

# Shared Micromobility Pilot Program

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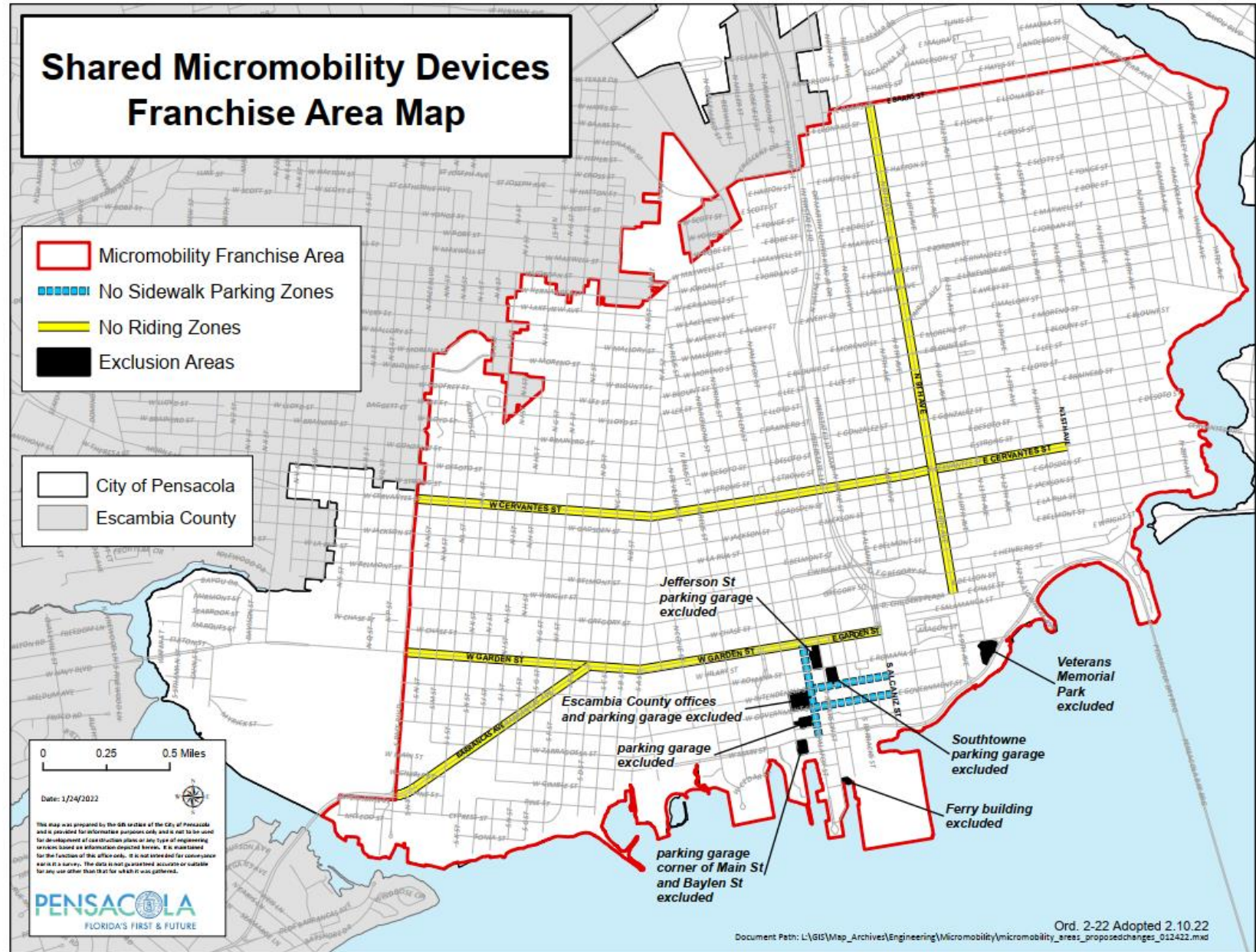
# Agenda

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- Background and History of the Shared Micromobility Program
- Current Operations
- Data
- Q & A

# History

- Ordinance 17-19 was approved on September 12, 2019 creating Chapter 7-9 of the Code and amended via Ordinance 2-22 on February 10, 2022.



# Florida Statute 316.2128 and 316.003

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- **Micromobility Device.**—Any motorized transportation device made available for private use by reservation through an online application, website, or software for point-to-point trips and which is not capable of traveling at a speed greater than 20 miles per hour on level ground. This term includes **motorized scooters** as defined in this chapter.



**Motorized Scooter**—Any vehicle or micromobility device that is powered by a motor with or without a seat or saddle for the use of the rider, which is designed to travel on not more than three wheels, and which is not capable of propelling the vehicle at a speed greater than 20 miles per hour on level ground.

# Pilot Program: Code of Ordinances, Chapter 7 - 12

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## Major Components

No more than 500 micromobility devices in the city.

Maximum speed of 15 mph.

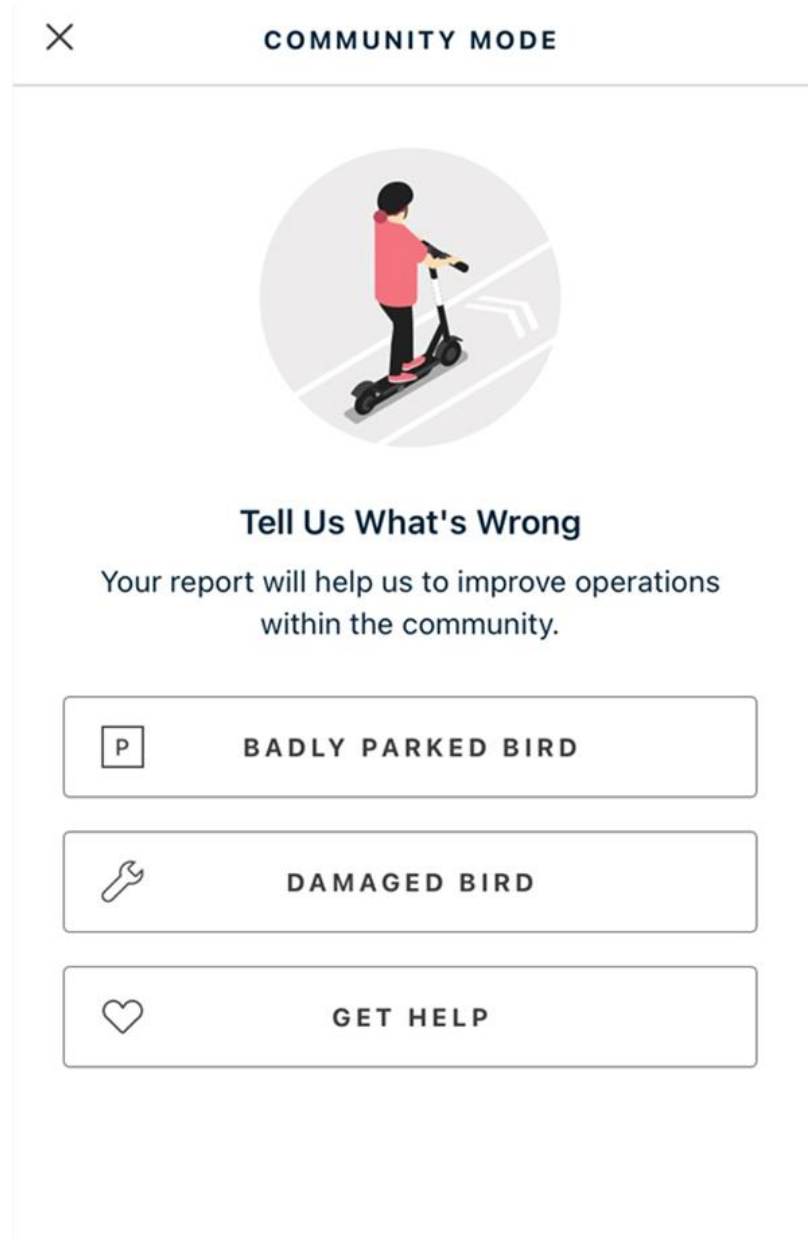
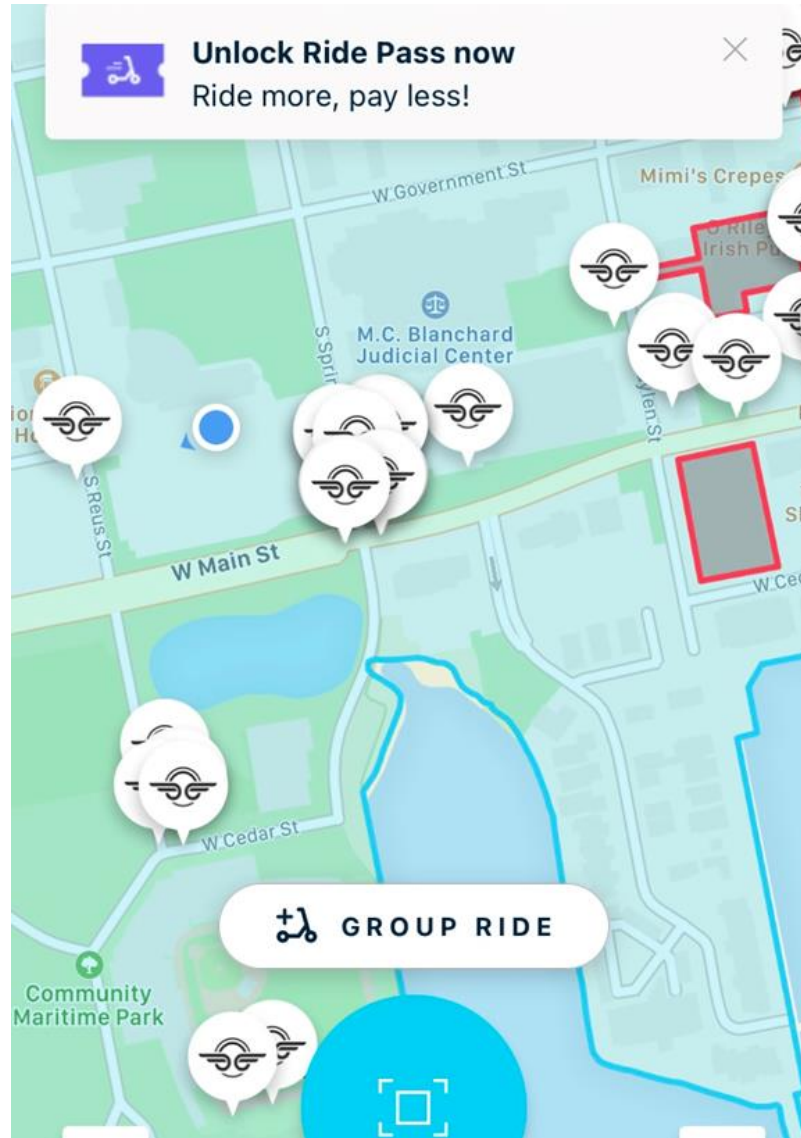
Mobile app must inform user of how to safely and legally ride.

The Mayor may create geofenced areas where devices shall not be utilized or parked.

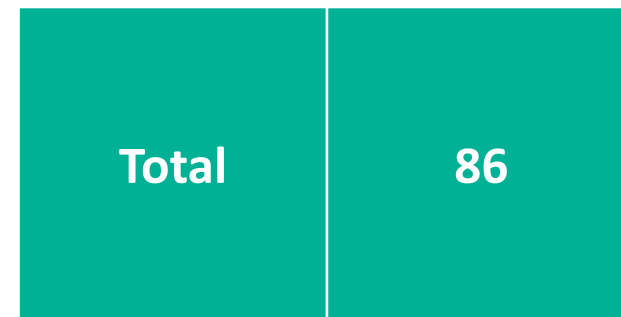
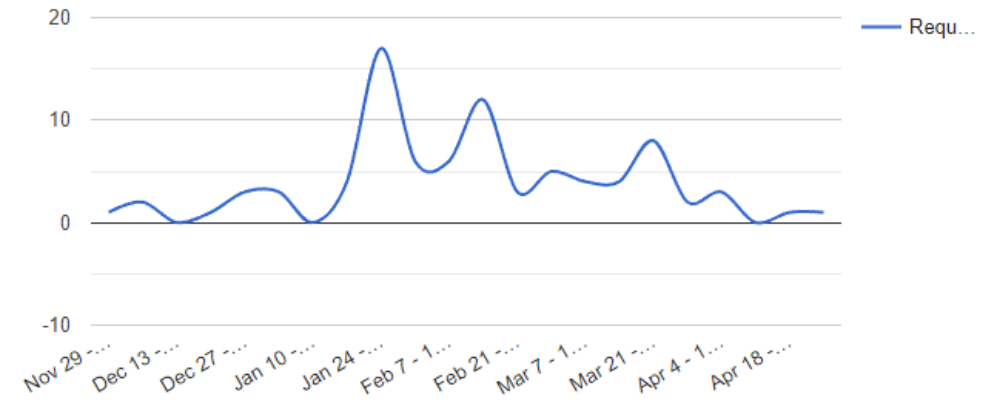
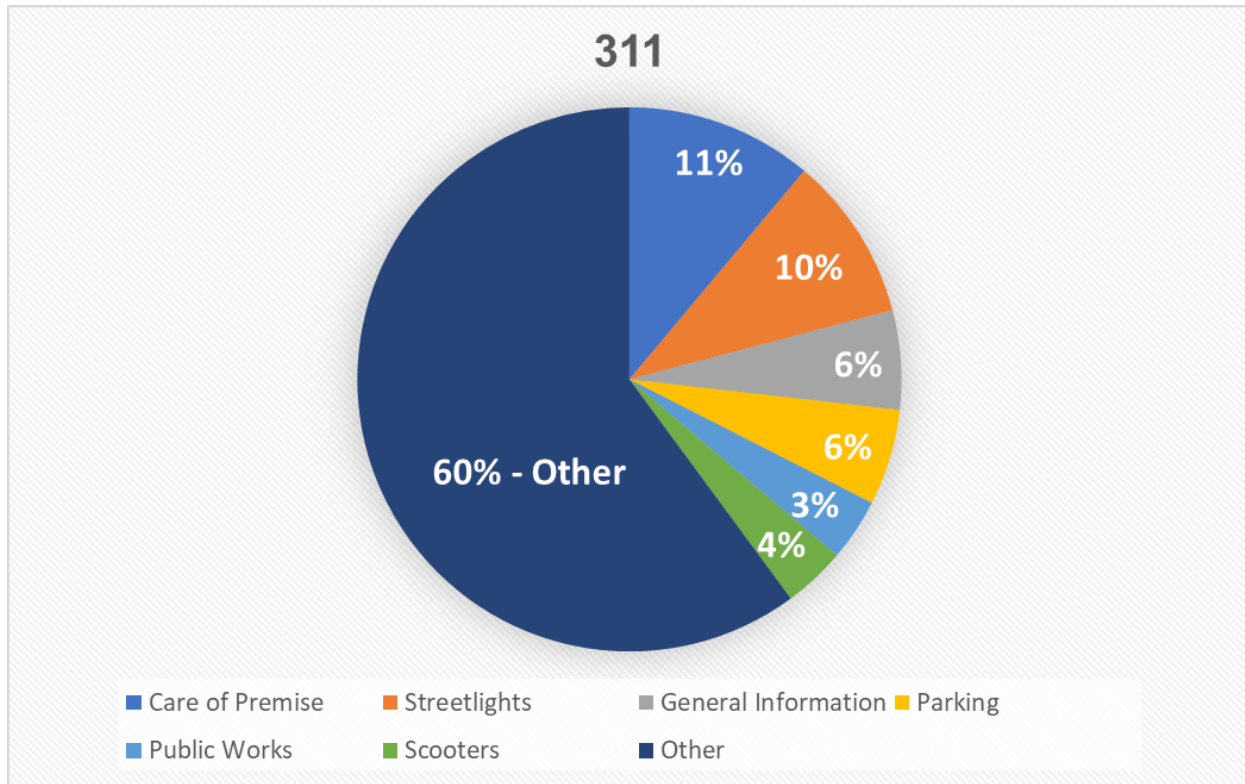
Riding and operating of devices is permissible on roadways and bike lanes when available.

# Vendors

- Bird and VEO selected through the RFQ process.
- Bird deployed in July 2021 and Veo deployed in January 2022.



# 311 Inquiries – as of May 1



# Bird Data: July – December 2021

	Unique Riders	# of Rides	Total Miles Traveled	Pounds of Carbon Dioxide Saved
July	677	1,453	3,704	1,170
August	2,685	6,340	14,633	4,643
September	6,020	15,838	33,241	10,629
October	6,392	17,335	34,971	11,053
November	5,418	14,045	33,622	10,681
December	4,457	10,659	33,135	10,883



# Bird & VEO Data: January – March

VEO  
Deployed

	Unique Riders	# of Rides	Total Miles Traveled	Pounds of Carbon Dioxide Saved
January	2,437	5,556	12,007	4,207
February	3,949	8,781	20,667	4,935
March	6,230	15,875	41,783	10,669
April	6,104	16,128	43,596	13,128
Total	44,369	112,128	271,359	81,998

# Efforts during the Pilot Program

- Rebalance Zones
- Identification Number
- ID Verification
- Incentivized Parking



# Upcoming Efforts



# Incentivized Parking Areas



# Incentivized Parking

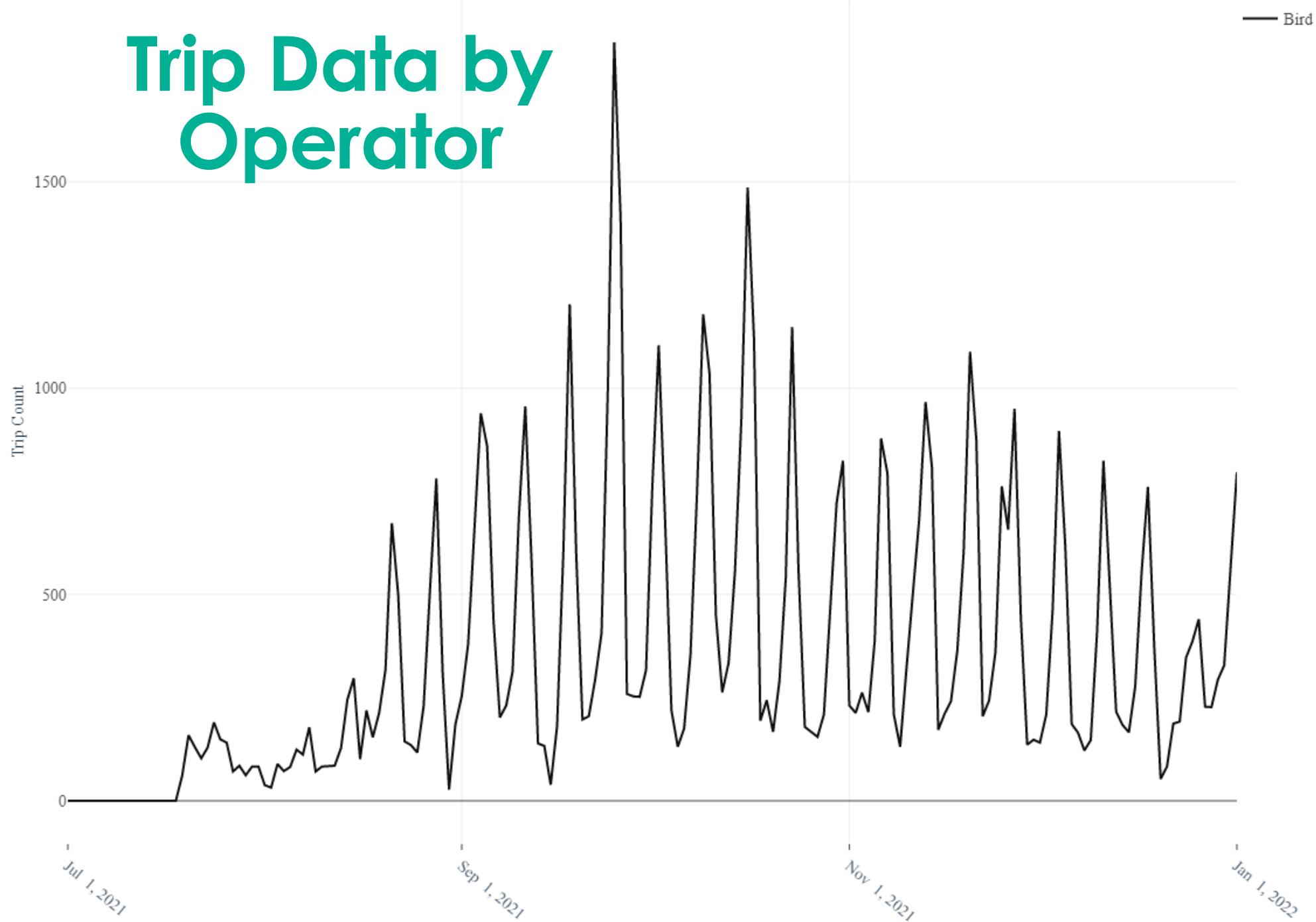
## FURNITURE ZONE

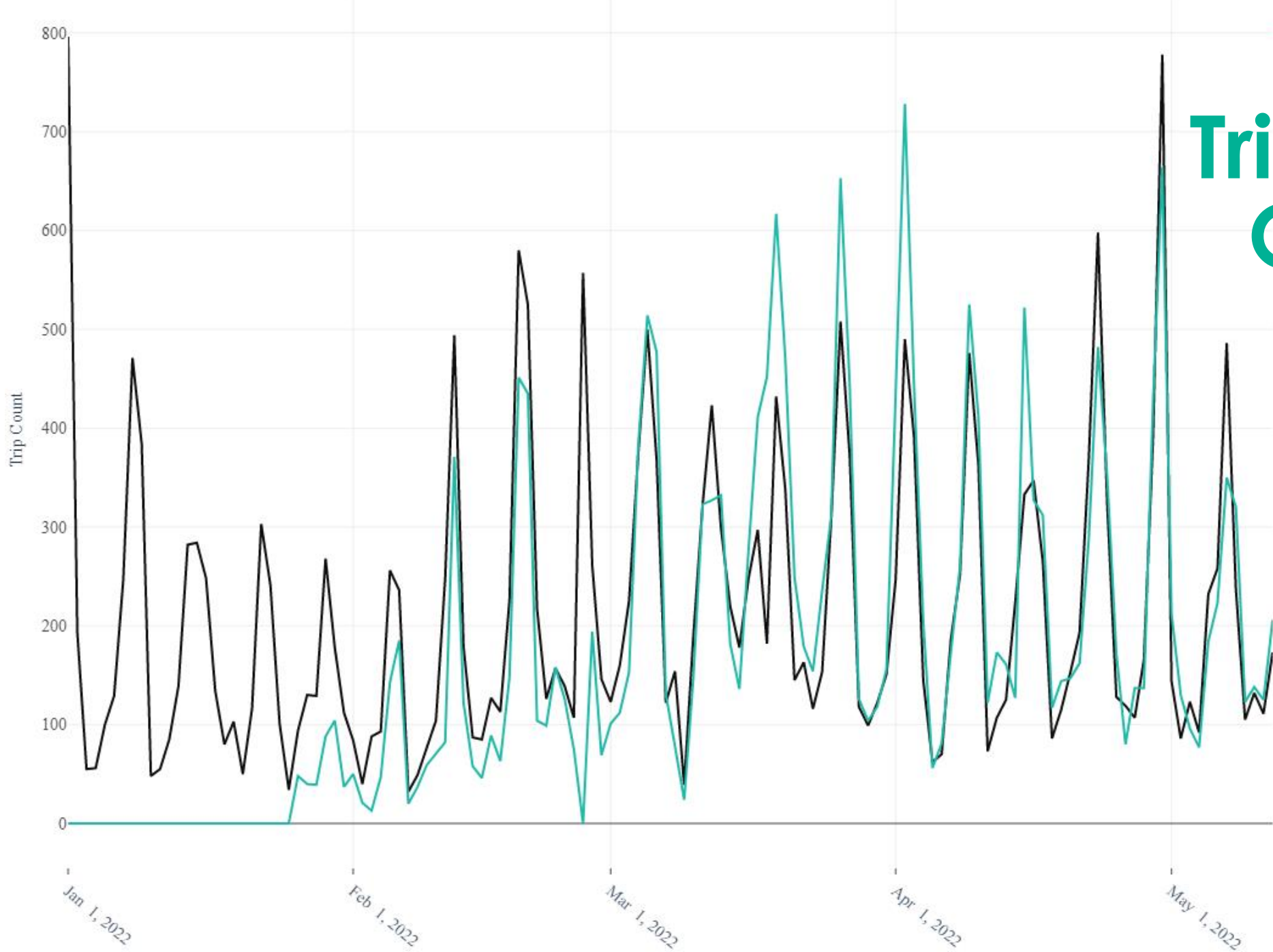


## ON-STREET IN GORE AREAS



# Trip Data by Operator

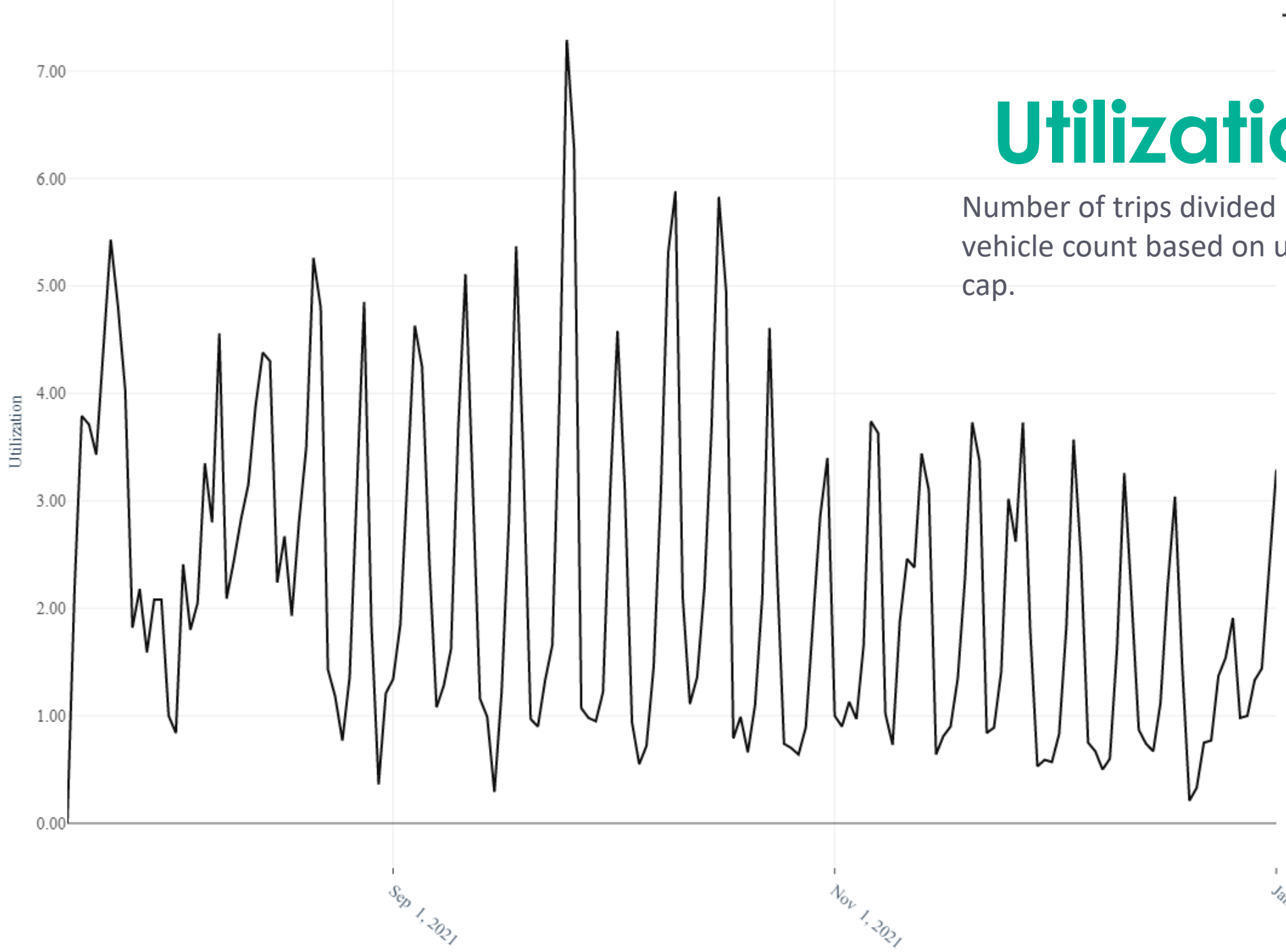




# Trip Data by Operator

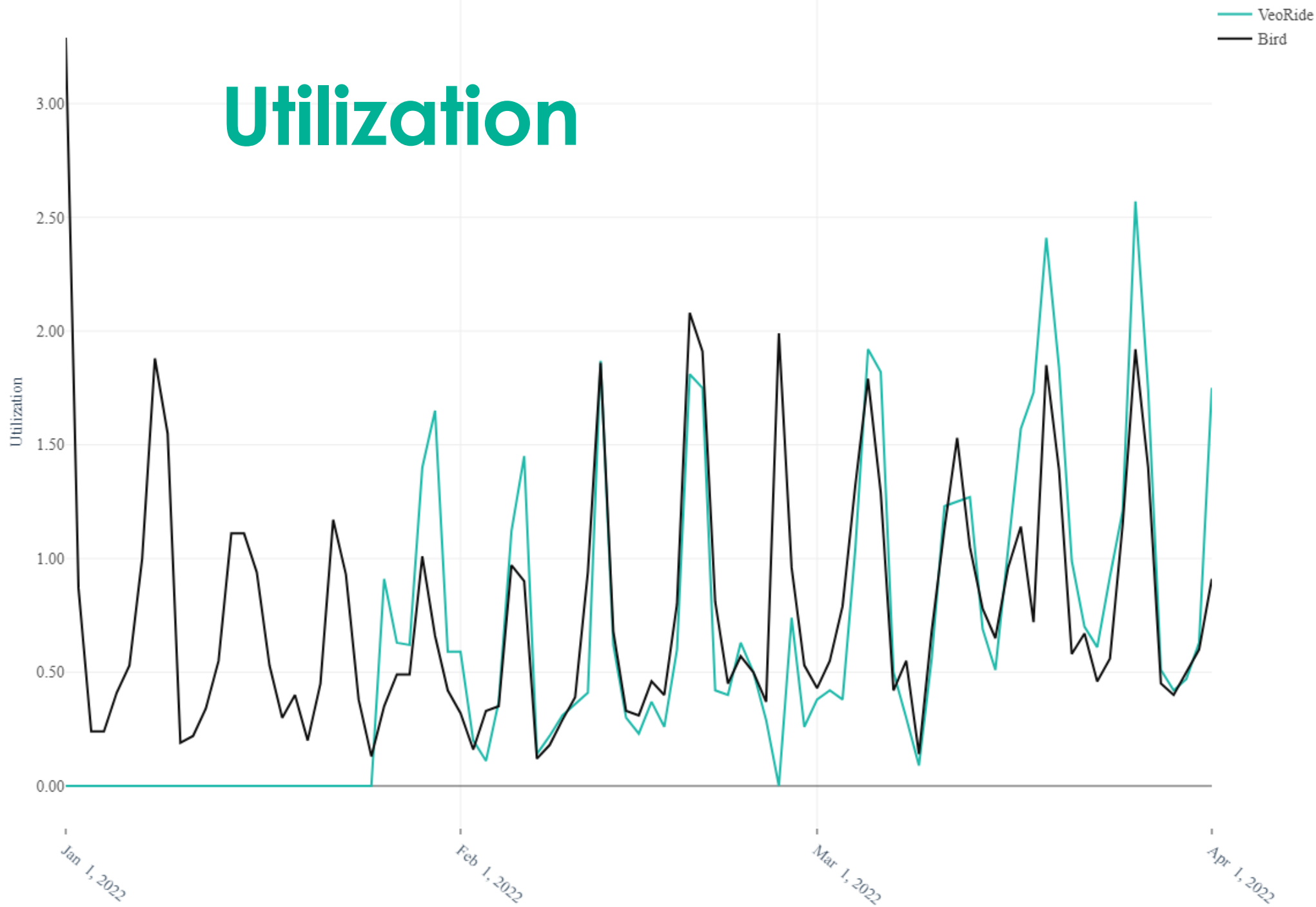
# Utilization

Number of trips divided by the 24-hour vehicle count based on user selected cap.

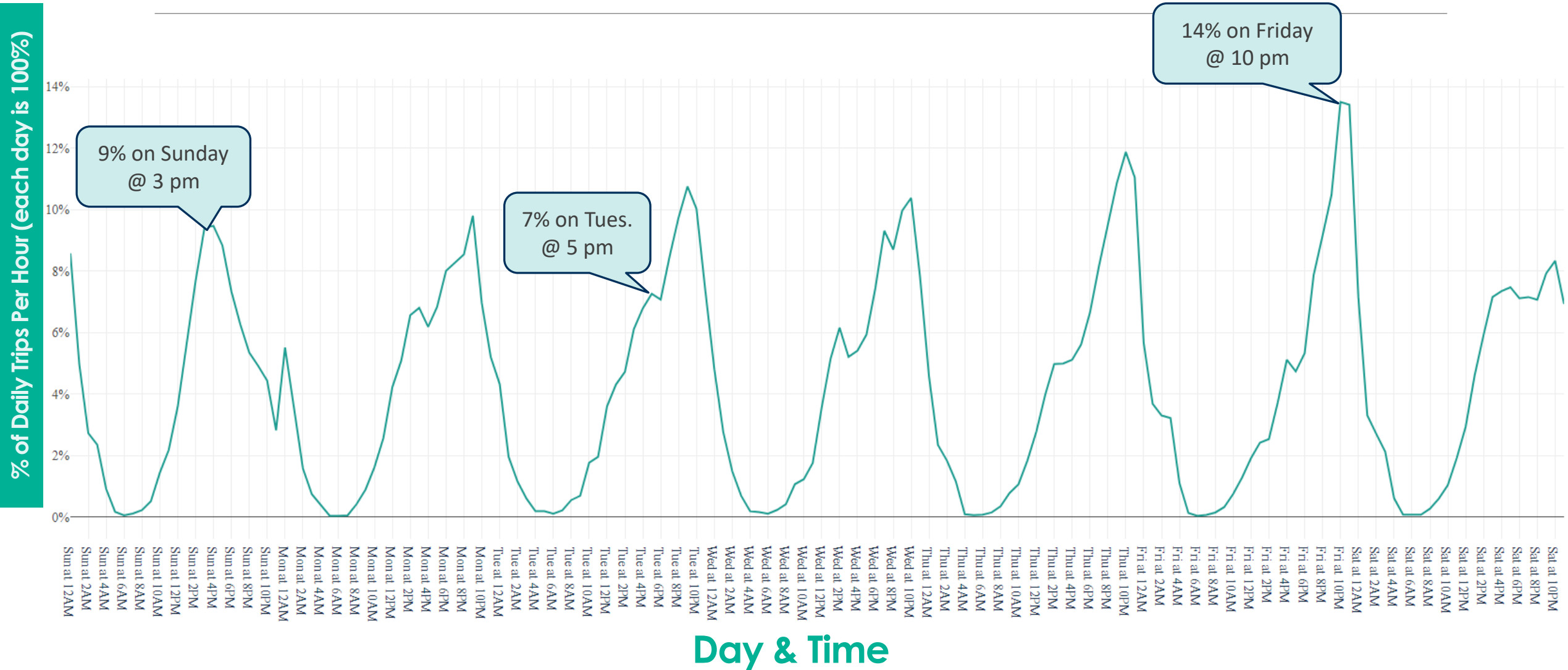




# Utilization



# Time of Day Usage



# Trip times in October 2021

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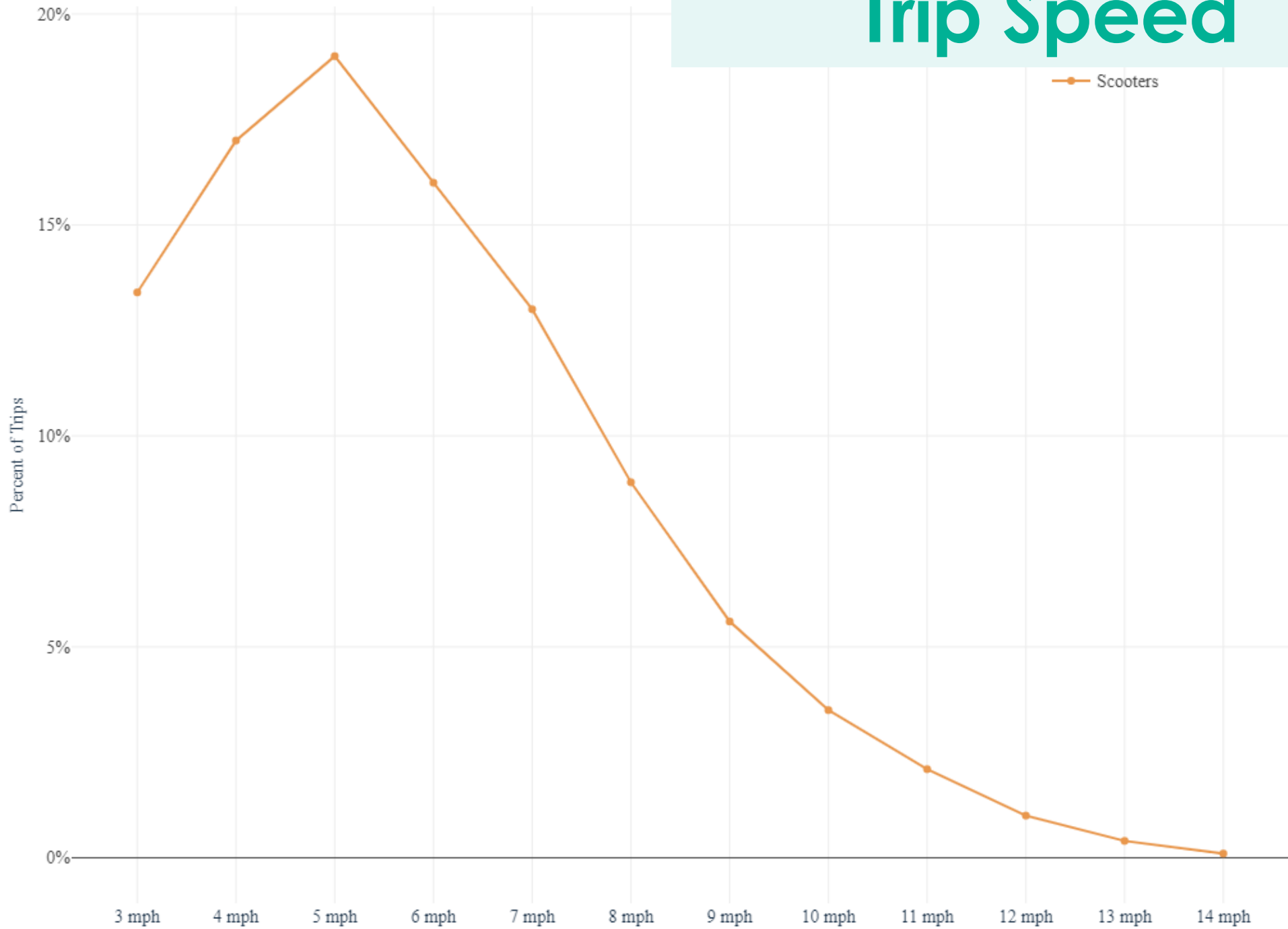
<b>Saturday, October 9, 2021</b>	<b>Total Trips</b>
<b>12:00 am</b>	<b>113</b>
<b>1:00 am</b>	<b>69</b>
<b>2:00 am</b>	<b>69</b>
<b>3:00 am</b>	<b>42</b>
<b>4:00 am</b>	<b>25</b>

# Trip times in April 2022

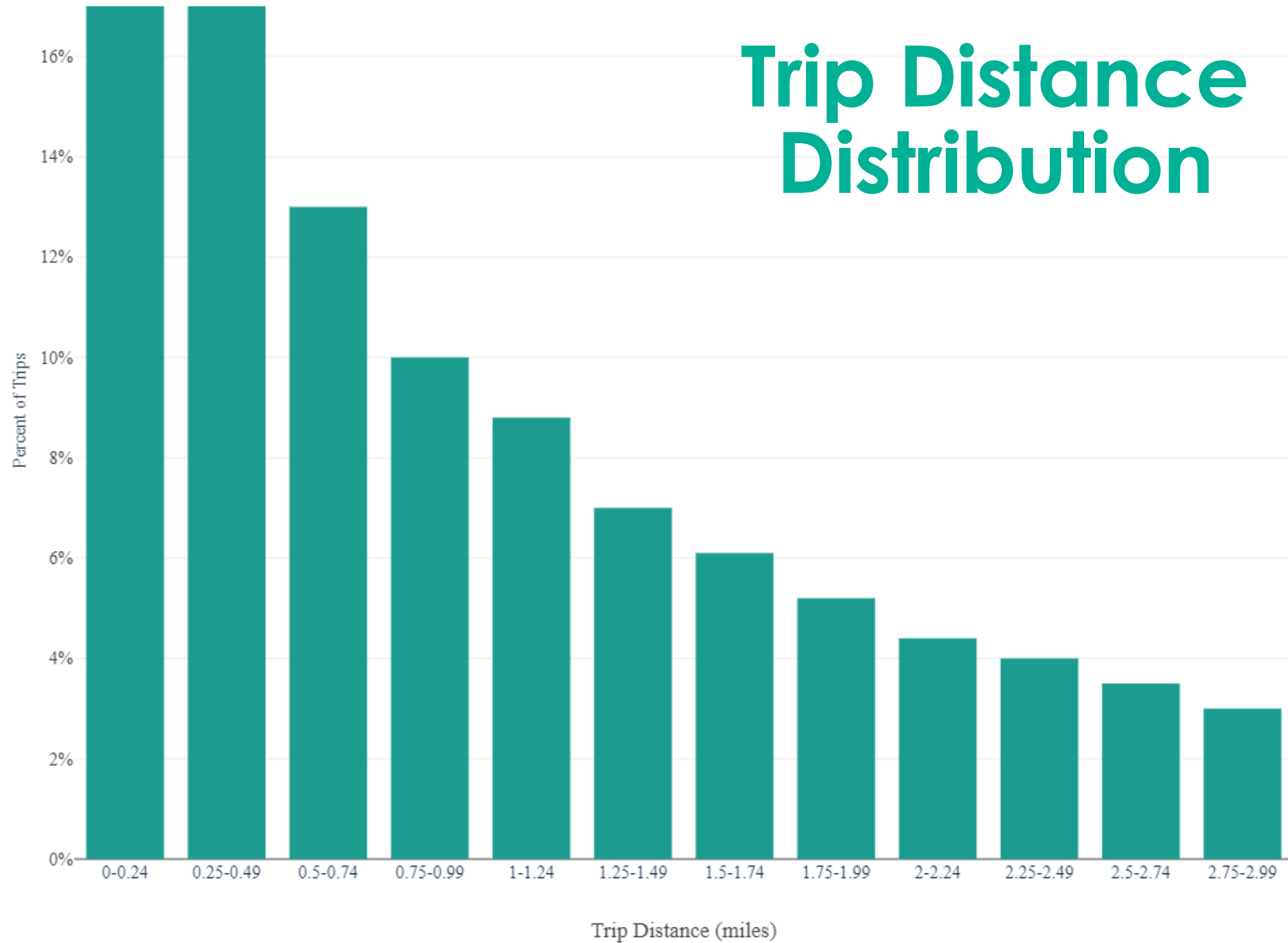
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<b>Saturday, April 9, 2022</b>	<b>Total Trips</b>
<b>12:00 am</b>	<b>44</b>
<b>1:00 am</b>	<b>0</b>
<b>2:00 am</b>	<b>0</b>
<b>3:00 am</b>	<b>0</b>
<b>4:00 am</b>	<b>0</b>

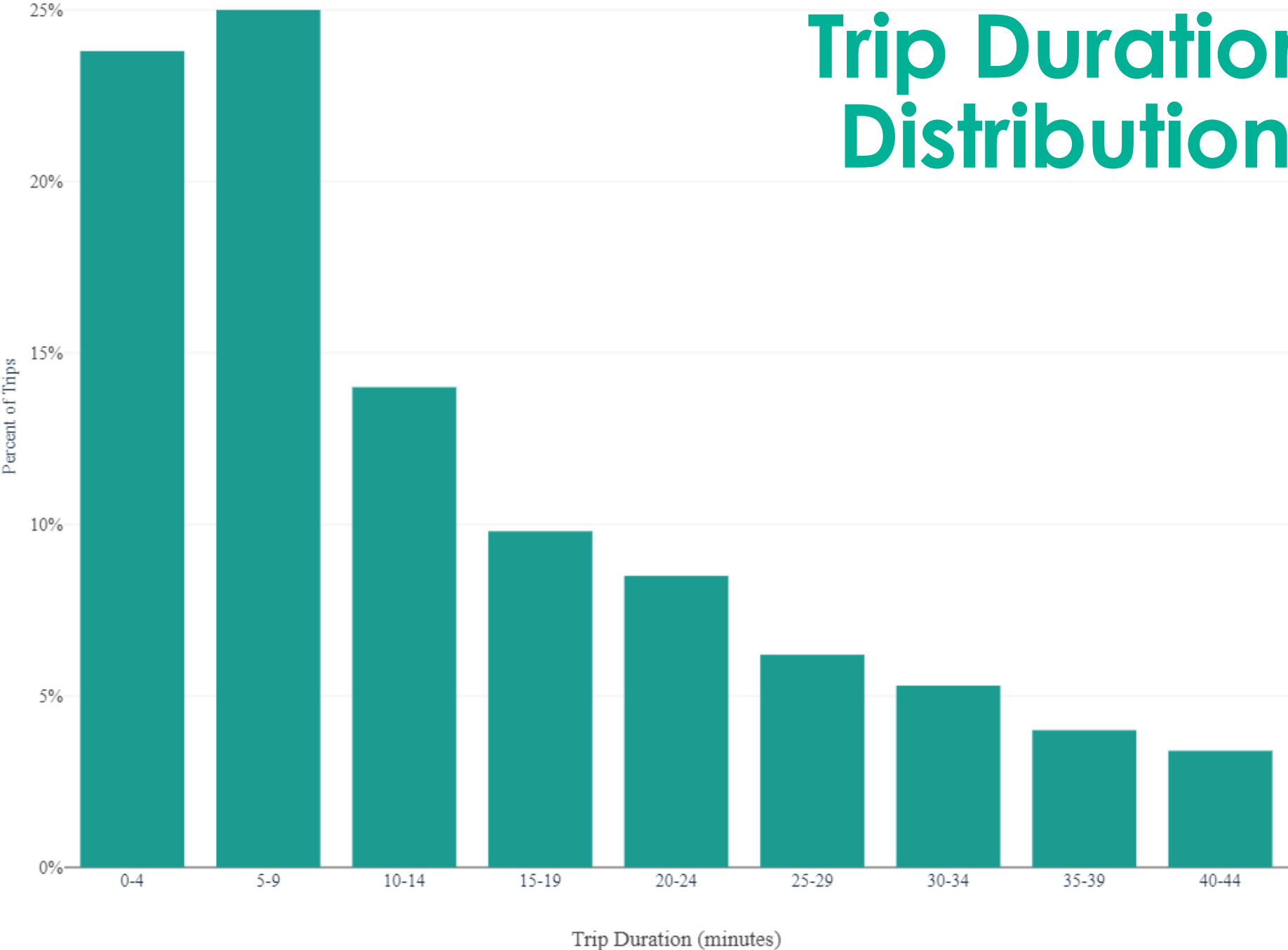
# Trip Speed



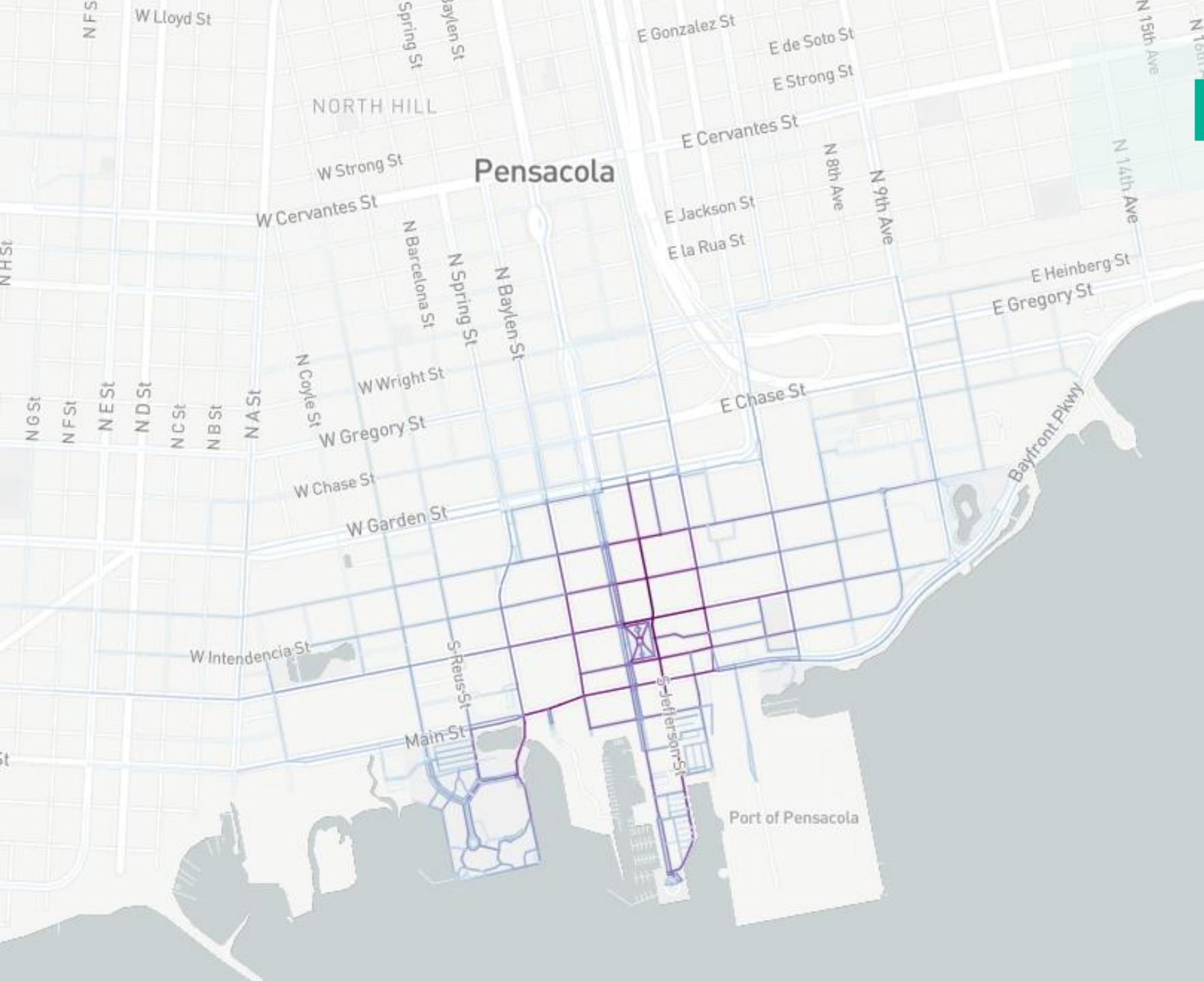
# Trip Distance Distribution



# Trip Duration Distribution



# Route Map



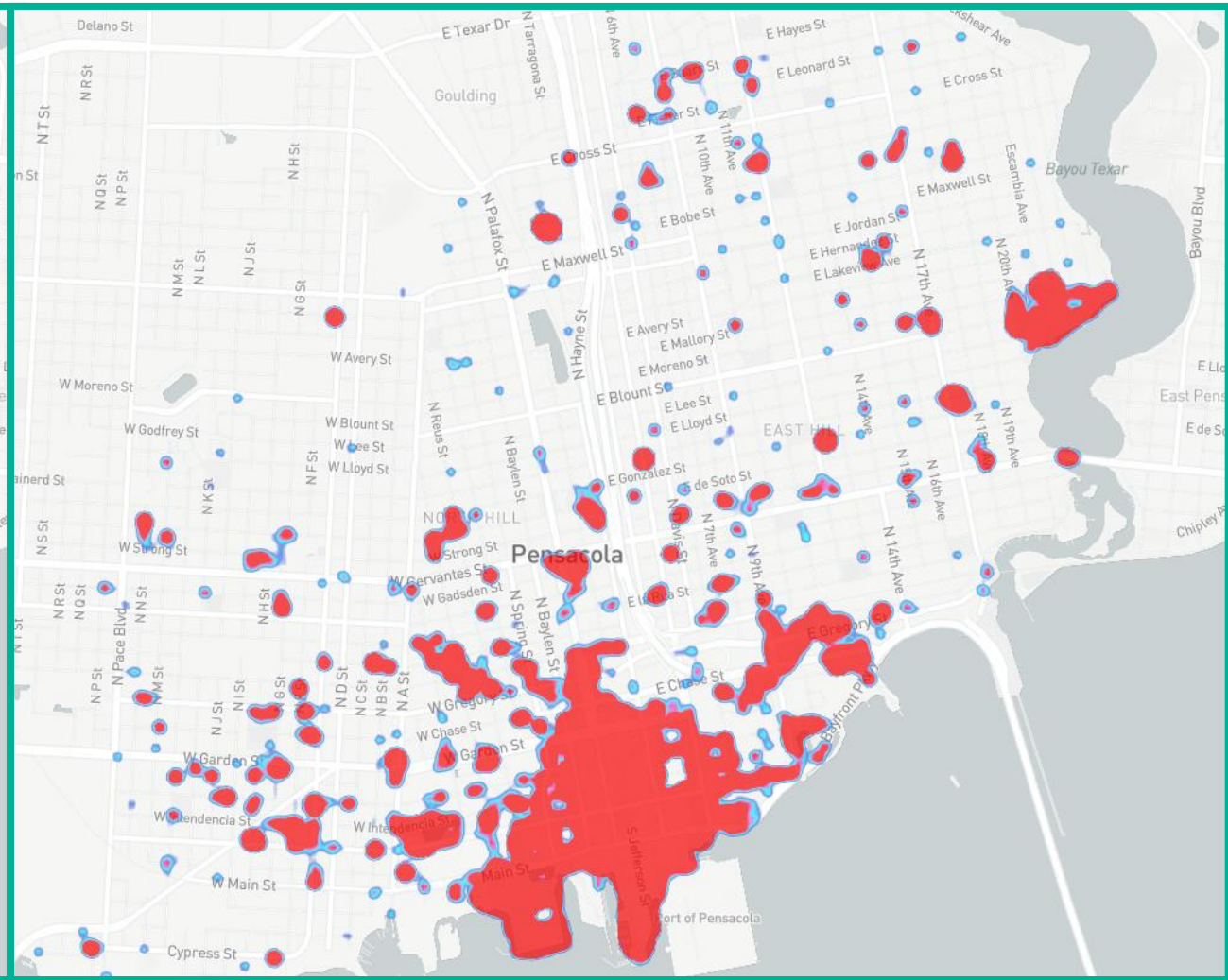
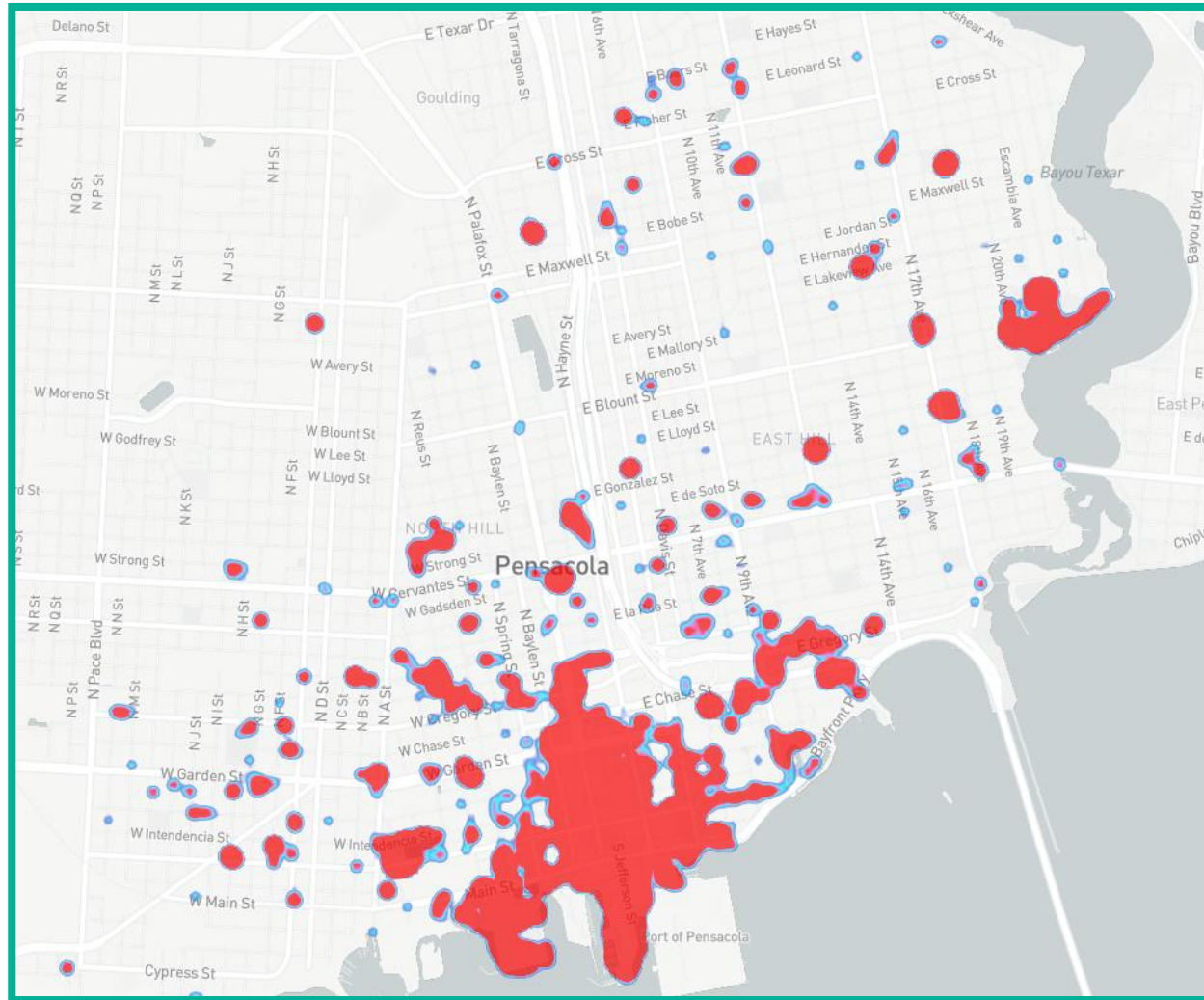
## Top Streets

Street Name	Trips
South Jefferson Street   unclassified	22,241
East Government Street   tertiary	19,755
Main Street   tertiary	15,919
East Zarragossa Street   unclassified	13,891
East Romana Street   unclassified	13,654
South Tarragona Street   tertiary	13,530
East Intendencia Street   residential	13,528
East Main Street   tertiary	13,003
South Baylen Street   tertiary	12,204
West Government Street   tertiary	12,049



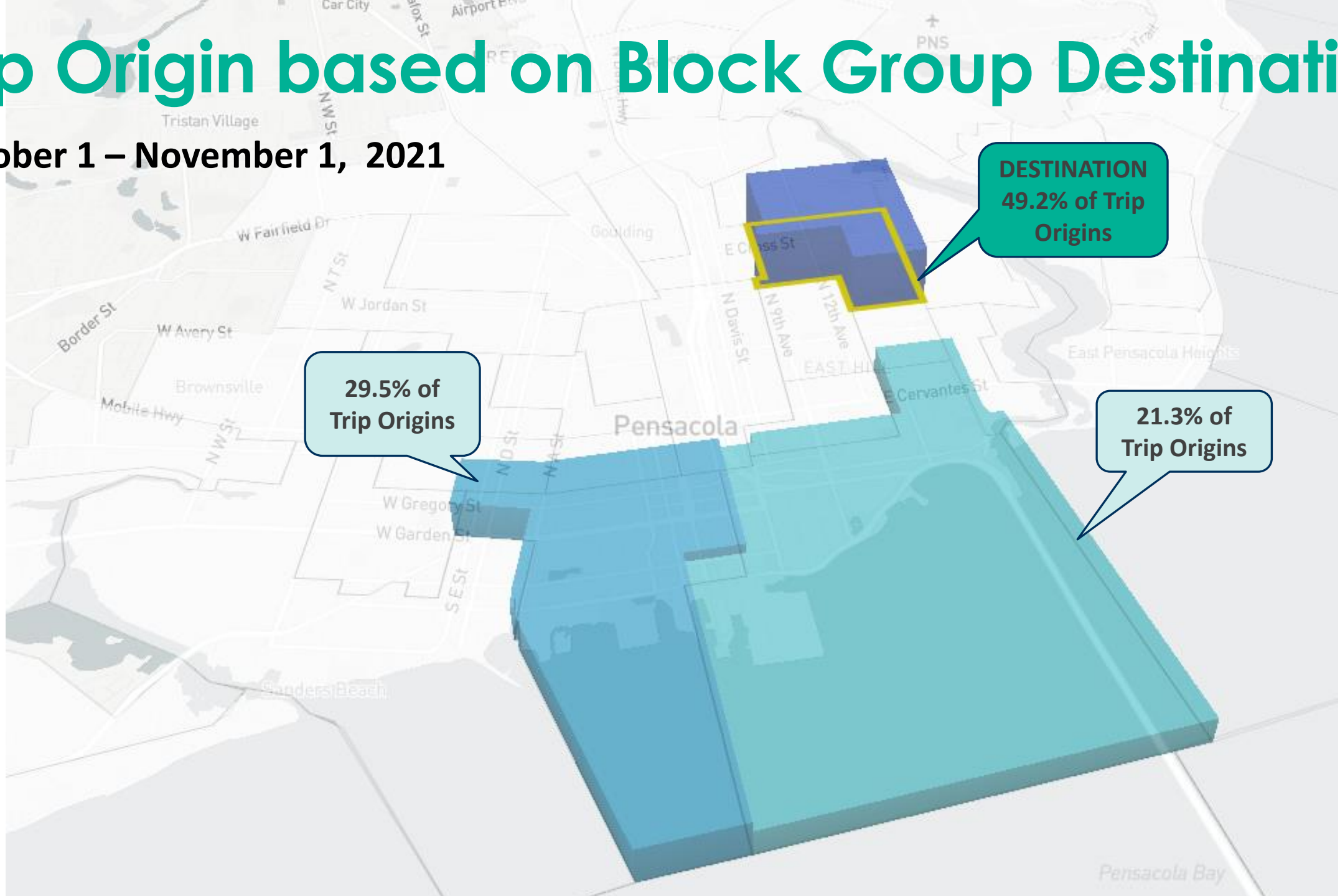
# Trip Origins

# Trip Destinations



# Trip Origin based on Block Group Destination

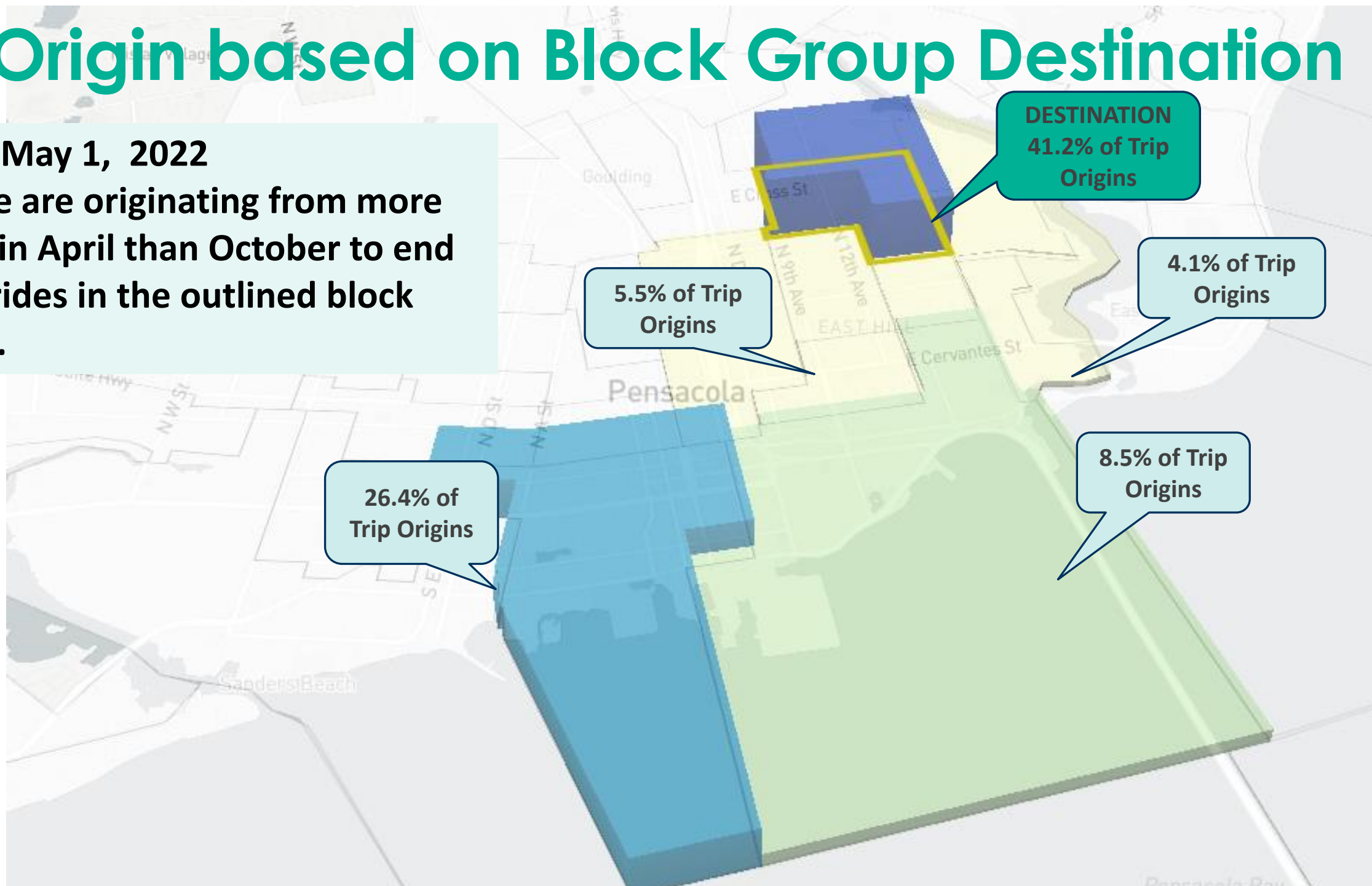
October 1 – November 1, 2021



# Trip Origin based on Block Group Destination

April 1 – May 1, 2022

- People are originating from more areas in April than October to end their rides in the outlined block group.



# Moving Forward

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- The pilot program and permit essentially expire when the operating agreements expire unless extended, or otherwise modified by the City Council.
- In the event the pilot program is extended, or otherwise modified by the City Council, the pilot program operating agreement and permit may be extended consistent with such direction.
- Due to the Coronavirus and upcoming implementation efforts, staff recommends extending the pilot program to March 1, 2023 and allowing the Mayor to extend the two operating agreements and permit until such date.

# Questions?

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