

# COVID-19 MOBILITY INDICATORS

## SUMMARY REPORT

Prepared by Transportation Planning – January 19, 2022



### TRAFFIC VOLUMES

↓ **11%**

Down by **12%** since November 2021

Daily traffic volumes for the Macdonald and MacKay bridges. Comparing December 2021 to December 2019. Bridge traffic data provided by Halifax Harbour Bridges.

↓ **11%** AM PEAK

↓ **7%** PM PEAK

↓ **10%** OFF PEAK



### TOTAL WEEKDAY BOARDINGS

↓ **43%**

Down by **23%** since November 2021

Comparing average in December 2021 to December 2019.

### BOARDINGS PER HOUR

↓ **39%**

Down by **21%** since November 2021

Boardings per hour were down from 31 in December 2019 to 19 in December 2021.



### PEDESTRIAN VOLUMES

↓ **31%**

Down by **20%** since November 2021

Average pedestrian volumes in Downtown Halifax. The data compares weekday counts in December 2021 to December 2019. Pedestrian data is provided by DHBC and Develop NS.

↓ **43%** ARGYLE

↓ **43%** GEORGE

↓ **39%** S. BARRINGTON

↓ **20%** UPPER WATER

↑ **1%** LOWER WATER



# PEDESTRIANS - WEEKDAY

## WEEKDAY SUMMARY

### Average Weekday Pedestrian Volumes

▲ **63%** Compared to December 2020

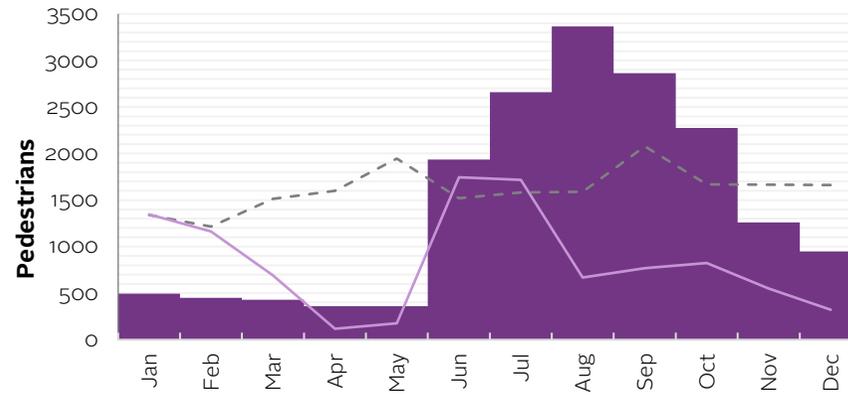
▼ **31%** Compared to December 2019

▼ **20%** Compared to previous month

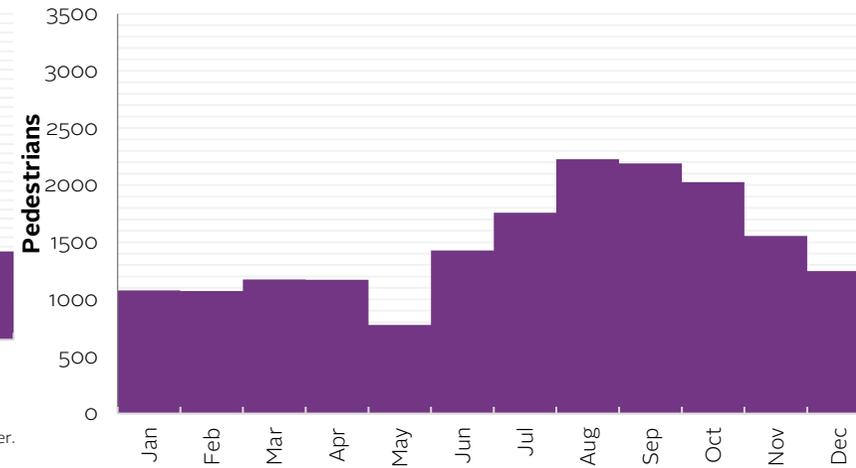
For the location of the counters, [view the eco-counter public webpage](#)

## AVERAGE WEEKDAY PEDESTRIAN VOLUMES IN DOWNTOWN HALIFAX

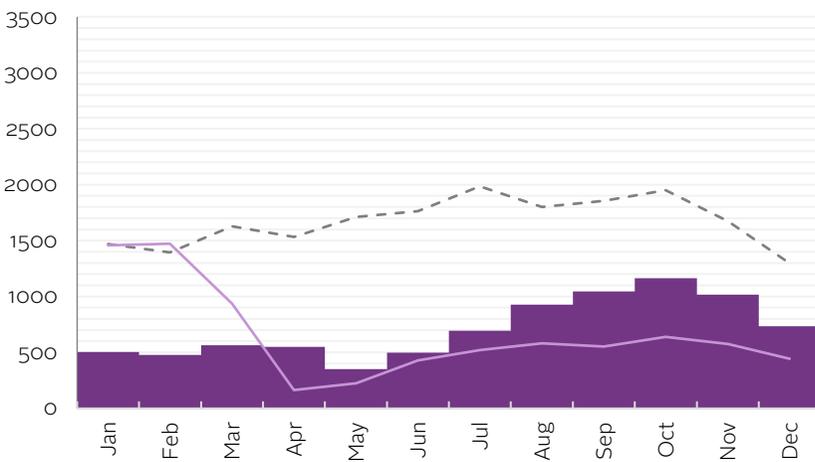
### ARGYLE STREET



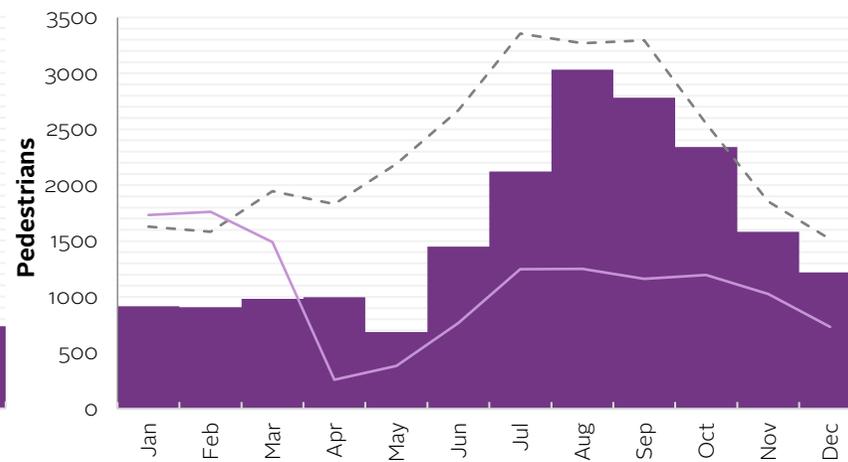
### BARRINGTON STREET AT CIVIC 1588



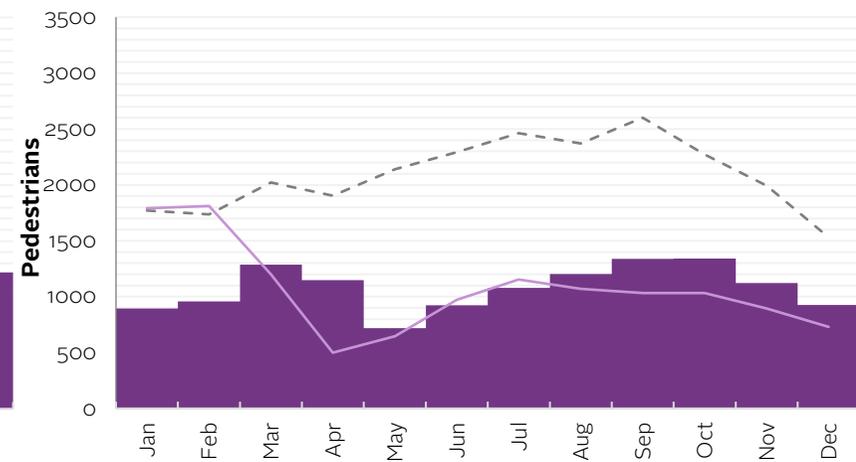
### GEORGE STREET



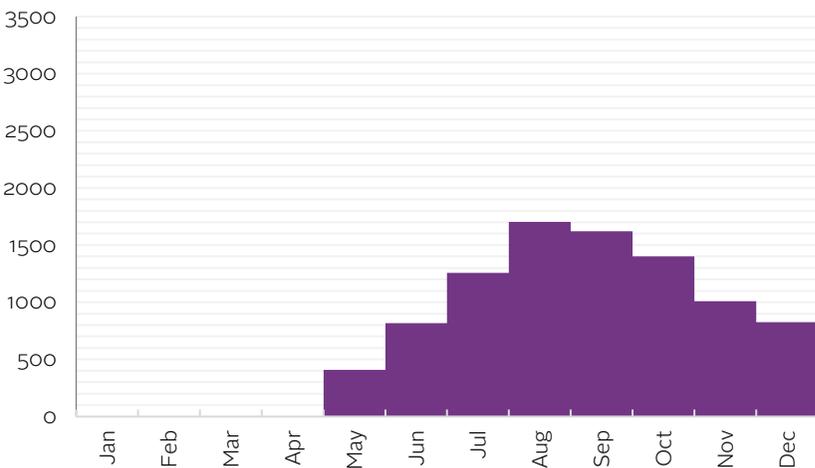
### NORTH OF UPPER WATER STREET



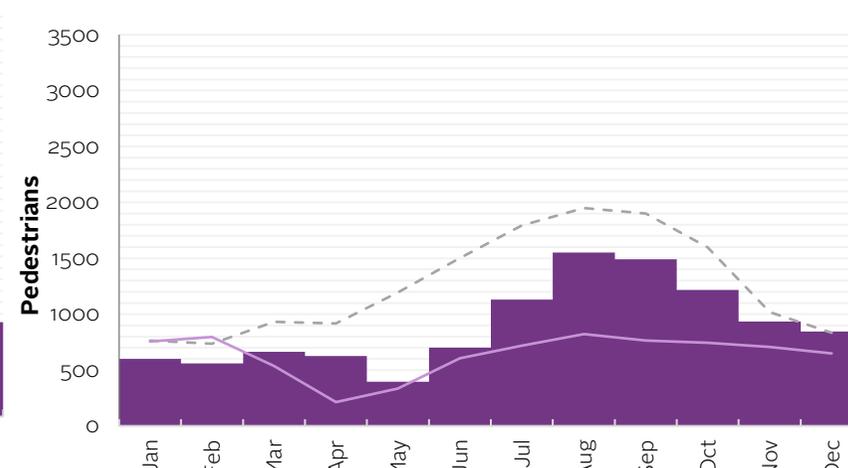
### SOUTH OF BARRINGTON STREET



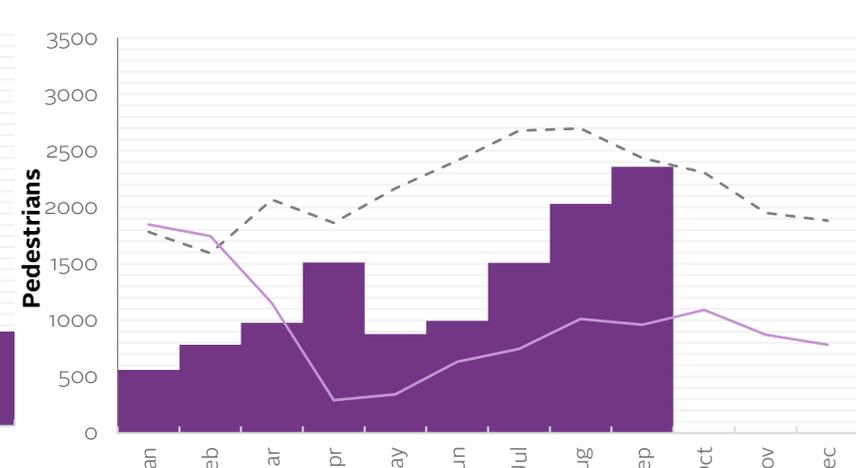
### SACKVILLE STREET



### SOUTH OF LOWER WATER STREET



### NORTH OF BARRINGTON STREET



■ 2021 Data    — 2020 Data    - - - 2019 Data

Note: excluded Oct/Nov/Dec 2021 data as the counter is currently not operational.



# PEDESTRIANS - WEEKDAY

## WEEKDAY SUMMARY

### Average Weekday Pedestrian Volumes

▲ **26%** Compared to December 2020

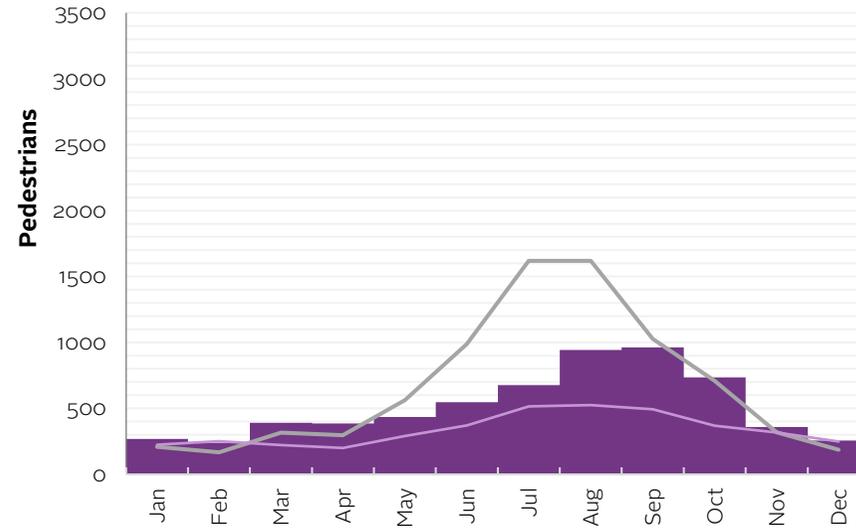
▲ **173%** Compared to December 2019

▲ **4%** Compared to previous month

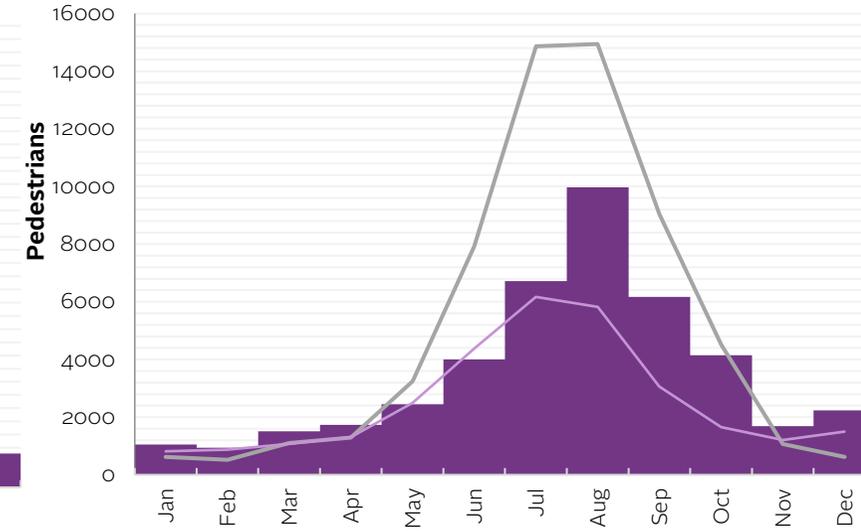
For the location of the counters, [view the eco-counter public webpage](#)

## AVERAGE WEEKDAY PEDESTRIAN VOLUMES AT THE HALIFAX WATERFRONT

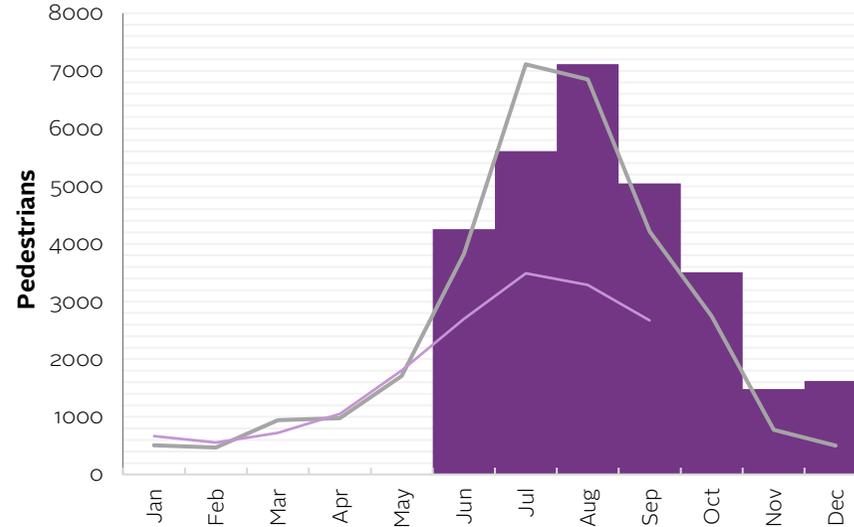
### BOARDWALK – CLOSE TO COWS ICECREAM



### SUMMIT BOARDWALK



### BISHOP'S LANDING BOARDWALK



2021 Data

2020 Data

2019 Data



# PEDESTRIANS - WEEKDAY



## WEEKDAY SUMMARY

### Average Weekday Pedestrian Volumes

▼ **26%** Compared to December 2020

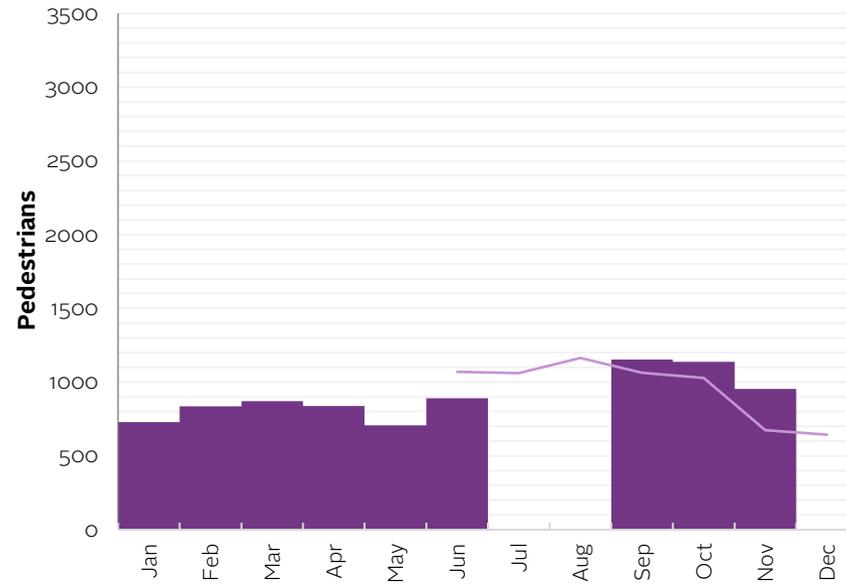
▼ **6%** Compared to previous month

For the location of the counters, [view the eco-counter public webpage](#)

Note: The Ochterloney St and Portland St counters malfunctioned for a short period of time which resulted in loss of data over July and August.

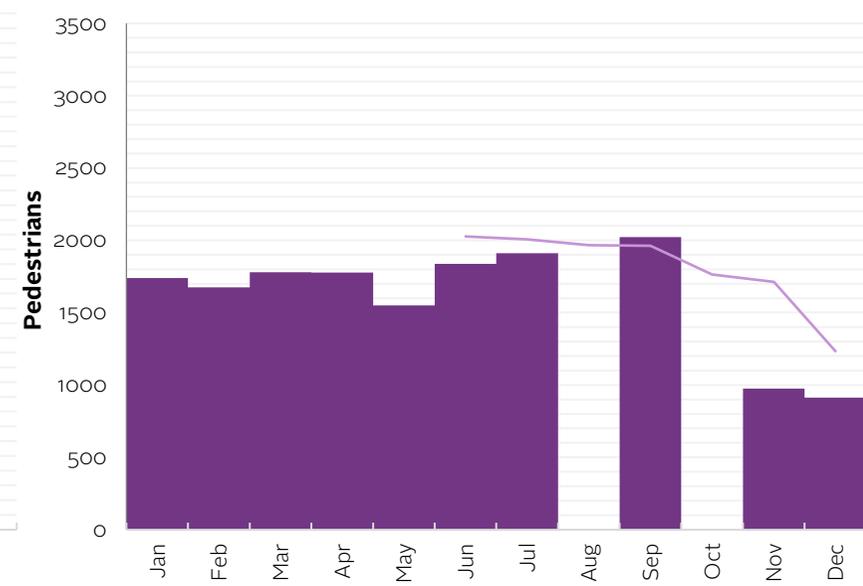
## AVERAGE WEEKDAY PEDESTRIAN VOLUMES IN DOWNTOWN DARTMOUTH

### OCHTERLONEY STREET



Note: December 2021 Data is not available.

### PORTLAND STREET



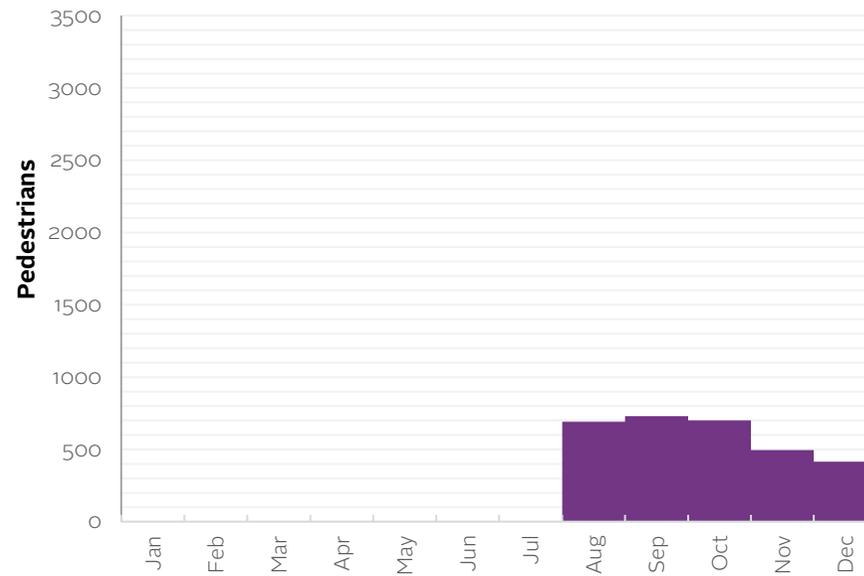
## WEEKDAY SUMMARY

### Average Weekday Pedestrian Volumes

▼ **16%** Compared to previous month

## AVERAGE WEEKDAY PEDESTRIAN VOLUMES ON THE DARTMOUTH HARBOURFRONT GREENWAY

### DARTMOUTH HARBOURFRONT GREENWAY



2021 Data    2020 Data    2019 Data



# PEDESTRIANS - WEEKEND

## WEEKEND SUMMARY

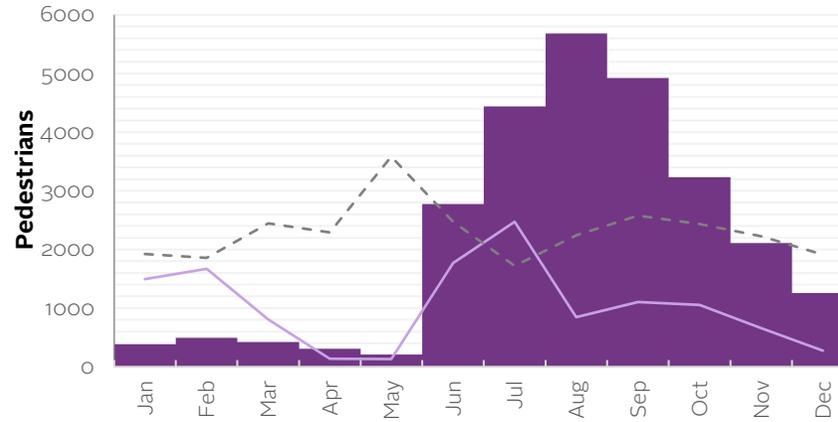
### Average Weekend Pedestrian Volumes

- ▲ 92%** Compared to December 2020
- ▼ 9%** Compared to December 2019
- ▼ 39%** Compared to previous month

For the location of the counters, [view the eco-counter public webpage](#)

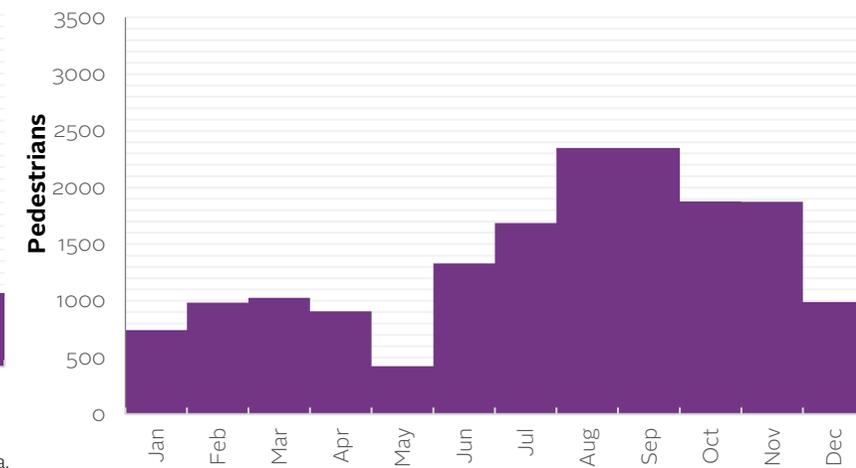
## AVERAGE WEEKEND PEDESTRIAN VOLUMES IN DOWNTOWN HALIFAX

### ARGYLE STREET

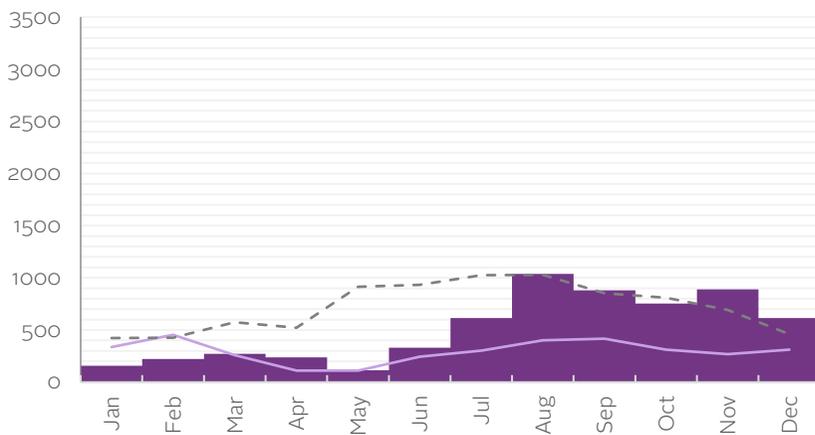


Note: a new counter was installed on Argyle St in May 2021 that captures a wider area than the previous counter. For that reason, the new data may not be perfectly comparable to historic data.

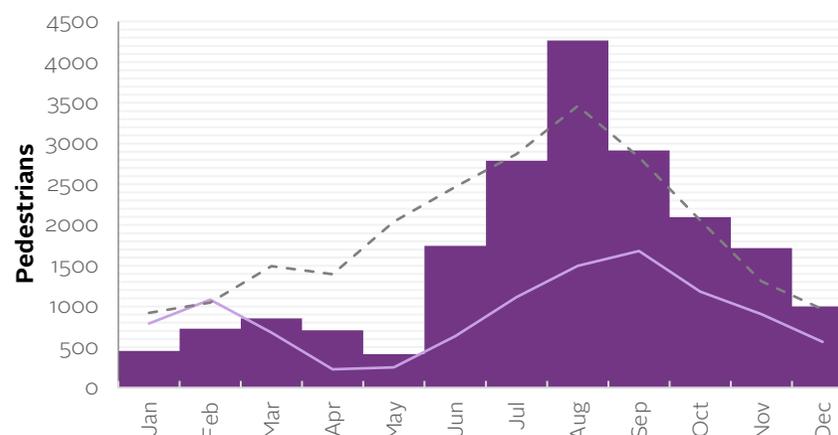
### BARRINGTON STREET AT CIVIC 1588



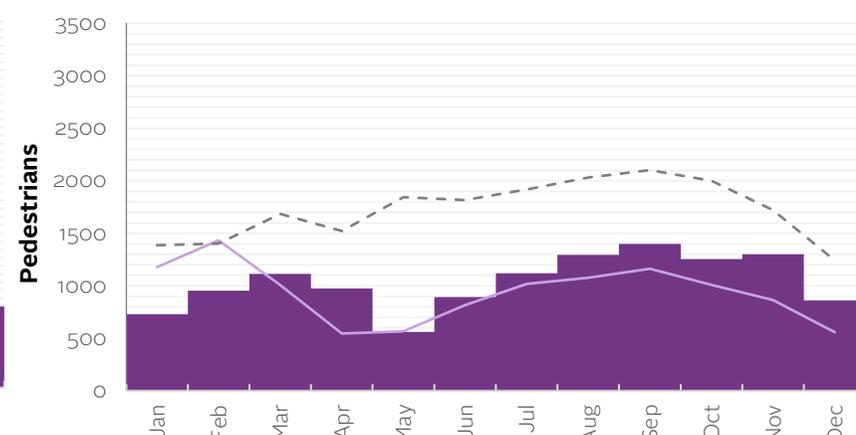
### GEORGE STREET



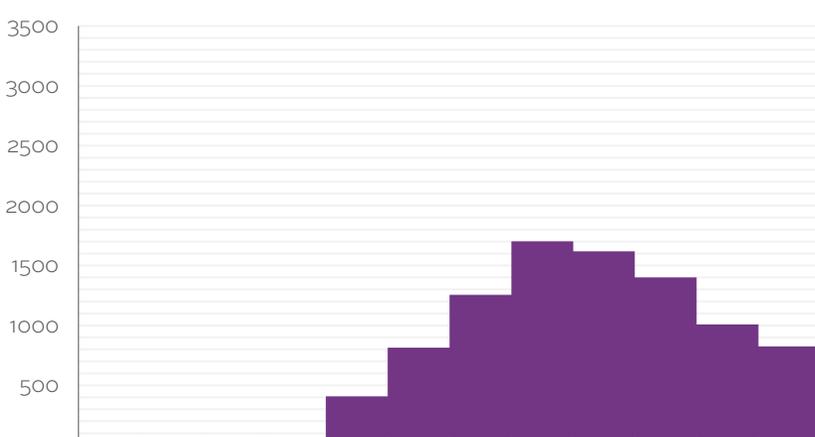
### NORTH OF UPPER WATER STREET



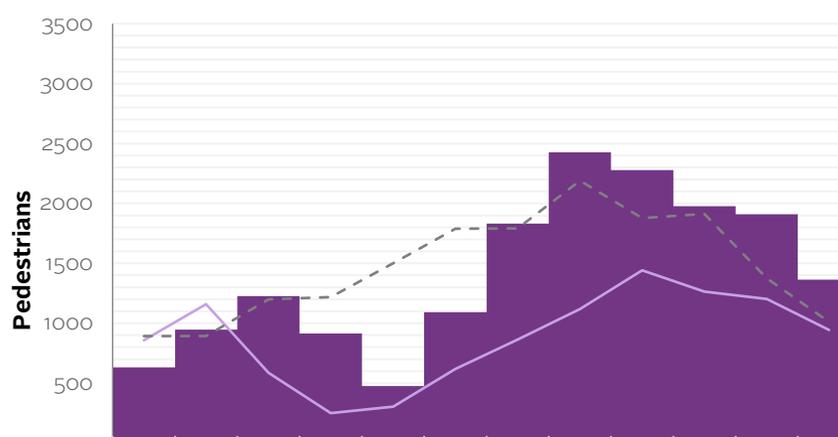
### SOUTH OF BARRINGTON STREET



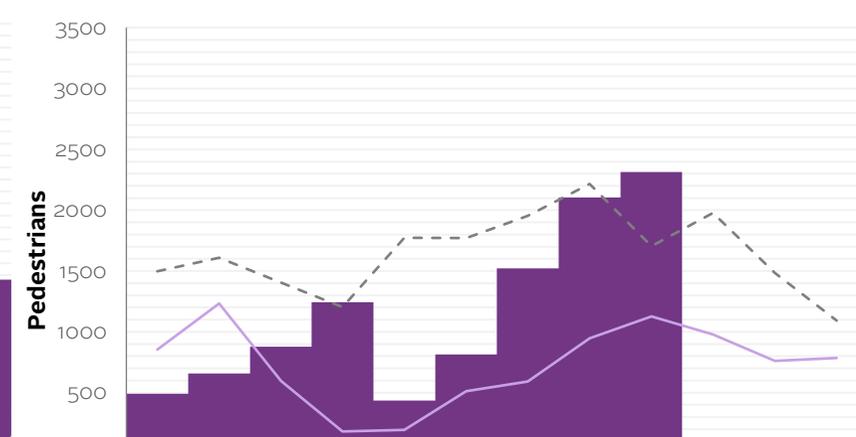
### SACKVILLE STREET



### SOUTH OF LOWER WATER STREET



### NORTH OF BARRINGTON STREET



Note: excluded Oct/Nov/Dec 2021 data as the counter is currently not operational.

2021 Data 2020 Data 2019 Data



# PEDESTRIANS - WEEKEND

## WEEKEND SUMMARY

### Average Weekend Pedestrian Volumes

▲ **23%** Compared to December 2020

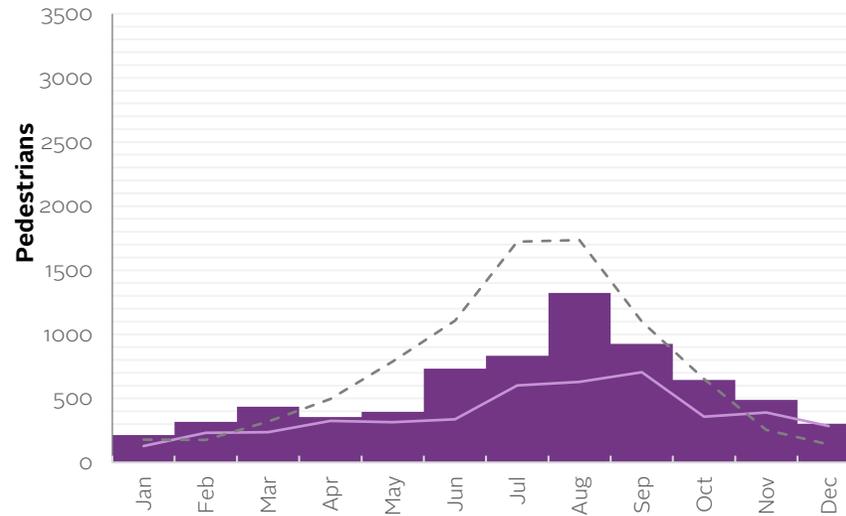
▲ **228%** Compared to December 2019

▼ **22%** Compared to previous month

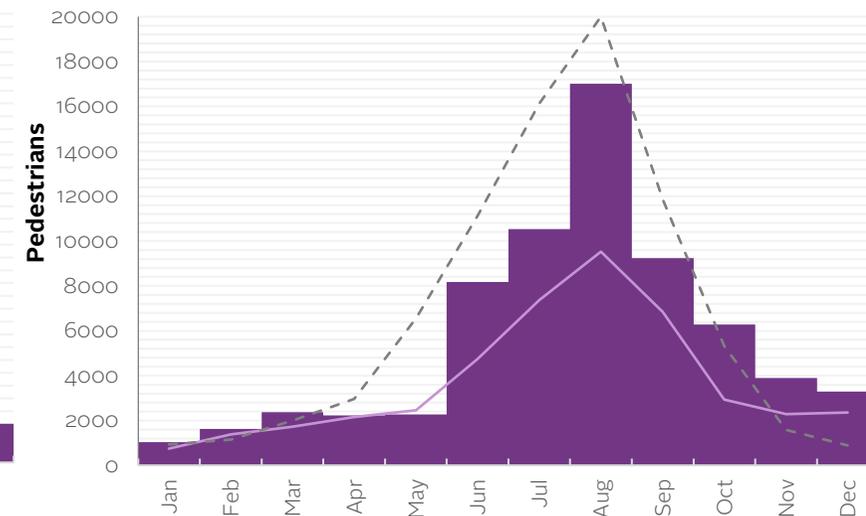
For the location of the counters, [view the eco-counter public webpage](#)

## AVERAGE WEEKEND PEDESTRIAN VOLUMES ON THE HALIFAX WATERFRONT

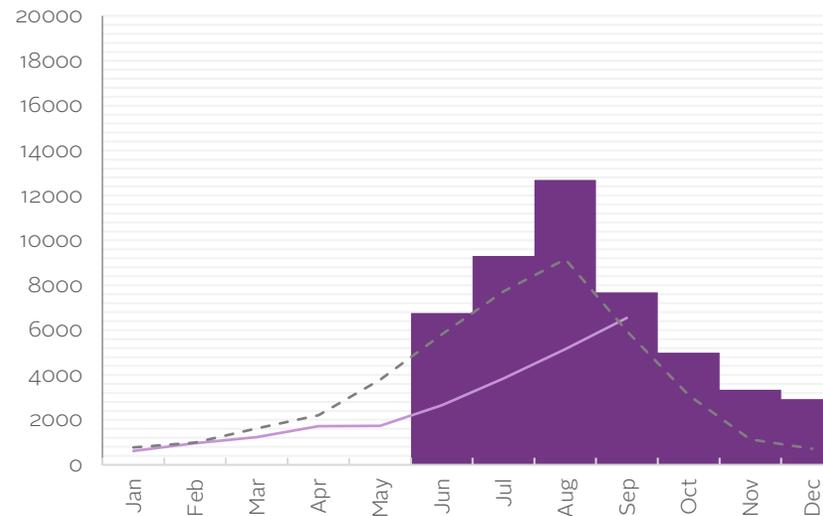
### BOARDWALK – CLOSE TO COWS ICECREAM



### SUMMIT BOARDWALK



### BISHOP'S LANDING BOARDWALK





# PEDESTRIANS - WEEKEND



## WEEKEND SUMMARY

### Average Weekend Pedestrian Volumes

▼ **29%** Compared to December 2020

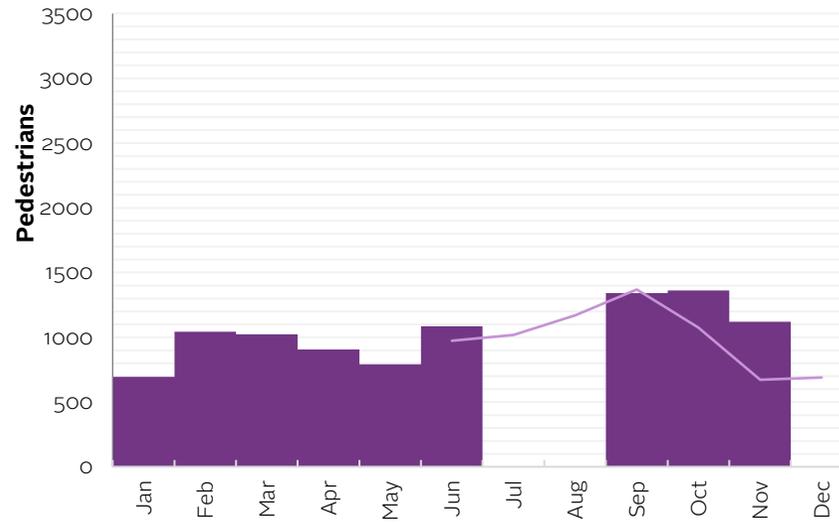
▼ **16%** Compared to previous month

For the location of the counters, [view the eco-counter public webpage](#)

Note: The Ochterloney St and Portland St counters malfunctioned for a short period of time which resulted in loss of data over July and August.

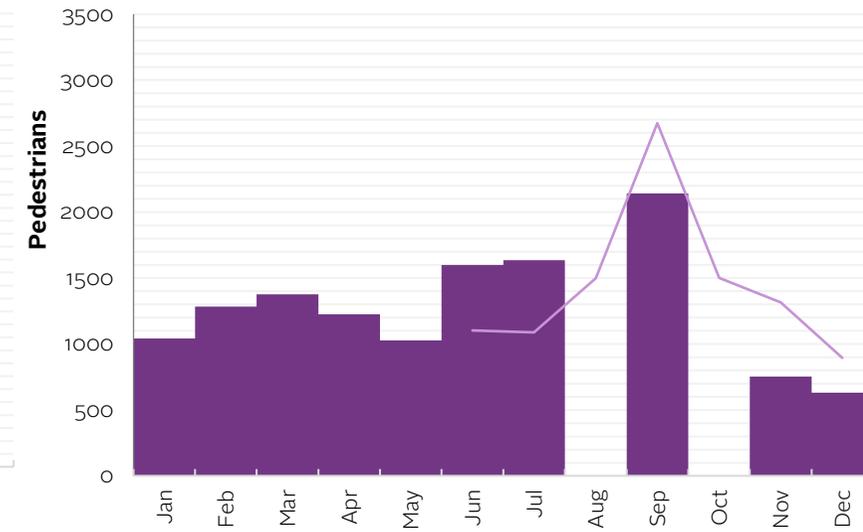
## AVERAGE WEEKEND PEDESTRIAN VOLUMES IN DOWNTOWN DARTMOUTH

### OCHTERLONEY STREET



Note: December 2021 data is not available

### PORTLAND STREET



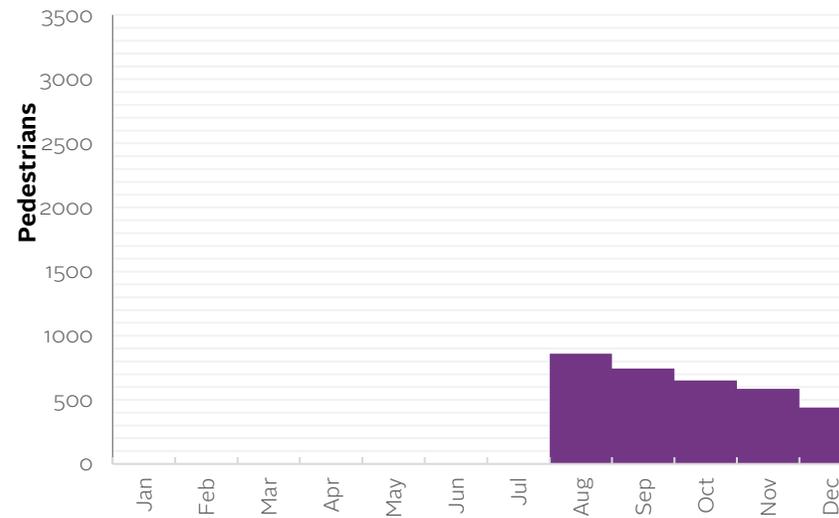
## WEEKEND SUMMARY

### Average Weekend Pedestrian Volumes

▼ **25%** Compared to previous month

## AVERAGE WEEKEND PEDESTRIAN VOLUMES ON THE DARTMOUTH HARBOURFRONT GREENWAY

### DARTMOUTH HARBOURFRONT GREENWAY



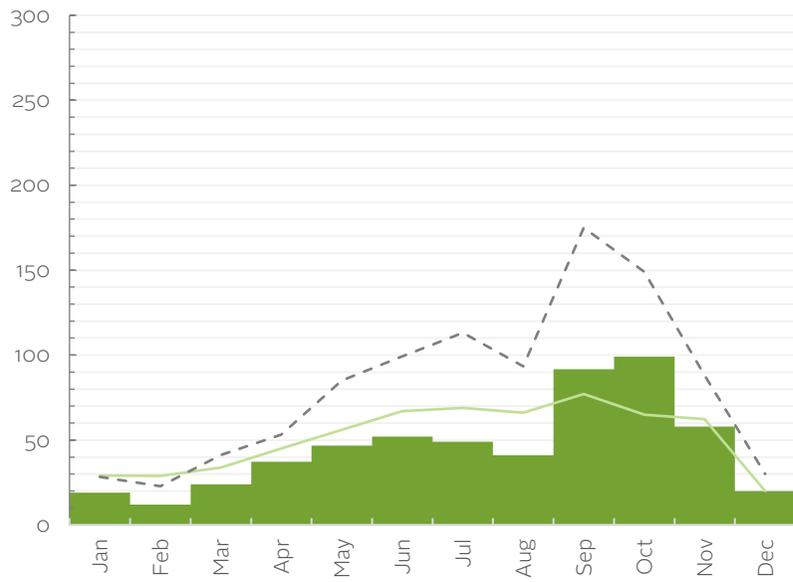


## UNIVERSITY AVENUE BICYCLE LANE

### AVERAGE DAILY WESTBOUND CYCLISTS



### AVERAGE DAILY CYCLISTS



Data Source: University Avenue Bicycle Data is provided by Dalhousie Transportation Collaboratory (DalTRAC).

## SOUTH PARK BICYCLE LANE

### AVERAGE DAILY SOUTHBOUND CYCLISTS



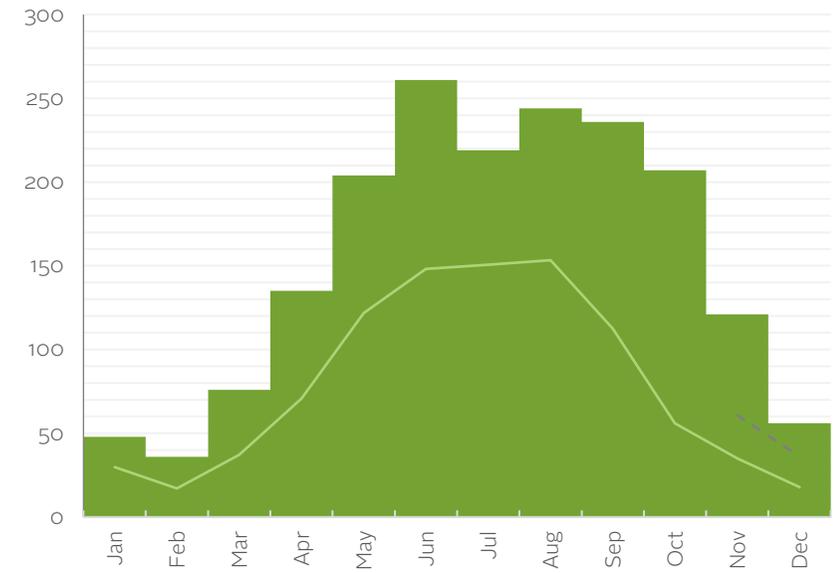
### AVERAGE DAILY CYCLISTS



### AVERAGE DAILY NORTHBOUND CYCLISTS

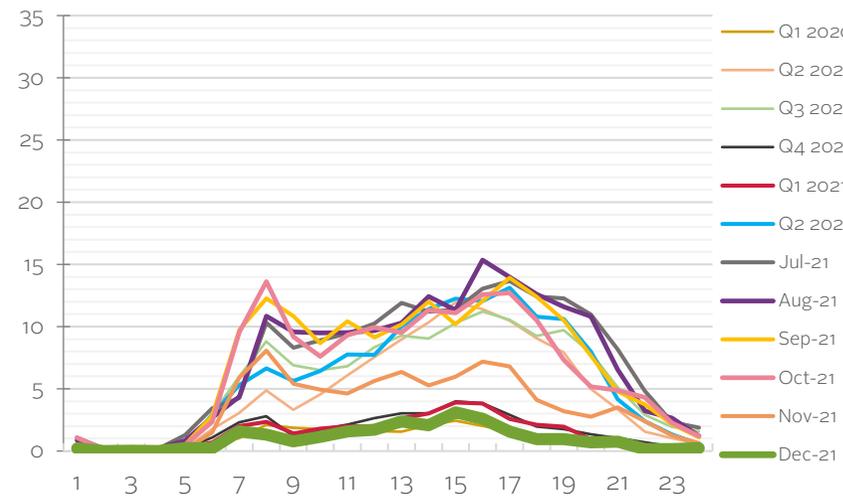


### AVERAGE DAILY CYCLISTS

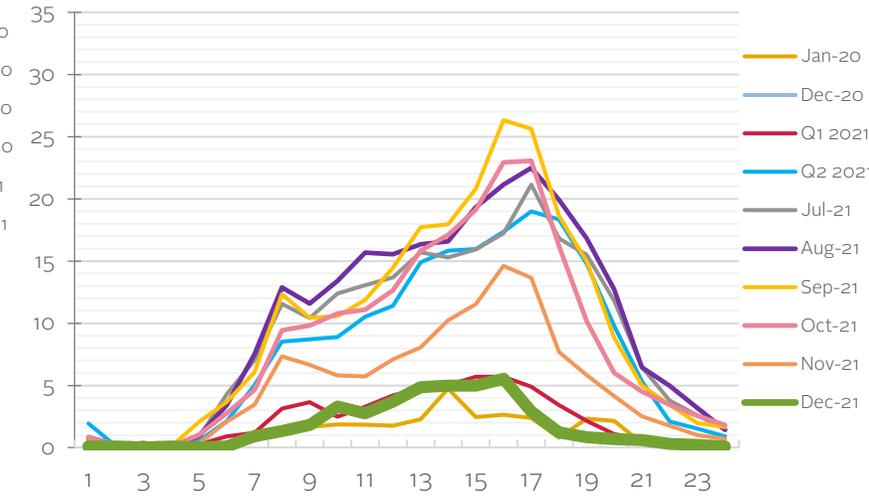


Note: the 2020 data for southbound cyclists on the South Park St bicycle lane have been used as a baseline for northbound cyclists on the South Park St bicycle lane since the northbound bike counter was not working for the majority of 2020.

### AVERAGE HOURLY CYCLISTS



### AVERAGE HOURLY CYCLISTS





## HOLLIS STREET BICYCLE LANE

## WINDSOR STREET BICYCLE LANE

## VERNON-SEYMOUR LOCAL ST. BIKEWAY

### AVERAGE DAILY SOUTHBOUND CYCLISTS

### AVERAGE DAILY CYCLISTS – BOTH DIRECTIONS

### AVERAGE DAILY CYCLISTS – BOTH DIRECTIONS

▼ **23%** Compared to December 2020

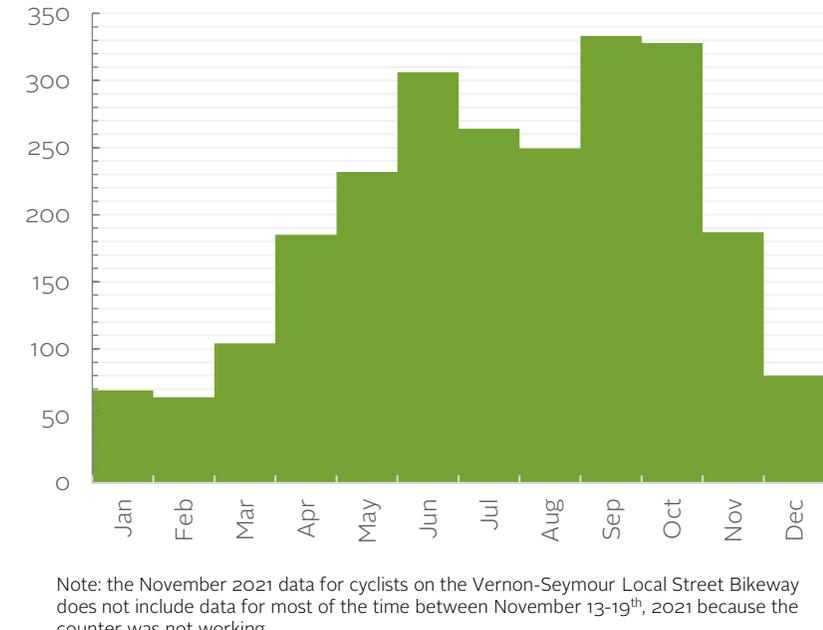
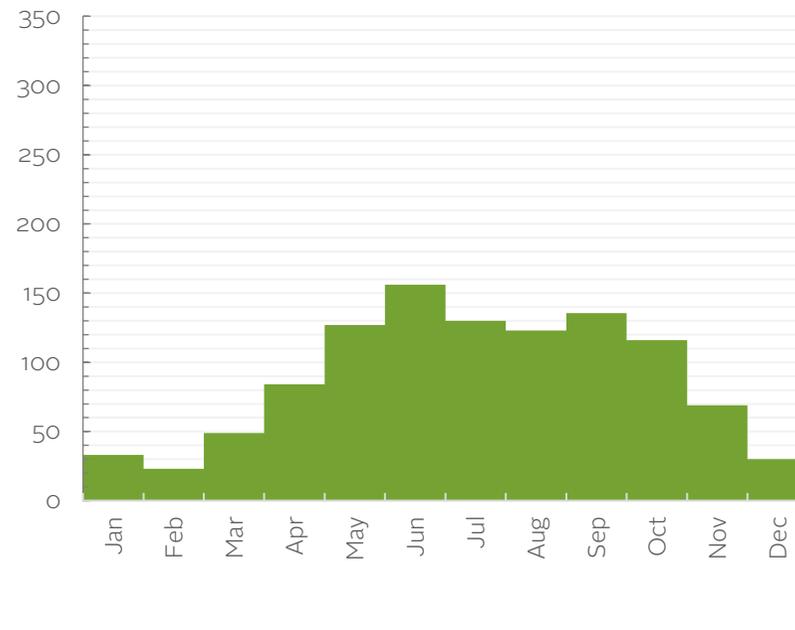
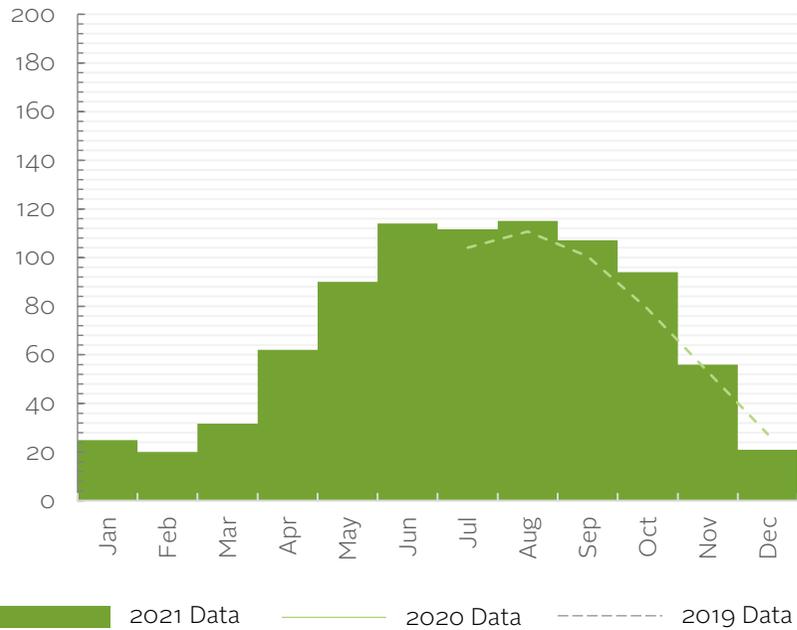
▼ **6%** Compared to December 2020

▼ **11%** Compared to December 2020

▼ **63%** Compared to previous month

▼ **57%** Compared to previous month

▼ **57%** Compared to previous month

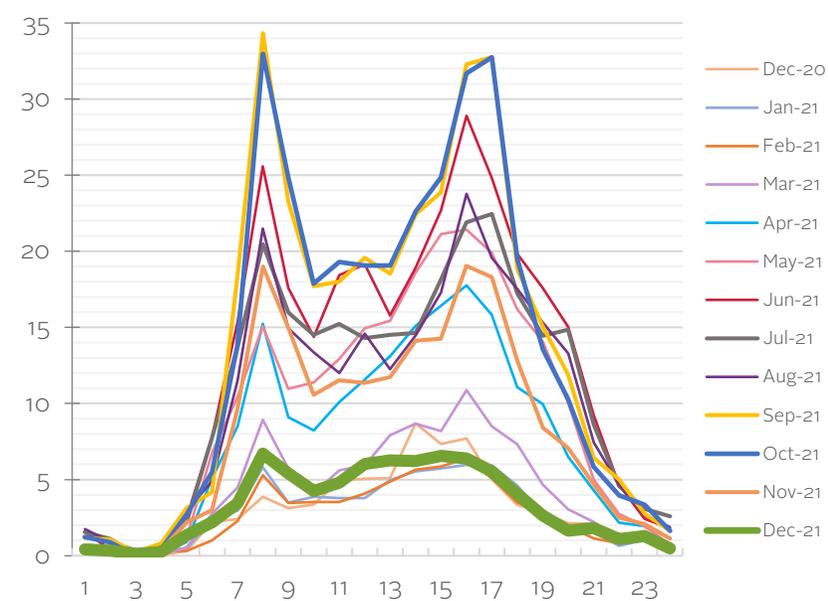
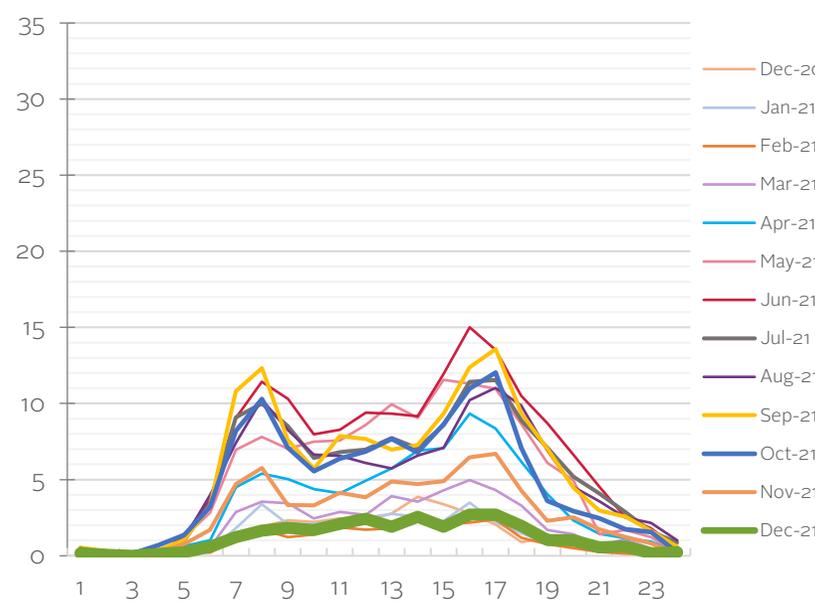
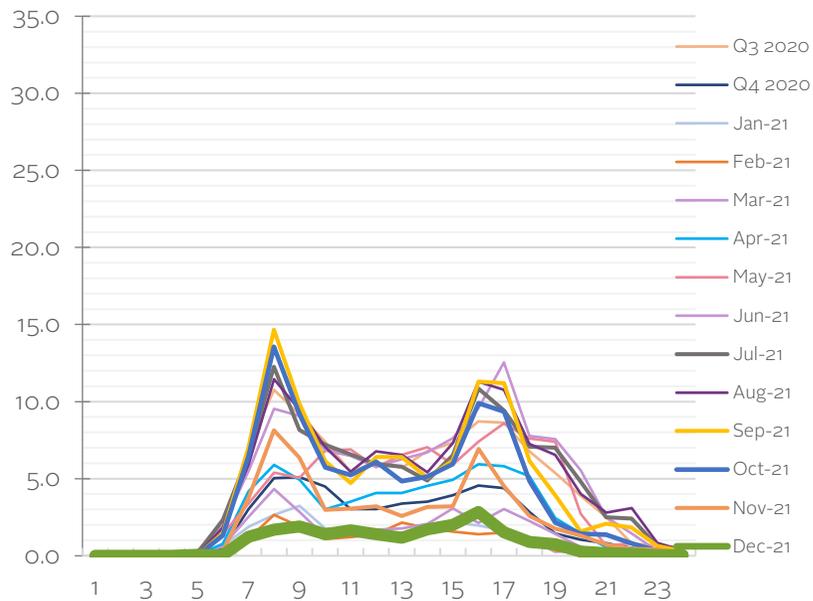


Note: the November 2021 data for cyclists on the Vernon-Seymour Local Street Bikeway does not include data for most of the time between November 13-19<sup>th</sup>, 2021 because the counter was not working.

### AVERAGE HOURLY CYCLISTS

### AVERAGE HOURLY CYCLISTS

### AVERAGE HOURLY CYCLISTS

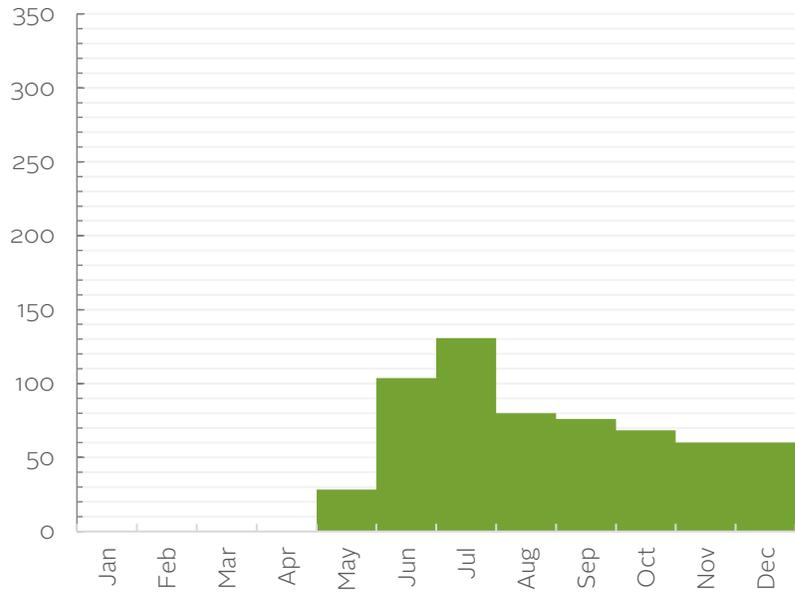




## ARGYLE STREET

### AVERAGE DAILY CYCLISTS

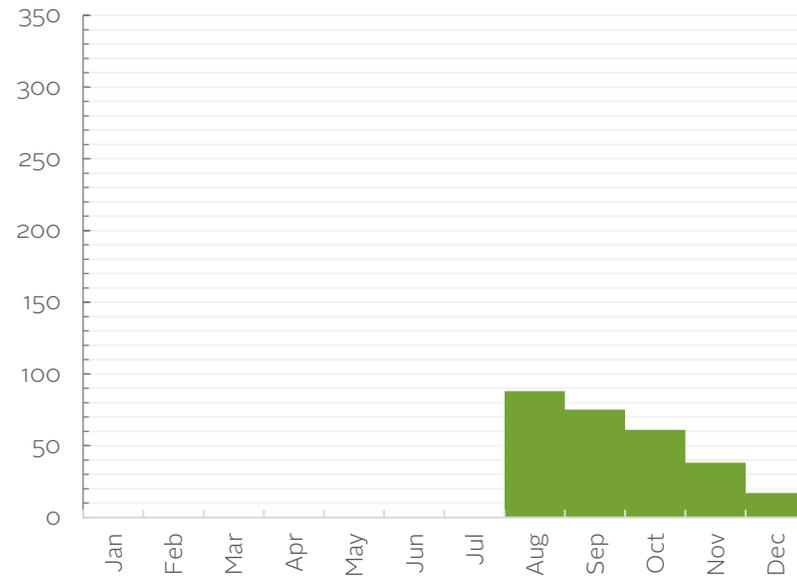
**= 0%** Compared to previous month



## DARTMOUTH HARBOURFRONT GREENWAY

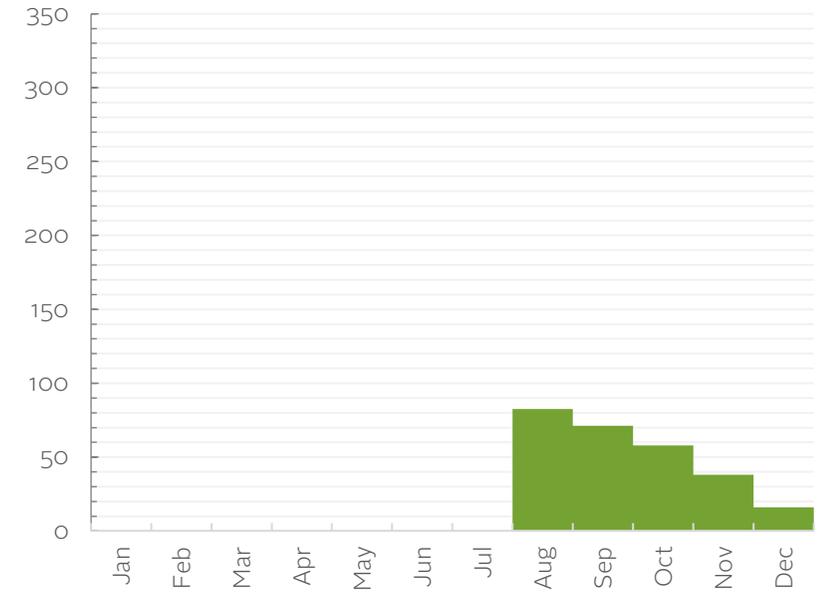
### AVERAGE DAILY SOUTHBOUND CYCLISTS

**▼ 55%** Compared to previous month



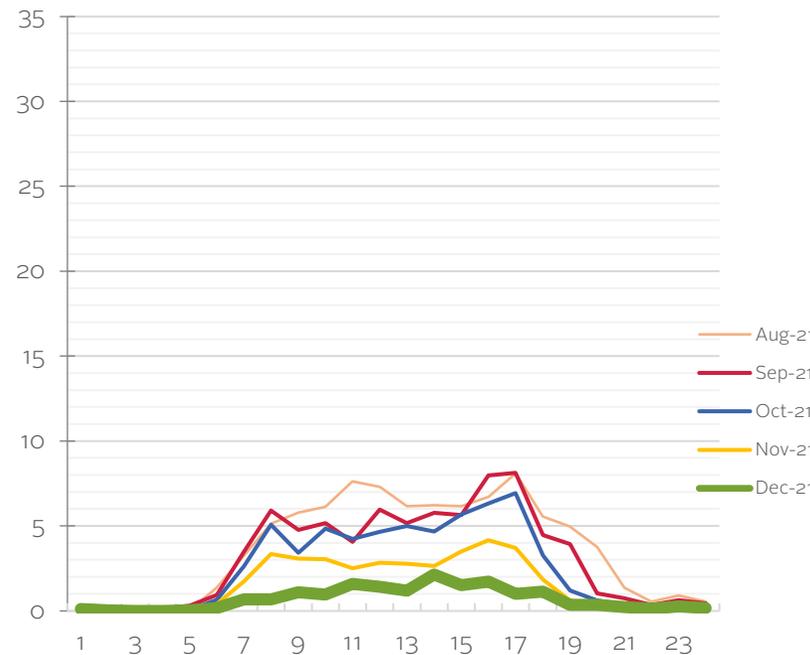
### AVERAGE DAILY NORTHBOUND CYCLISTS

**▼ 58%** Compared to previous month

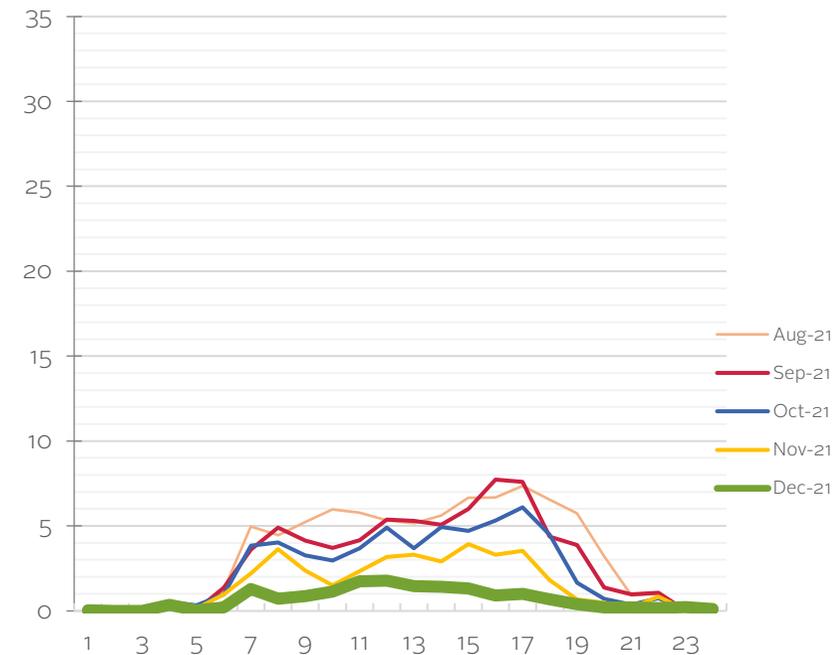


■ 2021 Data    — 2020 Data    - - - 2019 Data

## AVERAGE HOURLY CYCLISTS



## AVERAGE HOURLY CYCLISTS





## WEEKDAY SUMMARY

### TOTAL WEEKDAY BOARDINGS

▲ **19%** Compared to December 2020



▼ **42%** Compared to December 2019

▼ **22%** Compared to previous month

▲ **58%** Compared to December 2020



▼ **59%** Compared to December 2019

▼ **35%** Compared to previous month

▲ **19%** Compared to December 2020

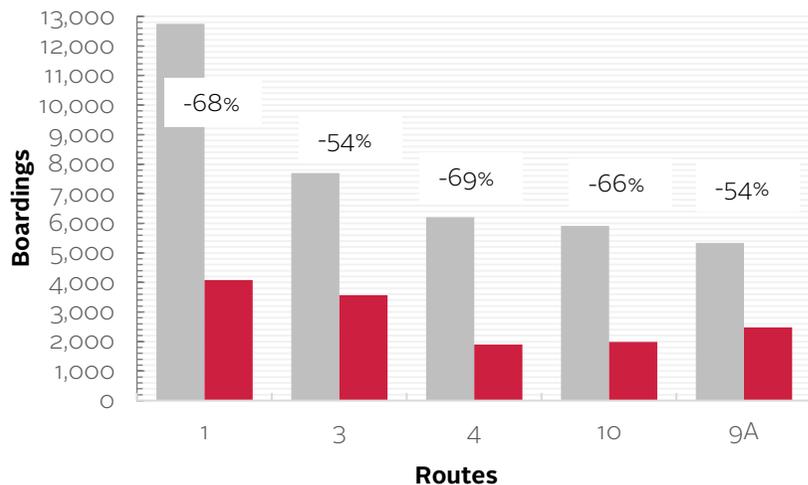


▼ **32%** Compared to December 2019



▼ **30%** Compared to previous month

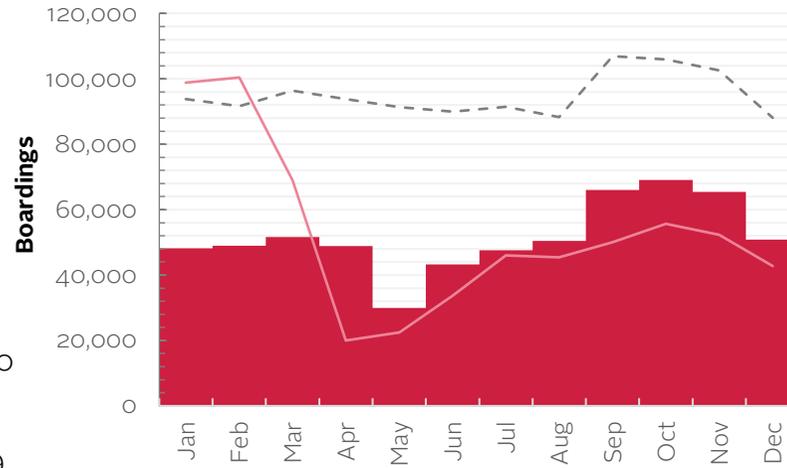
### DAILY BOARDINGS FOR TOP 5 ROUTES (PRE-COVID)



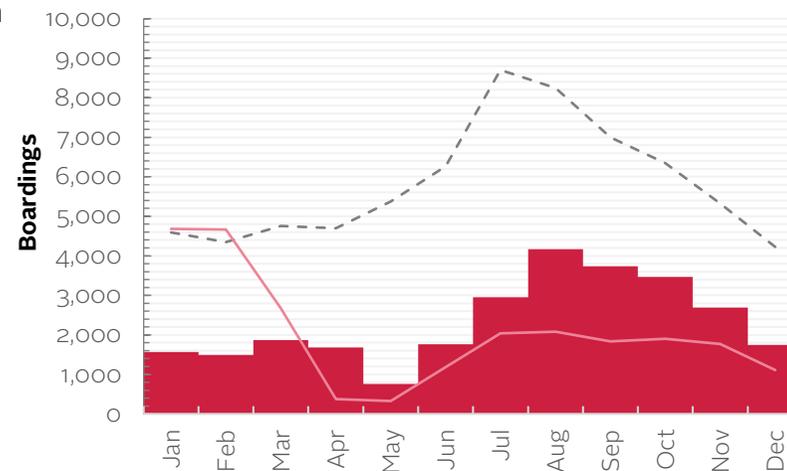
This data compares March 12, 2020 to December 30, 2021.

## AVERAGE WEEKDAY BOARDINGS

### CONVENTIONAL BUSES



### FERRY



### ACCESS-A-BUS



## TRANSIT'S RESPONSE (2020)

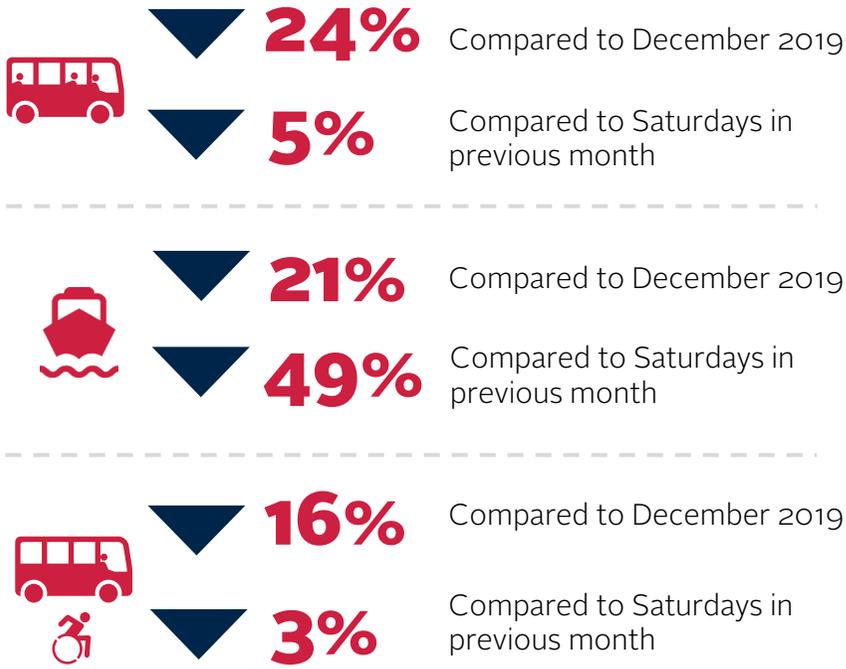
- 13-March ● First seat on buses is no longer available to riders
- 15-March ● Ferries capacity reduced to 150 per trip  
Bus capacity limited to seating passengers only
- 18-March ● Passengers must use rear doors to board and exist  
Suspended all fare collection on bus and ferry services  
Ferry capacity reduced to 50 passengers per trip
- 20-March ● Ferry service reduced to 30-minute service all day
- 23-March ● Implemented 30% reduction in service on weekdays
- 9-April ● Skip the Seat measures are implemented  
Designated sections for passengers with accessibility needs only  
Ferry capacity reduced to 25 passengers per trip, food and drinks are prohibited
- 4-May ● Bus service reduced to 63% of normal operating levels  
Ferry service reduced to 30-minutes and only available for peak period service on weekdays
- 30-May ● Increased capacity on conventional buses, allowing a maximum of 5 passengers to stand
- 3-June ● Ferry capacity increased to 40 passengers per trip
- 8-June ● Alderney ferry service increased to 30-minute frequency between 6.30am-10pm on weekdays, and 10.30am-8pm on weekends
- 22-June ● Bus service increased to 84% of normal operating levels
- 24-June ● Masks are mandatory on all Halifax Transit buses and ferries
- 1-August ● Fair collection, front door boarding and full capacity resumed
- 31-August ● Bus service returned to 100% operating levels
- 8-September ● Woodside and Alderney ferry service returned to 15-minute frequency on weekdays at peak periods. 30-minute service was also restored mid-day for the Woodside ferry.
- 26-October ● Evening ferry service increased for the Alderney and Woodside ferries. Weekend ferry service increased for the Alderney Ferry.

■ 2021 Data    — 2020 Data    - - - - 2019 Data

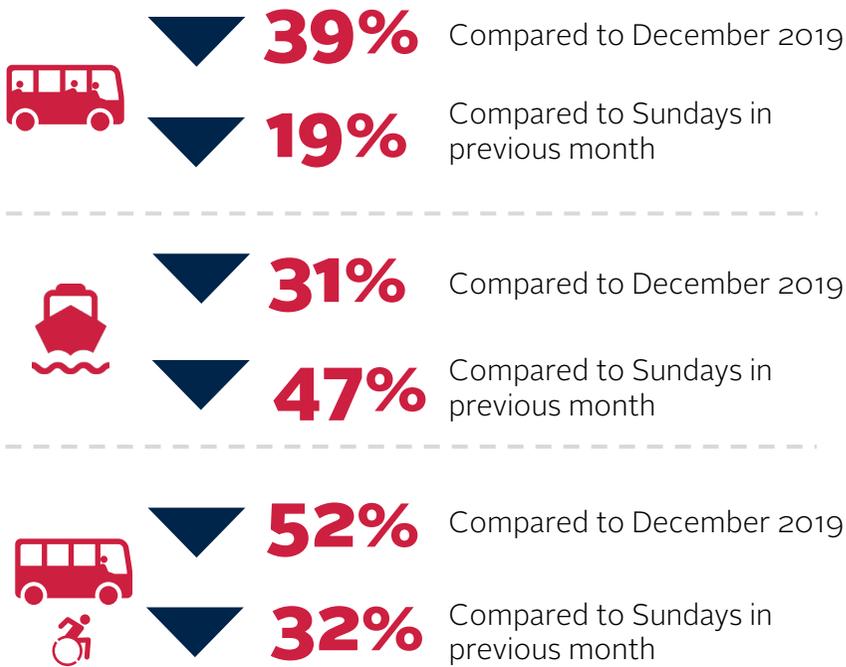


## WEEKEND SUMMARY

### SATURDAY BOARDINGS

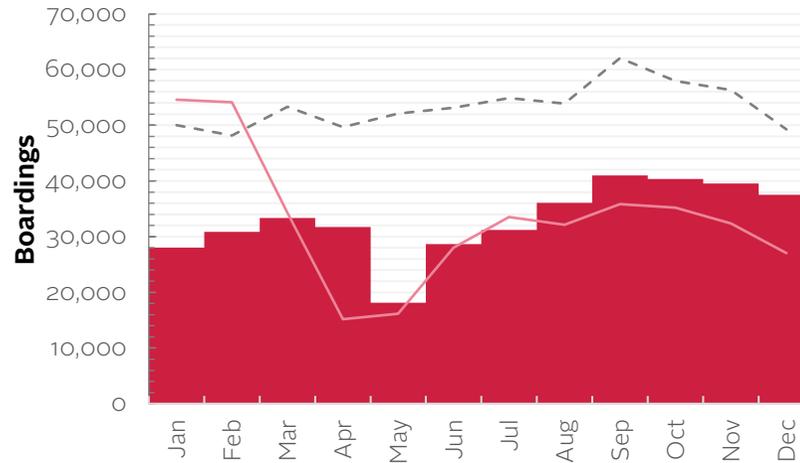


### SUNDAY BOARDINGS



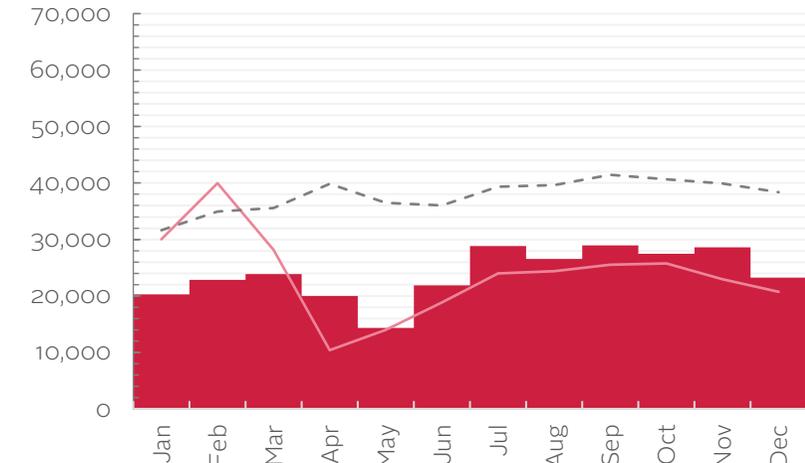
## AVERAGE SATURDAY BOARDINGS

### CONVENTIONAL BUSES

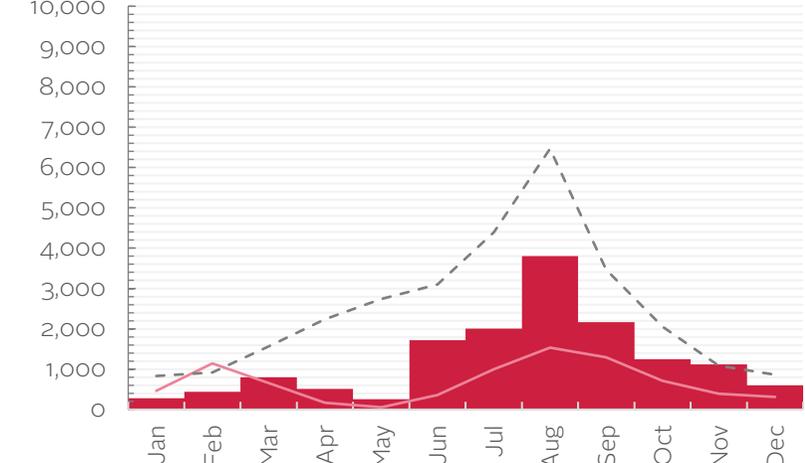
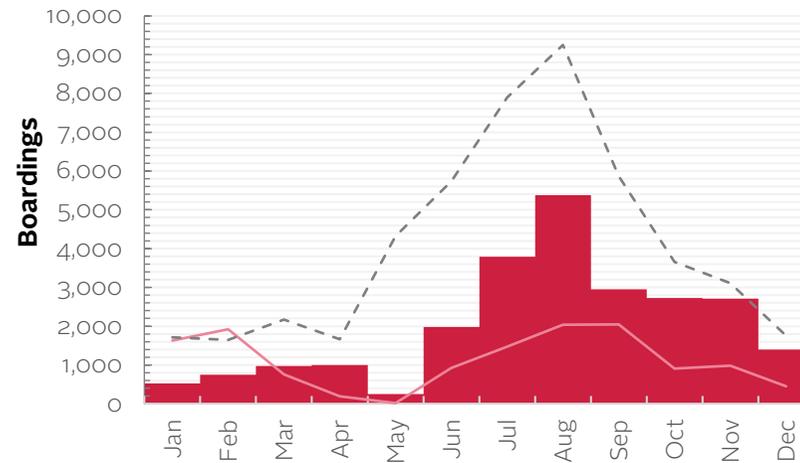


## AVERAGE SUNDAY BOARDINGS

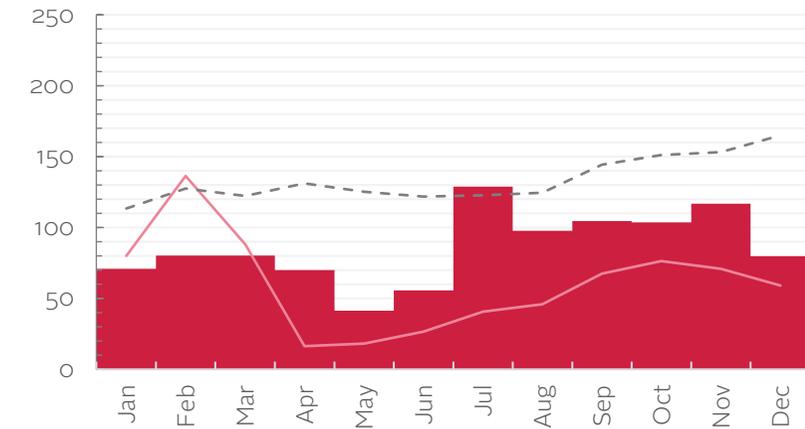
### CONVENTIONAL BUSES



### FERRY



### ACCESS-A-BUS





## SUMMARY FOR BOTH BRIDGES

### AVERAGE DAILY TRAFFIC

▼ **8%** Macdonald Bridge

▼ **9%** MacKay Bridge

### Comparing AM, PM and Off Peak Distribution in December 2021 to pre-COVID

▼ **11%** AM Peak

▼ **7%** PM Peak

▼ **10%** Off Peak

### Comparing AM, PM and Off Peak Distribution in November 2021 to pre-COVID

▼ **1%** AM Peak

▲ **2%** PM Peak

▼ **6%** Off Peak

### Comparing AM, PM and Off Peak Distribution in October 2021 to pre-COVID

▼ **13%** AM Peak

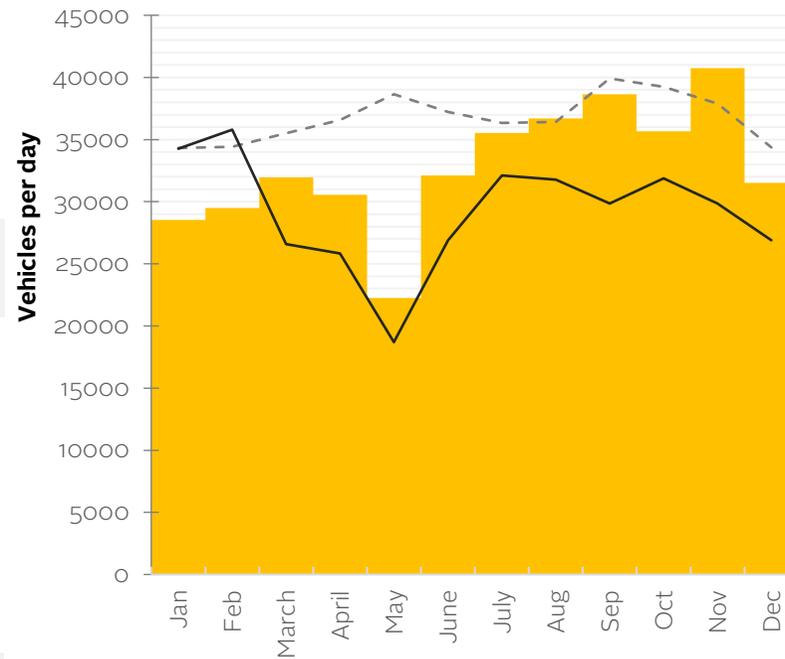
▼ **2%** PM Peak

▼ **7%** Off Peak

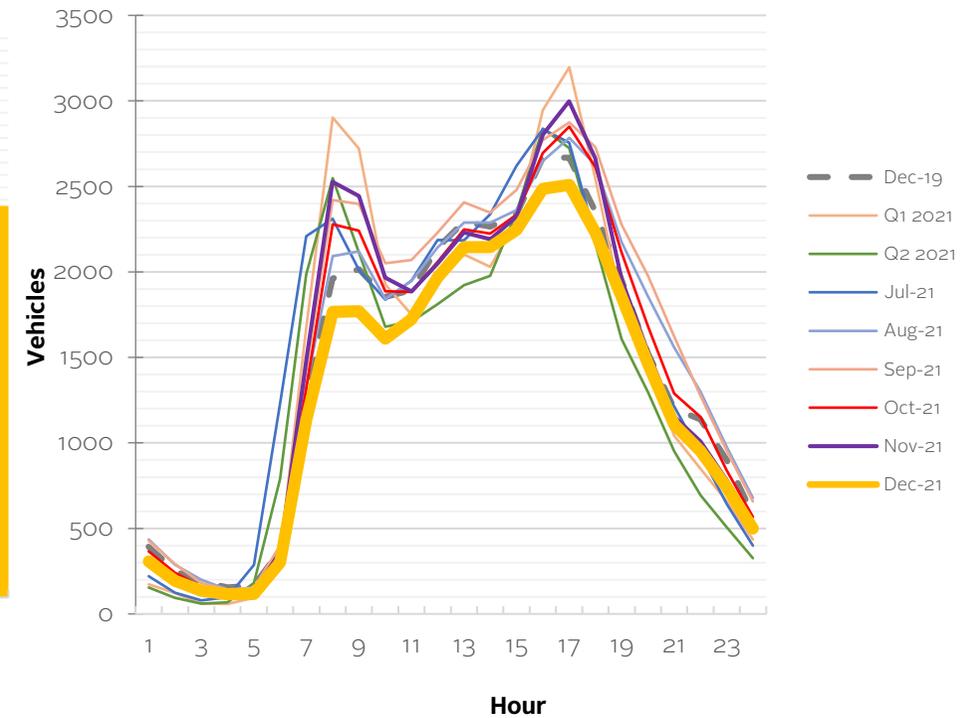
Data Source: Halifax Harbour Bridges

## MACDONALD BRIDGE

### AVERAGE DAILY TRAFFIC VOLUMES

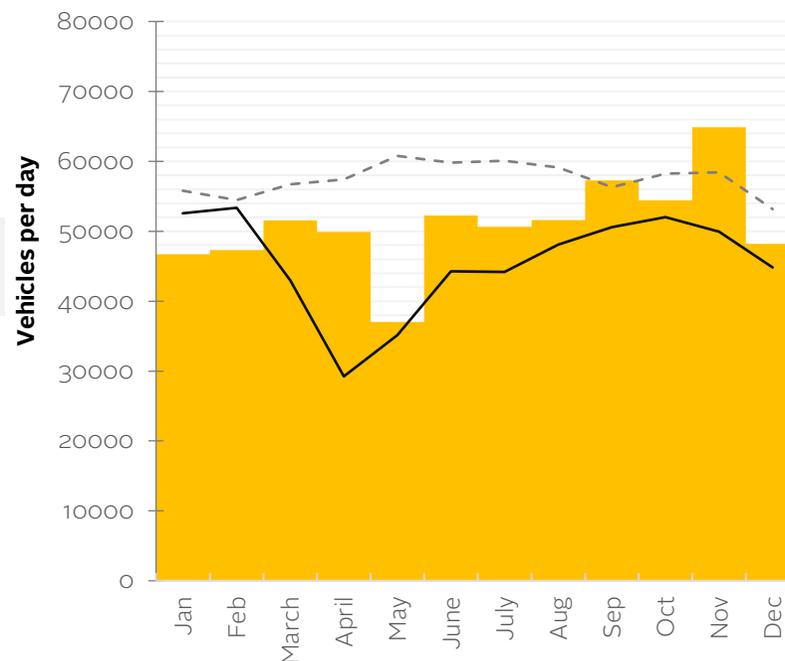


### HOURLY TWO-WAY VOLUMES

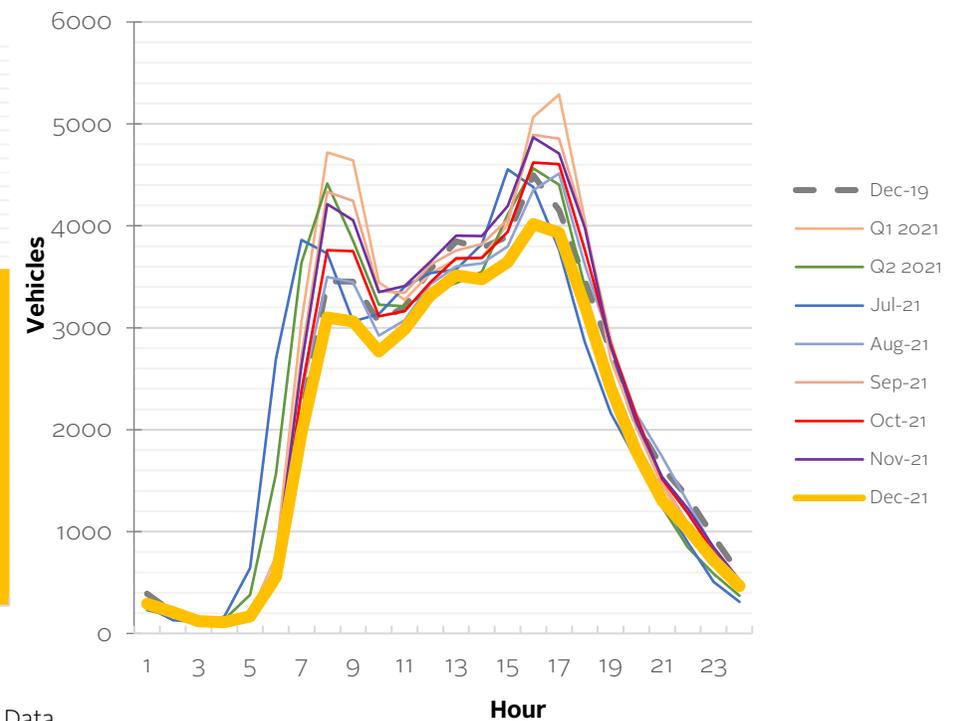


## MACKAY BRIDGE

### AVERAGE DAILY TRAFFIC VOLUMES



### HOURLY TWO-WAY VOLUMES



2021 Data    2020 Data    2019 Data



## SUMMARY FOR THE THREE INTERSECTIONS

### AVERAGE WEEKDAY TRAFFIC

- ▲ **6%** Dunbrack Street at Farnham Gate
- ▼ **3%** Larry Uteck Boulevard at Kearney Lake Road

### Comparing AM, PM and Off Peak Distribution in December 2021 to pre-COVID

- ▼ **44%** AM Peak
- ▼ **12%** PM Peak
- ▲ **10%** Off Peak

### Comparing AM, PM and Off Peak Distribution in November 2021 to pre-COVID

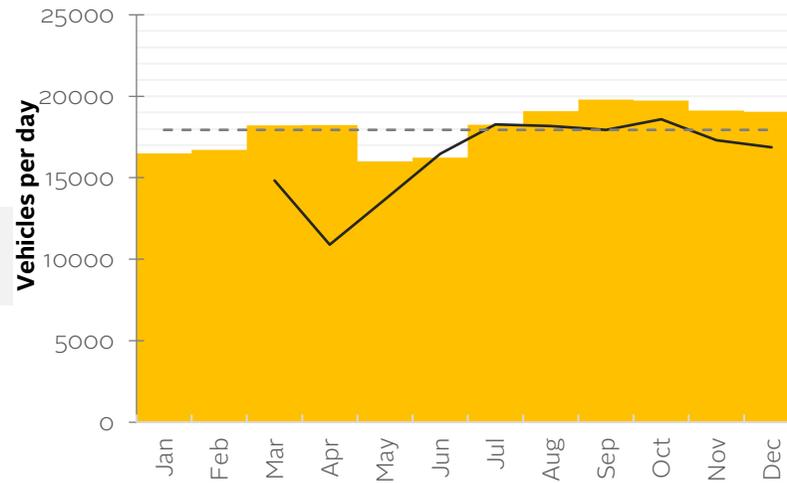
- ▼ **19%** AM Peak
- ▼ **5%** PM Peak
- ▲ **13%** Off Peak

### Comparing AM, PM and Off Peak Distribution in October 2021 to pre-COVID

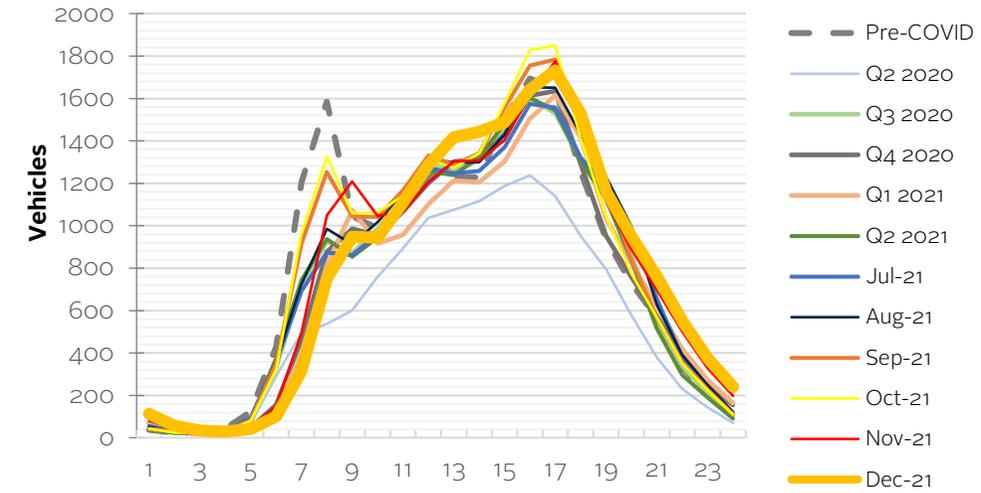
- ▼ **1%** AM Peak
- ▲ **11%** PM Peak
- ▲ **15%** Off Peak

## AVERAGE WEEKDAY TRAFFIC AT SUBURBAN INTERSECTIONS

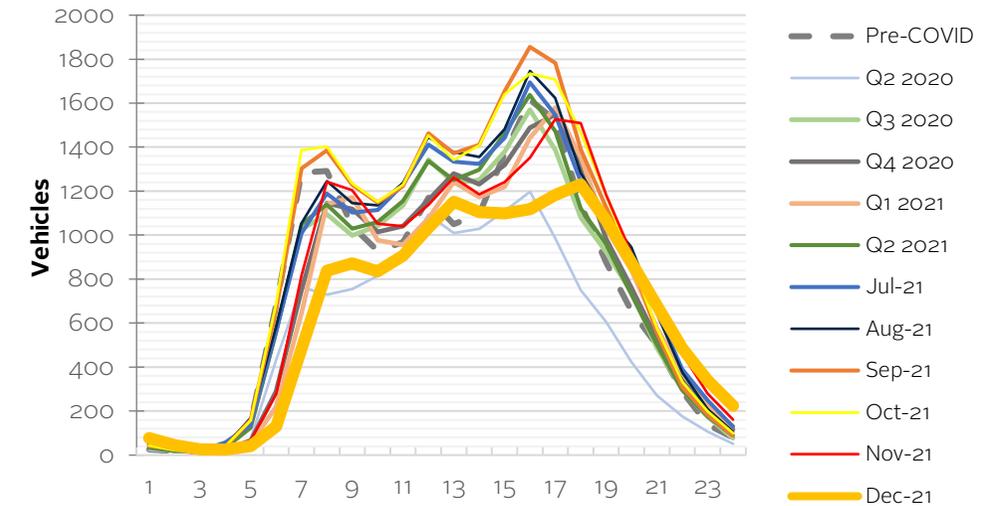
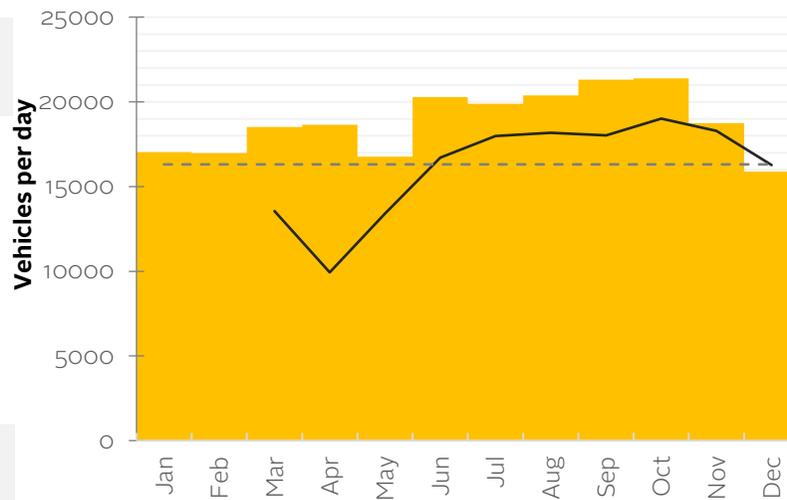
### Dunbrack Street at Farnham Gate



## AVERAGE WEEKLY HOURLY VOLUMES AT SUBURBAN INTERSECTIONS



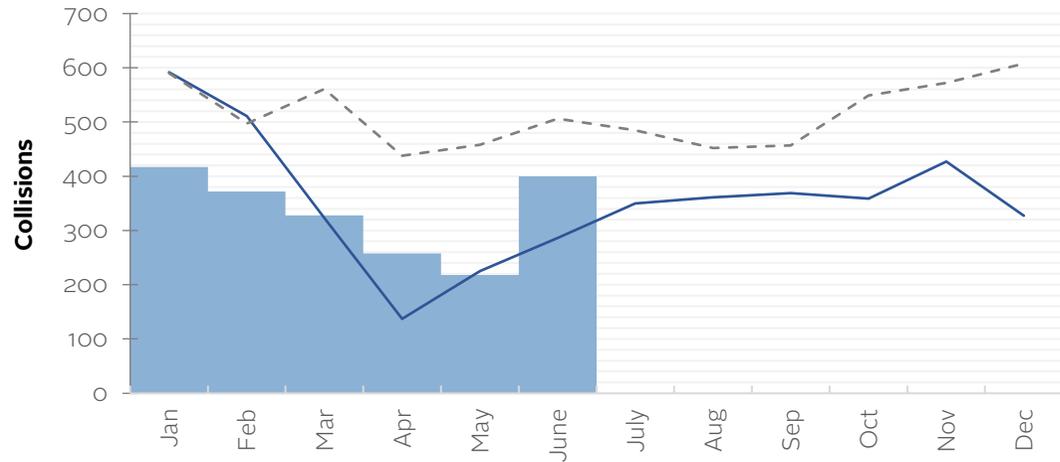
### Larry Uteck Boulevard at Kearney Lake Road



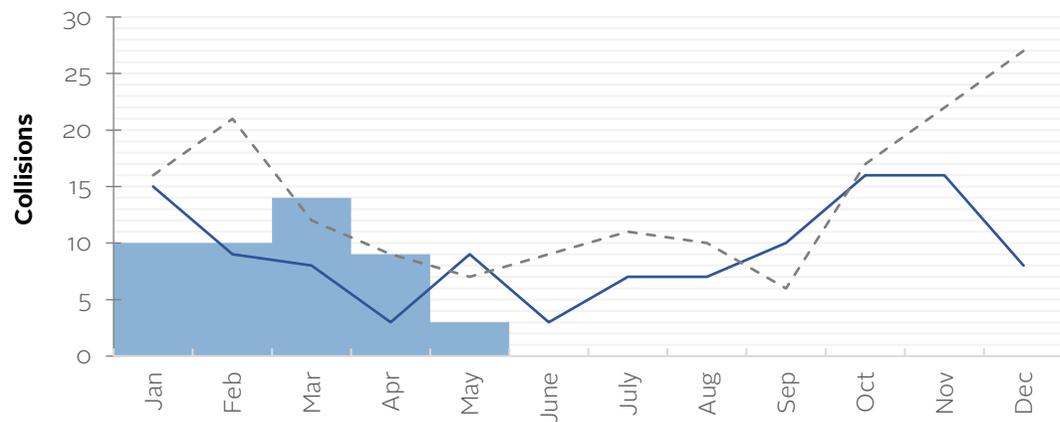


## COLLISION DATA

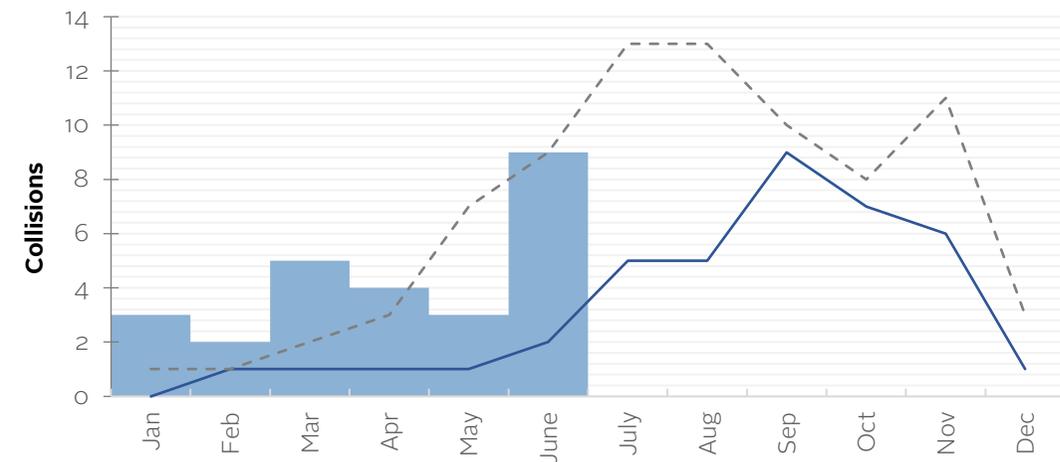
### Total Collisions



### Total Collisions Involving Pedestrians

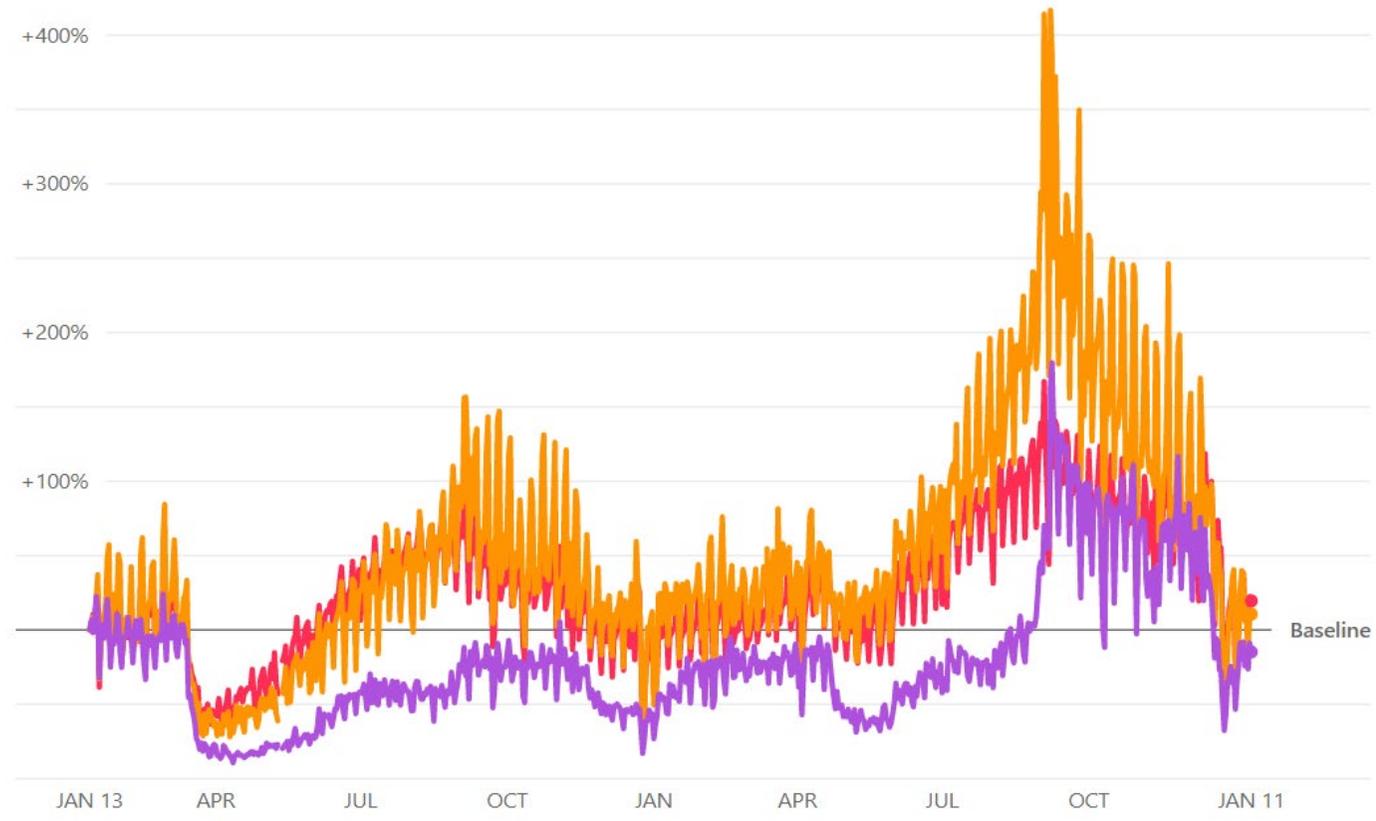


### Total Collisions Involving Cyclists



----- 2019 Data    ———— 2020 Data    ■■■■ 2021 Data

## APPLE MOBILITY INDEX



- Driving +20%
- Walking +11%
- Transit -15%

- This data analysis reflects the volume in requests for directions made on Apple Maps by city compared to the baseline volume on January 13<sup>th</sup>, 2020. The data doesn't necessarily represent vehicle, pedestrian or transit volumes.
- For more information on this dataset, please visit the [Apple Mobility Index](#).