Dockless in DC: *The experience*

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October 31, 2018
Metropolitan Washington Council of Governments

Overview

- Timeline of Dockless Vehicles in DC
- Program Evolution
  - Current Permits
  - Regulatory Framework
  - Program Management Evolution
- Continuing Questions

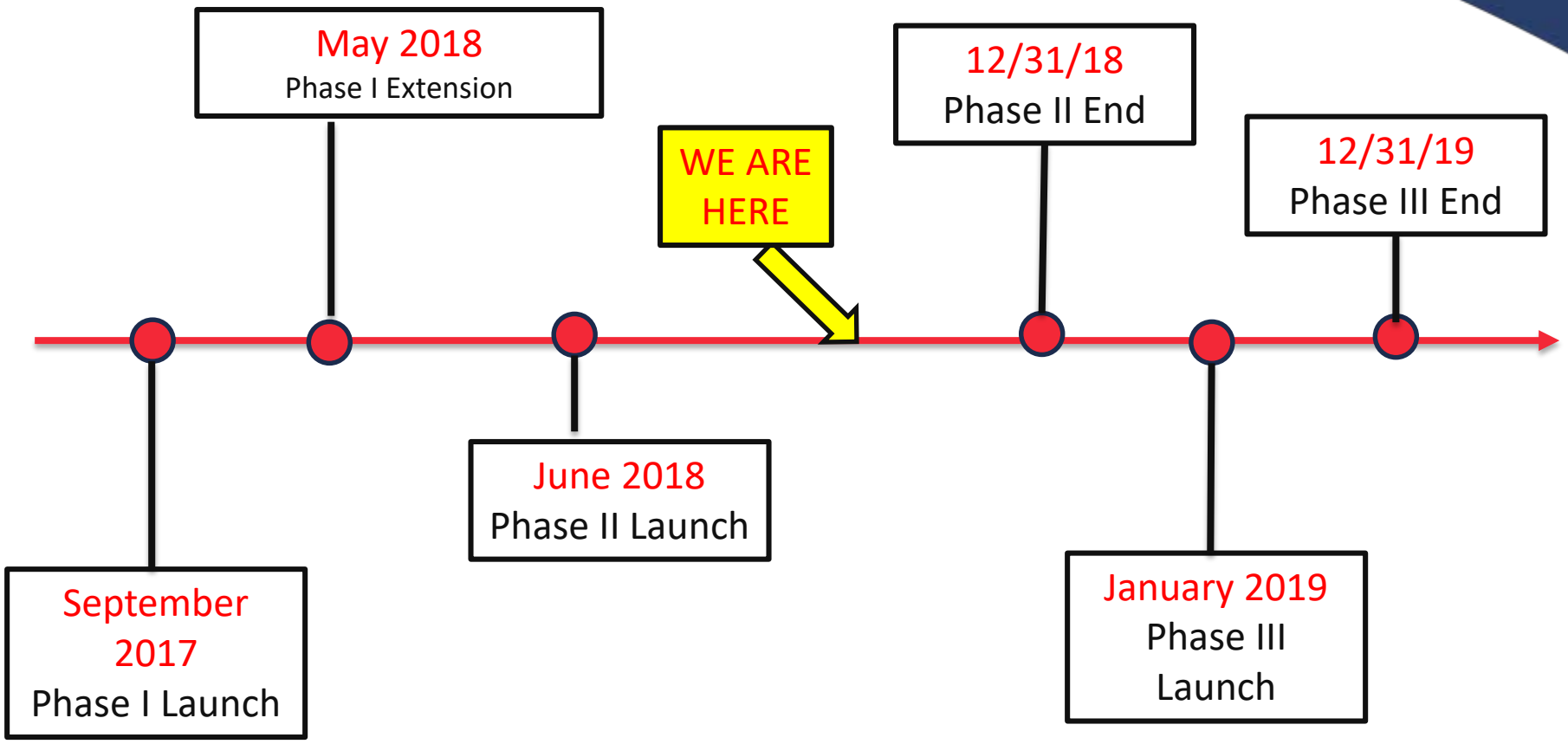
Evolution of two-wheeled vehicle-share in DC

2008

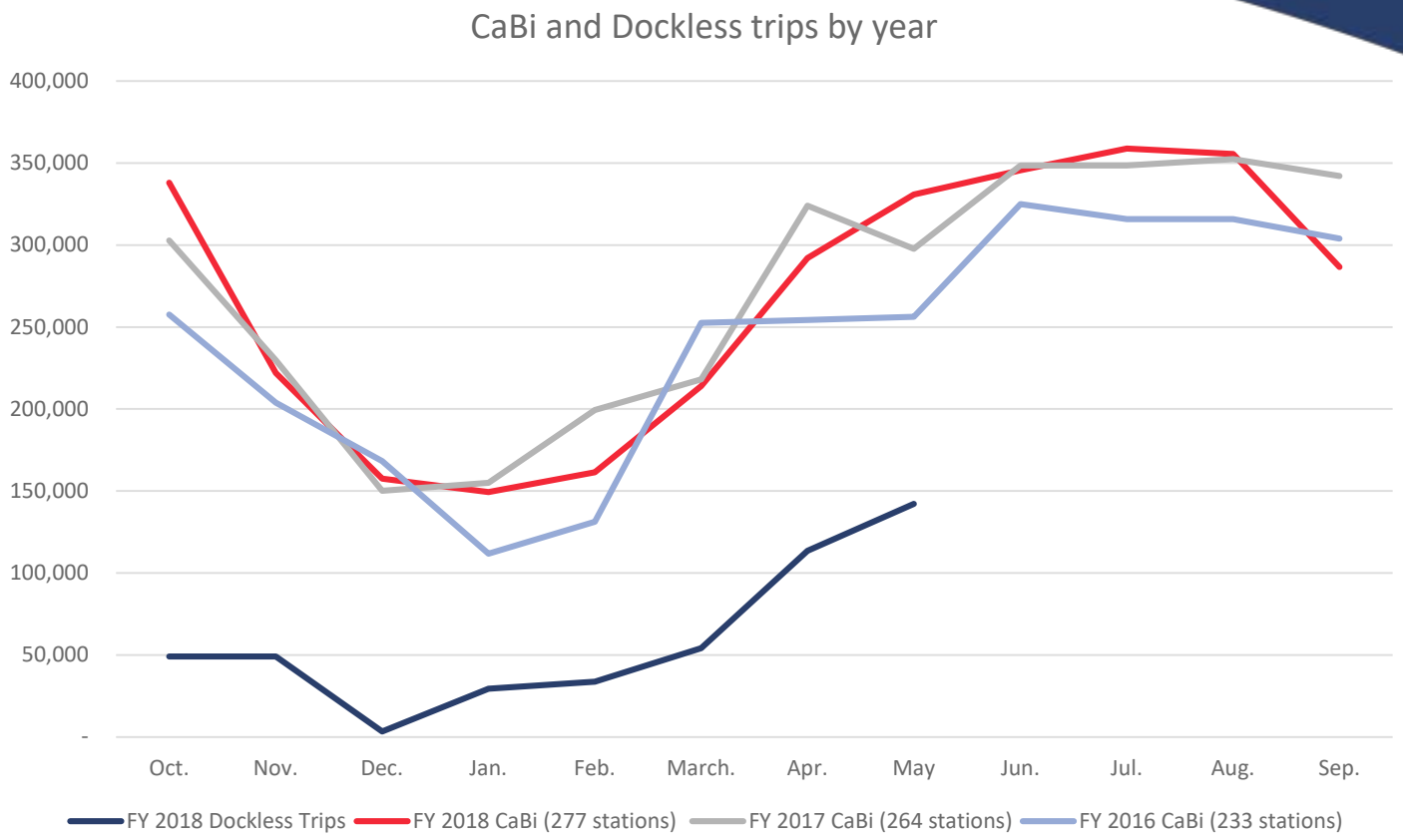
2010

2017

High-level Timeline



Ridership trends?



	Oct.	Nov.	Dec.	Jan.	Feb.	March.	Apr.	May	Jun.	Jul.	Aug.	Sep.
FY 2018 Dockless Trips	49,084	49,096	3,304	29,485	33,795	54,087	113,571	142,189				
FY 2018 CaBi (277 stations)	338,110	222,045	157,553	149,285	161,388	214,057	292,077	330,857	345,595	358,920	355,511	286,662
FY 2017 CaBi (264 stations)	302,855	229,820	150,176	155,058	199,501	218,069	323,948	297,707	348,482	348,497	352,497	342,118
FY 2016 CaBi (233 stations)	257,640	203,965	168,217	111,823	131,294	252,647	254,216	256,278	324,978	315,877	315,877	303,898

Current Permitted Operators

Photo Credit: Washingtonian

- Permitted Scooter Companies
  - Bird
  - Lime
  - Lyft
  - Skip
  - Spin (not currently operating)
- Permitted Bike Companies
  - Jump (e-bikes)
  - Riide (e-bikes, not currently operating)

Regulatory Framework

- Able to launch dockless demonstration under existing rules
- Rulemakings currently underway to strengthen permit
- More rules are anticipated for future iterations of the program

Permit Application	11/5/2018	Companies must describe their plans to achieve DDOT desired outcomes for the dockless program
Terms and Conditions	11/5/2018	These are the most specific requirements that companies must fulfil – companies agree to comply and DDOT issues a Public Right of Way Occupancy Permit (PROWOP)
First Mayor's Order	10/25/2018	2018-075: Delegation – Authority to the Directors of the District Department of Transportation and Department of Public Works; Public Space and Public Rights-of- Way • Concurrently delegates Mayor's authority to remove an apparatus, structure, or device from the public space, a public right of way, or a public structure to DPW • Delegates Mayor's authority to promulgate rules for public space to DDOT
First rulemaking	10/26/2018	DDOT Dockless Shared Vehicle Proposed Rulemaking • Defines dockless sharing vehicles, dockless program, etc. • Sets permit fees, performance bond, etc. • Sets a few basic programmatic requirements for receiving a PROWOP

In Process Rulemaking: Permit process

- Comment Period ends 11/26/2018

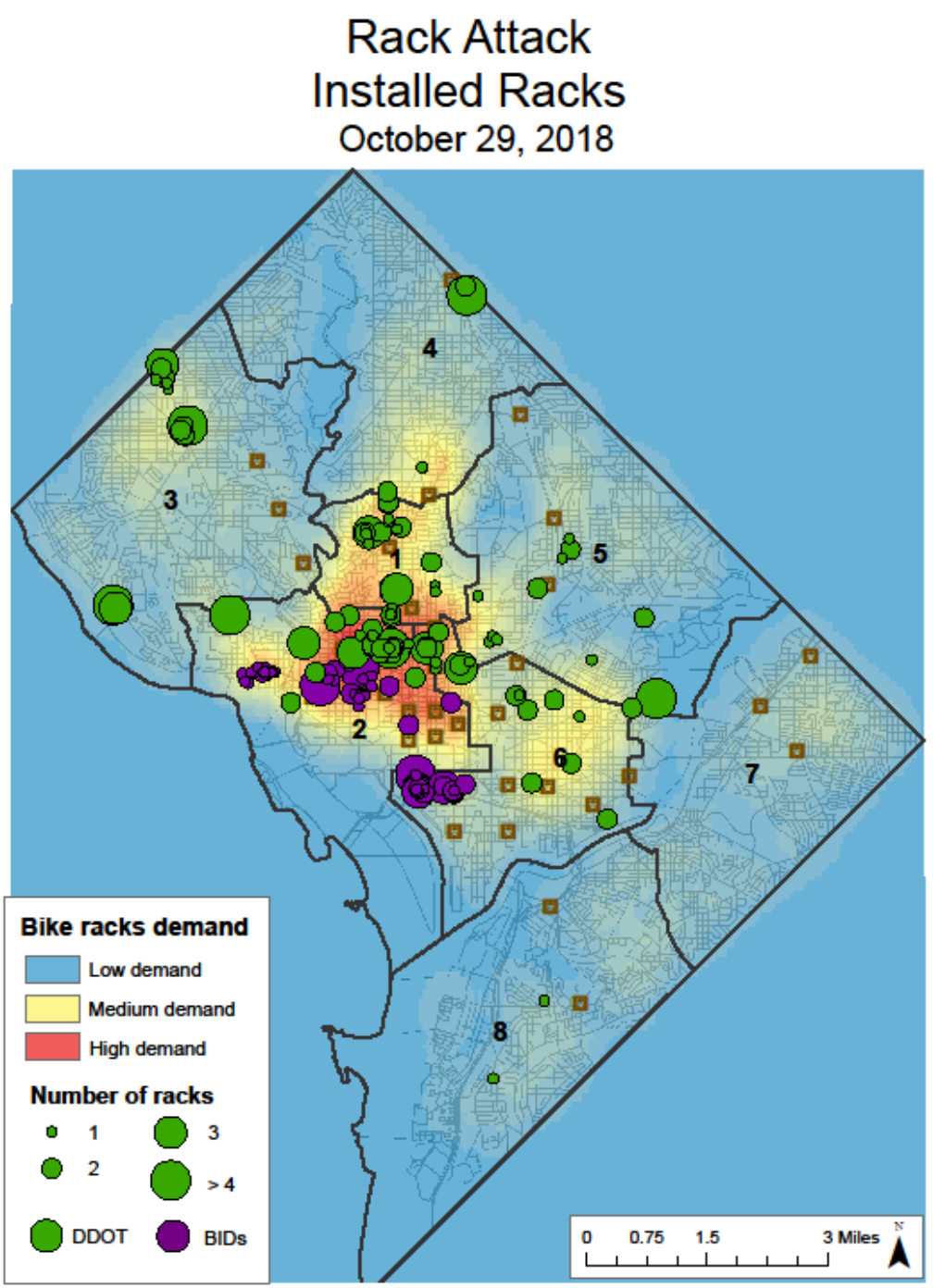
- **Highlights:**
  - Requirements for Operational Plan
  - Vehicle requirements including
    - GPS
    - Lock-to mechanism for bikes
    - Public API
    - Vehicle Identifiers
  - Anonymous ridership data reporting
  - Rate setting for permitting process

- https://dcregs.dc.gov/Common/NoticeDetail.aspx?NoticeId=N0074553

PROGRAM MANAGEMENT EVOLUTION

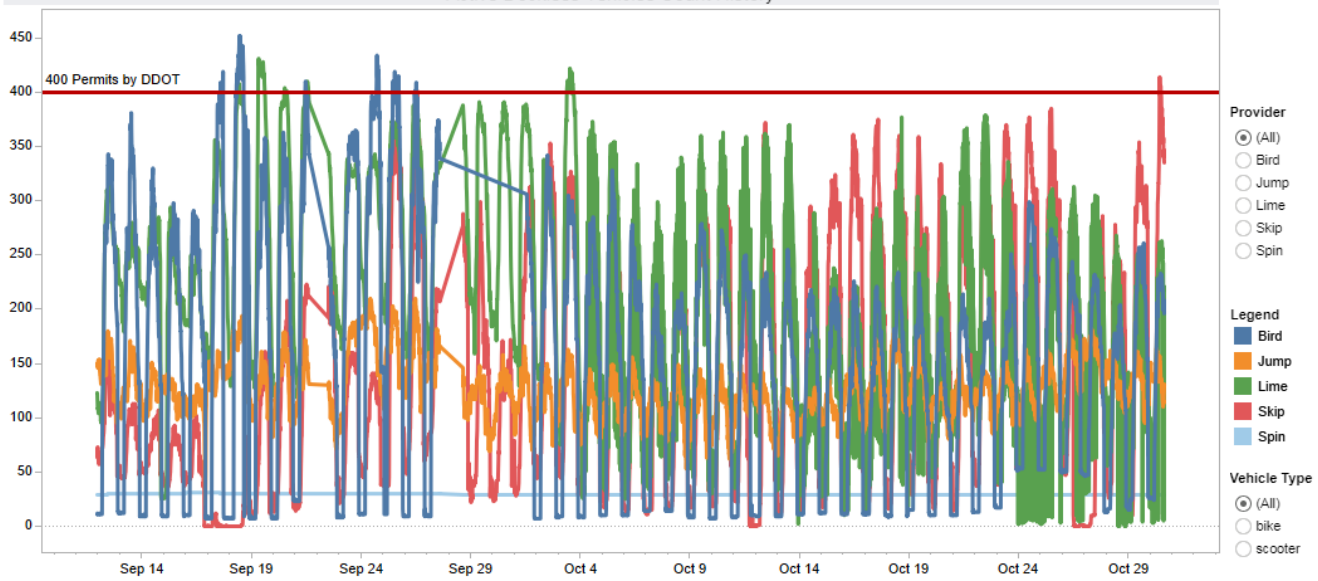
Infrastructure

- Bike Parking Demand Analysis (including dockless trip data)
- Reimbursable Maintenance Agreements with BIDs
- Utilizing in-house staff for #rackattack
- Nearly **300** racks installed so far!



Program Oversight-Internal Applications

DDOT Dockless Bikeshare Vehicle Dashboard



Active Dockless Vehicle by Location

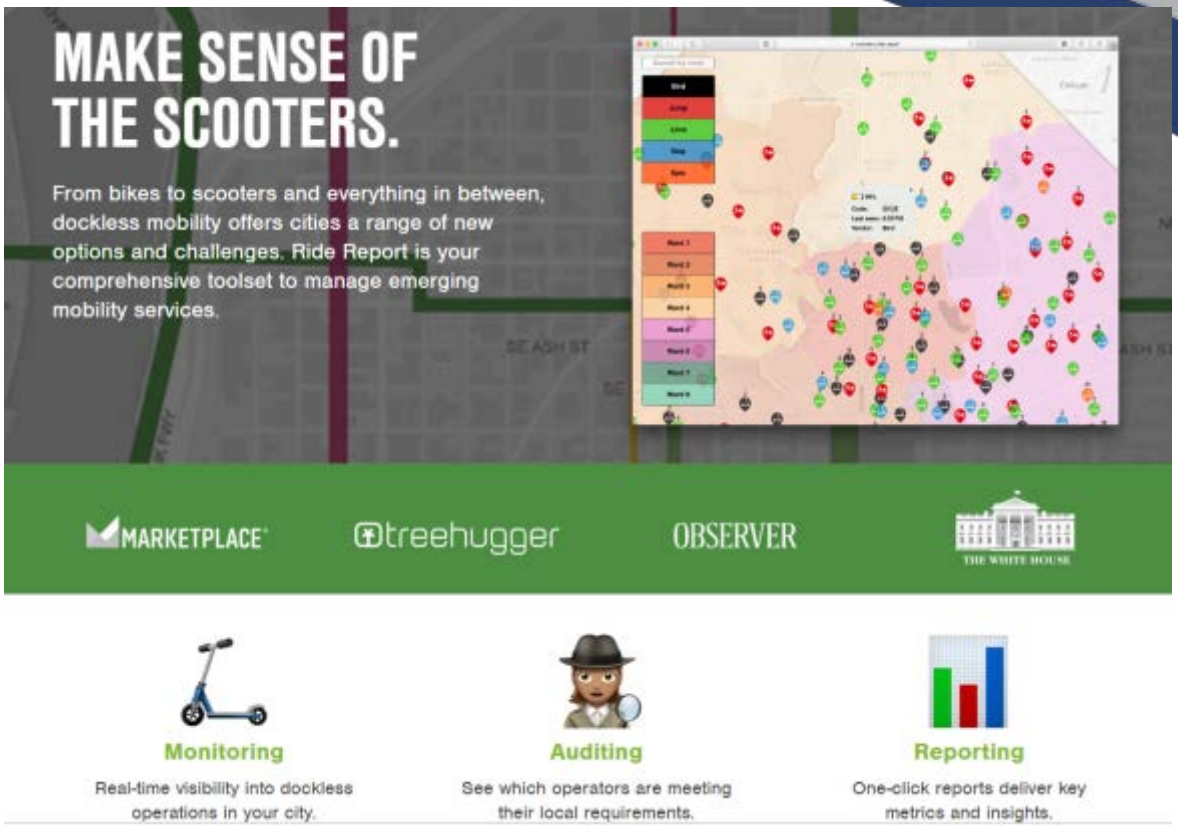
	Ward 1	Ward 2	Ward 3	Ward 4	Ward 5	Ward 6	Ward 7	Ward 8	Outside	Total
Bird	20	64	11	3	30	36	10	22		196
Jump	8	45	7	12	25	23	11			131
Lime	9	91	10	6	14	68	13	7	1	219
Skip	29	166	27	5	14	86	8		458	793
Spin	1	1			24	2	1		18	47
Total	67	367	55	26	107	215	43	29	477	1,386

Inactive Dockless Vehicles by Location

	Ward 1	Ward 2	Ward 3	Ward 4	Ward 5	Ward 6	Ward 7	Ward 8	Outside	Total
Bird	362	996	92	43	283	332	136	102		2,346
Jump	22	61	8	21	85	69	9	5	3	283
Lime	115	475	34	93	329	291	49	60	48	1,494
Skip	109	479	24	24	99	244	43	66	3,844	4,932
Spin		1			1				1	3
Total	608	2,012	158	181	797	936	237	233	3,896	9,058

Program Oversight- External Applications

- Third party data aggregators/researchers
  - Cost/benefit of working with an external party
  - Privacy?
  - Evaluation of potential vendors?



2019 “Phase III” Permit

- Will be published on Monday, 11/5
- In the process of developing evaluation criteria
- Some elements of permit application are dependent on the rulemaking that is in process

WHAT'S NEXT?

Questions that we're still asking:

- Enforcement?
- Program ownership? (Transitioning from multi-divisional efforts to single program)
- Data management, evaluation, and sharing?

Regional Considerations

- Cross-jurisdictional trips
- Fleet sizes
- Technological requirements
- Shared customer service
- Permitted vendors

District Department of Transportation

Thank You!

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