



apbop  
CONFERENCE  
2019

Portland, Oregon  
*August, 25-28*





# ADVANCING BIKE SHARE FOR ALL ABILITIES



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## Equality



## Equity





# Adaptive BIKETOWN

PORTLAND, OR

Liz Hormann, Portland Bureau of Transportation and  
Jeremy Robbins, Adaptive BIKETOWN Work Group member



Portland, Oregon | *August, 25-28*



# Adaptive BIKETOWN: Increase access to biking for people with disabilities



Program partners:





## HOW DOES ADAPTIVE BIKETOWN WORK?

Step **1** Make a reservation.

Visit [AdaptiveBIKETOWN.com](http://AdaptiveBIKETOWN.com)  
Runs May 1 - October 31, 2018.



Step **2** Get fitted.

Depending on the individual,  
this could take 10 minutes – 1 hour.



Step **3** Bike!



Step **4** Share your ride.

Tag #AdaptiveBIKETOWN on social media.



# Adaptive BIKETOWN: 2018 Pilot Recap



**189 rentals**  
(+220% from 2017)



**87%** TriMet Honored  
Citizen Passholders

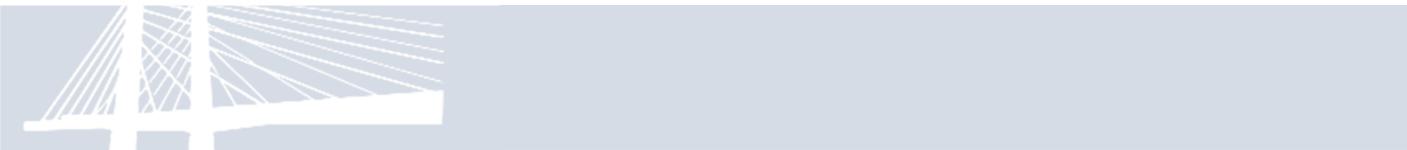


**6 months**  
(2x as long as 2017)



**35%** first-time  
adaptive bike riders

OVERALL EXPERIENCE RATING





## Adaptive BIKETOWN Work Group



# Lessons Learned

- Program built for and by the community
- Use multiple methods of collaboration and engagement
- Continue to iterate with new technology





*Adaptive Biketown offers folks the ability to choose within their abilities a recreational vehicle of sorts to experience our beautiful city in a new way which is not only fun, but also good for the body, for the mind, and for the soul. - Deidre Hall*



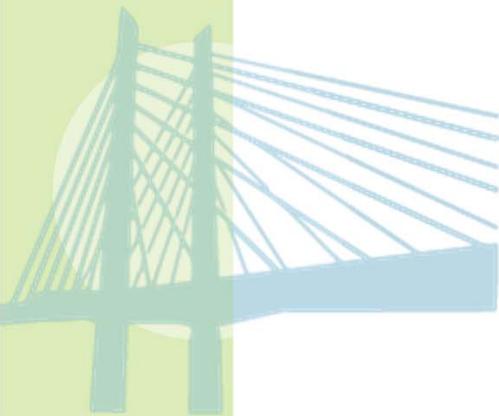
# Adaptive MoGo

DETROIT, MI

Rory Lincoln, Director of Programming & Operations



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**MADE POSSIBLE BY...**



Ralph C. Wilson Jr.  
Legacy Funds  
OF THE  
Community Foundation  

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FOR SOUTHEAST MICHIGAN



# BUILDING THE PROGRAM

- Mirror Bike Share
  - Pass types
  - Cycles/Accessories
  - Branding
- Who's Riding?
  - Casual
  - Recreational
- Access to Cycles & Companion Riders



# ADAPTIVE DEMO DAYS



# OUR PROGRESS

- 2018 Pilot
  - 174 total adaptive trips
  - 13 cycles
  - 63% member trips
  - 37% single trips
- Planned expansion in 2020
- Funded through 2020
- Building member base & rider profiles



**“I love the adaptive bikes. I appreciate the fact that people who are otherwise abled were not forgotten in this new mobility movement.”**



# Integrated Adaptive Bike Pilot

MILWAUKEE, WI

James Hannig, AICP, City of Milwaukee Department of Public Works



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# Background

## 2015-16

- Lack of accessible bikes in city-supported bike share concerns

## 2017

- August: Equal Rights Commission engaged
- October: ADA Grievance filed
- November: City response provided

## 2018

- Jan-Feb: City research & stakeholder coordination
- March: DPW commitments: workgroup, goals, timeline
- April-Feb ('19): 9 workgroup meetings & survey
- August: Quotes for adaptive bikes

## 2019

- Feb: Final workgroup meeting & pilot target date
- Feb-June: Coordination & agreements
- Aug 6: Pilot launch



# City Commitments

## Short-term Goals

- Form a Workgroup
- Request quotes to procure adaptive bikes
- Launch pilot

## Long-term Goals

- Develop a sustainable bike share system accessible for everyone
- Foster an adaptive cycling community
- Integrate adaptive equipment as it becomes available



# Workgroup Partners



And more...



# Community Survey

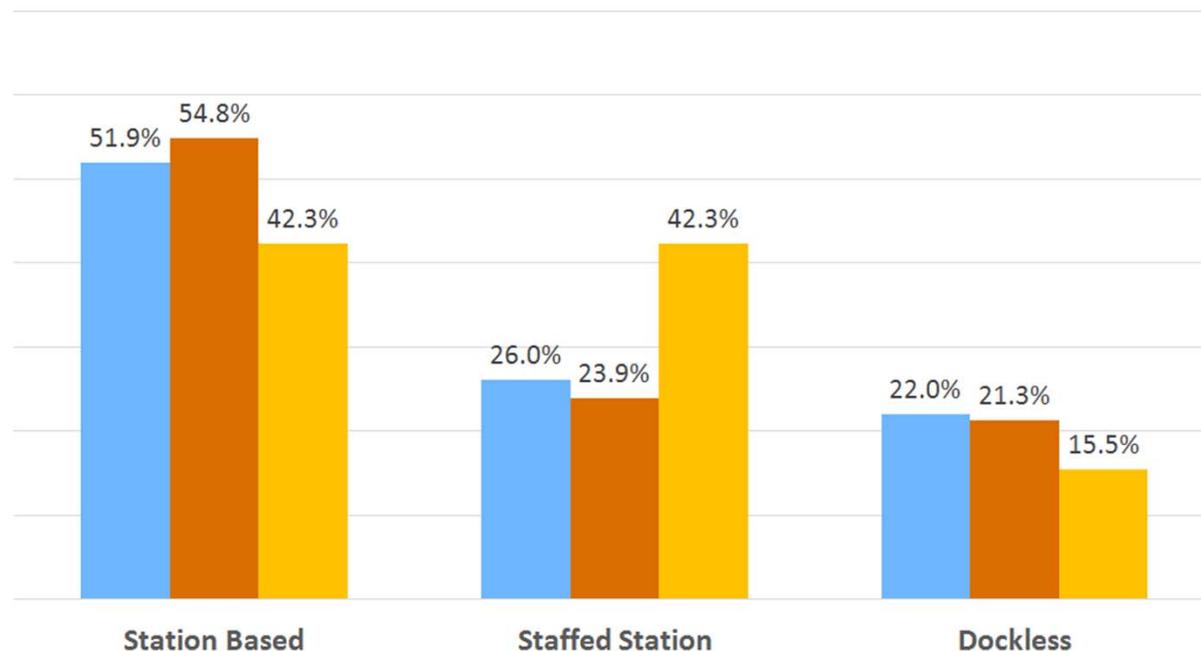
- Better understand barriers, cycle preferences & preferred user experience
- 6/19 to 7/6/2018
- Over 1,200 total responses

**62.4%** Likely users (*said would use an adaptive bike frequently, sometimes, or rarely*)

**16.5%** Identify as having a disability

## Which type of Adaptive Bike Program would work best for you?

Overall Likely to Use Identifies as Having a Disability



# Adaptive Bike Share Pilot

Greater Milwaukee Adaptive Cycling Program



**GMACP**  
Greater Milwaukee Adaptive Cycling Program

Achieving Health Equity Among  
Individuals With Disabilities

**Wisconsin Avenue Park**  
10300 W Wisconsin Ave  
Wauwatosa

**Sundays from 2-5pm**  
May 5, June 9, July 14,  
August 4

Adaptive bikes, including side-by-sides, hand cycles and tricycles will be available onsite. Trained program staff and volunteers will work one-on-one with participants to properly fit the bike and provide riding lessons, including assisting them in getting on an off the bike and how to safely stop/park. Helmets will also be provided.

Participants who attend each session will be eligible to attend a special, guided ride in September and will also be eligible to apply for a grant to secure their own bike at the end of the program.

\* Registration limited to 25 participants Contact Sally Sheperdson at 414.931.1121 or Sally@bublrbikes.org to register



THE ABILITY CENTER

bublr bikes

Anthem BlueCross BlueShield  
Anthem Blue Cross and Blue Shield Foundation

City Adaptive Bike Pilot



# BikeLNK ~ Expanding Access

LINCOLN, NE

Jamie Granquist, BikeLNK City Manager



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# Program launch April 2018: 100 traditional bikes & 19 solar docking stations

Over 50,000 trips in 15 months!

GREAT! But.....who aren't we reaching & how CAN we?



Cash payment, Low income passes, Library Pass, Rx-a-Bike



Lifelong Learning classes, Sertoma Clubs, Retirement Centers



Taco'bout It, Partnership Workshop classes, Boothing & Events



Video "How To"s, Marketing Walkthroughs on Socials, Site demos



Adaptive.....Community Survey!



CITY OF  
**LINCOLN**<sup>™</sup>  
NEBRASKA

**HEARTLAND  
BIKE SHARE**

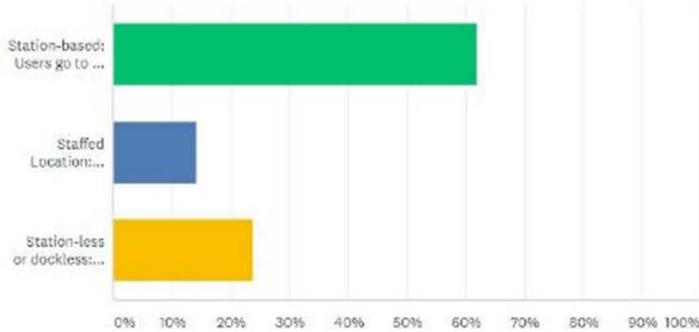
**N** Outdoor Adventures & Bike Shop



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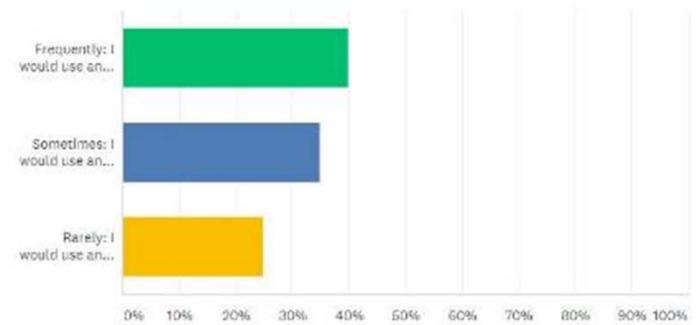
### Which type of pilot adaptive bike program would work best for you?

Answered: 21 Skipped: 1



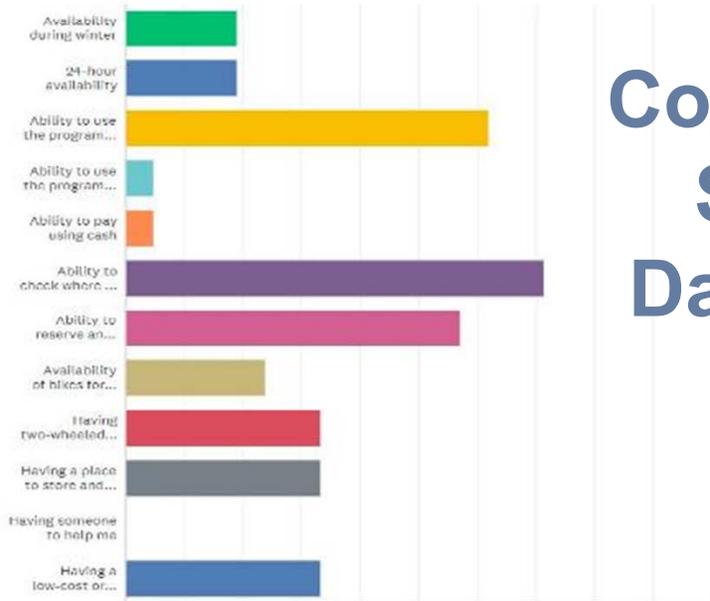
### How often would you use an adaptive bike?

Answered: 20 Skipped: 2



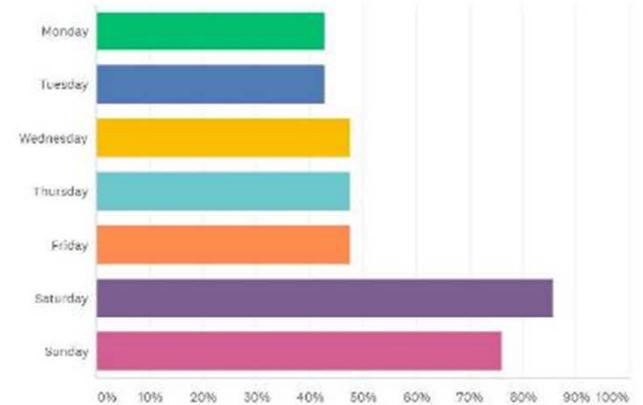
### How important are the following features for a pilot adaptive bike program? (Please check all that apply)

Answered: 21 Skipped: 1

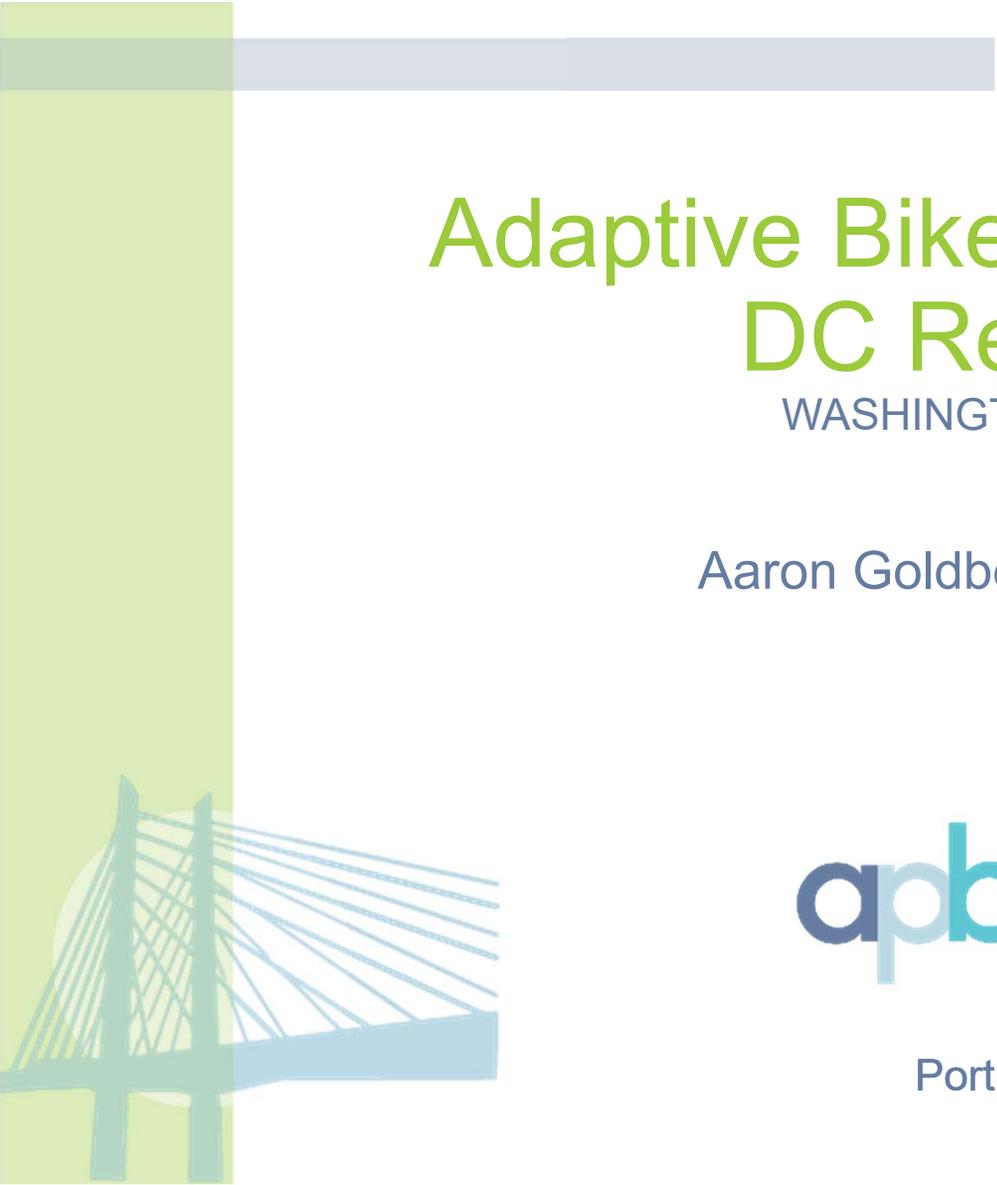


### What days of the week would you prefer to ride adaptive bikes? (Please check all that apply)

Answered: 21 Skipped: 1



# Community Survey Data Points



# Adaptive Bikeshare in the DC Region

WASHINGTON, DC

Aaron Goldbeck, DDOT



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## mBike Overview

- Bikeshare for UMD
- Zagster platform
- “Dumb” dock system
- Grant funded by the State
- 180 non-adaptive bikes
- 6 adaptive bikes
- 23 stations
- \$35 for UMD
- \$65 for public
- \$3 an hour



## mBike Data

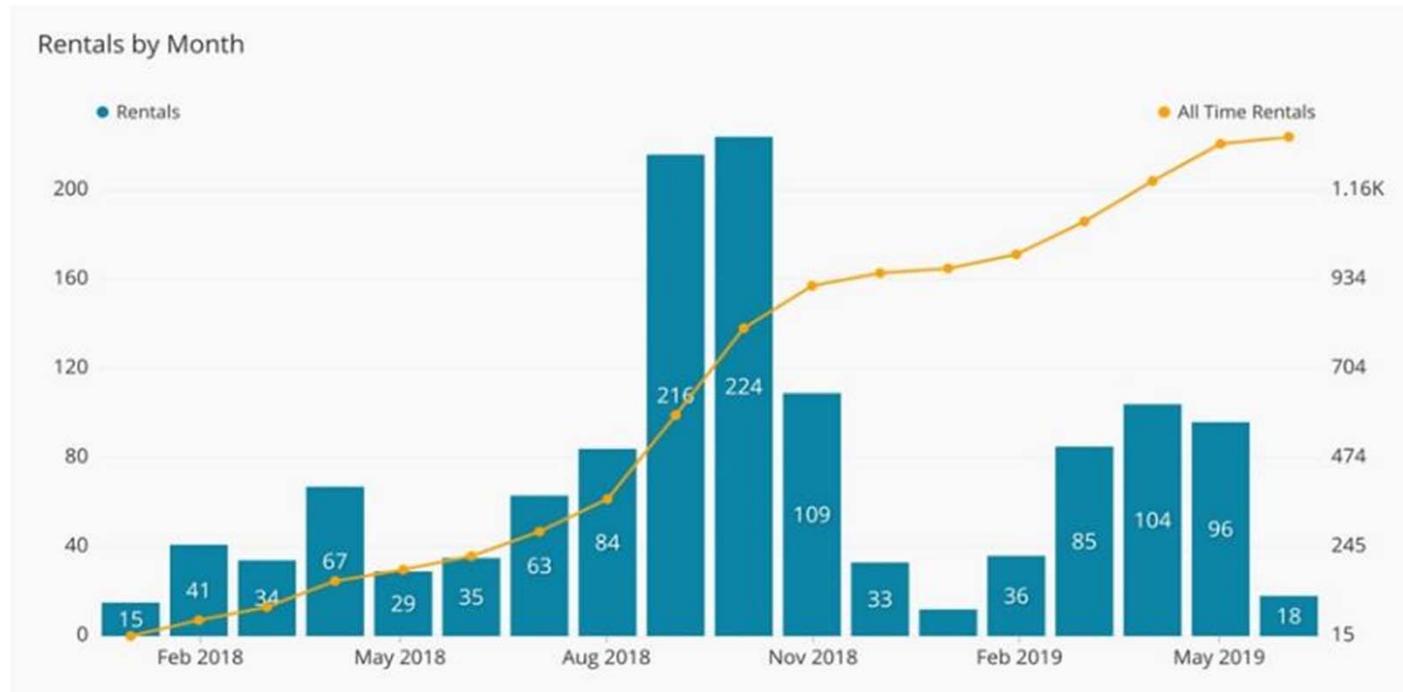
650 tandem rentals

473 trike rentals

83 handcycle rentals

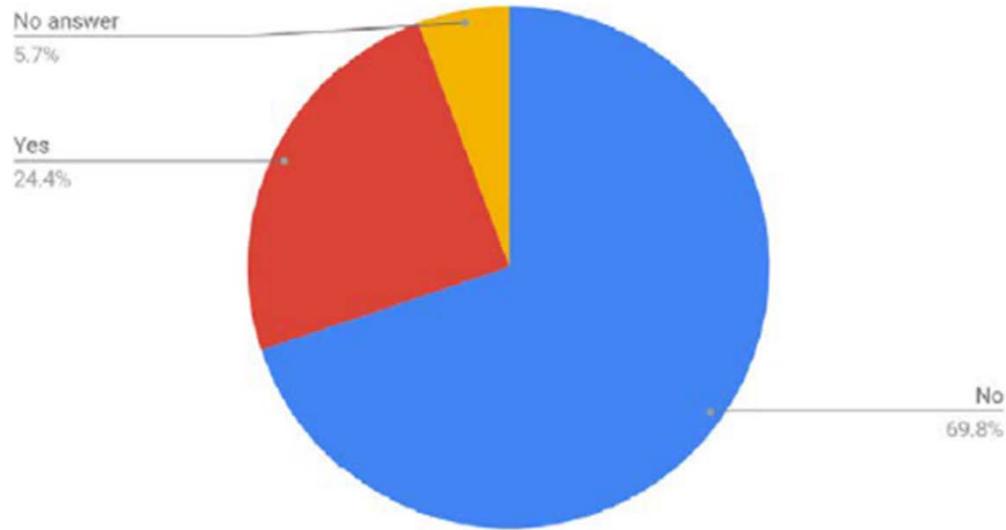
95 recumbent rentals

~140,000 non adaptive bike rentals, ~4100 all time members

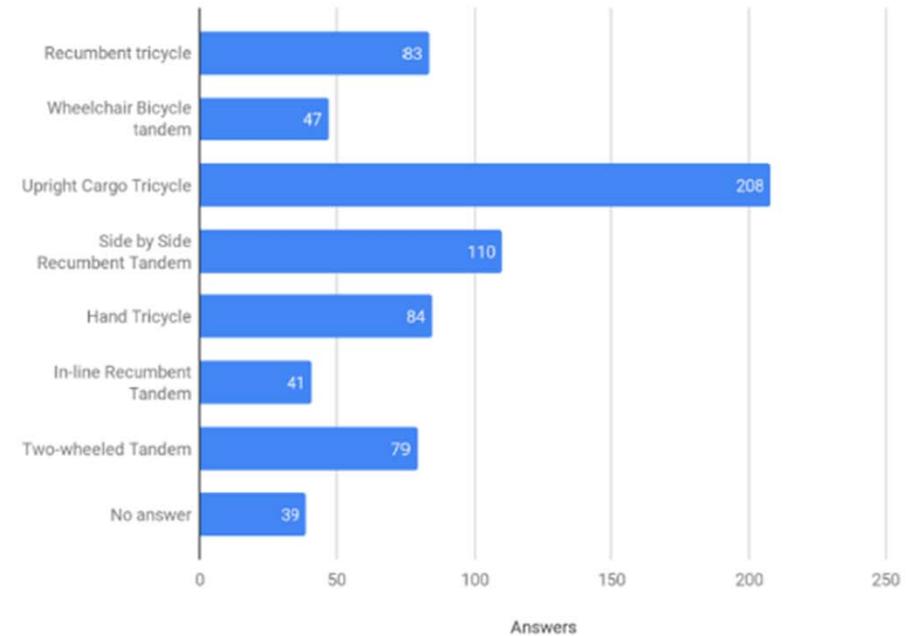


# DDOT Survey & Response Data

Have you used an adaptive bikeshare before?

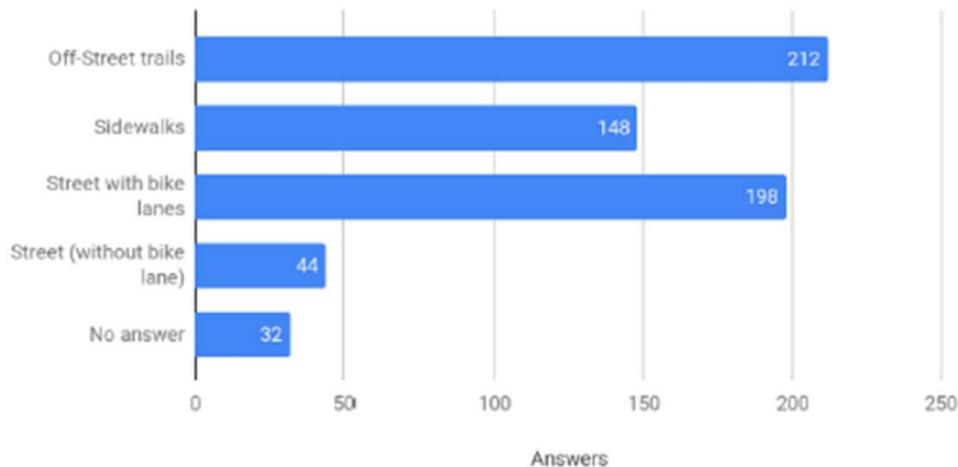


Which of the following types would you be interested in using?

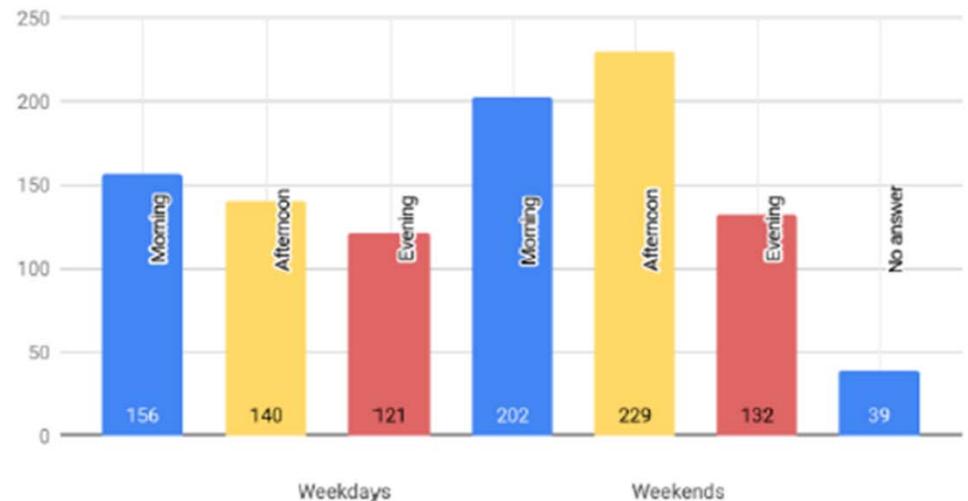


# DDOT Survey & Response Data

Where would you feel comfortable riding the adaptive bike/trike?



What day and what time would you use adaptive bicycles?



# DDOT Adaptive Bike Pilot- Still in Development

## Challenges:

- **Determining location**
  - **Accessibility**
  - **Storage**
- **Permitting**
  - **National Park Service**
- **Staffing**
  - **DOT? DPR?**
  - **Outside groups?**
- **Vehicle procurement**
- **Outreach**

