 days or should the demand go down, the increased fleet cap would be removed.
- These increases wouldn't roll over to the next permit year.

Discussion: Equity Zone Adjustments

DOT Equity Zone Rankings:

Equity Zones (EZ #)	OVERALL Rank	Metric Rankings		
		Trip Origins	Utilization	Miles Ridden within ½-Mile Radius
33rd at Greenmount (5)	1	2	1	3
McCulloh at Preston (18)	2	3	3	1
Rogers Ave Metro (1)	3	1	4	9
Library Square (11)	4	6	6	4
Penn-North (20)	5	5	7	7
West Cold Spring Metro (2)	6	4	2	14
Northeast Market (10)	7	9	10	2
Hollins Market (14)	8	11	5	5
Upton Metro (19)	9	8	9	6
West Baltimore MARC (17)	10	7	8	12
North Ave at Harford Rd (9)	11	10	13	8
Cherry Hill Light Rail Station (12)	12	12	11	13
Belair Edison Main Street (8)	13	13	15	11
Park Heights at Belvedere (3)	14	15	12	16
Harford Rd at Coldspring (7)	15	16	14	17
Westside Shopping Center (16)	16	19	19	10
Washington Blvd (15)	17	17	17	15
Harford Road at Hamilton (6)	18	14	18	18
York Road at Bellona (4)	19	18	16	19
Patapsco Ave (13)	20	20	20	20

Discussion: Equity Zone Adjustments

DOT Equity Zone Temporary Adjustment Methodology:

- Top ten utilized EZ remain with few adjustments - perhaps expanding if there are visible patterns on routes.
- We combine or expand lower ranking EZ.
- Note: Any EZ near transit stations will not be widened.
- Outreach to community associations in all the zones for any comments, observations or recommendations
- Observations at any EZ which may be eliminated

Considerations:




- Long term sustainability
- Maximum benefit to users
- Equity in planning

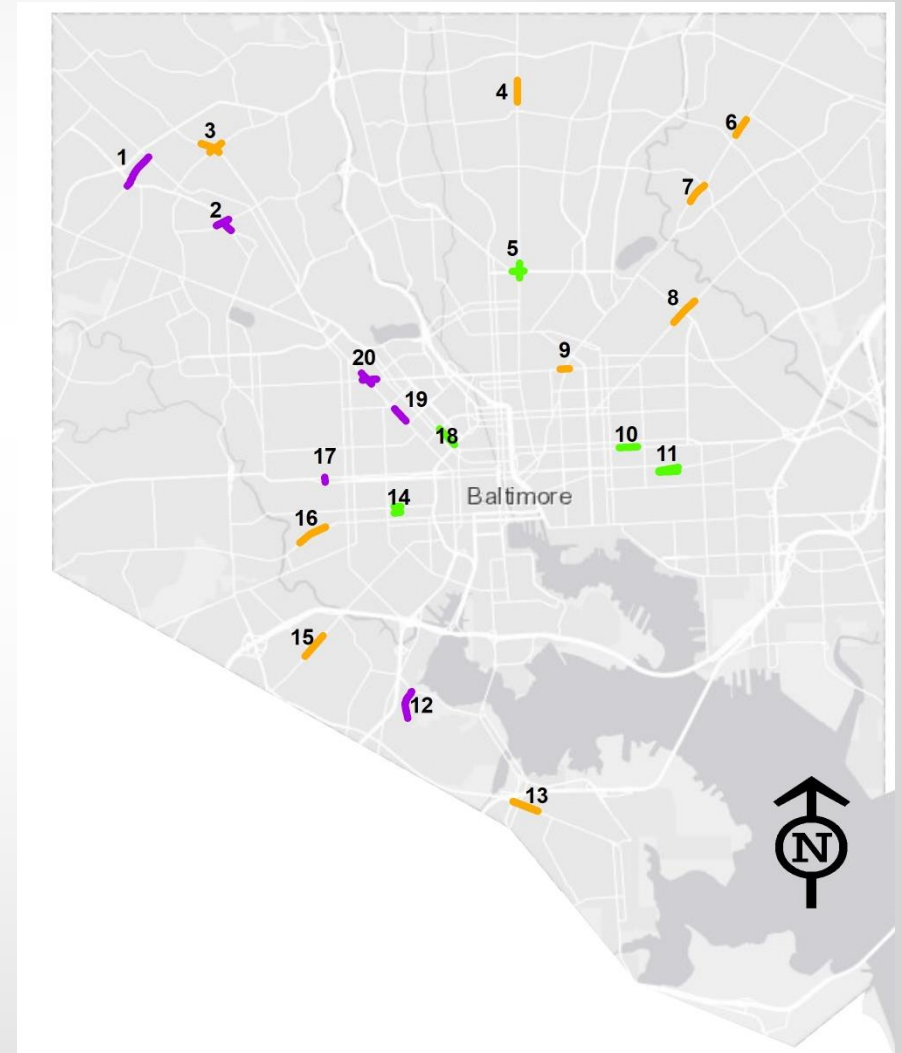
Long term Methodology:

- JHU research
- Outreach
- Best Practices – conversations with other cities
- Monitoring the state of Micromobility

Discussion: Equity Zone Adjustments

DOT Equity Zone Temporary Adjustment Proposed Methodology:

-  Transit Stations (no modification)
-  Top 10 (little/no modification)
-  Adjust



DOT Updates

Corral Installation :

- Week 1: Fliers distributed this week, posts made on Nextdoor, neighborhood associations notified
- End of Week 2/3: Installation if there are no serious community objections
- Prioritization:
 - Equity Zones
 - MDOT/MTA Partner Locations
 - North Avenue Rising
 - Rail Stations
 - Next rounds: high ridership locations, public markets



DOT Updates

Corral Installation :

NAR Completed:

- Penn North
- North Ave Light Rail
- North at Harford
- North at Broadway
- North at Guilford

Equity Zones Completed:

- Penn North
- North at Harford
- Northeast Market

Equity Zones in Progress:

- Hollins Market
- Upton
- West Baltimore Marc
- 33rd at Greenmount
- Park Heights



DOT Updates

Bicycle Facility Audit

- Paid for from Dockless Vehicle Permit Fees
- Performed on Bike and Scooter
- Output: [GIS Map](#)

Short Term Fixes – In House		Long Term Fixes – Bike Maintenance Contract	
Bike Friendly Grates	13 locations- Coordinating with DPW	Striping	Calculating rate of decay, providing data to Street Cut enforcement
No Turn on Red	43 locations – Traffic Review	Flex Posts	Calculating rate of decay, evaluating problematic areas
Potholes	Locations unrelated to manholes to be assessed	Drainage and Intersection Redesign	Will prioritize and address a limited number annually

Action Items

Community Announcements?
Data/ Analysis Requests?

Next Meeting Dates:

- August 12
- September 9

