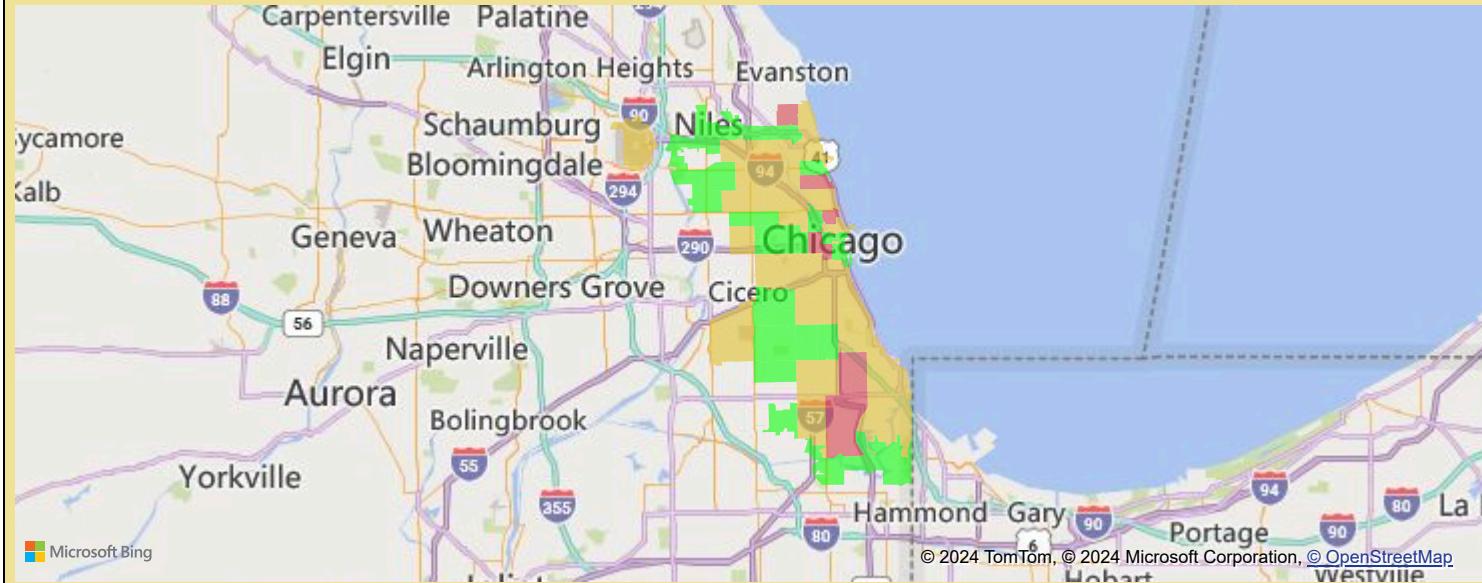


# ZIP and Forecasted Covid Severity for next week

Based on number of taxi trips and number of positive cases

Forecasted Severity ● High ● Low ● Medium



Week Start

- 01-03-2020 05:30:00
- 08-03-2020 05:30:00
- 15-03-2020 05:30:00
- 22-03-2020 05:30:00
- 29-03-2020 05:30:00
- 05-04-2020 05:30:00
- 12-04-2020 05:30:00
- 19-04-2020 05:30:00
- 26-04-2020 05:30:00
- 03-05-2020 05:30:00
- 10-05-2020 05:30:00
- 17-05-2020 05:30:00

#ZIP with High severity forecast

6

#ZIP with Medium severity forecast

28

#ZIP with low severity forecast

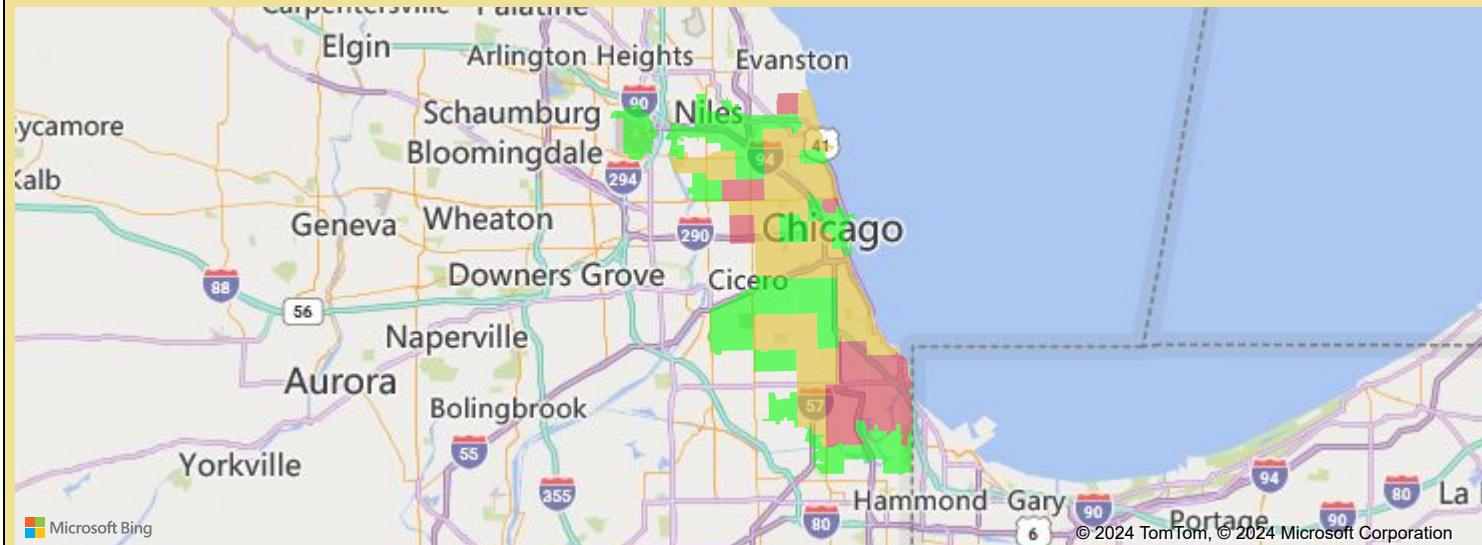
25

#ZIP codes Alerts sent to

10

# ZIP and Actual Severity

Severity ● High ● Low ● Medium

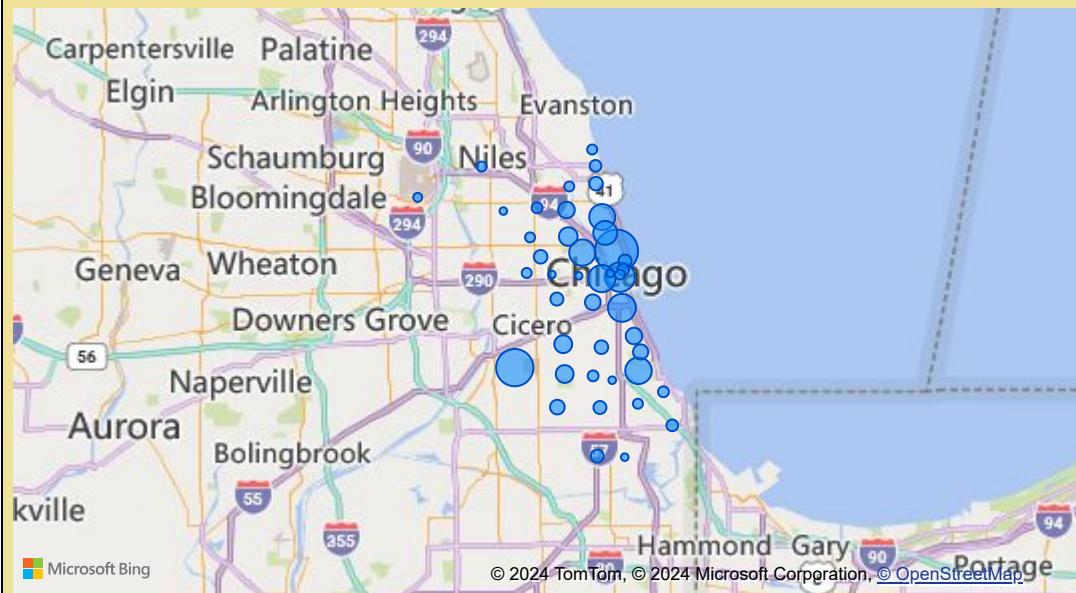


# ZIP and alert based on rising severity

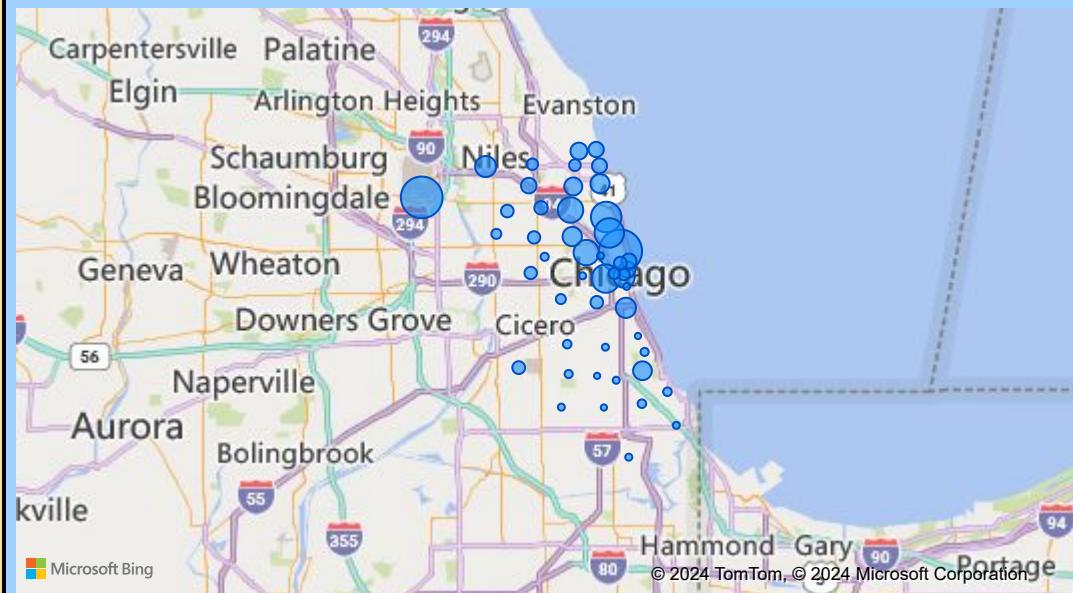
alert ● 0 ● 1



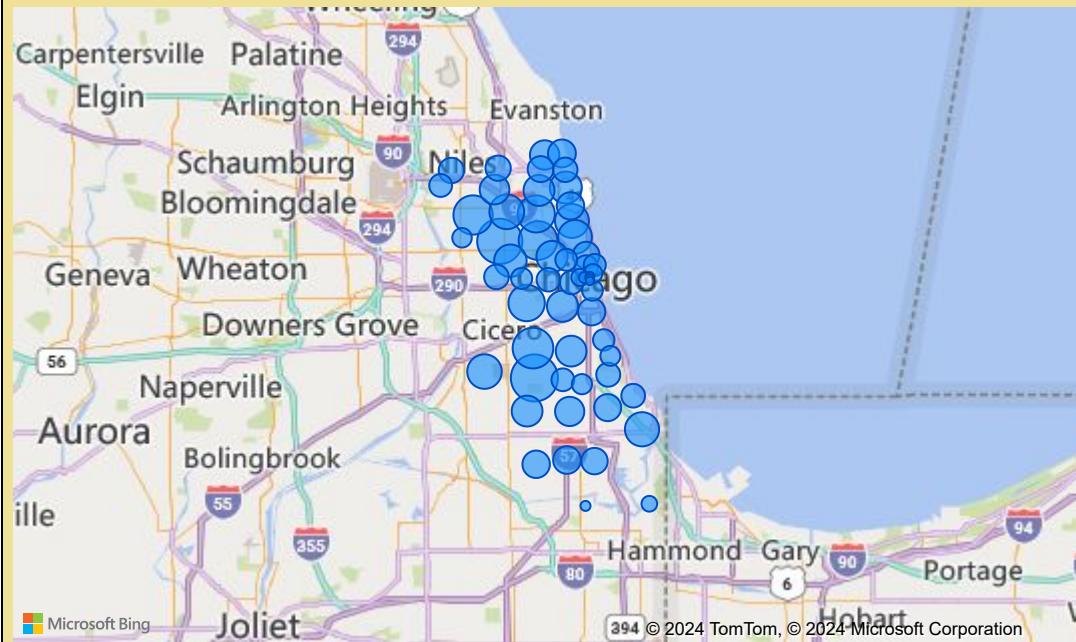
### Total Trip Count from Airport to Zip Code by ZIP from MidWay



### Total Trip Count from Airport to Zip Code by ZIP from O'Hare



### Total Weekly Positive Cases by ZIP from MidWay



### Total Weekly Positive Cases by ZIP from O'Hare

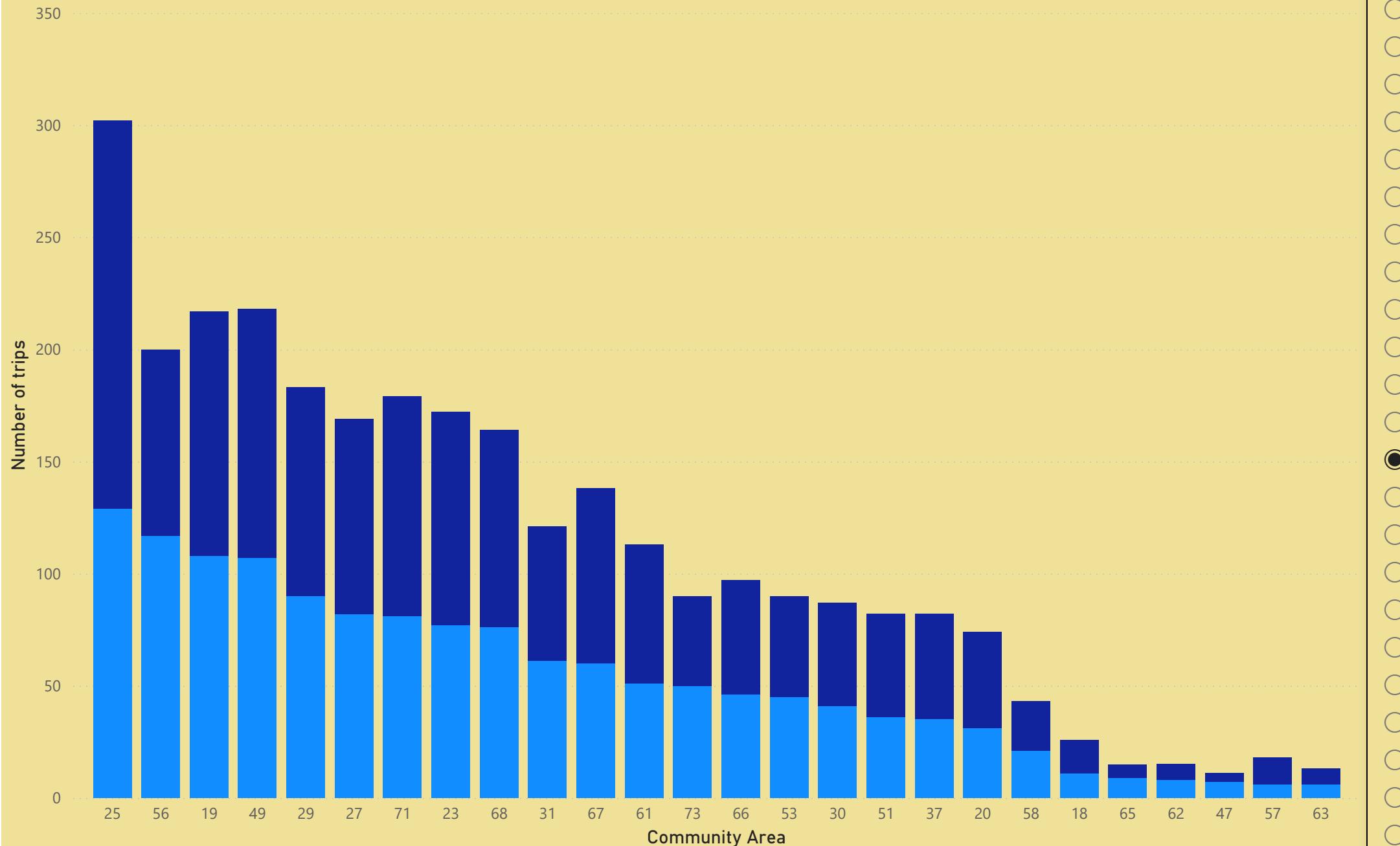


Week Number

- WEEK-10-2020
- WEEK-10-2021
- WEEK-10-2022
- WEEK-10-2023
- WEEK-10-2024
- WEEK-11-2020
- WEEK-11-2021
- WEEK-11-2022
- WEEK-11-2023
- WEEK-11-2024
- WEEK-1-2021
- WEEK-1-2022
- WEEK-1-2024
- WEEK-12-2020
- WEEK-12-2021
- WEEK-12-2022
- WEEK-12-2023
- WEEK-12-2024
- WEEK-13-2020
- WEEK-13-2021
- WEEK-13-2022
- WEEK-13-2023
- WEEK-13-2024
- WEEK-14-2020

# Trips From & To Community Area with CCVI High

● Sum of Number of Trips From Community Area ● Sum of Number of Trips To Community Area



Week Start
29-12-2019 05:30:00
05-01-2020 05:30:00
12-01-2020 05:30:00
19-01-2020 05:30:00
26-01-2020 05:30:00
02-02-2020 05:30:00
09-02-2020 05:30:00
16-02-2020 05:30:00
23-02-2020 05:30:00
01-03-2020 05:30:00
08-03-2020 05:30:00
15-03-2020 05:30:00
22-03-2020 05:30:00
29-03-2020 05:30:00
05-04-2020 05:30:00
12-04-2020 05:30:00
19-04-2020 05:30:00
26-04-2020 05:30:00
03-05-2020 05:30:00
10-05-2020 05:30:00
17-05-2020 05:30:00
24-05-2020 05:30:00
31-05-2020 05:30:00
07-06-2020 05:30:00

# Trips From & To Community Area for CCVI High (Timeline)

● Sum of Number of Trips From Community Area ● Sum of Number of Trips To Community Area

400

300

Number of trips

100

0

2020

2021

2022

2023

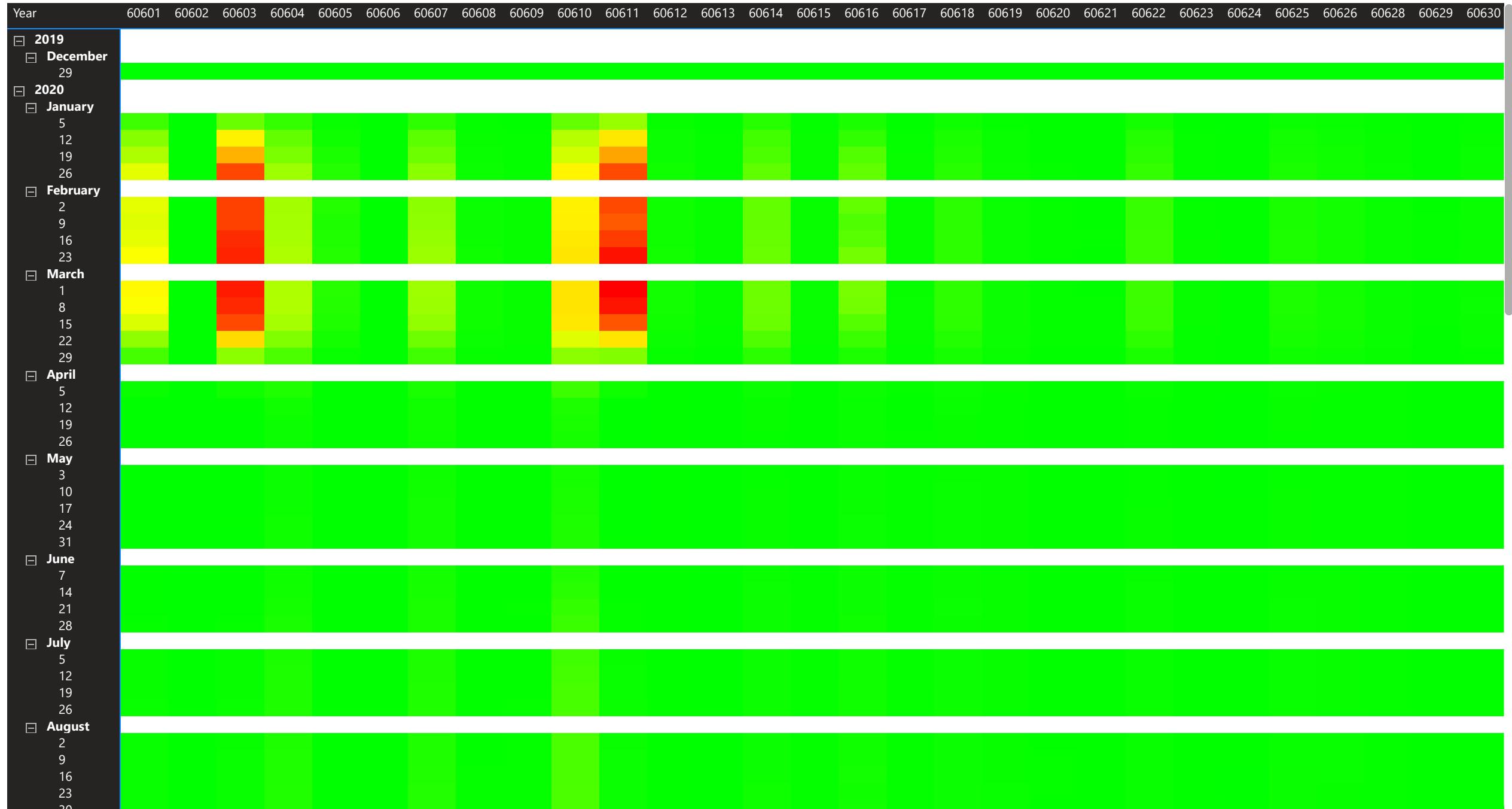
2024

Year

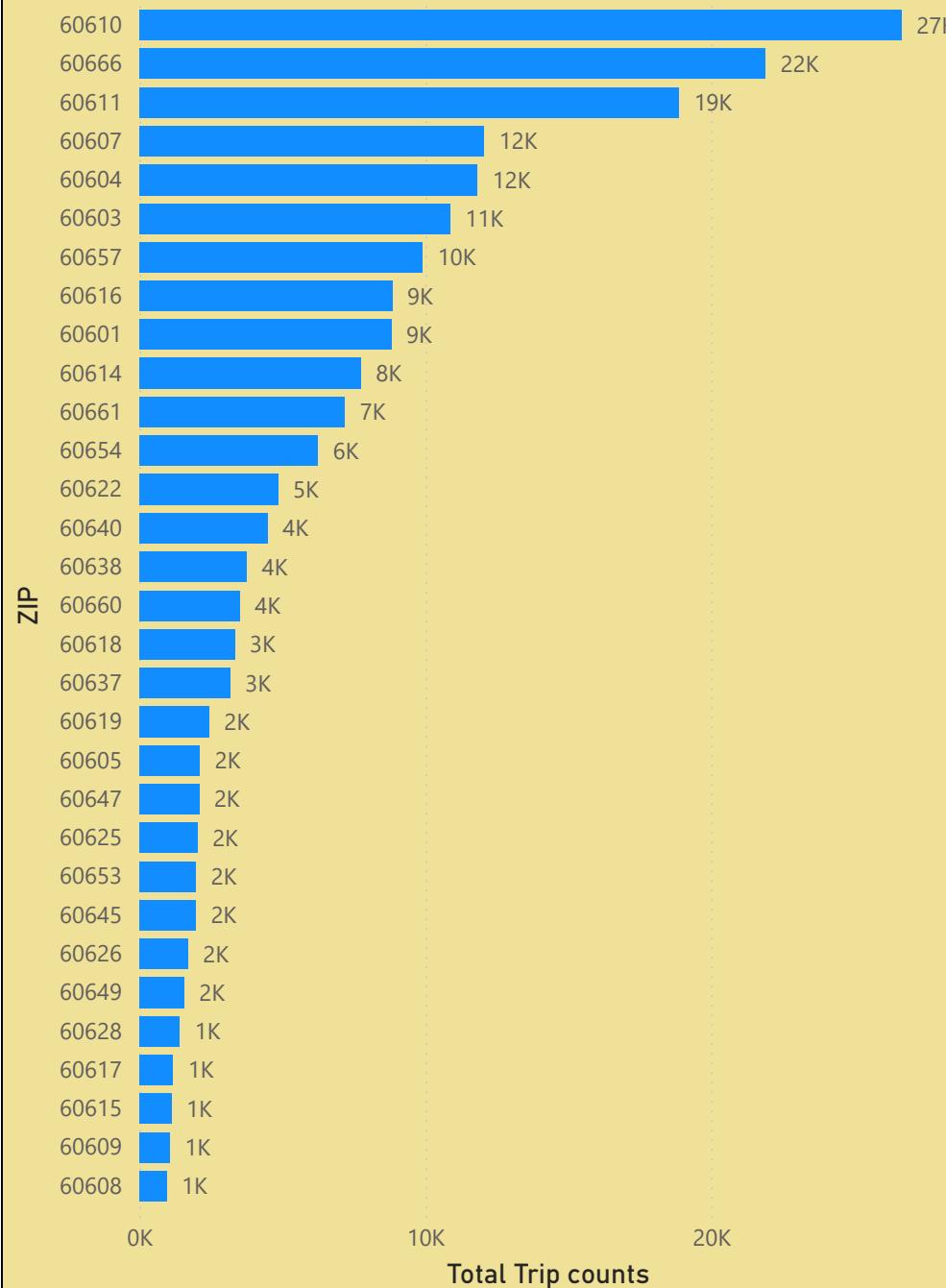
Community Area

- 18
- 19
- 20
- 23
- 25
- 27
- 29
- 30
- 31
- 37
- 47
- 49
- 51
- 53
- 56
- 57
- 58
- 61
- 62
- 63
- 65
- 66
- 67
- 68

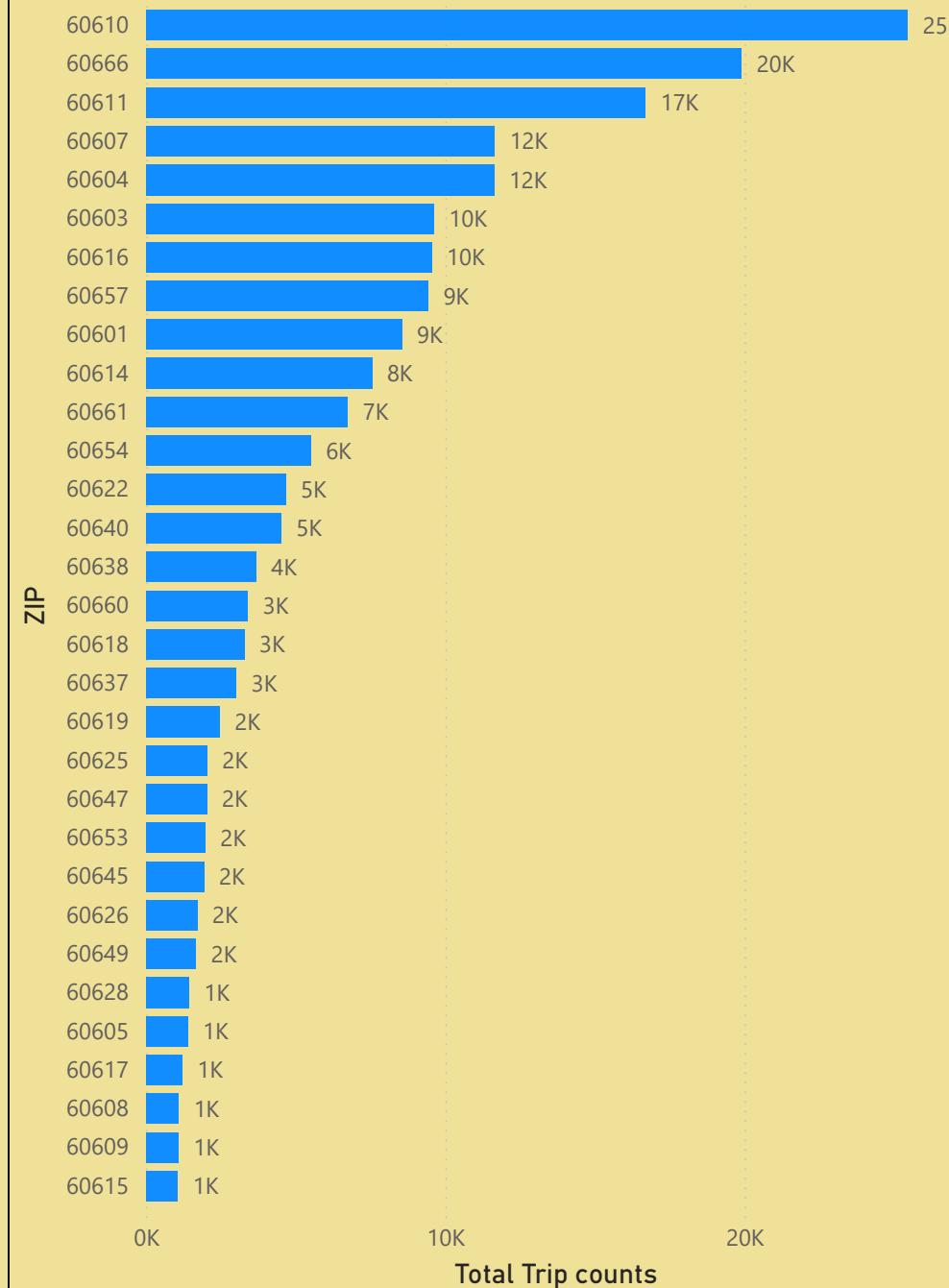
# ZIP wise Weekly Traffic pattern



## Total Trip Count by ZIP per week



## Forecasted Trip Count by ZIP per week



## Week Number

- WEEK-10-2020
- WEEK-10-2021
- WEEK-10-2022
- WEEK-10-2023
- WEEK-10-2024
- WEEK-11-2020
- WEEK-11-2021
- WEEK-11-2022
- WEEK-11-2023
- WEEK-11-2024
- WEEK-1-2019
- WEEK-1-2021
- WEEK-1-2022
- WEEK-1-2023
- WEEK-1-2024
- WEEK-12-2020
- WEEK-12-2021
- WEEK-12-2022
- WEEK-12-2023
- WEEK-12-2024
- WEEK-13-2020
- WEEK-13-2021
- WEEK-13-2022
- WEEK-13-2023

## Total Trip Count timeline per ZIP

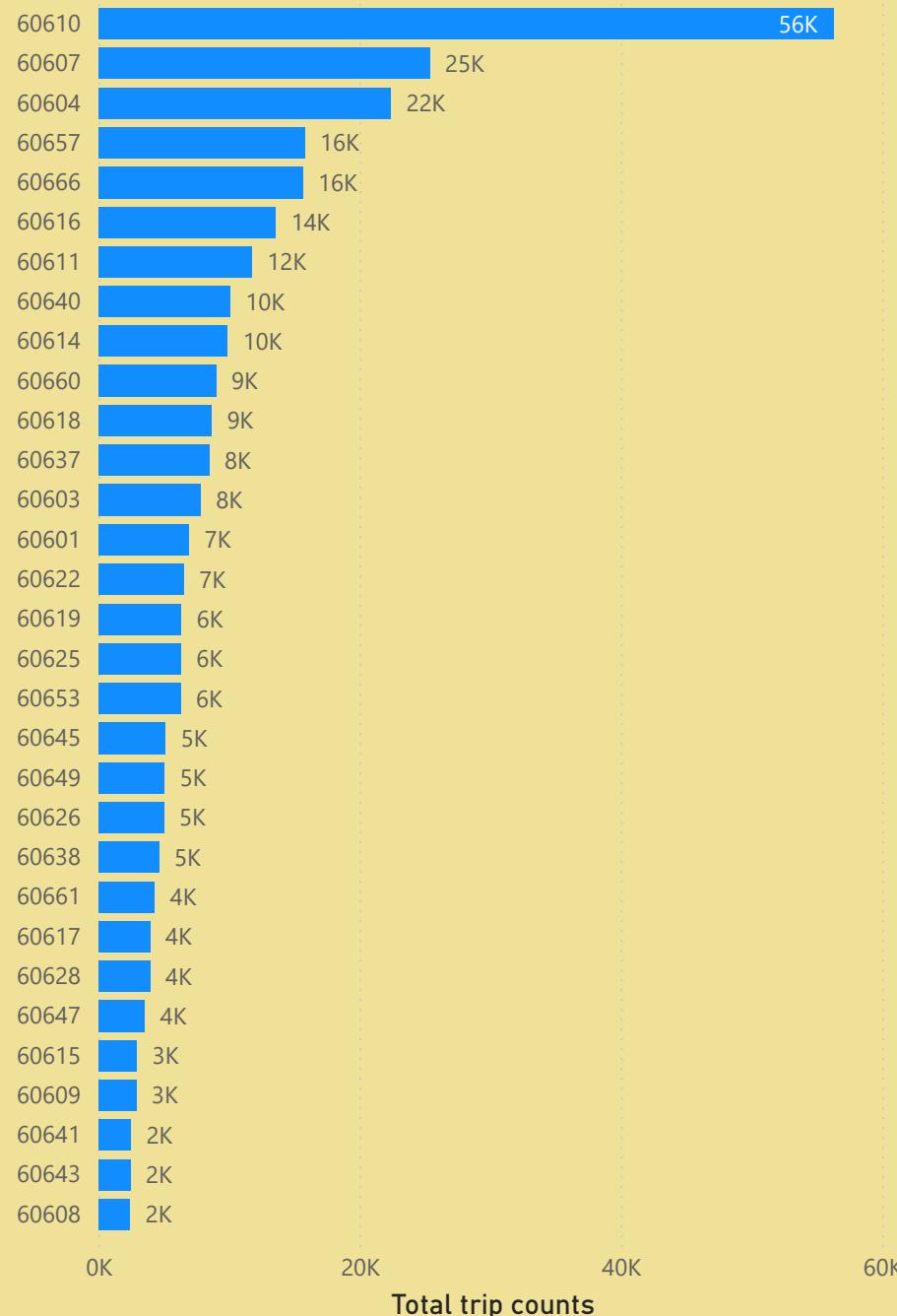


## Forecasted Trip Count timeline per ZIP

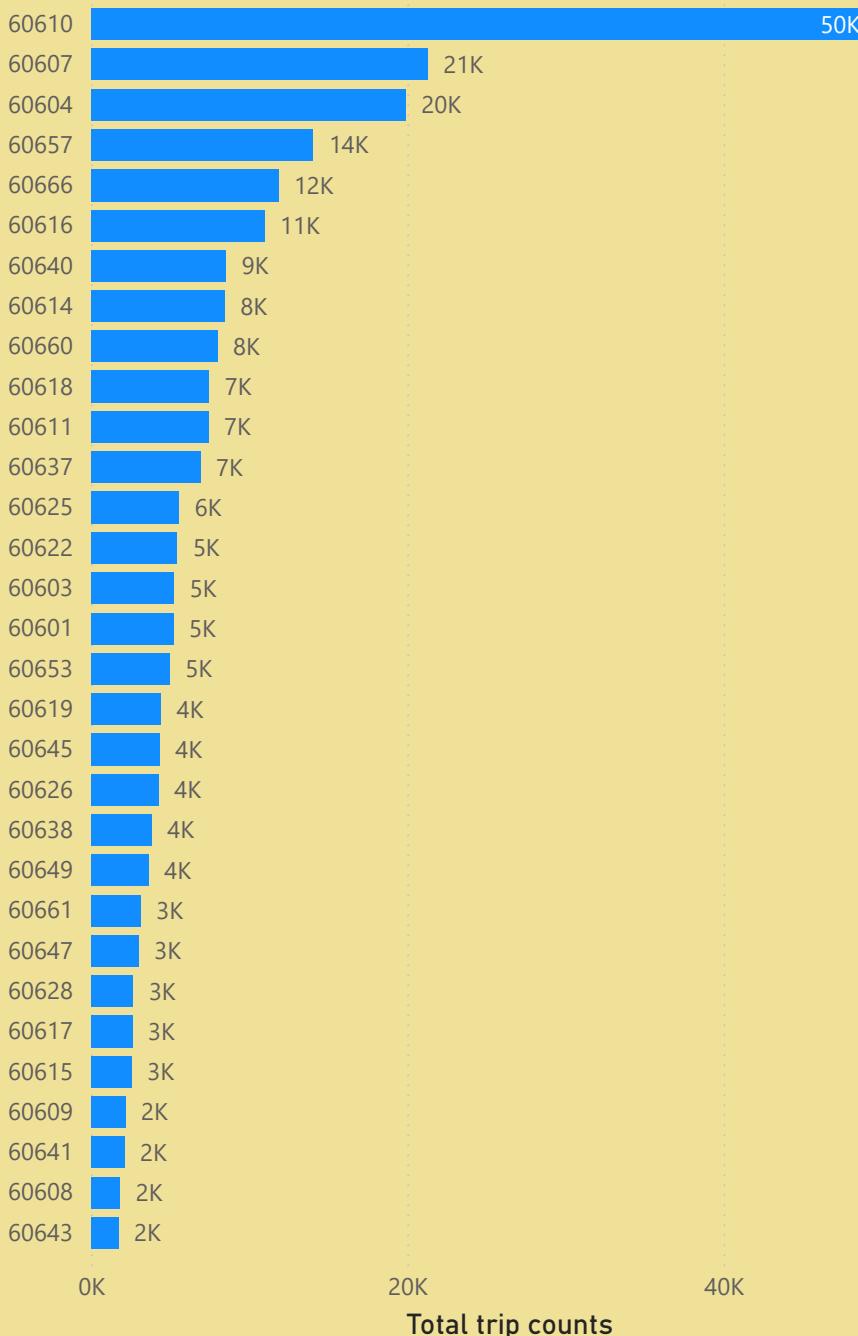


## ZIP wise monthly traffic pattern

## Total Trip Count by ZIP per month



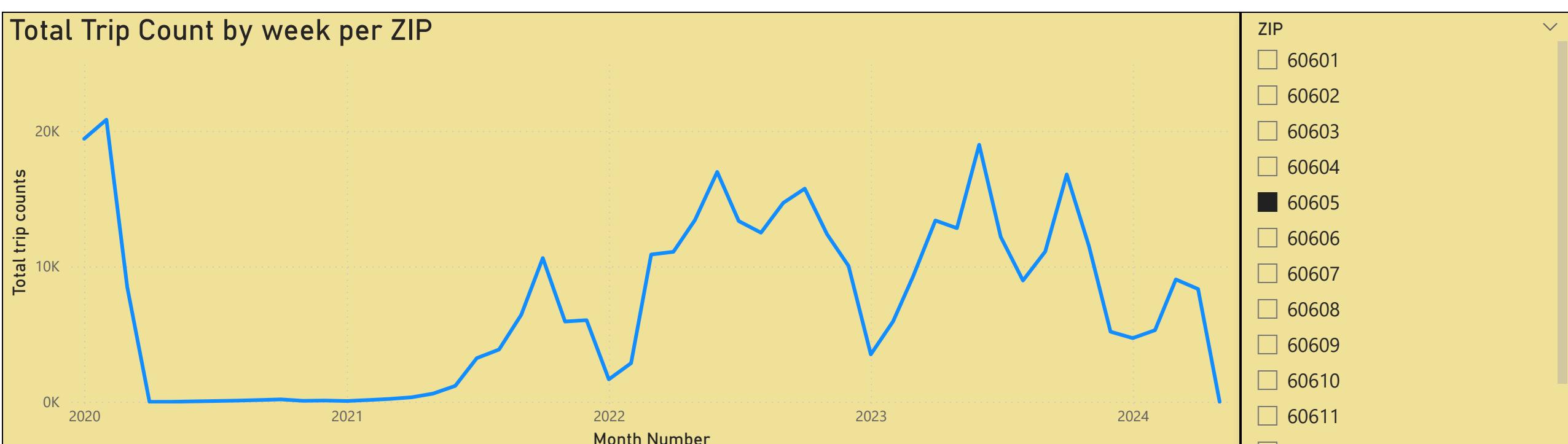
## Forecasted Trip Count by ZIP per month



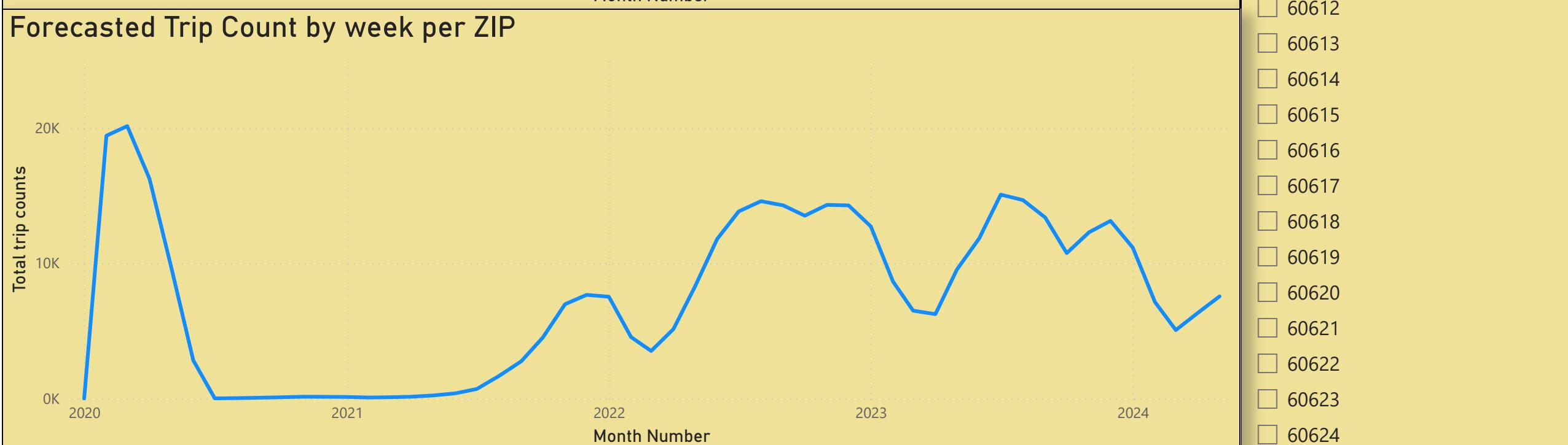
## Month Start

- 01 January 2020
- 01 February 2020
- 01 March 2020
- 01 April 2020
- 01 May 2020
- 01 June 2020
- 01 July 2020
- 01 August 2020
- 01 September 2020
- 01 October 2020
- 01 November 2020
- 01 December 2020
- 01 January 2021
- 01 February 2021
- 01 March 2021
- 01 April 2021
- 01 May 2021
- 01 June 2021
- 01 July 2021
- 01 August 2021
- 01 September 2021
- 01 October 2021
- 01 November 2021
- 01 December 2021

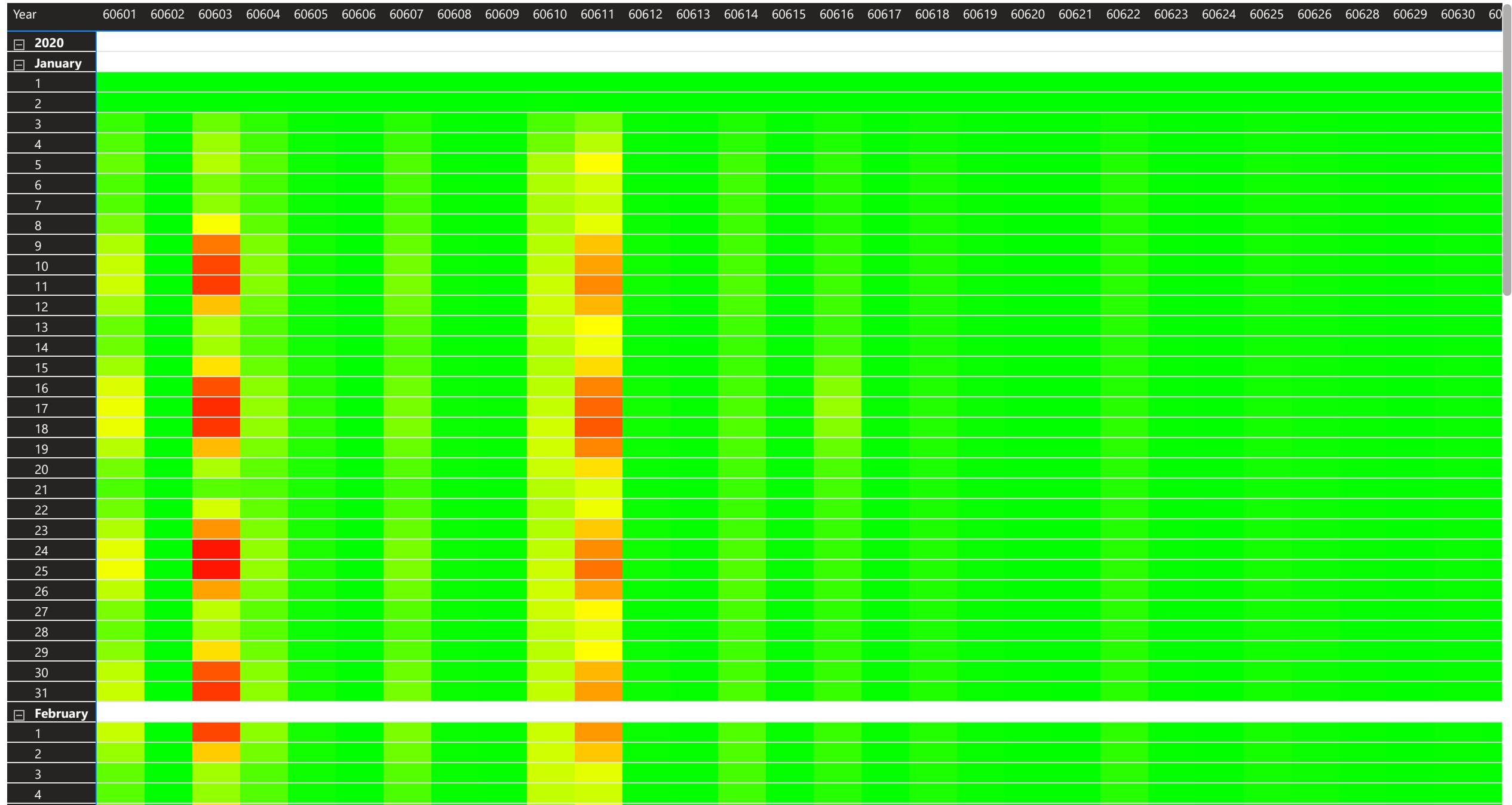
## Total Trip Count by week per ZIP



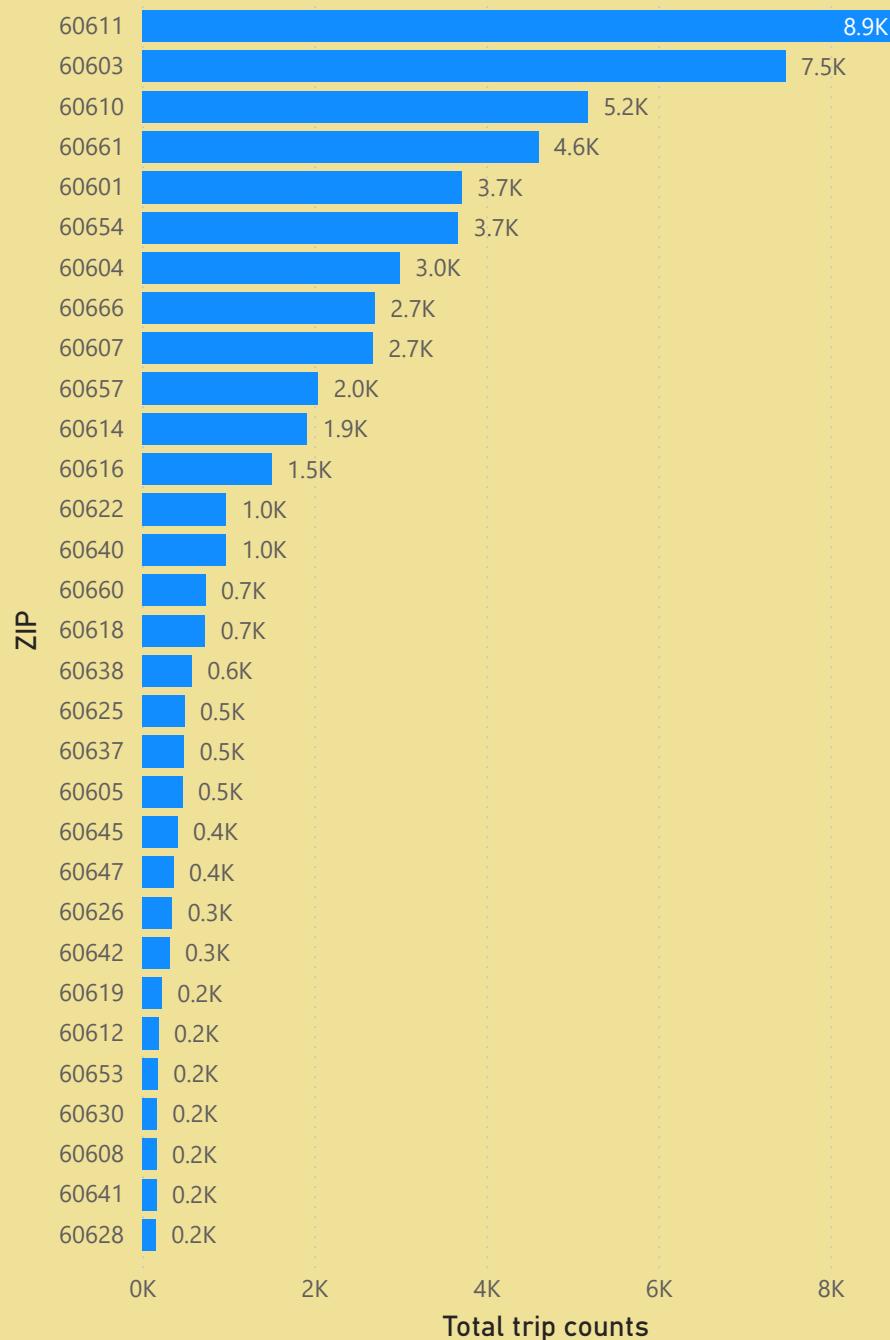
## Forecasted Trip Count by week per ZIP



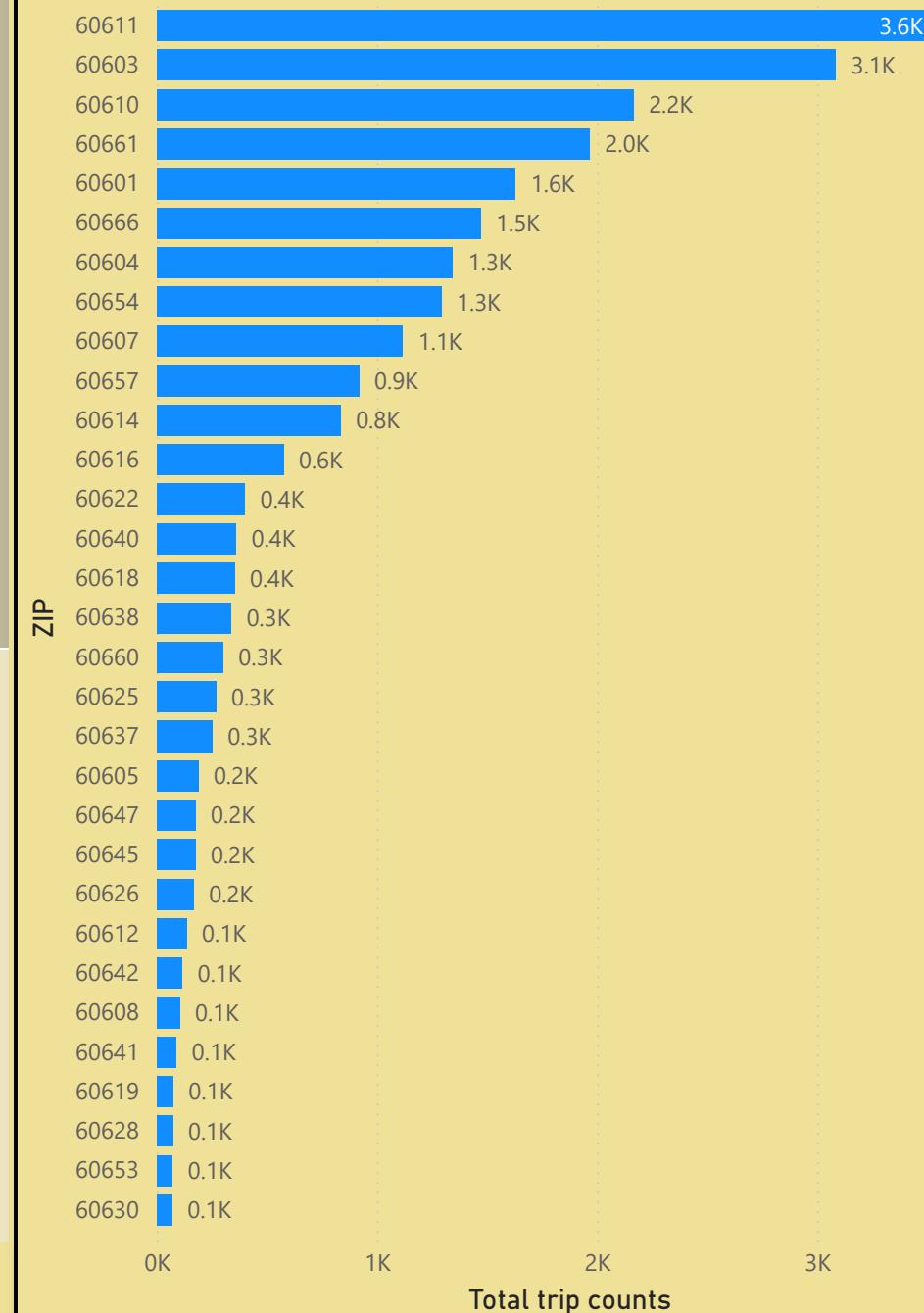
# ZIP wise Daily Traffic Pattern



## Total Trip Count by ZIP per day



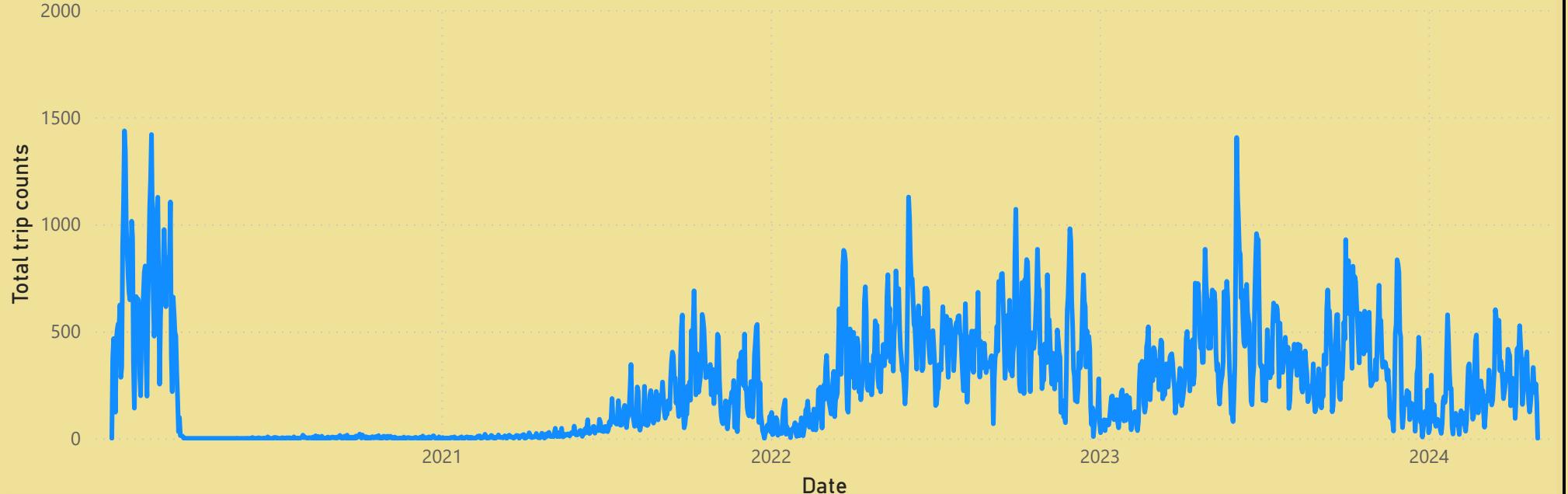
## Forecasted Trip Count by ZIP per day



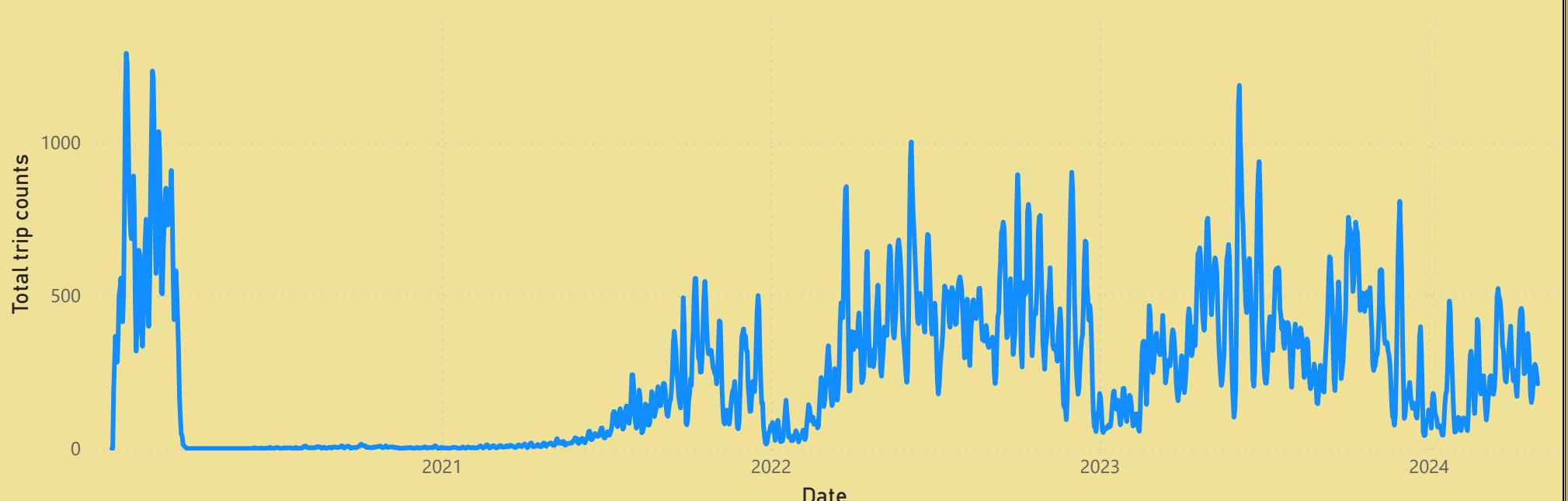
## Select day

- 01-01-2020 05:30:00
- 02-01-2020 05:30:00
- 03-01-2020 05:30:00
- 04-01-2020 05:30:00
- 05-01-2020 05:30:00
- 06-01-2020 05:30:00
- 07-01-2020 05:30:00
- 08-01-2020 05:30:00
- 09-01-2020 05:30:00
- 10-01-2020 05:30:00
- 11-01-2020 05:30:00
- 12-01-2020 05:30:00
- 13-01-2020 05:30:00
- 14-01-2020 05:30:00
- 15-01-2020 05:30:00
- 16-01-2020 05:30:00
- 17-01-2020 05:30:00
- 18-01-2020 05:30:00
- 19-01-2020 05:30:00
- 20-01-2020 05:30:00
- 21-01-2020 05:30:00
- 22-01-2020 05:30:00
- 23-01-2020 05:30:00
- 24-01-2020 05:30:00

## Total Trip Count by daily per ZIP



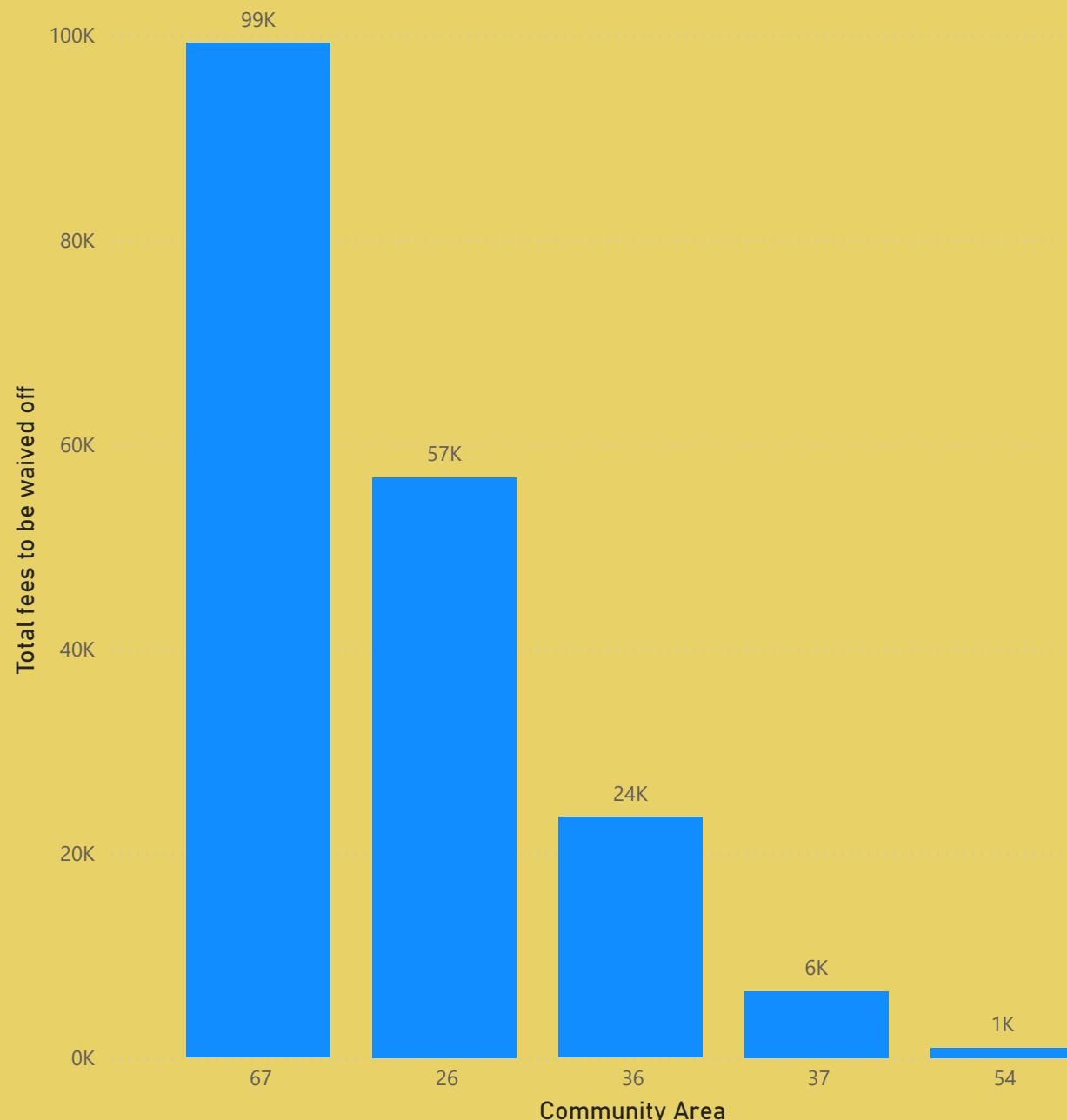
## Forecasted Trip Count by daily per ZIP



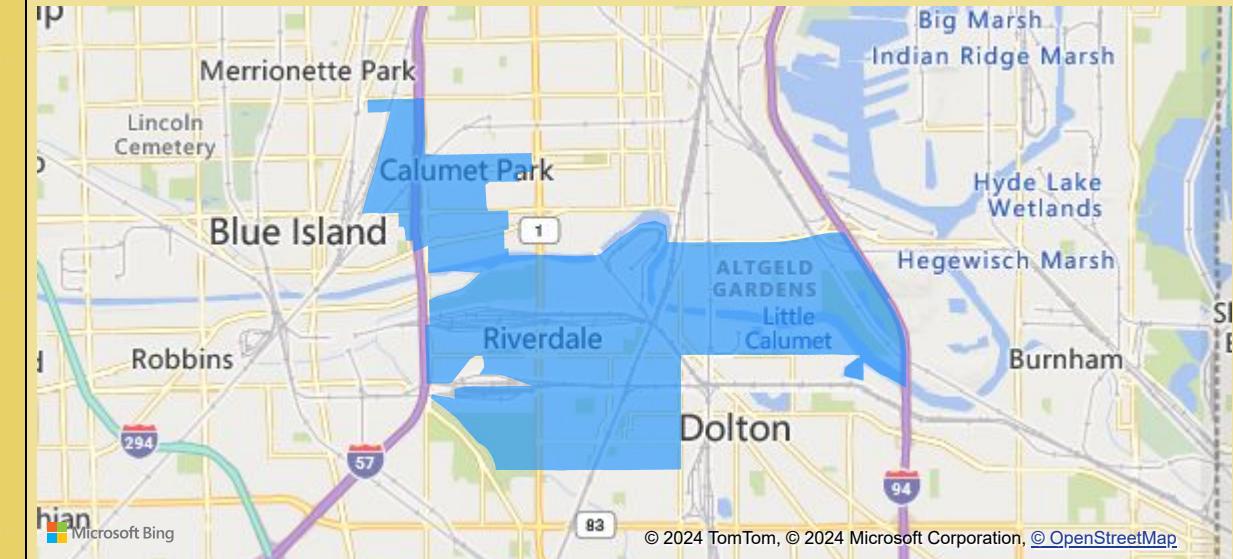
ZIP
60601
60602
60603
60604
60605
60606
60607
60608
60609
60610
60611
60612
60613
60614
60615
60616
60617
60618
60619
60620
60621
60622
60623
60624

## REPORT 5 : Total fees to be Waived by Community Area

Amount in USD for top 5 identified community area



## Report 6: ZIP code with lowest number of new construction applicants



## Report 6: ZIP code with lowest number of New Construction applications

Filters : Permit type : PERMIT - NEW CONSTRUCTION & Per capita < 30k

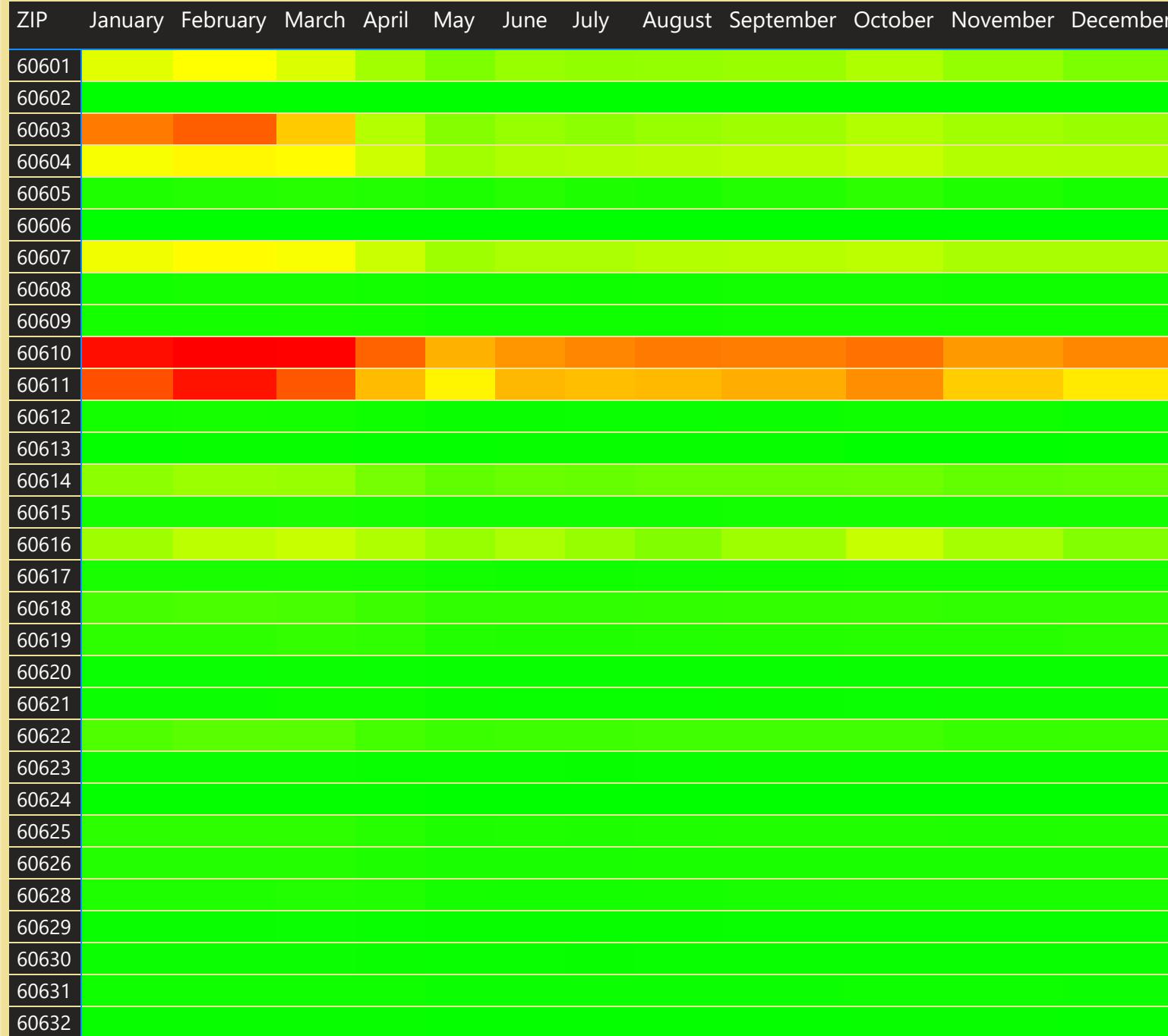
**60827**

## List of potential Applicants

Permit ID - ELIGIBLE FOR LOAN

Permit ID - ELIGIBLE FOR LOAN
1778386
1784260
1794830
1802998
1953053
2170995
2875618
2894844
3261390
3346521

## Heatmap of Monthly Traffic pattern



## Sum of Total Trip Count by Month

