

# New York CitiBike 2015-2017

< 1 2 3 >

## Stations' Performance

Year



Total Stations

886

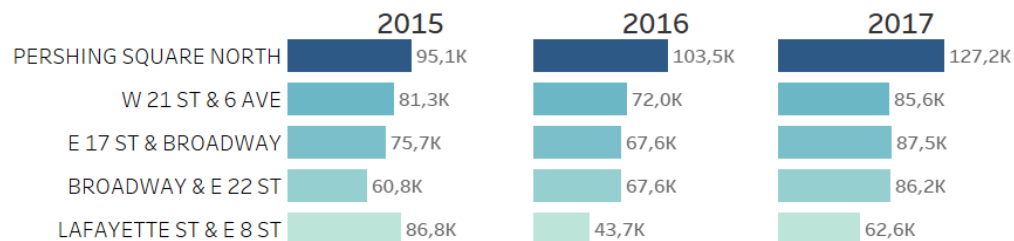
Total Routes

346.107

Total Trips

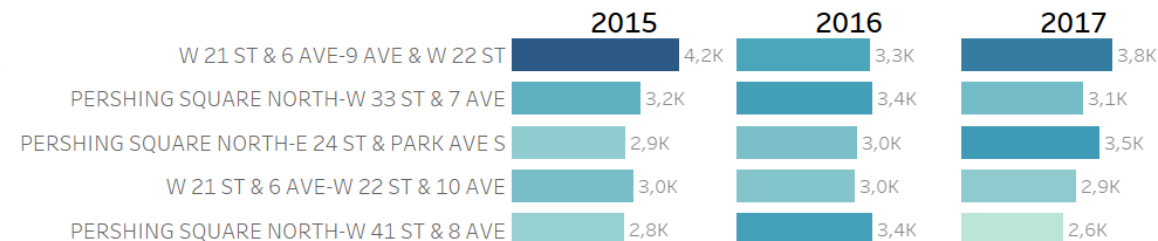
29.379.159

### Total Visitors at The Busiest Stations



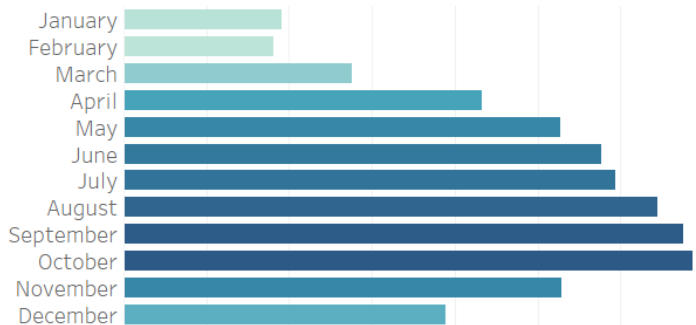
These stations should have comfort facilities, sufficient capacity and bikes availability to serve well

### Total Riders at The Busiest Routes



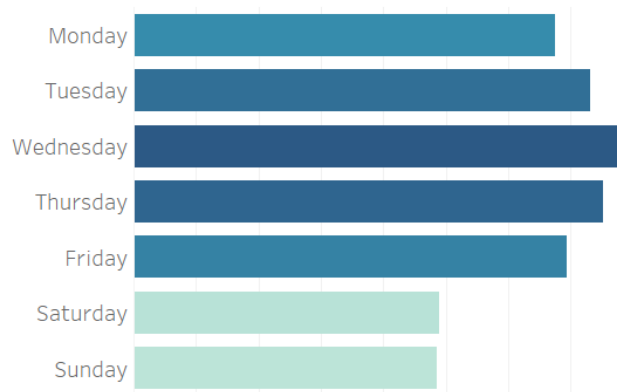
Road bikes on these routes should be good enough to make sure the riders safety

### Avg. of Monthly Total Trips

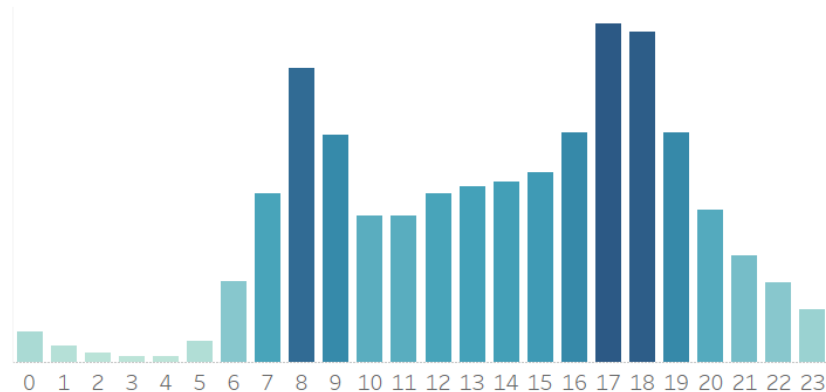


The number of staff should be optimize on April - September to serve well, other than could be minimize to reduce cost.

### Avg. of Weekly Total Trips



### Avg. of Hourly Total Trips



# New York CitiBike 2015-2017

< 1 2 3 >

## Bikes' Maintenance

### Total Bikes

16.681

### Average Distance per Trip

1.122 miles

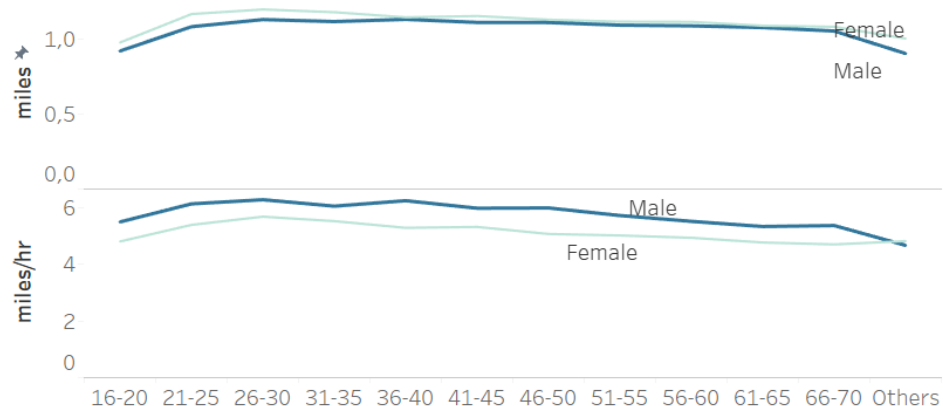
### Total Visitors by Gender

Female	Male
7,2M	22,2M
24,5%	75,5%

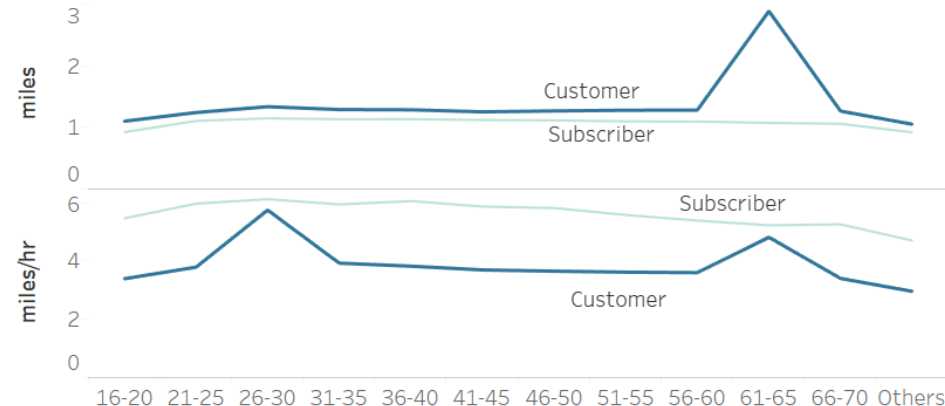
### Total Visitors by User Type

Customer	Subscriber
0,2M	22,2M
0,91%	99,09%

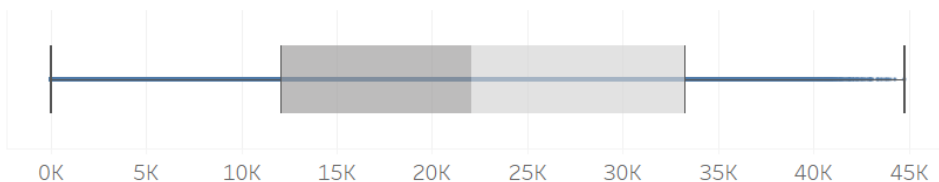
### Avg. Distance and Speed by Age and Gender



### Avg. Distance and Speed by Age and User Type

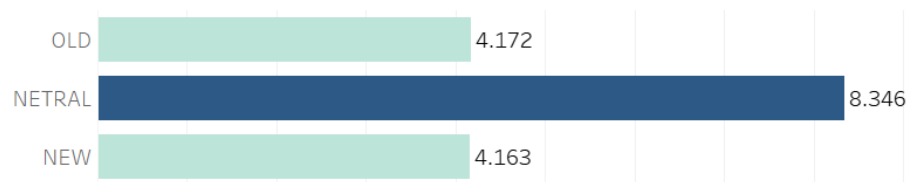


### Distribution of Bikes by Total Mileage



There are 25% Old Bikes at warehouse that should be checked/replaced since they are used longer than others.

### Total Bikes by Mileage Status



# New York CitiBike 2015-2017

< 1 2 3 >

## Daily Distribution of Bikes at Station

The **Distribution Status** for each Stations is defined by adjusting the flow of total Bikes at Stations and its capacity. **SUPRLUS OVER** means the remained Bikes is sufficient but over Capacity. **SURPLUS BALANCE** means the remained Bike is sufficient and suits Capacity. **SURPLUS UNDER** means the remained Bike is sufficient and still have space related to Capacity. **SHORTAGE** means the remained Bike is not sufficient and surely under Capacity. Here, bikes availability is assumed as beginning inventory. *Stations with Surplus status should do rebalancing to the Stations with Shortage status.*

