Tableau project Bixi riders
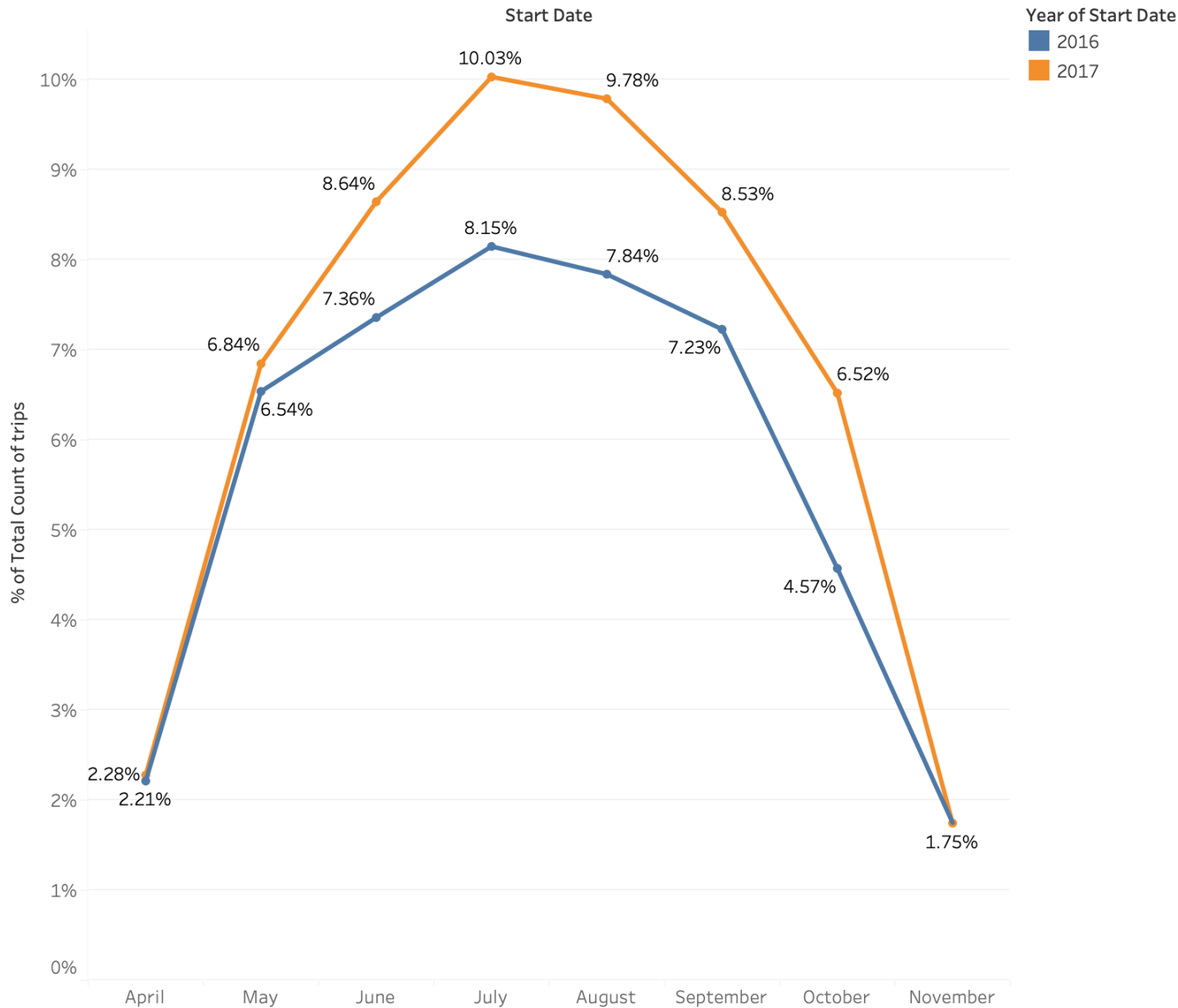
File created on: 2022-11-18 9:28:29 a.m. EST

Percentage Of Trips that occured in each Month per Year between 2016 &2017.

Start Date

Year of Start Date
- 2016
- 2017

% of Total Count of trips

10.03%
9.78%
8.64%
8.53%
8.15%
7.84%
7.36%
7.23%
6.84%
6.54%
6.52%
4.57%
2.28%
2.21%
1.75%

April May June July August September October November
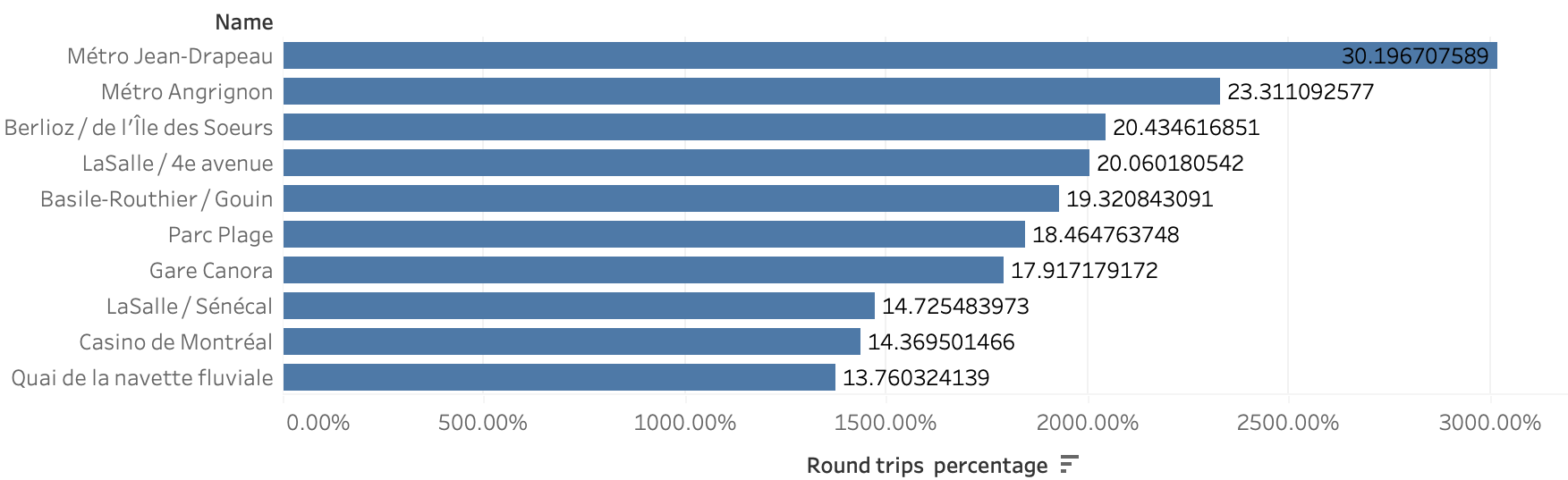
The trend of % of Total Count of trips for Start Date Month. Color shows details about Start Date Year. The marks are labeled by % of Total Count of trips.

Percentage of member trips 2017
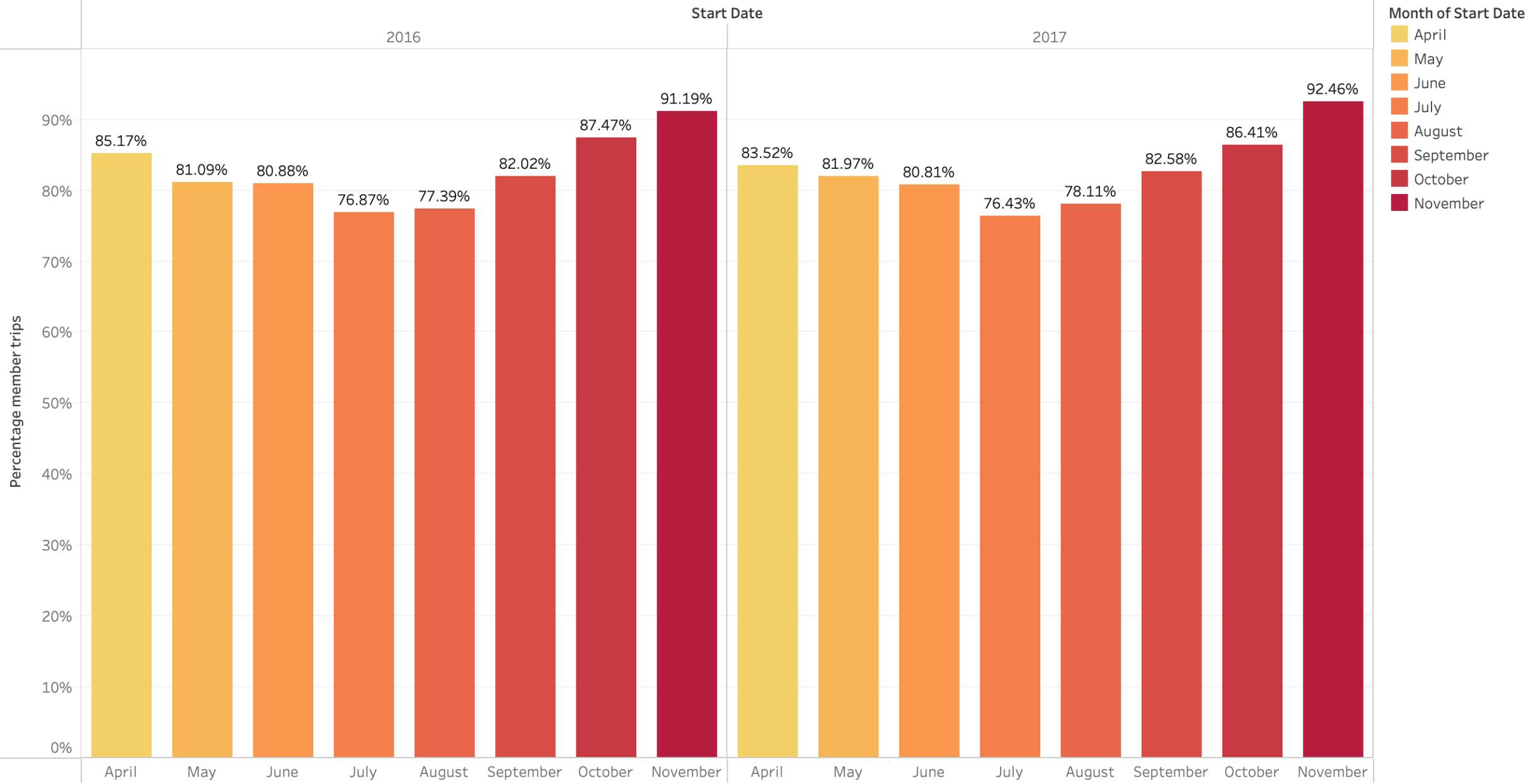

Percentage member trips for each Start Date Month broken down by Start Date Year. Color shows details about Start Date Month. The marks are labeled by Percentage member trips. The view is filtered on Start Date Year and Action (YEAR(Start Date),MONTH(Start Date)). The Start Date Year filter keeps 2016 and 2017. The Action (YEAR(Start Date),MONTH(Start Date)) filter keeps 16 members.

Top 10 stations by percentage of round trips.

Name

Station	Percentage
Métro Jean-Drapeau	30.196707589
Métro Angrignon	23.311092577
Berlioz / de l'Île des Soeurs	20.434616851
LaSalle / 4e avenue	20.060180542
Basile-Routhier / Gouin	19.320843091
Parc Plage	18.464763748
Gare Canora	17.917179172
LaSalle / Sénécal	14.725483973
Casino de Montréal	14.369501466
Quai de la navette fluviale	13.760324139

0.00%   500.00%   1000.00%   1500.00%   2000.00%   2500.00%   3000.00%

Round trips percentage

Round trips percentage for each Name. The marks are labeled by Round trips percentage. The data is filtered on Round trips, which keeps 0 and 1. The view is filtered on Name, which keeps 10 of 540 members.

Relationship between percentage of round trips and percentage of member trips by station.

Percentage member trips vs. Round trips percentage. Details are shown for Name.
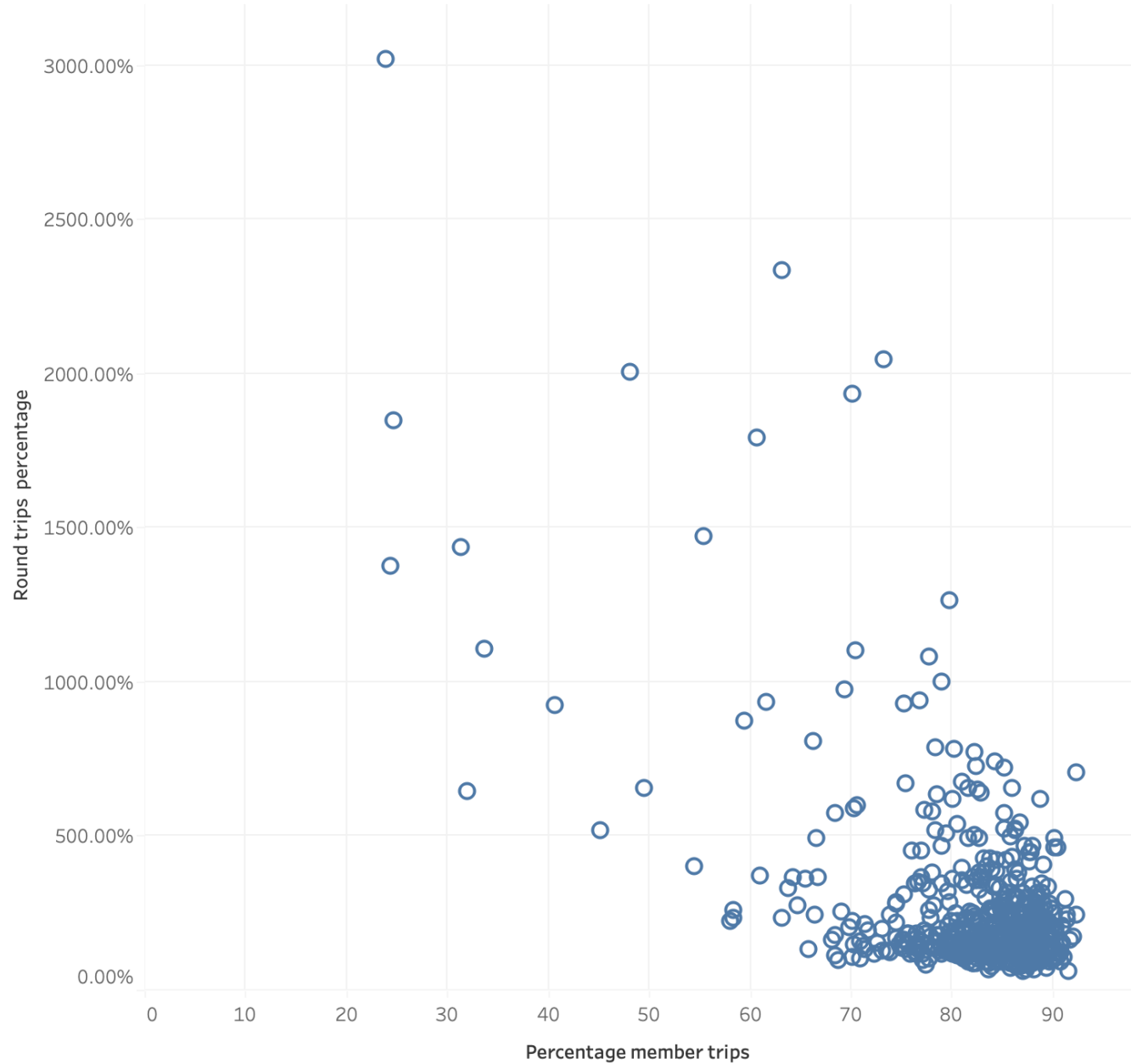
Duration of mins count
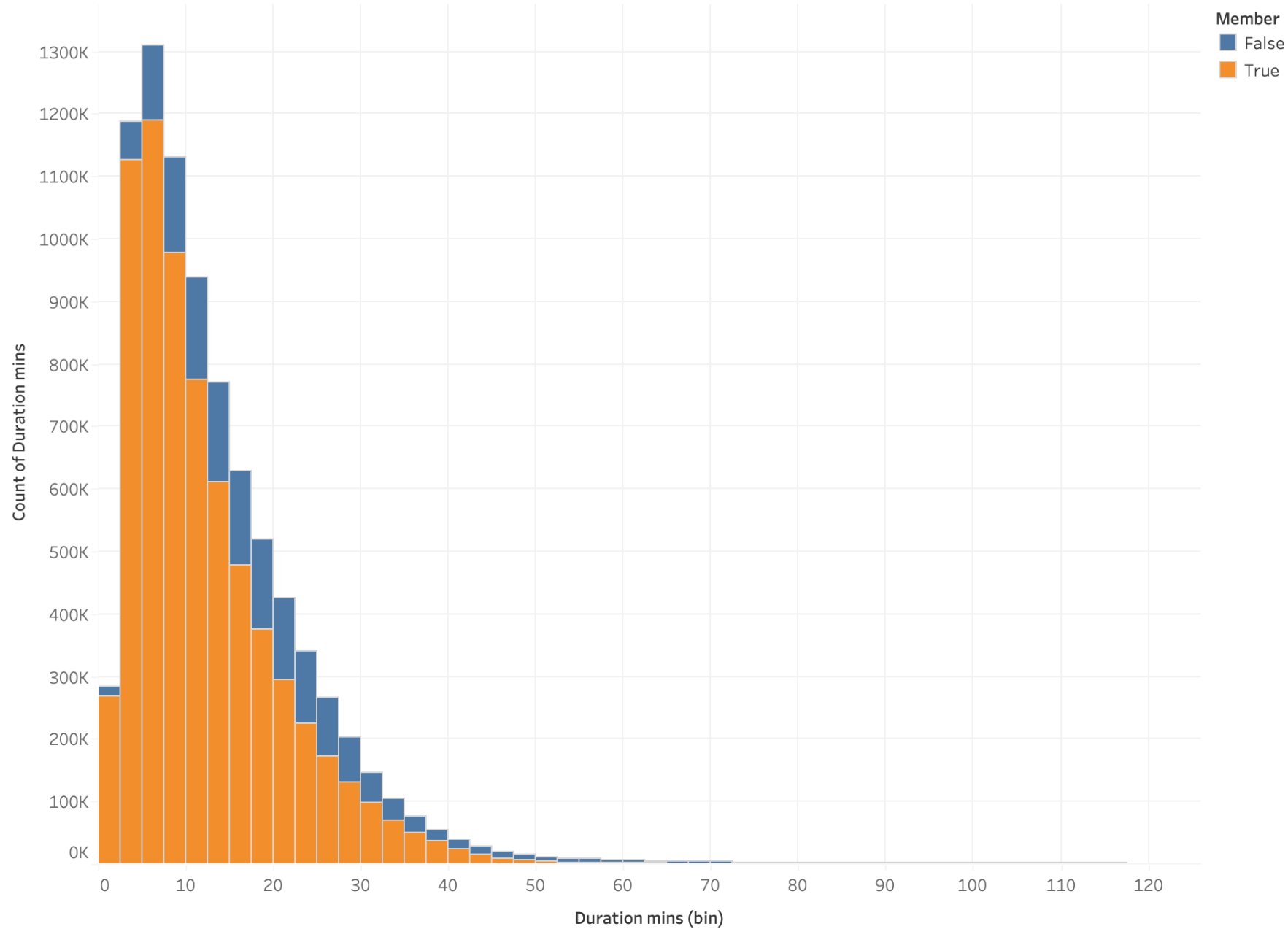
The trend of count of Duration mins for Duration mins (bin). Color shows details about Member. The data is filtered on Action (YEAR(Start Date),MONTH(Start Date)), which keeps 16 members. The view is filtered on Member, which keeps False and True.

Average trip per station
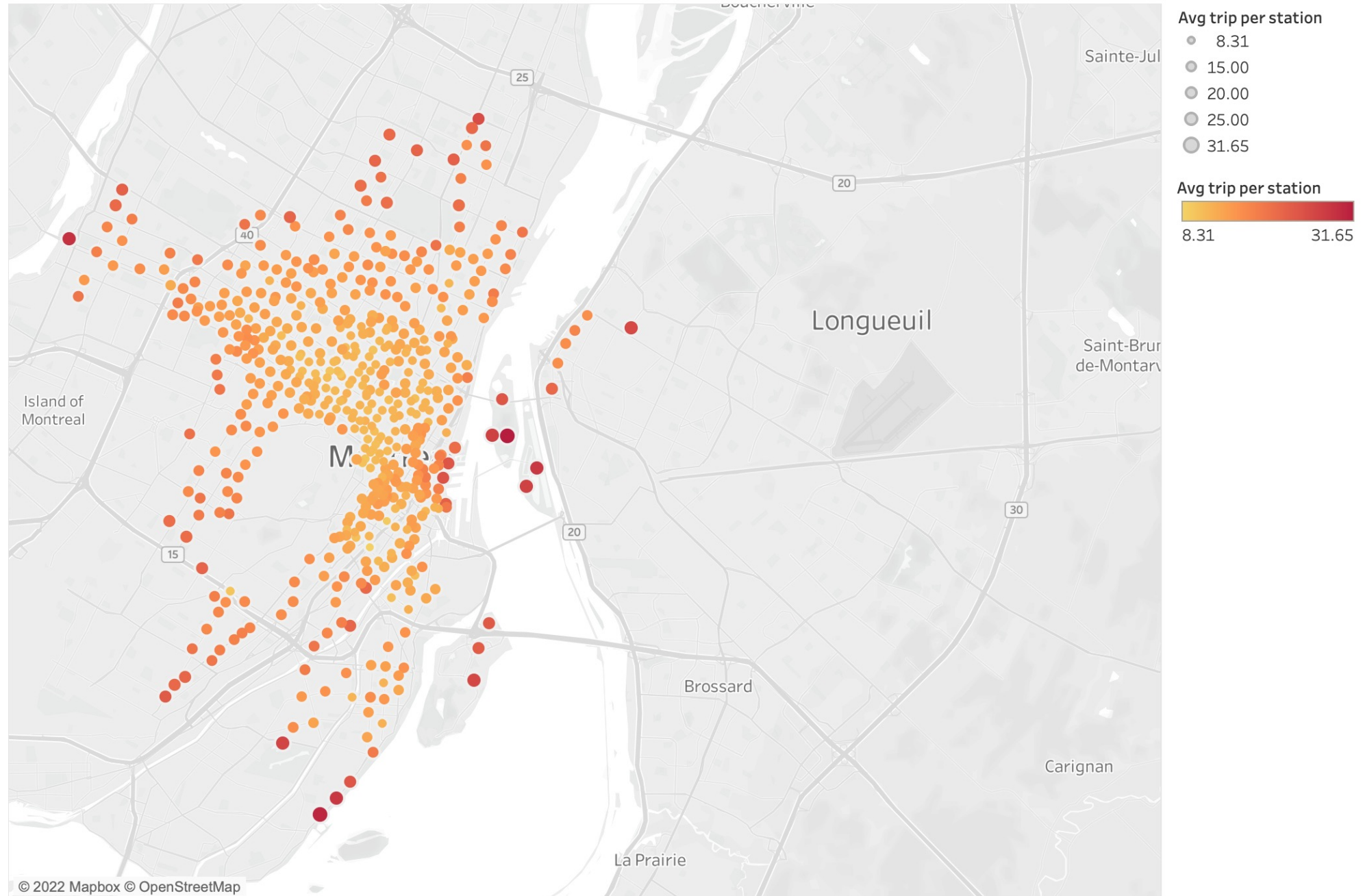
Map based on Longitude and Latitude. Color shows Avg trip per station. Size shows Avg trip per station.

Avg trip per station

- ○ 8.31
- ○ 15.00
- ○ 20.00
- ○ 25.00
- ○ 31.65

Avg trip per station

8.31 — 31.65

Non member trip distribution between long, medium and latge trips

Trip Type

$4,134,452
Short Trip

$1,194,659
Medium

$329,758
Long Trip

% of Total Pricing model

Long Trip	Medium	Short Trip
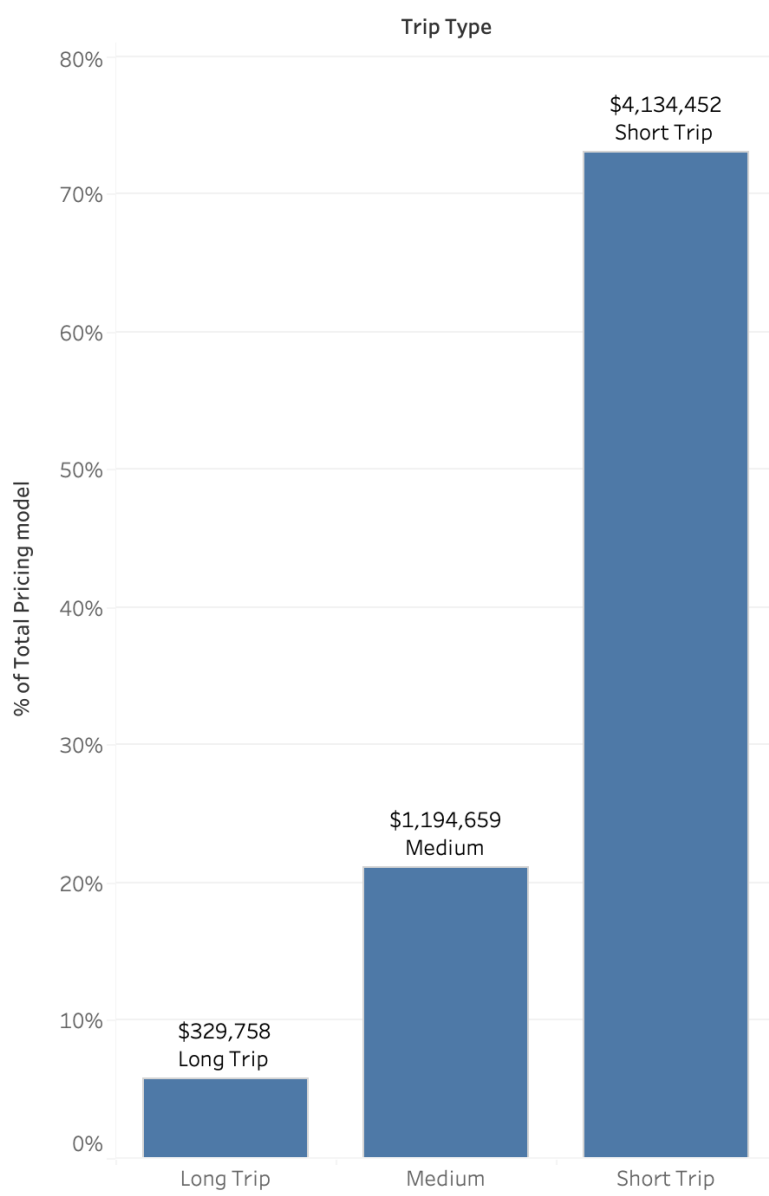
% of Total Pricing model for each Trip Type. The marks are labeled by sum of Pricing model and Trip Type. The data is filtered on Member, which keeps False. The view is filtered on Trip Type, which excludes Trips Longer than an hour and Null.

Distribution of trips during the week from 12:am-11pm

| Hour of Sta..	Sunday	Monday	Tuesday	Wednes..	Thursday	Friday	Saturday
12 a.m.	$28,546	$10,558	$7,639	$9,496	$11,144	$14,496	$24,297
1 a.m.	$23,457	$6,521	$4,321	$6,058	$7,050	$10,321	$20,840
2 a.m.	$18,870	$4,069	$2,832	$3,746	$4,162	$6,671	$16,636
3 a.m.	$18,418	$3,489	$2,111	$2,592	$2,972	$5,469	$14,989
4 a.m.	$6,258	$1,363	$897	$1,044	$1,229	$2,078	$4,661
5 a.m.	$2,915	$1,145	$894	$942	$972	$1,292	$2,180
6 a.m.	$2,416	$1,896	$2,111	$2,159	$2,150	$2,030	$1,908
7 a.m.	$3,385	$5,484	$6,446	$6,730	$6,994	$5,974	$3,274
8 a.m.	$8,279	$12,684	$14,711	$16,732	$16,197	$13,464	$7,355
9 a.m.	$17,961	$14,454	$15,318	$15,769	$15,527	$14,454	$15,396
10 a.m.	$35,518	$19,076	$18,792	$18,574	$17,483	$18,559	$27,131
11 a.m.	$51,533	$25,131	$24,874	$25,011	$24,105	$26,943	$43,149
12 p.m.	$62,380	$28,486	$27,954	$28,082	$27,660	$32,256	$53,363
1 p.m.	$71,772	$30,184	$29,628	$30,067	$29,155	$34,508	$62,207
2 p.m.	$78,990	$32,609	$30,743	$30,872	$30,307	$36,024	$69,329
3 p.m.	$80,296	$35,423	$32,062	$33,889	$33,835	$39,567	$74,257
4 p.m.	$76,380	$36,044	$36,466	$38,595	$37,372	$42,901	$73,449
5 p.m.	$70,011	$38,152	$42,742	$42,763	$43,068	$45,774	$71,383
6 p.m.	$60,165	$35,291	$36,083	$38,296	$39,017	$42,024	$65,003
7 p.m.	$50,379	$27,977	$30,976	$32,184	$33,757	$36,971	$55,139
8 p.m.	$40,455	$23,403	$24,981	$26,210	$27,840	$31,900	$46,058
9 p.m.	$32,241	$18,915	$21,480	$23,014	$24,476	$28,662	$38,694
10 p.m.	$27,266	$15,542	$18,634	$21,307	$23,477	$27,200	$37,025
11 p.m.	$20,470	$11,398	$13,778	$16,977	$19,151	$26,581	$36,278

Start Date

Short Trips

$894 $80,296

Sum of Short Trips broken down by Start Date Weekday vs. Start Date Hour. Color shows sum of Short Trips. The marks are labeled by sum of Short Trips. The data is filtered on Duration mins (bin), which keeps 48 of 48 members.

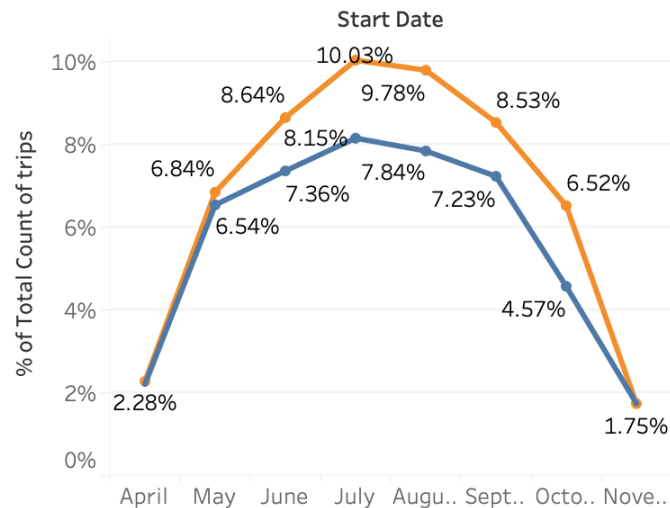# Total Number Of Monthly Trips in 2016 & 2017
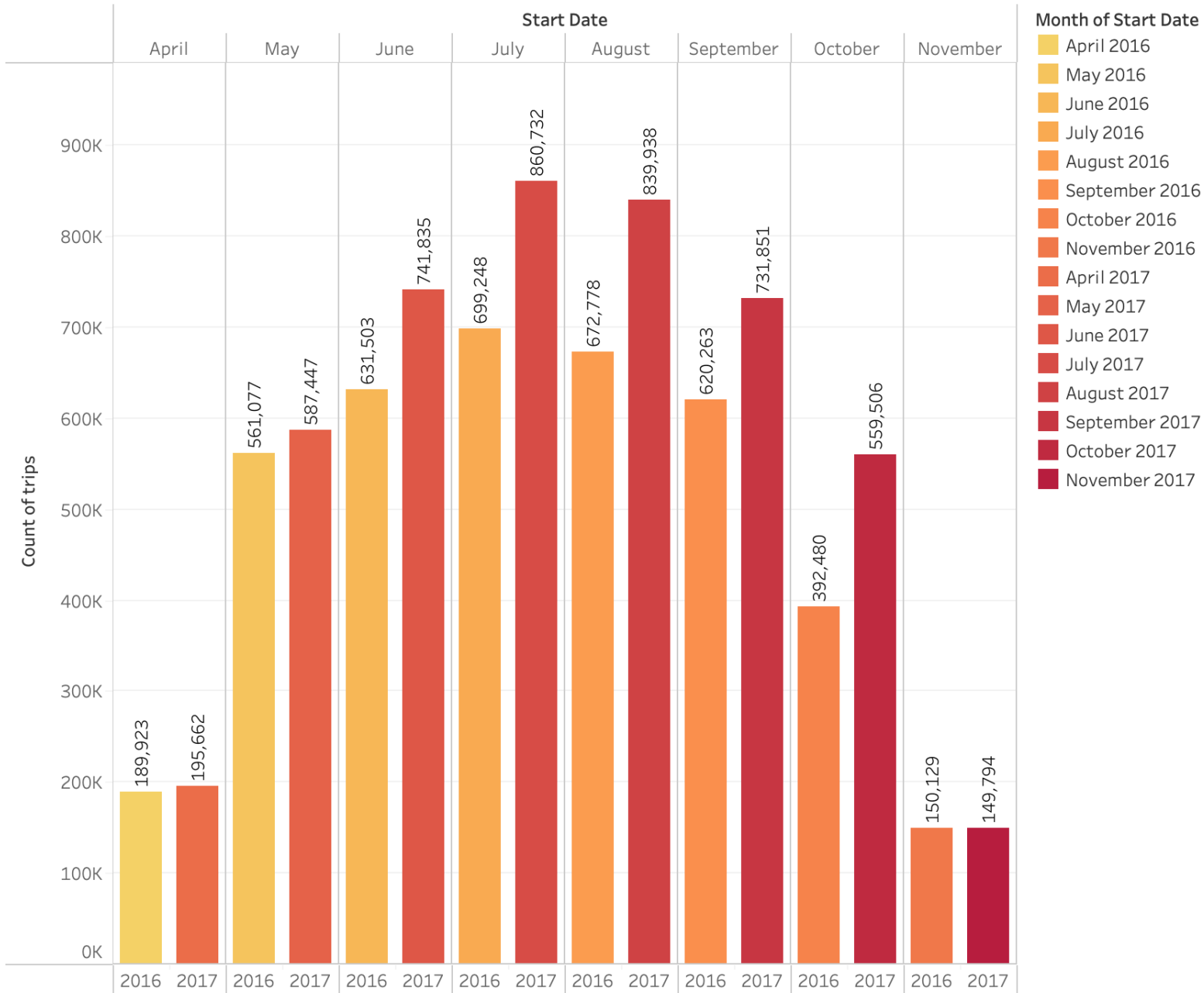
Count of trips for each Start Date Year broken down by Start Date Month. Color shows details about Start Date Month. The marks are labeled by count of trips.

TOP 10 station trip count btwn mwmbers and non-members

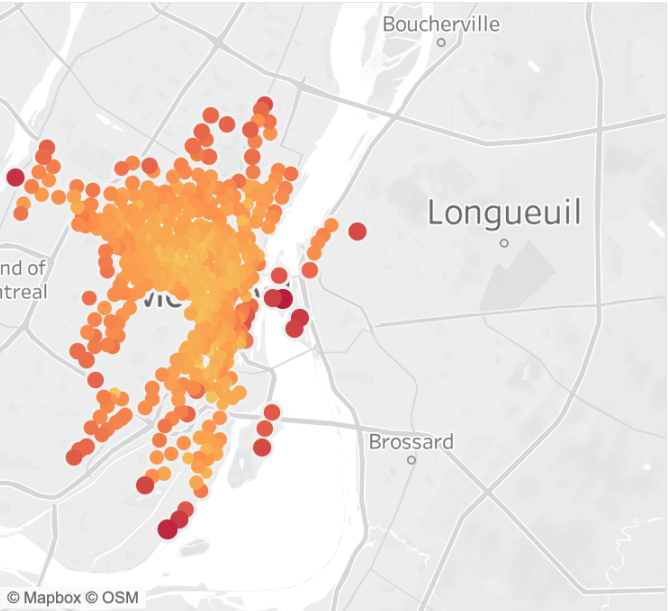| Name	Member vs ..	Count of trips
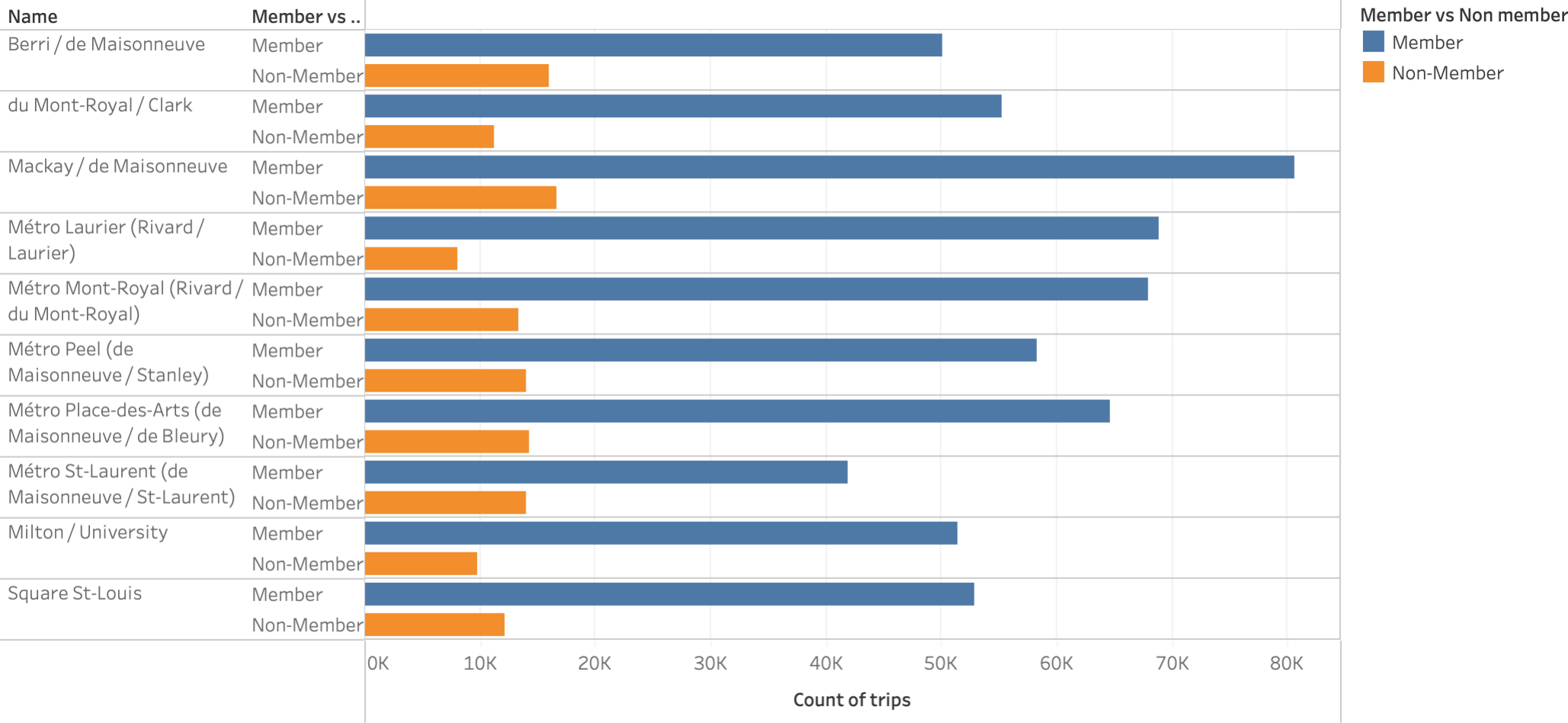
Count of trips for each Member vs Non member broken down by Name. Color shows details about Member vs Non member. The view is filtered on Name, which keeps 10 of 540 members.

Percentage Of Trips that occured in each Month per Year between 2016 &2017.

Start Date

2.28%
6.84%
6.54%
8.64%
8.15%
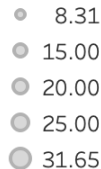7.36%
10.03%
7.84%
9.78%
7.23%
8.53%
4.57%
6.52%
1.75%

% of Total Count of trips

April May June July Augu.. Sept.. Octo.. Nove..

Average trip per station

Boucherville
Longueuil
and of
ntreal
Brossard
© Mapbox © OSM

Percentage of member trips 2017

Start Date

	2016							2017						

2016: 85.17% April, 80.88% June, 76.87% July, 77.39% August, 82.02% Septe.., 87.47% Octob.., November

2017: 83.52% April, 80.81% June, 76.43% July, 78.11% August, 82.58% Septe.., 86.41% Octob.., 92.46% Nove..

Percentage member trips

April May June July August Septe.. Octob.. Nove..   April May June July August Septe.. Octob.. Nove..