

# Total Trips (2018)

In 2018, there were  
17,548,339 trips  
recorded.

18M

16M

14M

12M

10M

8M

6M

4M

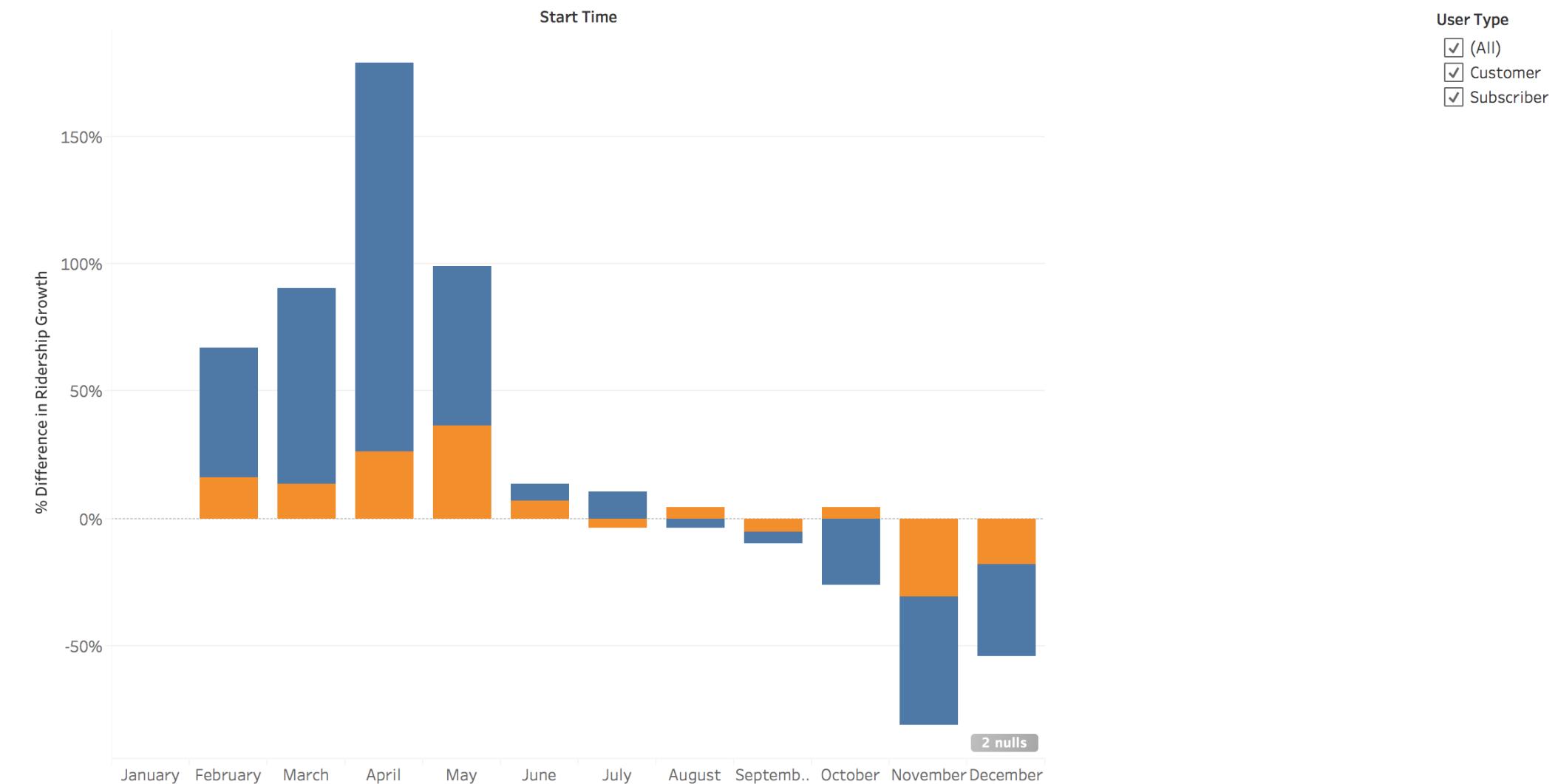
2M

0M



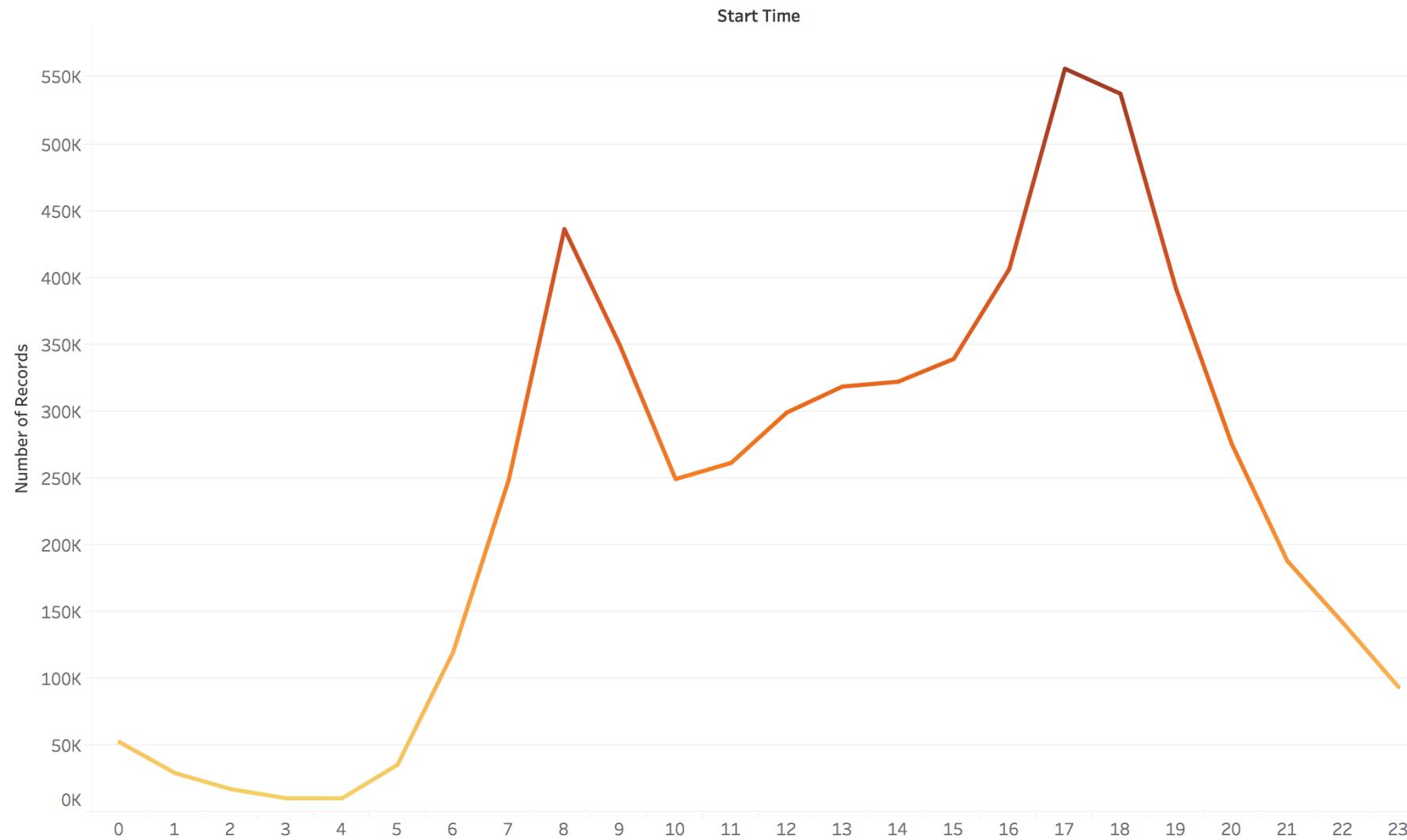
# Ridership Growth (2018)

The number of customers and subscribers increases to an all time high in the summer time. Then, once summer ends, customers and subscribers decrease.



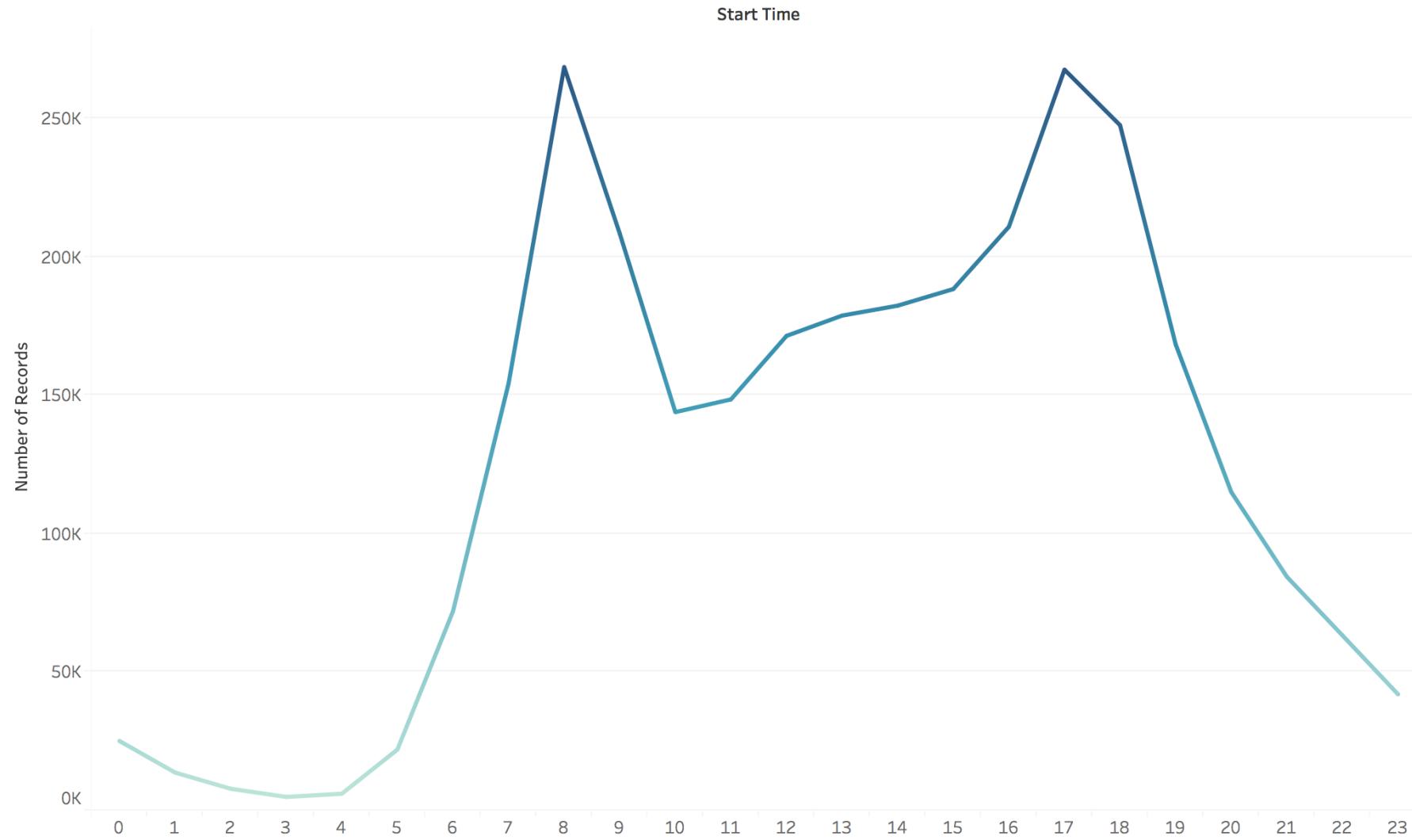
# Peak Hours in the Summer (May - July)

In the summertime, people tend to ride bikes more at 8 in the morning. Then, people take a break during the day and resume their biking activities around 5pm.



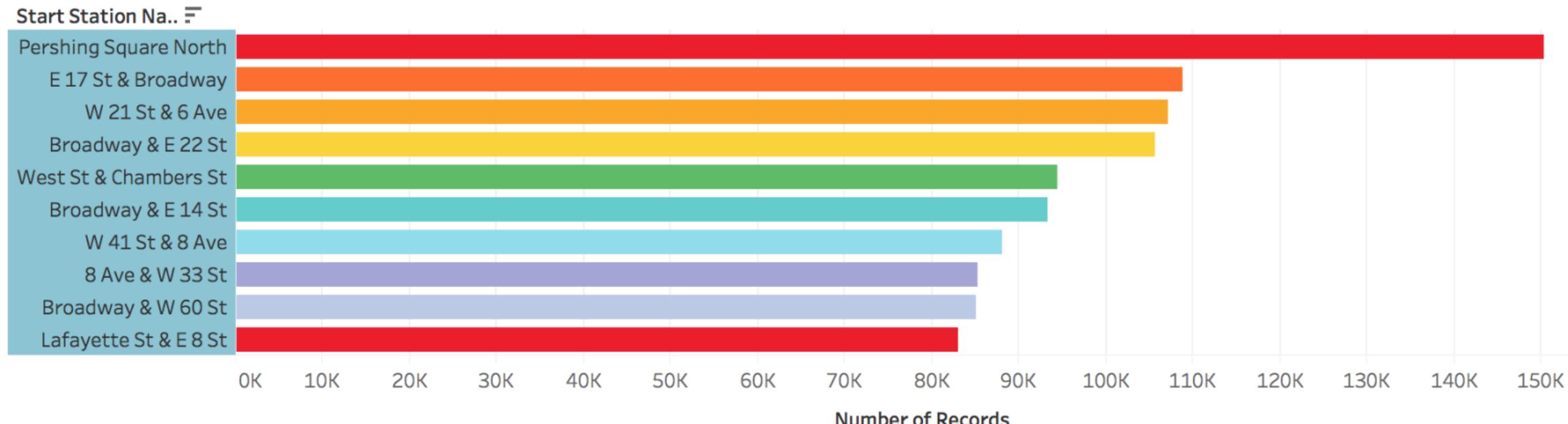
# Peak Hours in Winter (November - January)

In the wintertime less people bike around. However, during this time people have similar patterns to biking in the summertime.



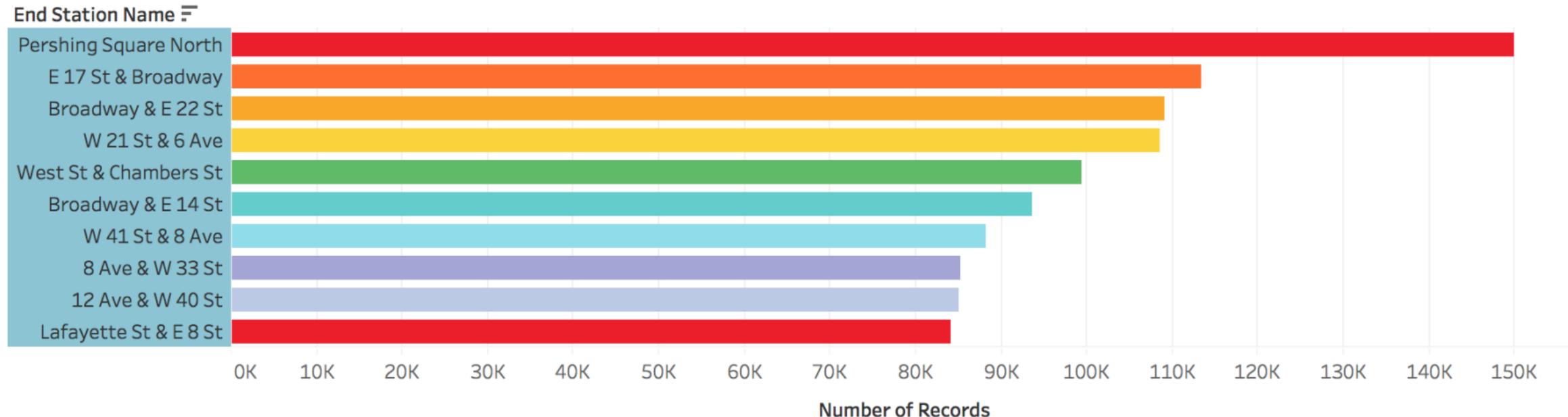
# Top 10 Most Popular Start Stations (2018)

This data seems to suggest that the top starting locations are near commercial/entertainment districts and public transportation hubs.



# Top 10 Most Popular End Stations (2018)

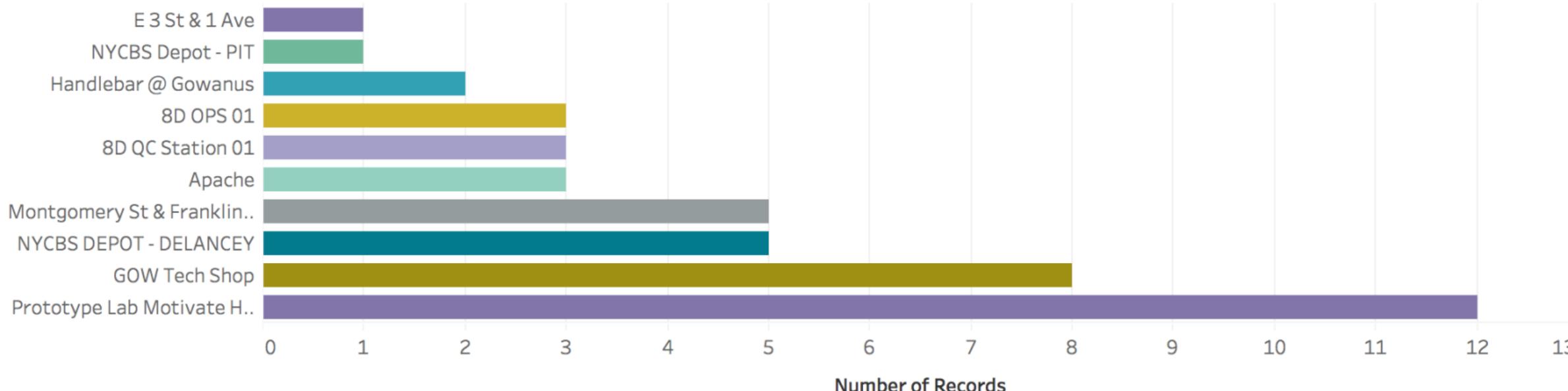
End stations are similar to the starting stations and the data seems to reflect the results found from starting stations.



# Bottom 10 Least Popular Start Stations (2018)

This data seems to suggest that the least popular starting locations are outside of Manhattan.

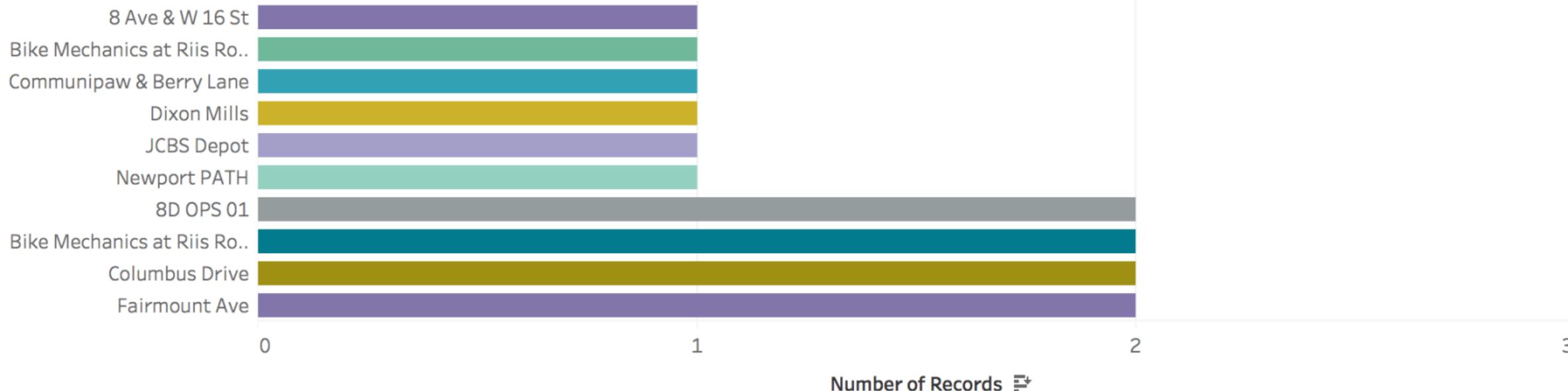
## Start Station Name =



# Bottom 10 Least Popular End Stations (2018)

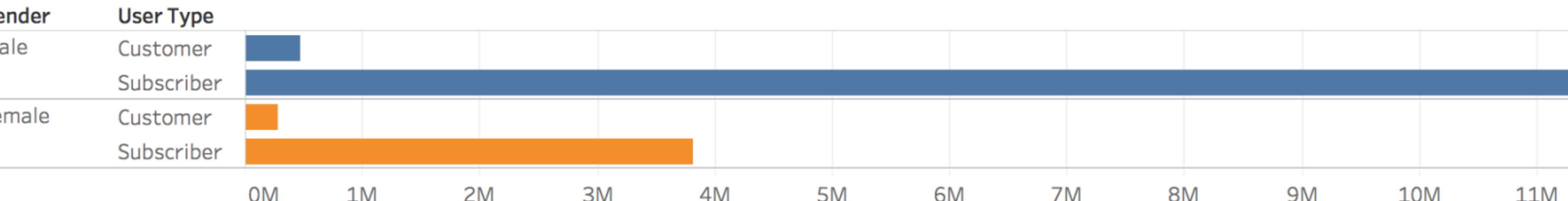
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## End Station Name



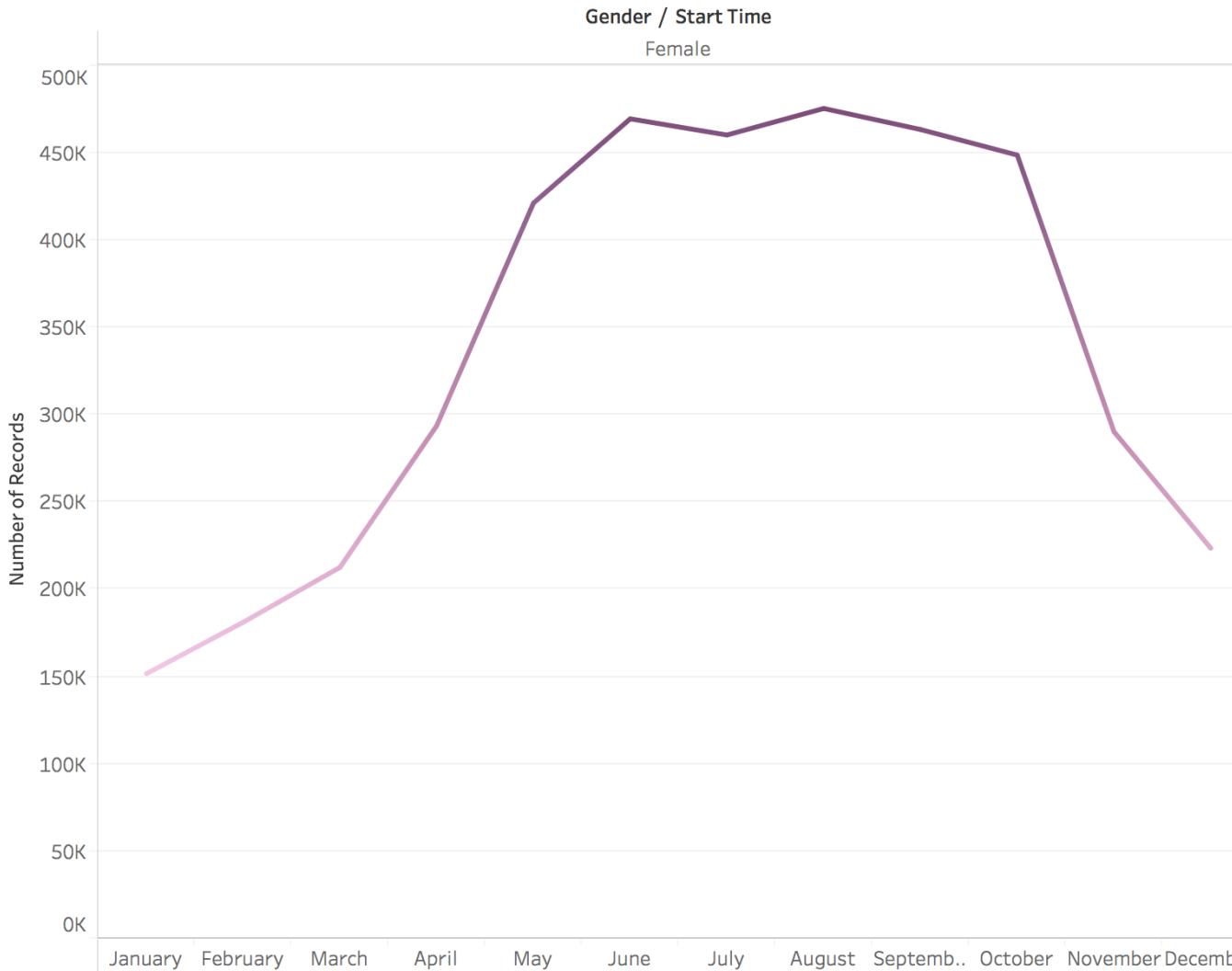
# Gender Breakdown of Active Participants

The gender demographics reveal that there are a substantial amount more male users than female users.



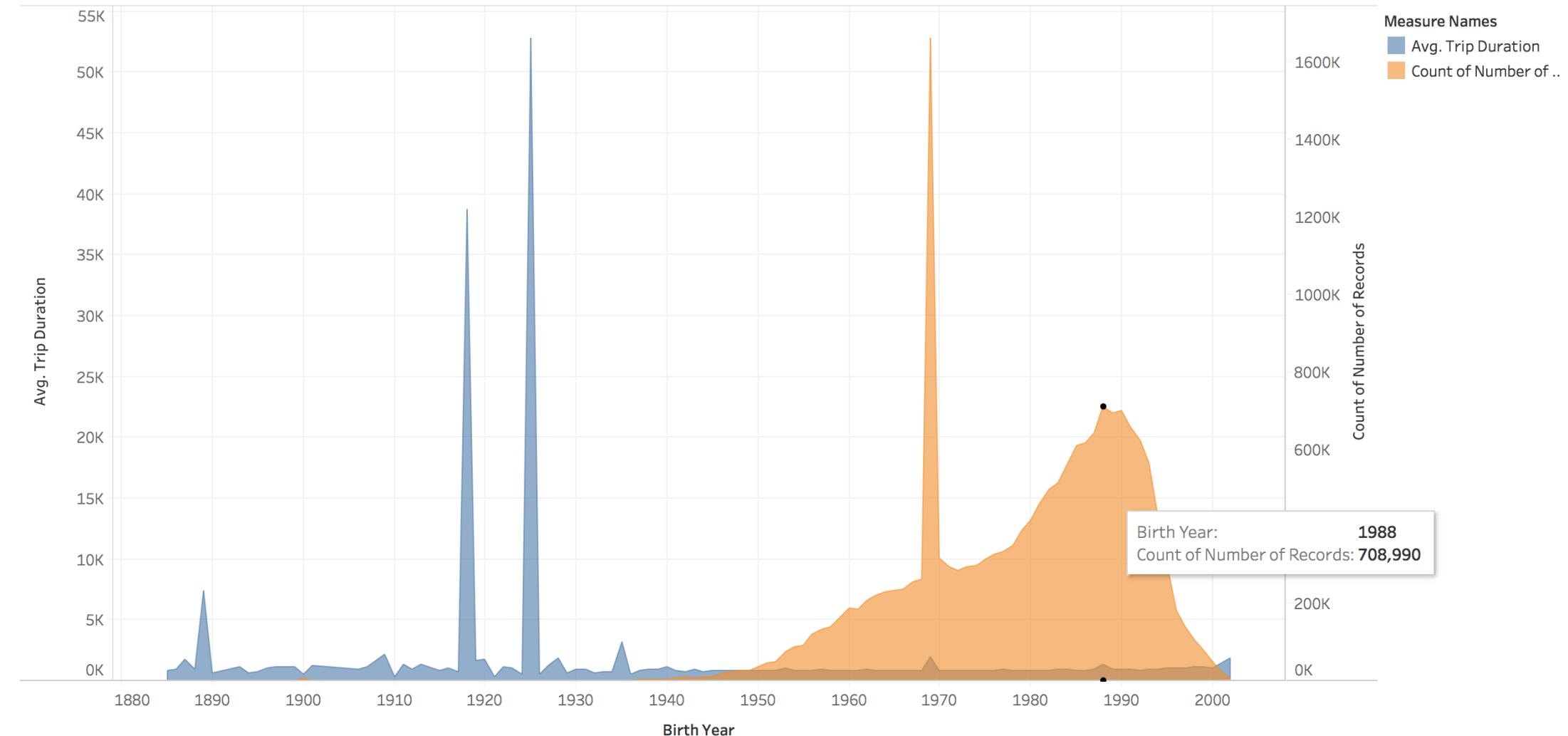
# Outreach for female clients

This graph illustrates that females tend to start biking more after March (when things start getting warmer) and stop biking after October (when things start getting colder).



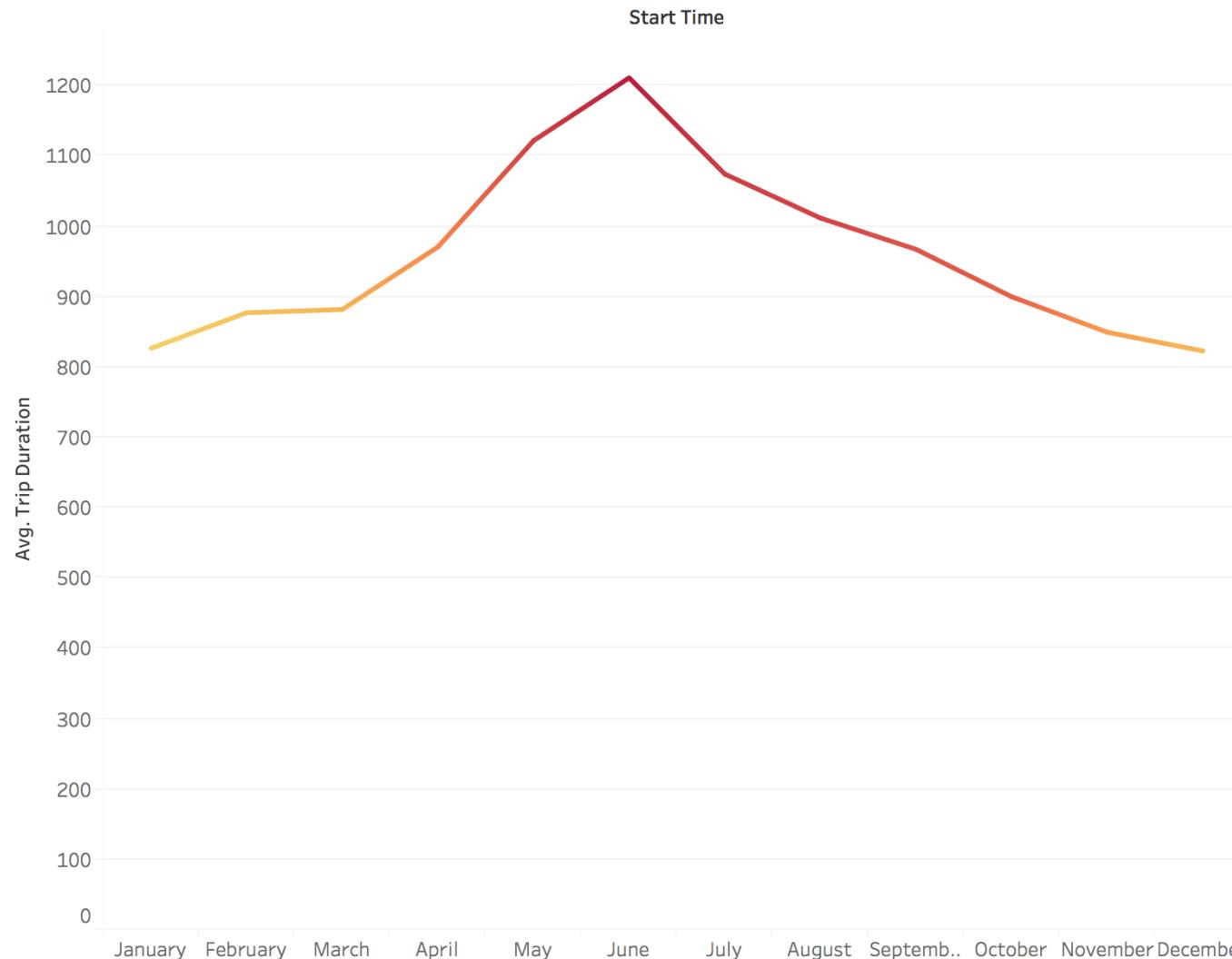
# Average Trip Duration by Age

This graph reveals that older users have longer average trip durations. However, there are a substantial amount more users in the 30-50 years old range.



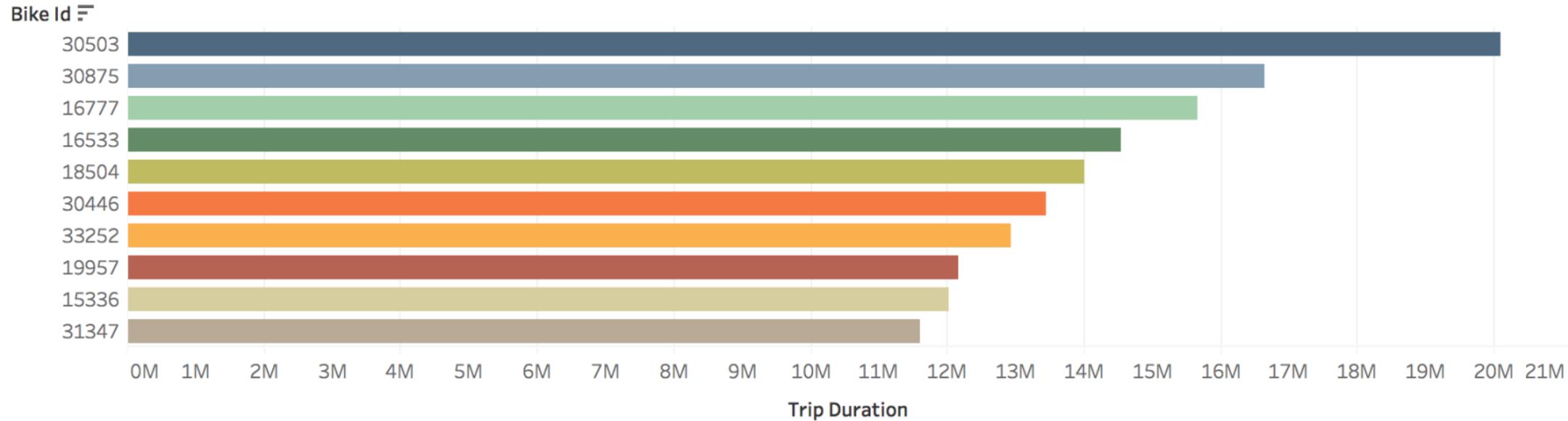
# Average Trip Duration

This graph illustrates that people have longer trips on average in the summertime.



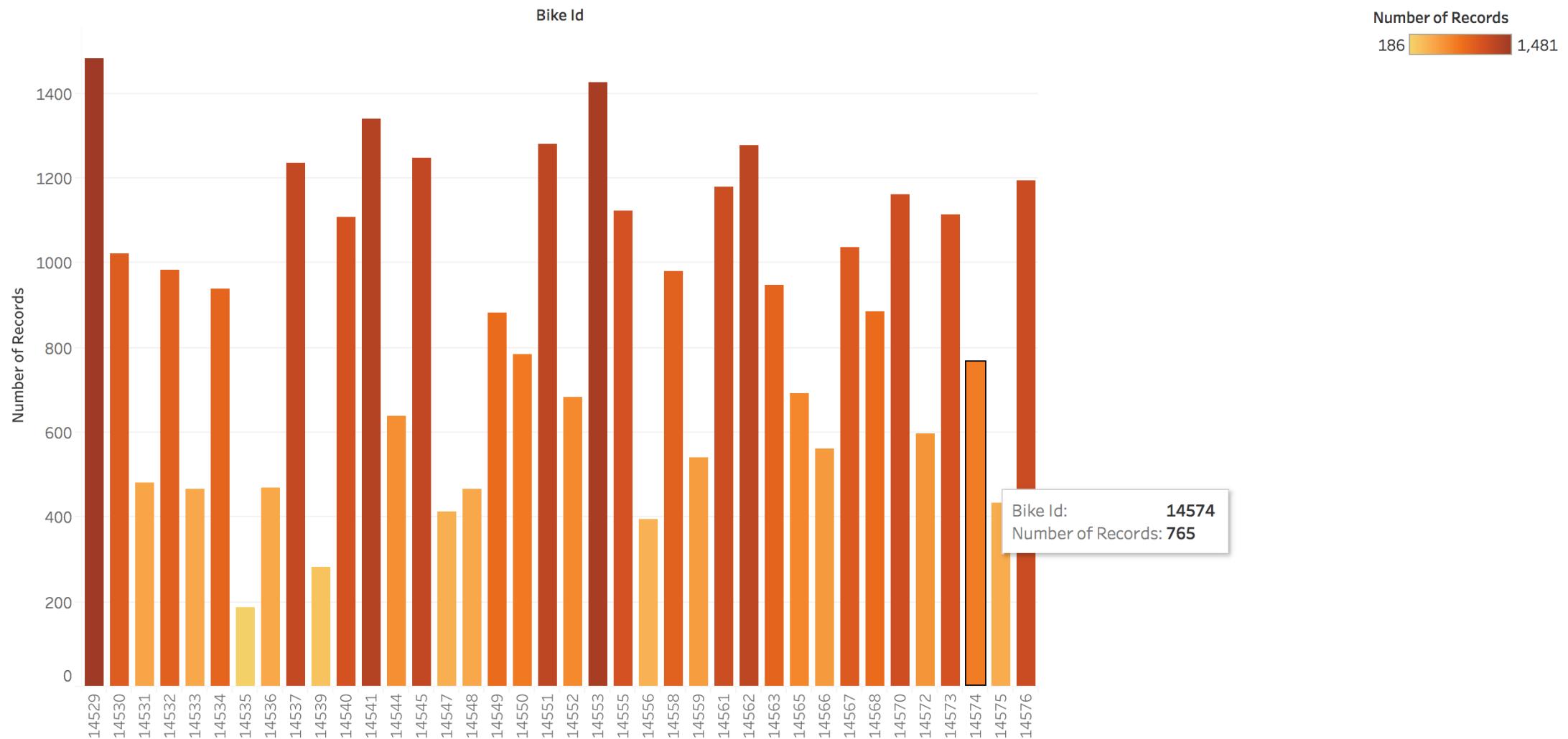
# Bikes Most Likely In Need of Repair

This graph makes the assumption that bikes with the most miles clocked are the most likely in need of repair or service.



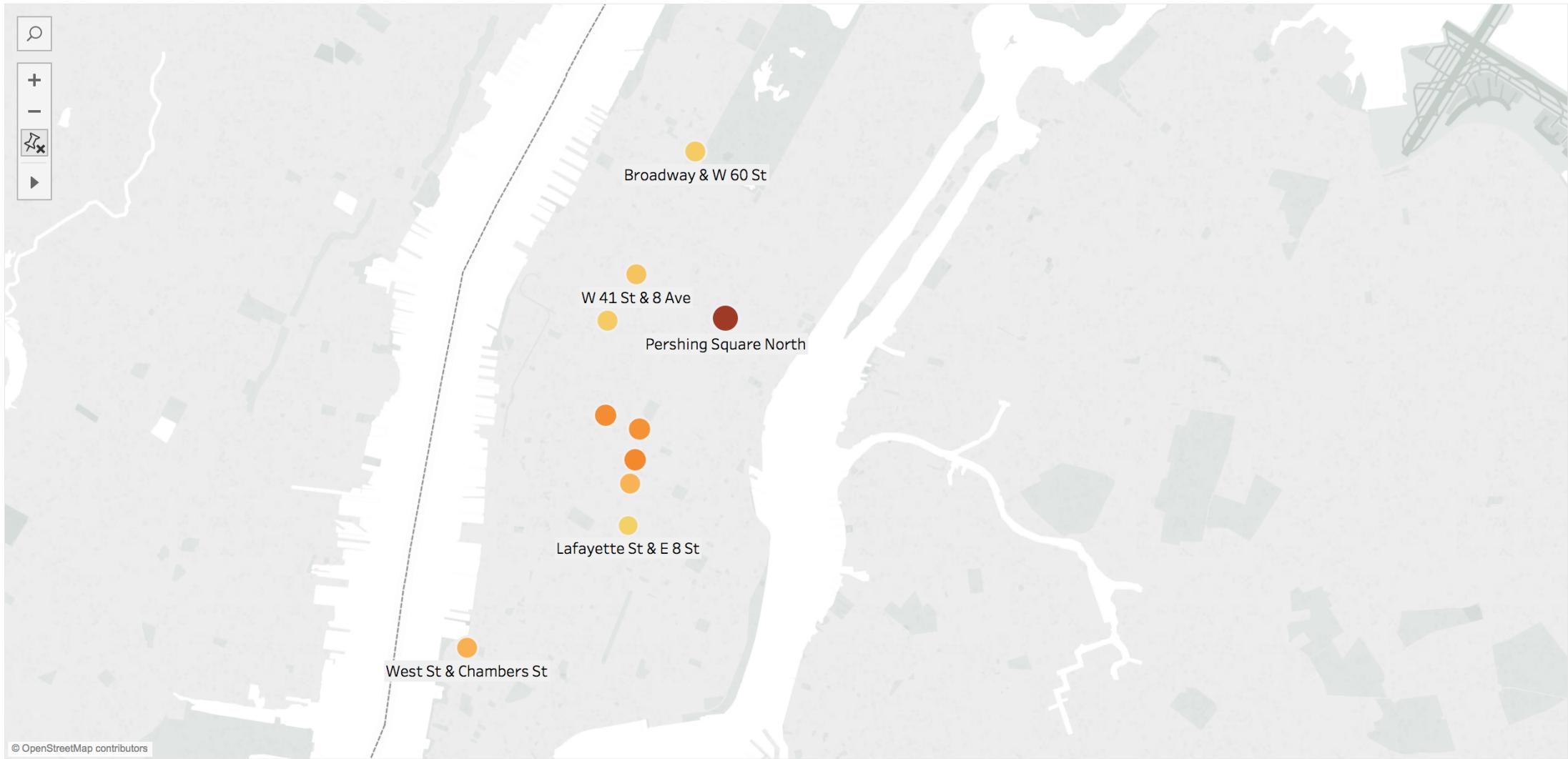
# Bike Variability

This graph is just here to reflect the variance in number of trips per bike.



# Where are the top 10 most popular starting locations (visually)?

This graph reflects the top 10 most popular starting stations. As you can see, the most popular areas are near commercial/entertainment districts and public transportation hubs.



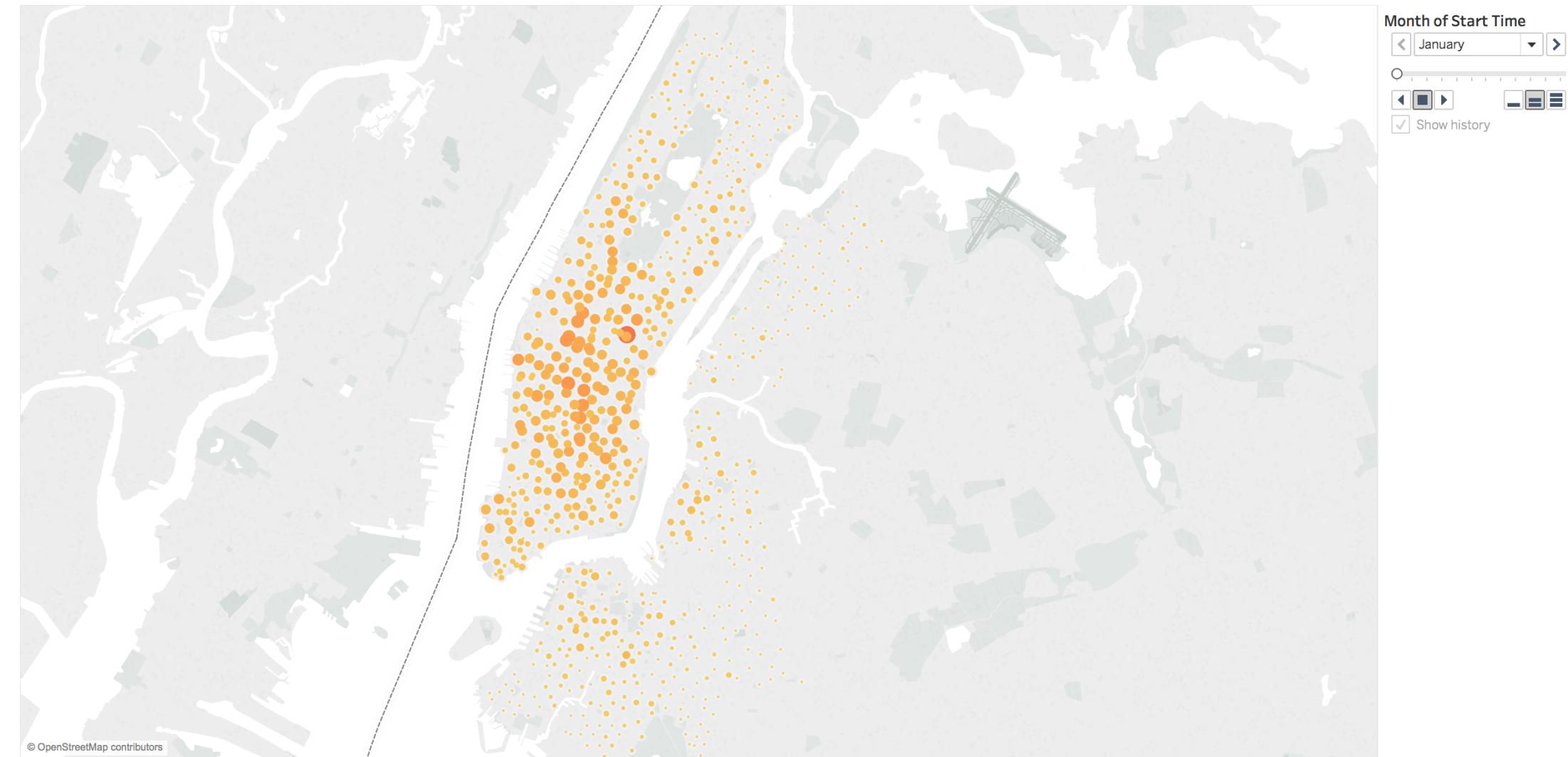
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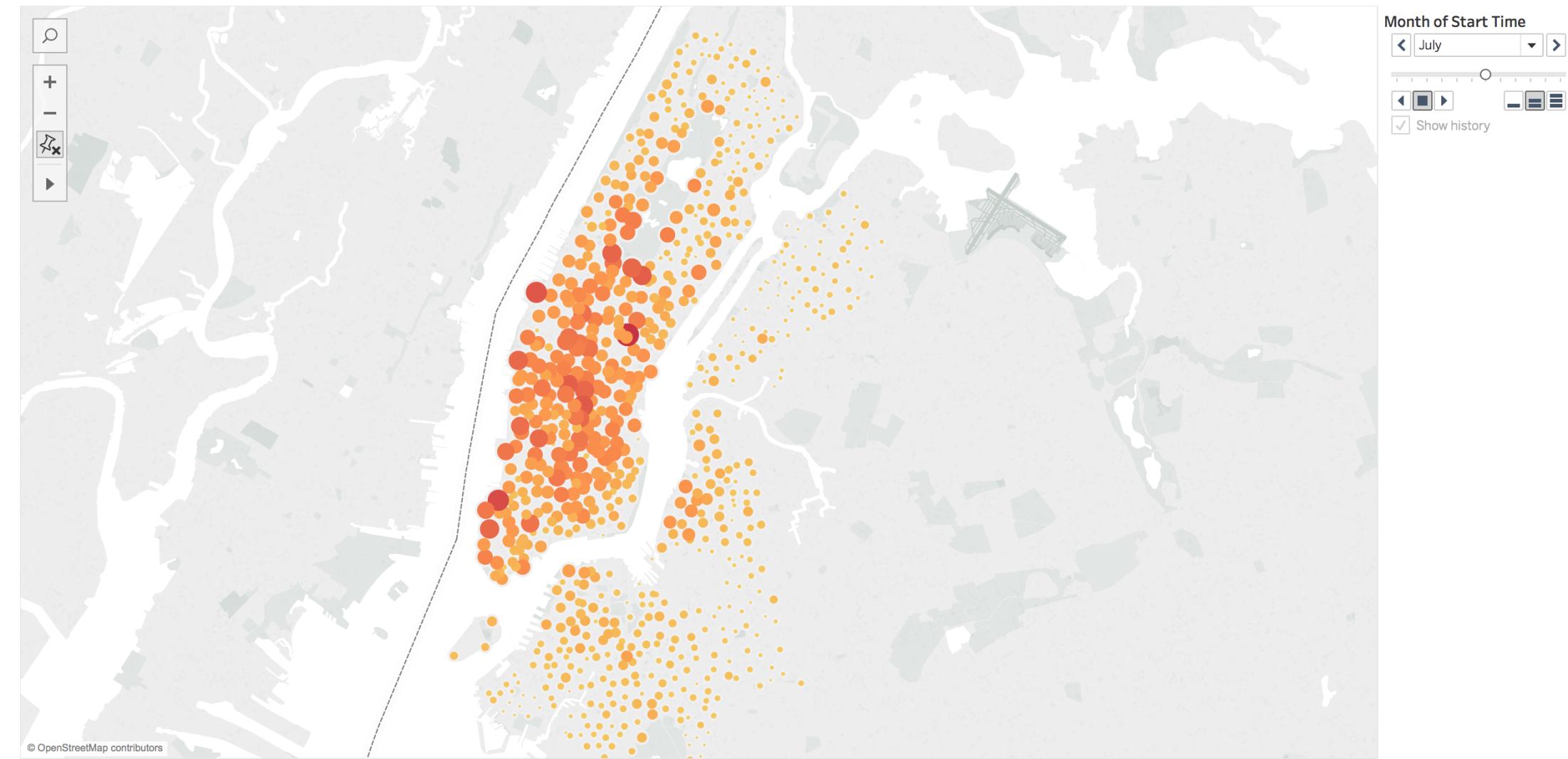
Create a dynamic map that shows how each station's popularity changes over time.

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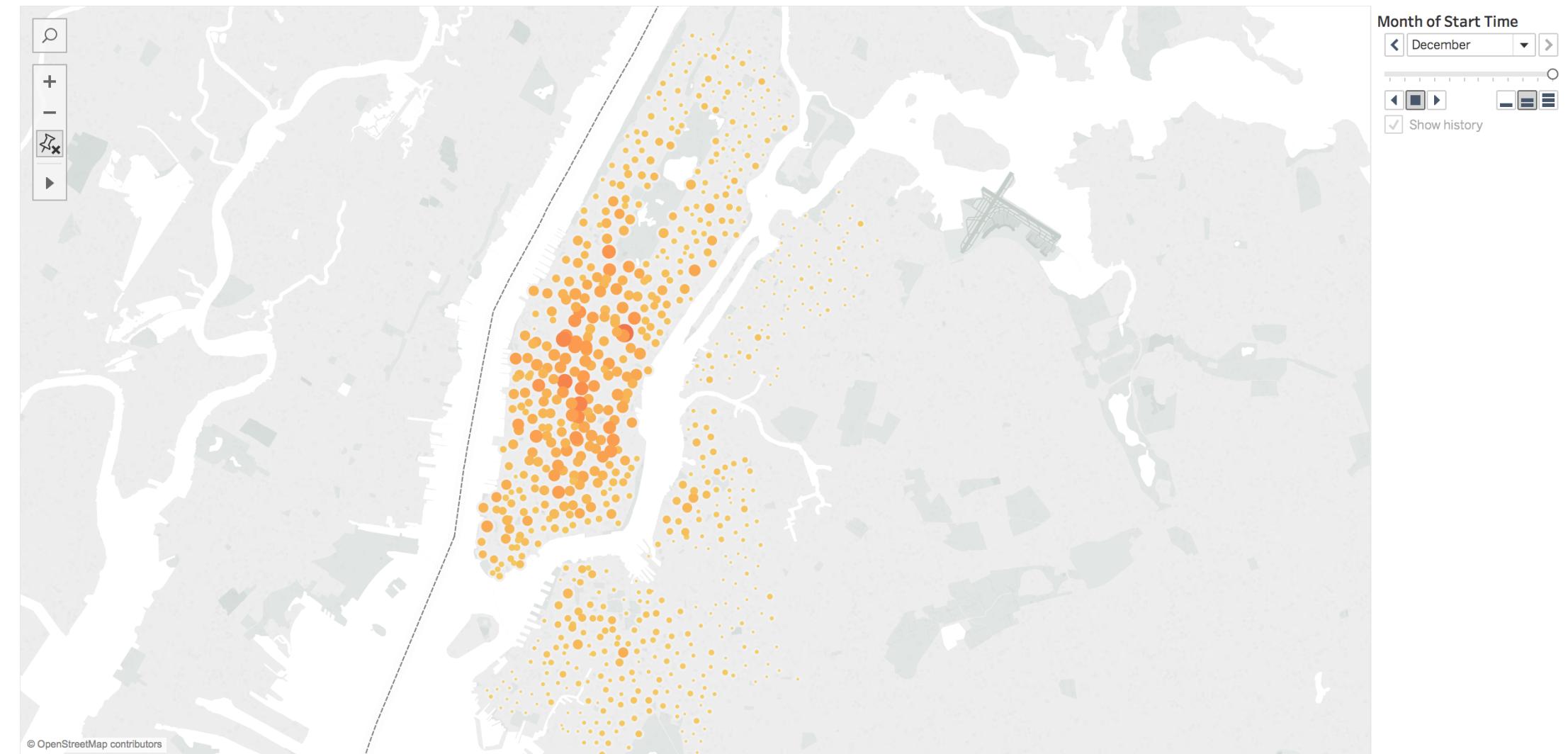
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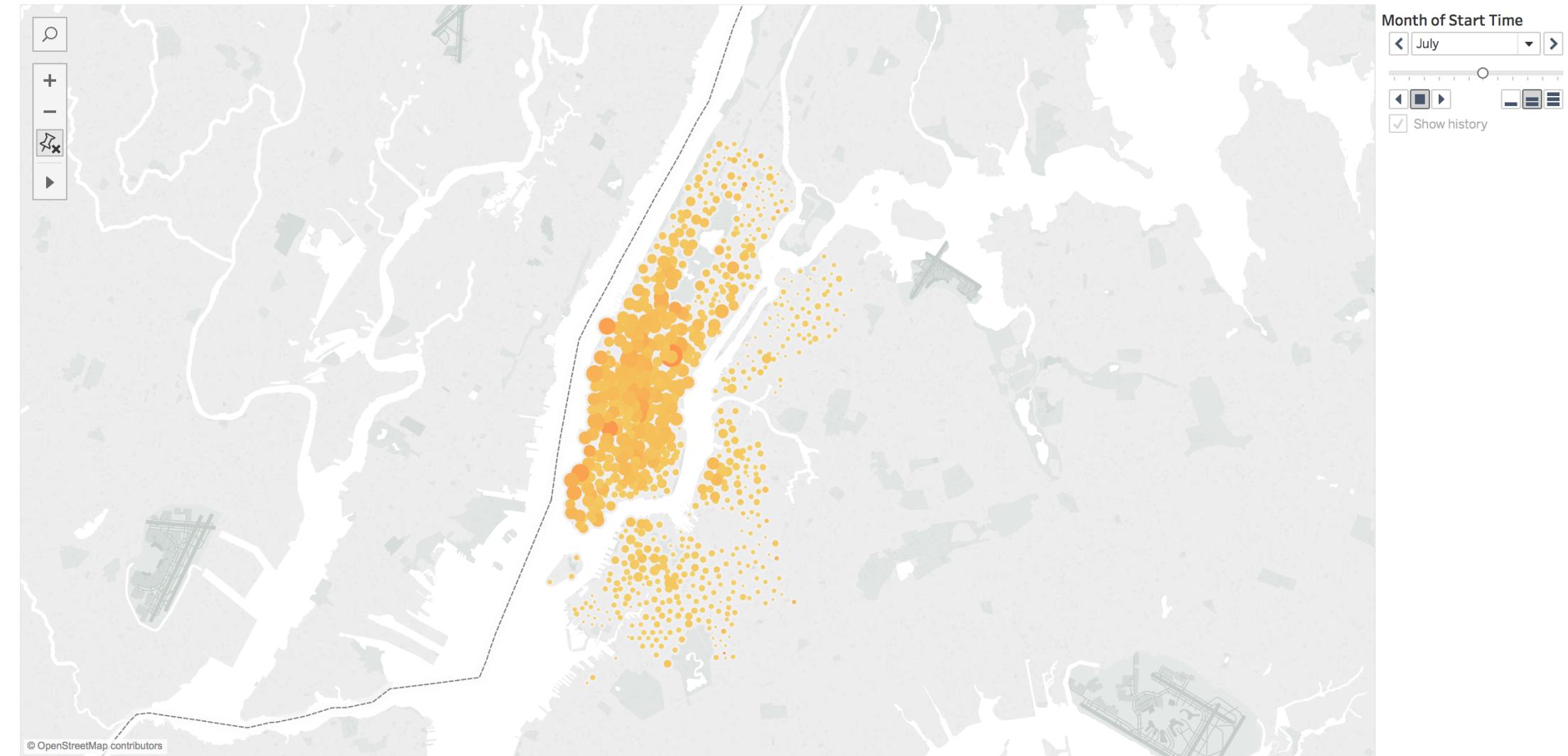


## Male Dynamic Map

This dynamic map shows how male trip durations tend to increase near the southern part of Manhattan up until the summer time. After that, it decreases.

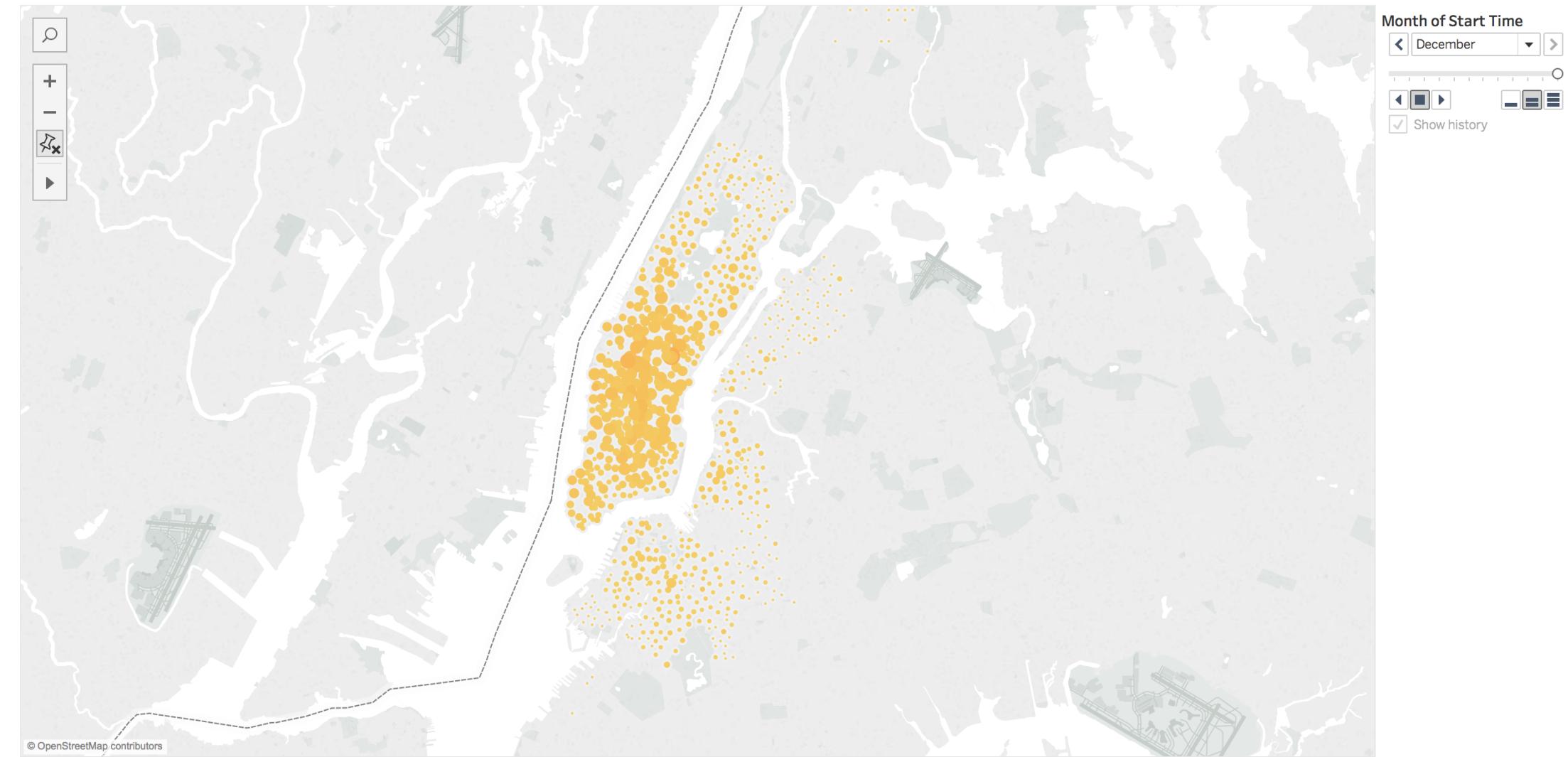
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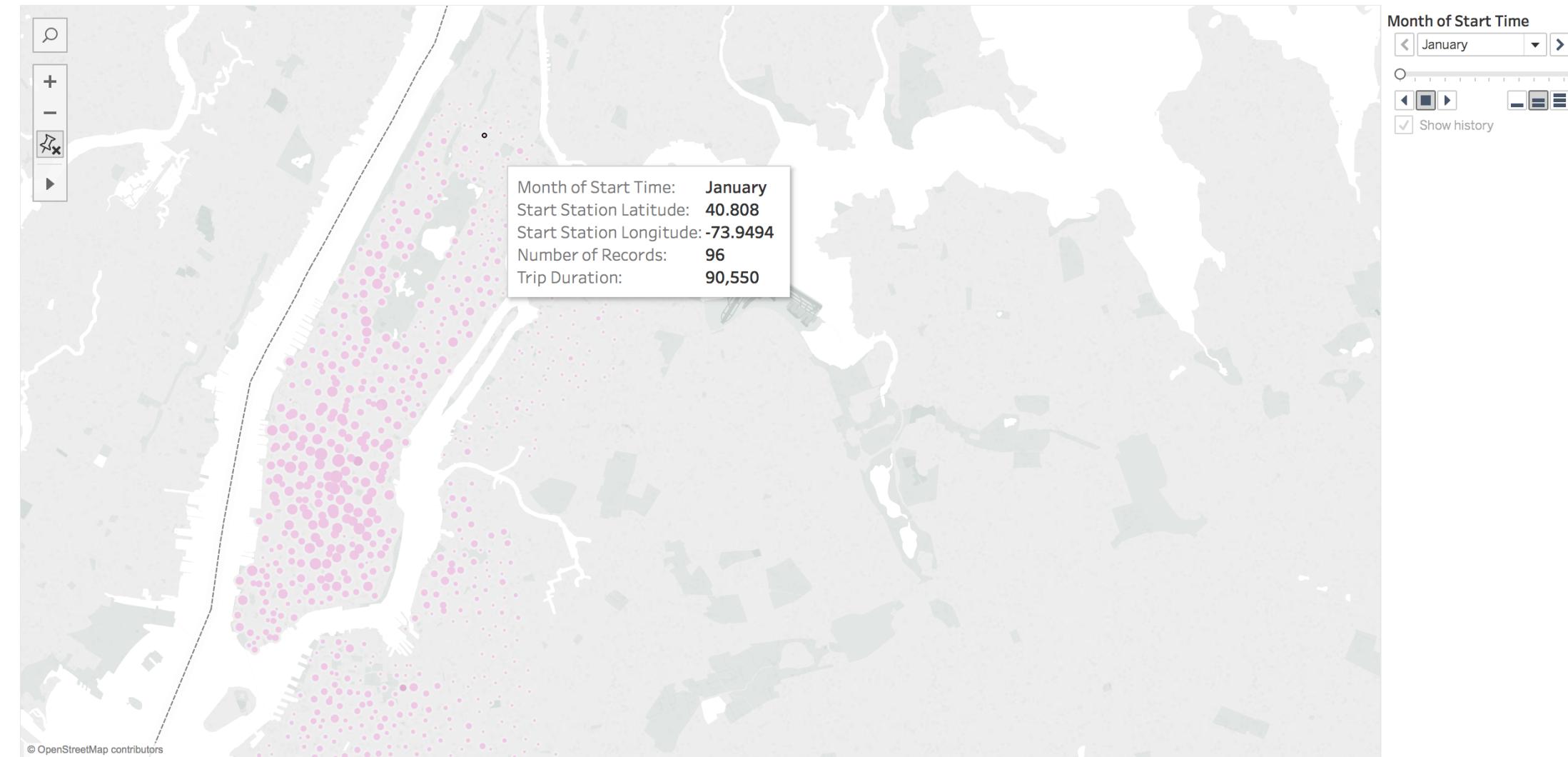
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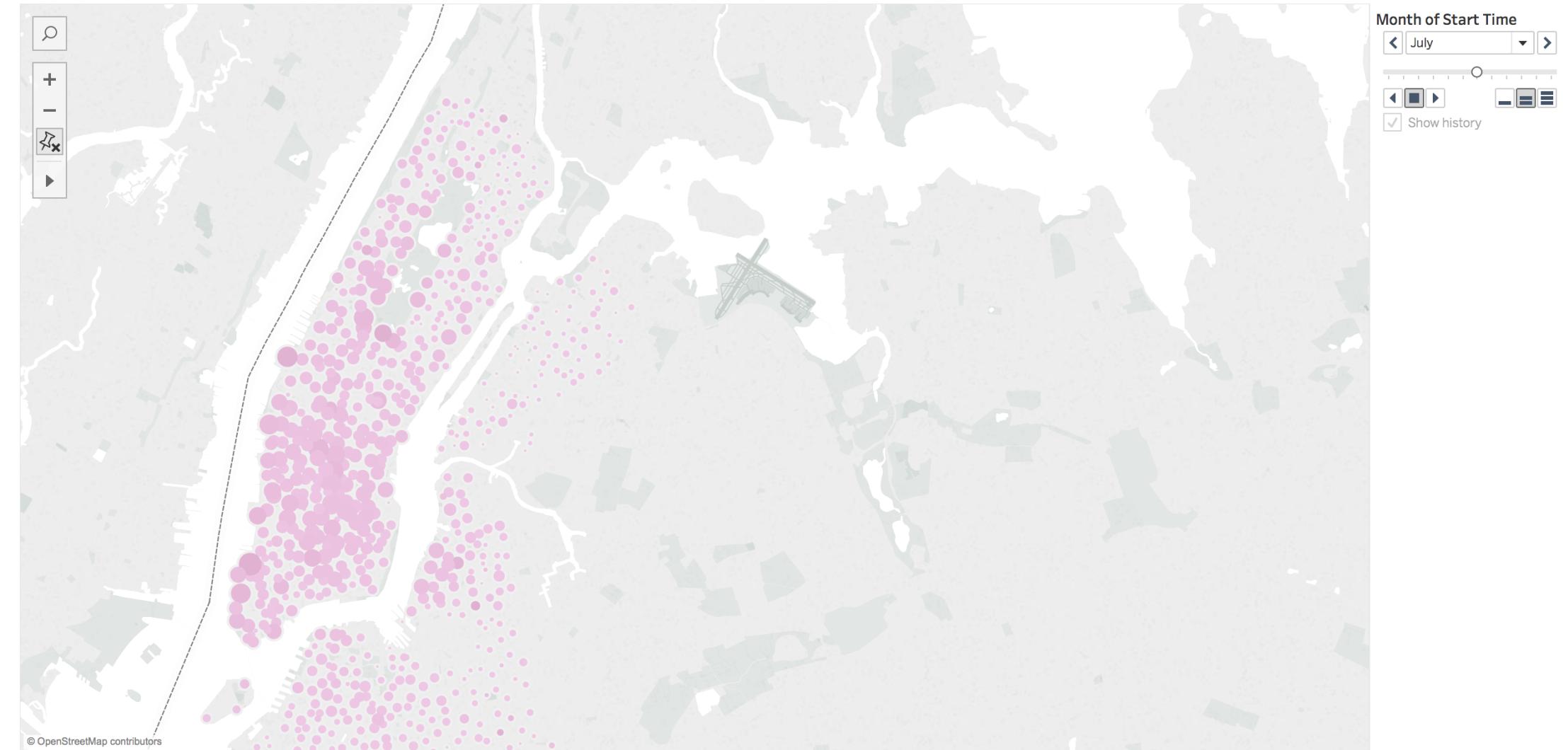
# Female Dynamic Map

This dynamic map shows how like their male counterparts, females like to bike further when it gets warmer and less when it gets colder.



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