

COVID-19 MOBILITY INDICATORS

SUMMARY REPORT

Prepared by Transportation Planning – December 14, 2021



TRAFFIC VOLUMES

↑ 9%

Up by **17%** since October 2021

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

↓ 1% AM PEAK

↑ 2% PM PEAK

↓ 6% OFF PEAK



TOTAL WEEKDAY BOARDINGS

↓ 37%

Down by **6%** since October 2021

Comparing average in November 2021 to November 2019.

BOARDINGS PER HOUR

↓ 35%

Down by **4%** since October 2021

Boardings per hour were down from 37 in November 2019 to 24 in November 2021.



PEDESTRIAN VOLUMES

↓ 28%

Down by **28%** since October 2021

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

↓ 24% ARGYLE

↓ 39% GEORGE

↓ 15% S. BARRINGTON

↓ 44% UPPER WATER

↓ 8% LOWER WATER



PEDESTRIANS - WEEKDAY

WEEKDAY SUMMARY

Average Weekday Pedestrian Volumes

▲ **28%** Compared to November 2020

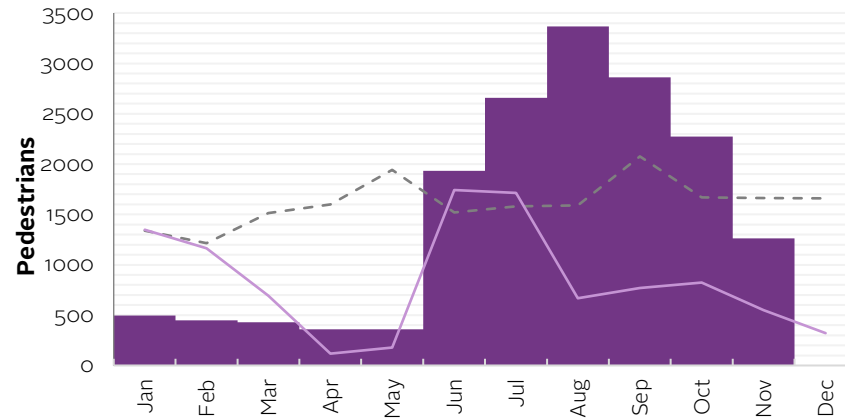
▼ **42%** Compared to November 2019

▼ **28%** Compared to previous month

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

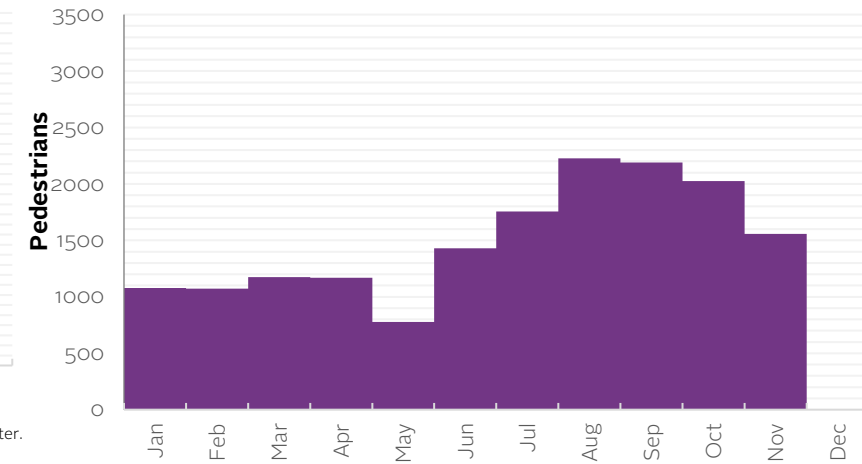
AVERAGE WEEKDAY PEDESTRIAN VOLUMES IN DOWNTOWN HALIFAX

ARGYLE STREET

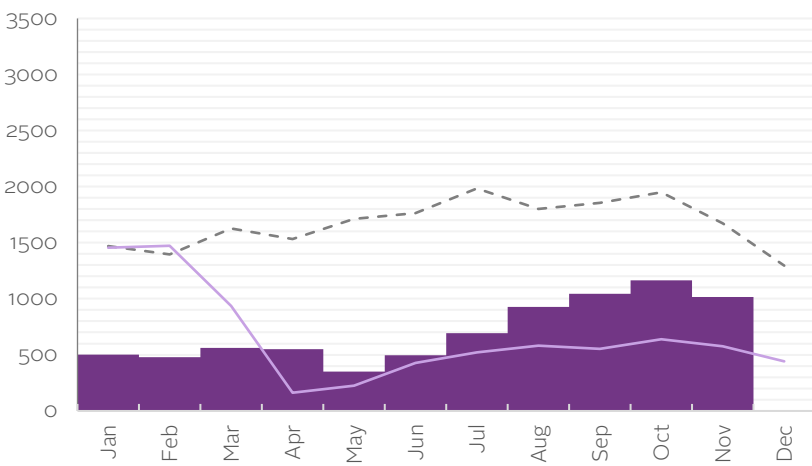


Note: a new counter was installed on Argyle St in May 2021 that captures a wider area than the previous counter. For that reason, the new data may not be perfectly comparable to historic data.

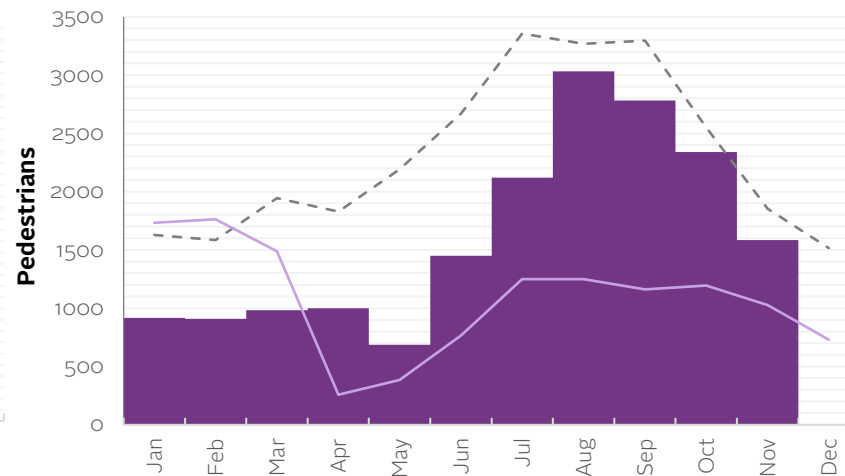
BARRINGTON STREET AT CIVIC 1588



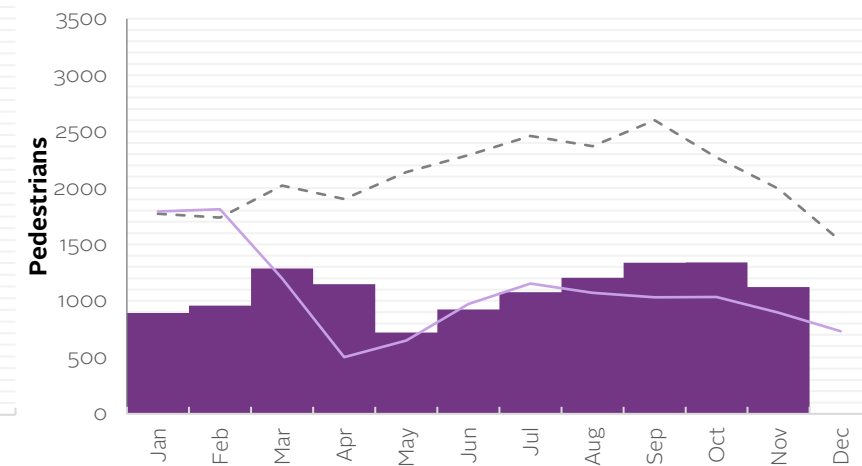
GEORGE STREET



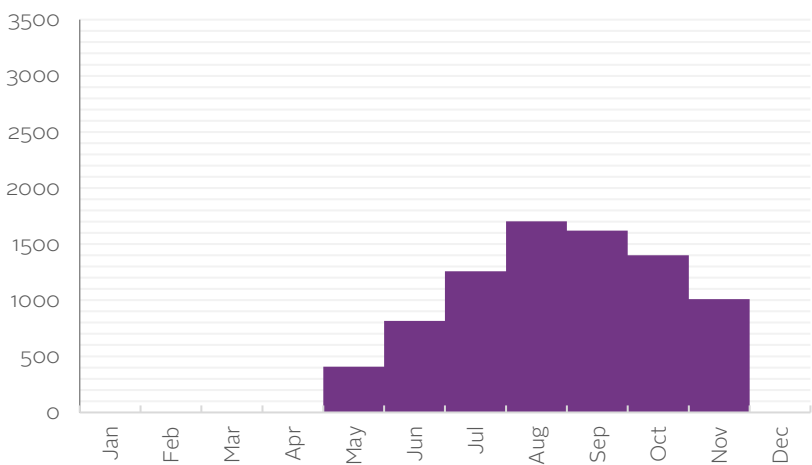
NORTH OF UPPER WATER STREET



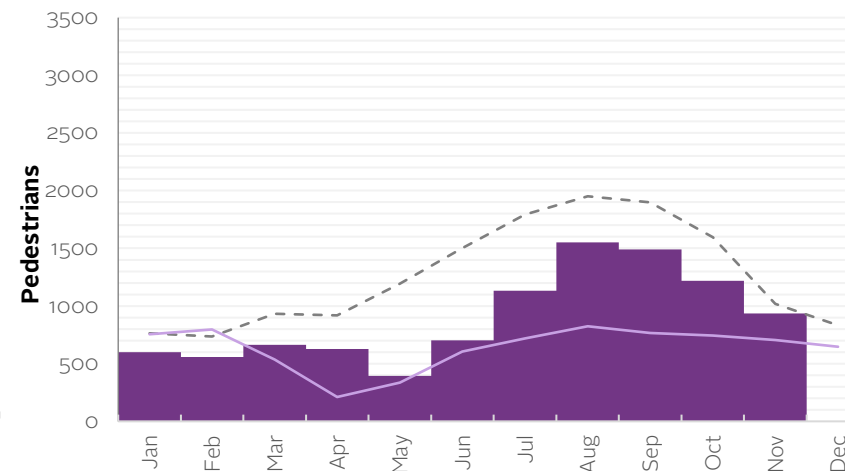
SOUTH OF BARRINGTON STREET



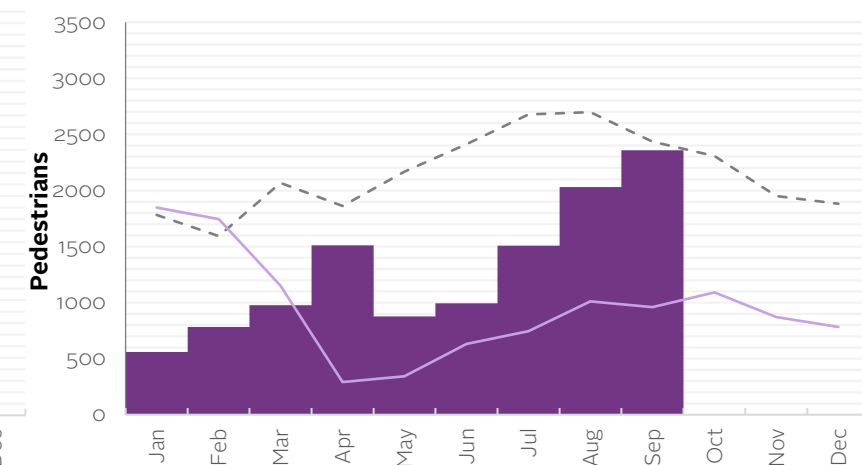
SACKVILLE STREET



SOUTH OF LOWER WATER STREET



NORTH OF BARRINGTON STREET



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

2021 Data 2020 Data 2019 Data



PEDESTRIANS - WEEKDAY

WEEKDAY SUMMARY

Average Weekday Pedestrian Volumes

▲ **27%** Compared to November 2020

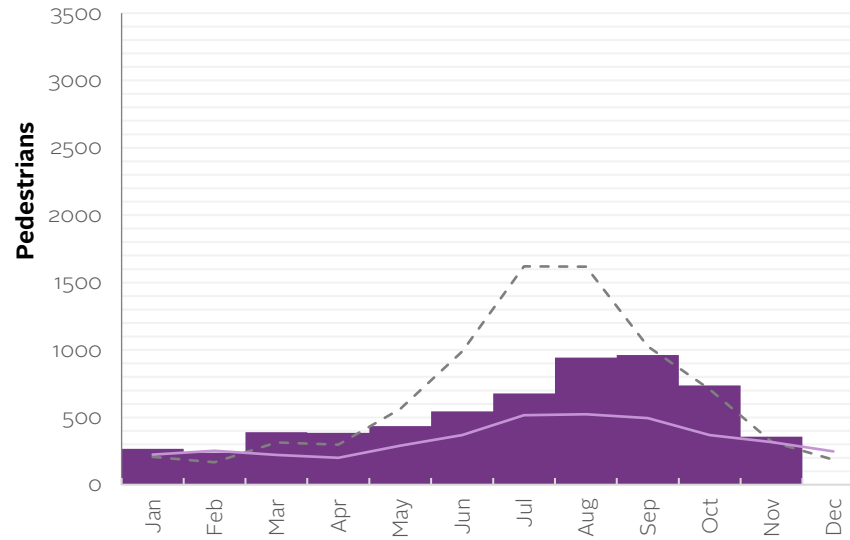
▲ **54%** Compared to November 2019

▼ **56%** Compared to previous month

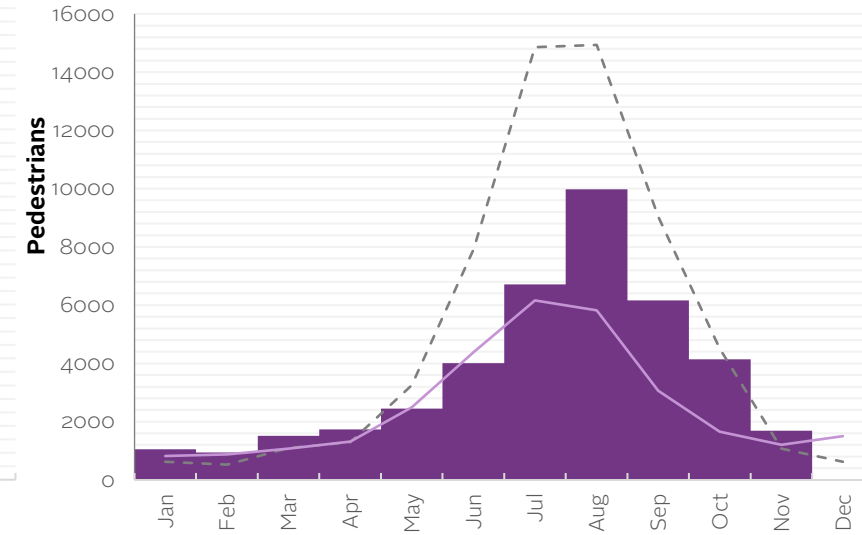
For the location of the counters, [view the eco-counter public webpage](#)

AVERAGE WEEKDAY PEDESTRIAN VOLUMES AT THE HALIFAX WATERFRONT

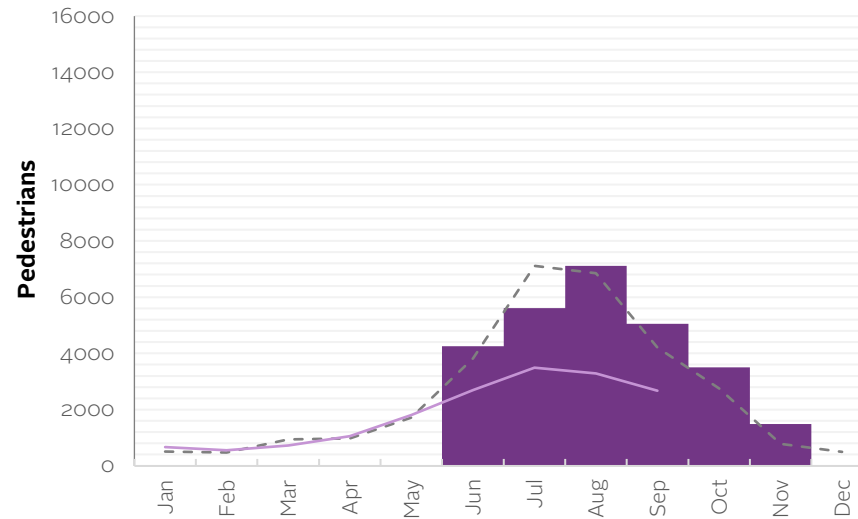
BOARDWALK – CLOSE TO COWS ICECREAM



SUMMIT BOARDWALK



BISHOP'S LANDING BOARDWALK





PEDESTRIANS - WEEKDAY



WEEKDAY SUMMARY

Average Weekday Pedestrian Volumes

▼ **1%** Compared to November 2020

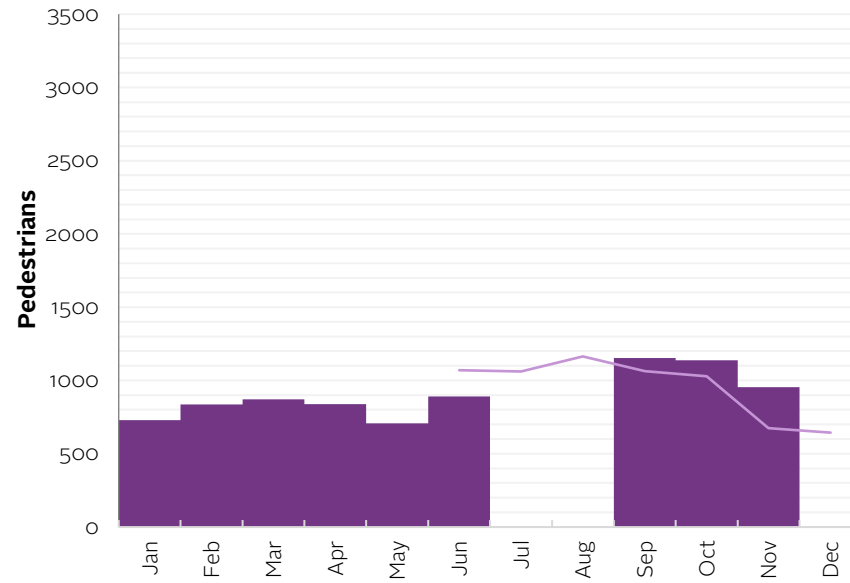
▼ **16%** Compared to previous month

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.

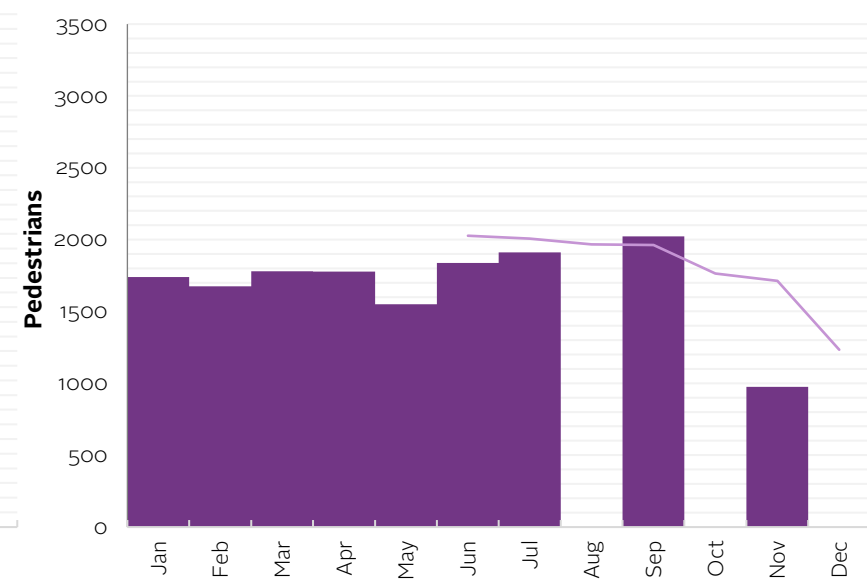
AVERAGE WEEKDAY PEDESTRIAN VOLUMES IN DOWNTOWN DARTMOUTH

OCHTERLONEY STREET



Note: November 2021 data is incomplete.

PORTLAND STREET



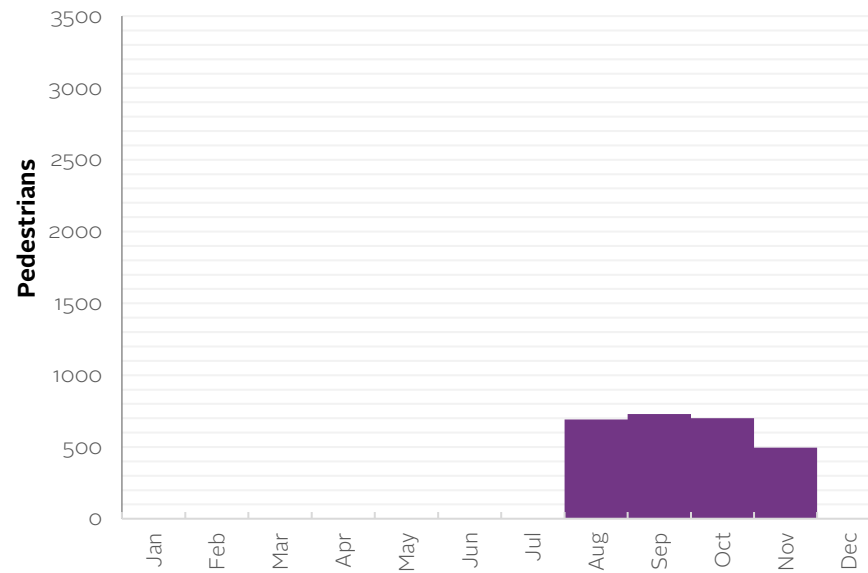
WEEKDAY SUMMARY

Average Weekday Pedestrian Volumes

▼ **29%** 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

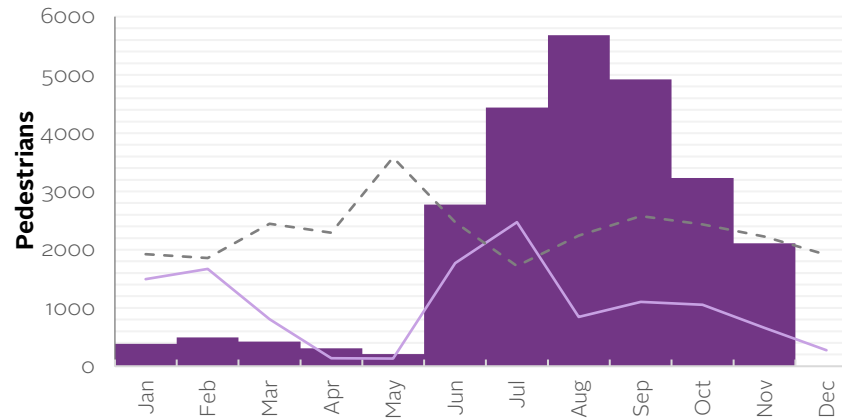
Average Weekend Pedestrian Volumes

- ▲ 103%** Compared to November 2020
- ▲ 8%** Compared to November 2019
- ▼ 12%** Compared to previous month

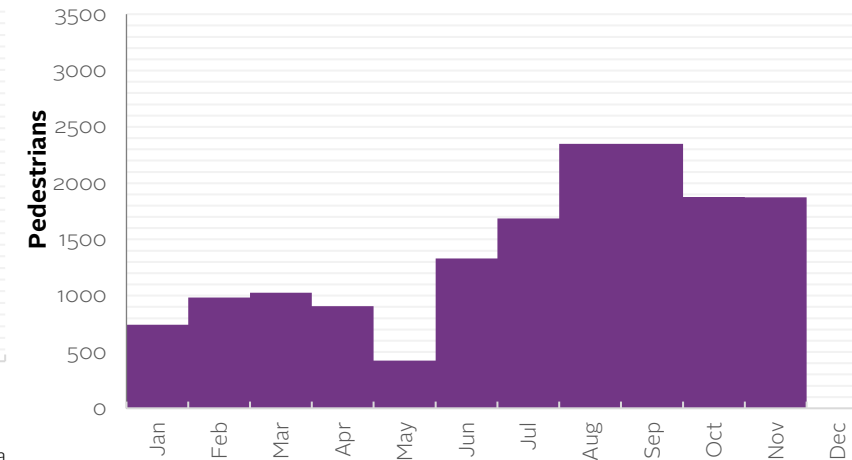
For the location of the counters, [view the eco-counter public webpage](#)

AVERAGE WEEKEND PEDESTRIAN VOLUMES IN DOWNTOWN HALIFAX

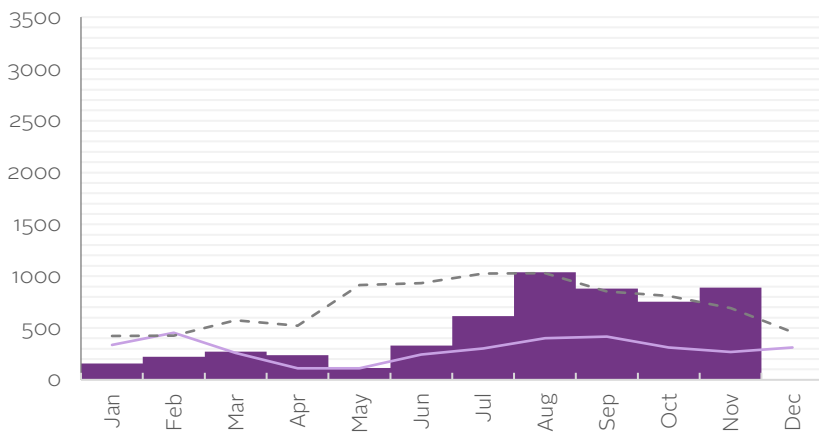
ARGYLE STREET



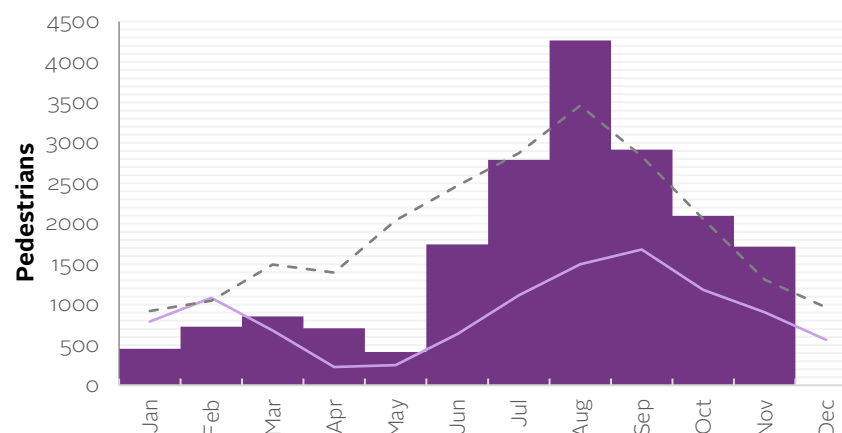
BARRINGTON STREET AT CIVIC 1588



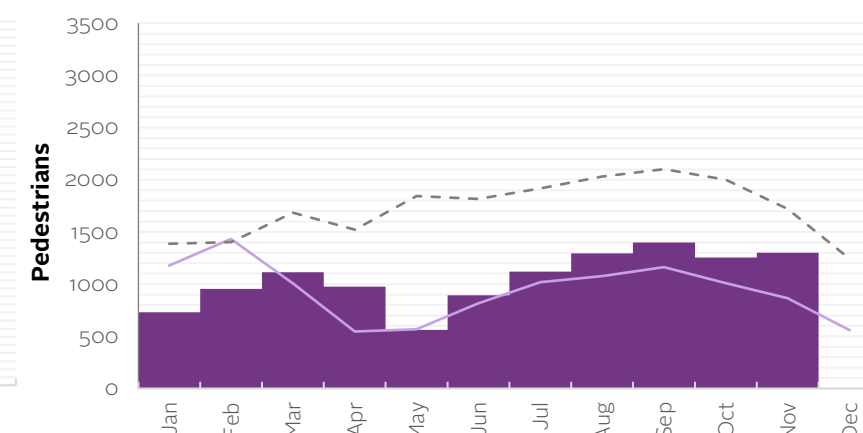
GEORGE STREET



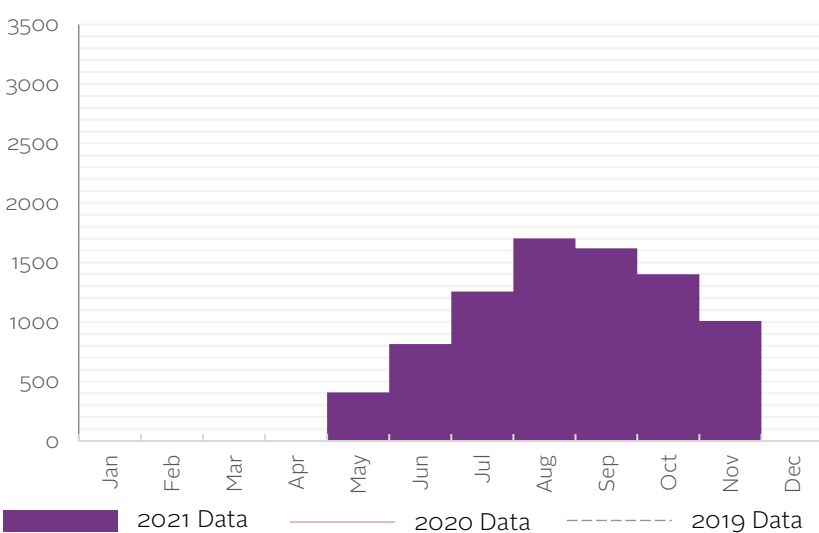
NORTH OF UPPER WATER STREET



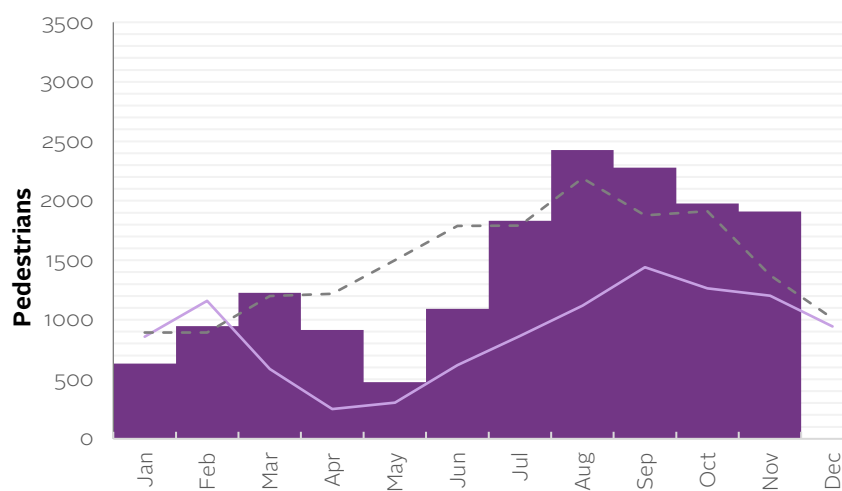
SOUTH OF BARRINGTON STREET



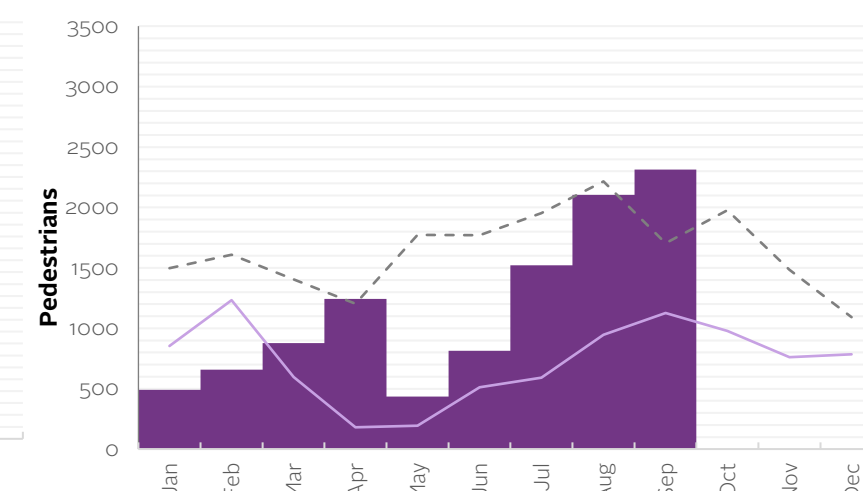
SACKVILLE STREET



SOUTH OF LOWER WATER STREET



NORTH OF BARRINGTON STREET



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



PEDESTRIANS - WEEKEND

WEEKEND SUMMARY

Average Weekend Pedestrian Volumes

▲ **48%** Compared to November 2020

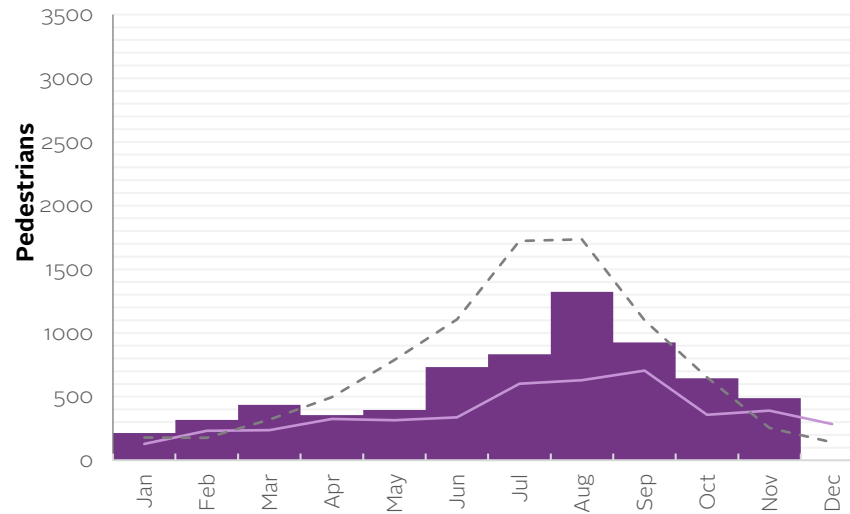
▲ **144%** Compared to November 2019

▼ **32%** Compared to previous month

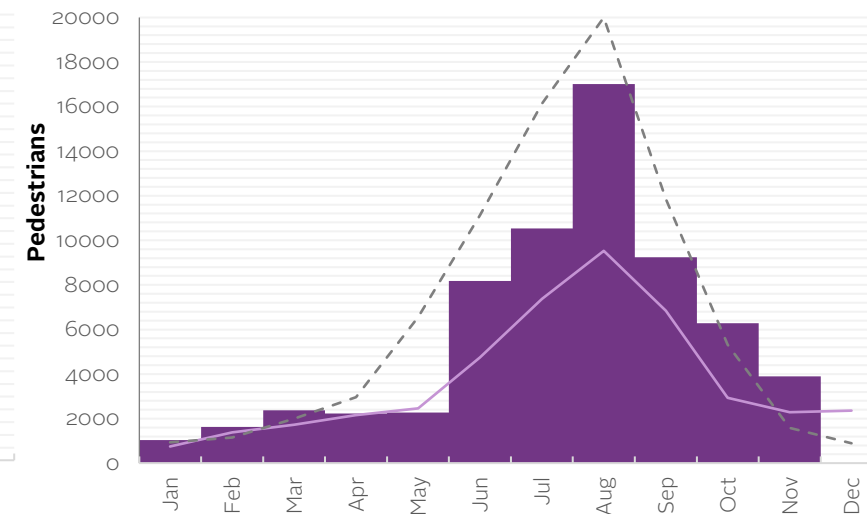
For the location of the counters, [view the eco-counter public webpage](#)

AVERAGE WEEKEND PEDESTRIAN VOLUMES ON THE HALIFAX WATERFRONT

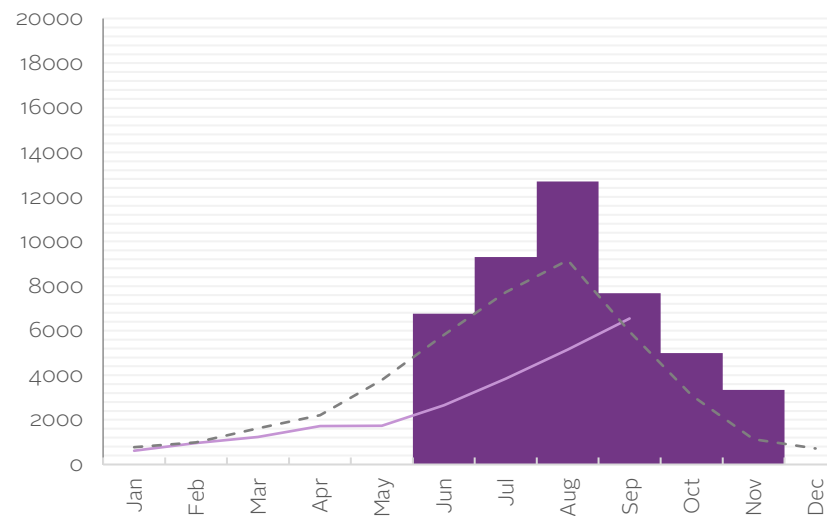
BOARDWALK – CLOSE TO COWS ICECREAM



SUMMIT BOARDWALK



BISHOP'S LANDING BOARDWALK





PEDESTRIANS - WEEKEND

WEEKEND SUMMARY

Average Weekend Pedestrian Volumes

▲ 12% Compared to November 2020

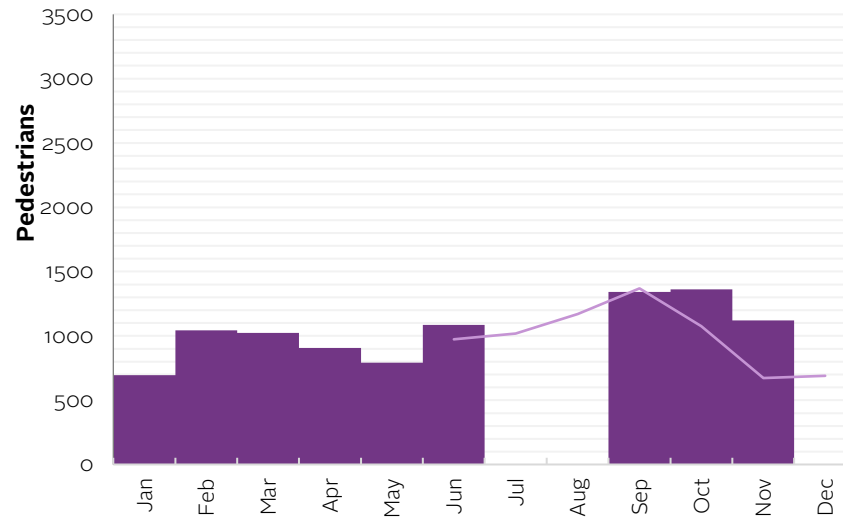
▼ 18% Compared to previous month

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.

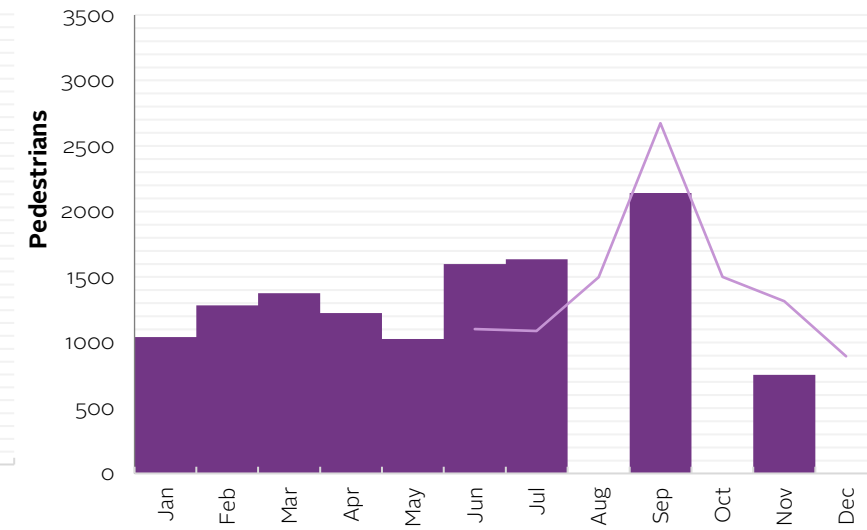
AVERAGE WEEKEND PEDESTRIAN VOLUMES IN DOWNTOWN DARTMOUTH

OCHTERLONEY STREET



Note: November 2021 data is incomplete.

PORTLAND STREET



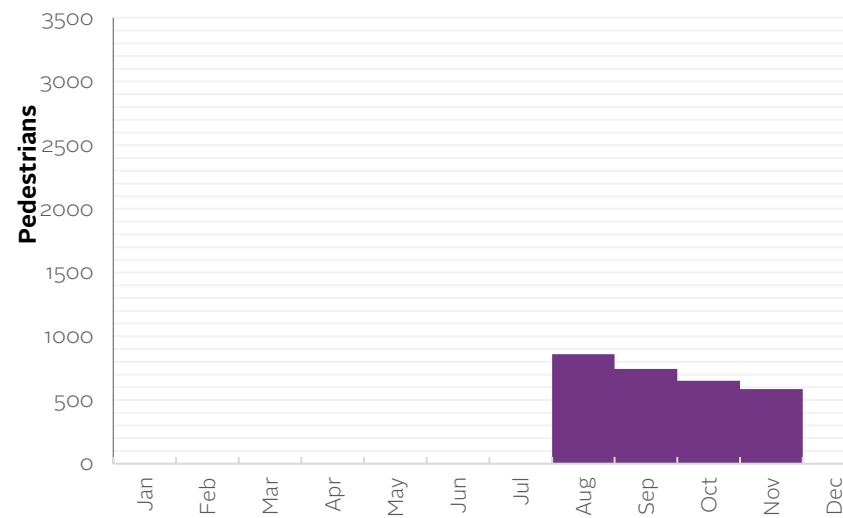
WEEKEND SUMMARY

Average Weekend Pedestrian Volumes

▼ 10% Compared to previous month

AVERAGE WEEKEND PEDESTRIAN VOLUMES ON THE DARTMOUTH HARBOURFRONT GREENWAY

DARTMOUTH HARBOURFRONT GREENWAY





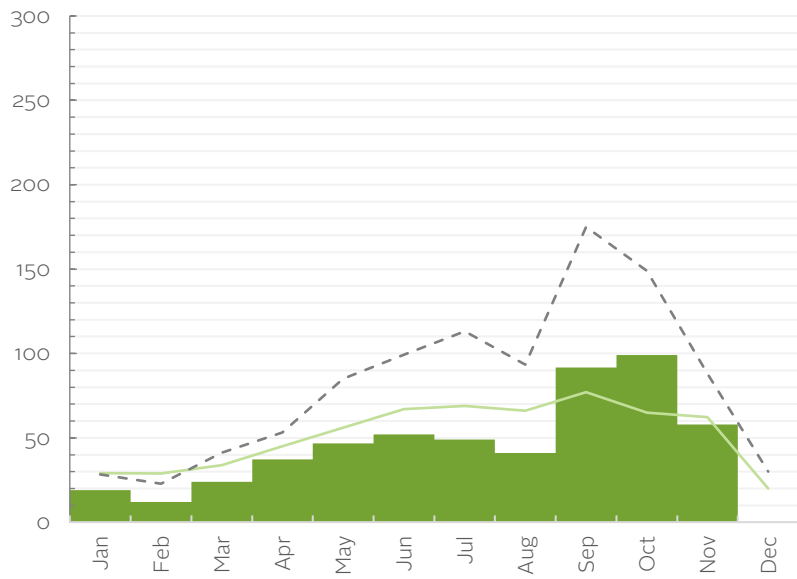
UNIVERSITY AVENUE BICYCLE LANE

AVERAGE DAILY WESTBOUND CYCLISTS

▼ **34%** Compared to November 2019

▼ **41%** Compared to previous month

AVERAGE DAILY CYCLISTS



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

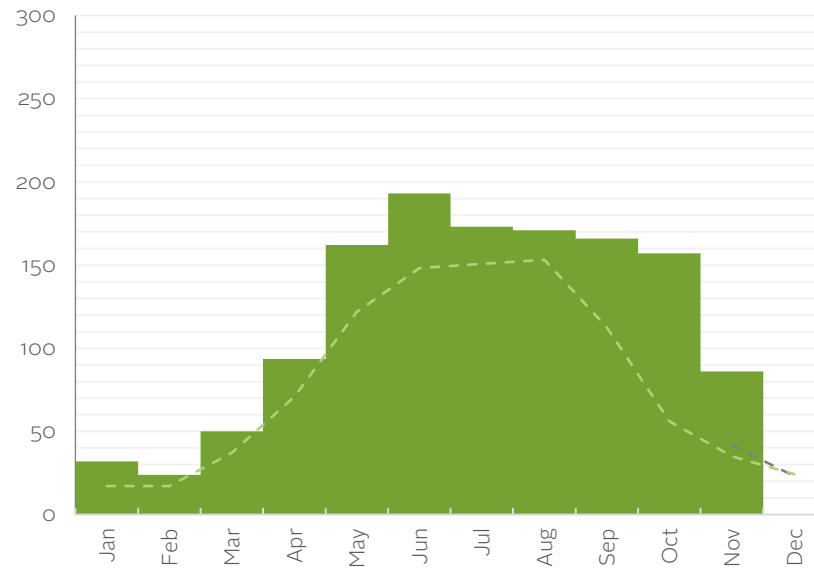
SOUTH PARK BICYCLE LANE

AVERAGE DAILY SOUTHBOUND CYCLISTS

▲ **105%** Compared to November 2019

▼ **45%** Compared to previous month

AVERAGE DAILY CYCLISTS

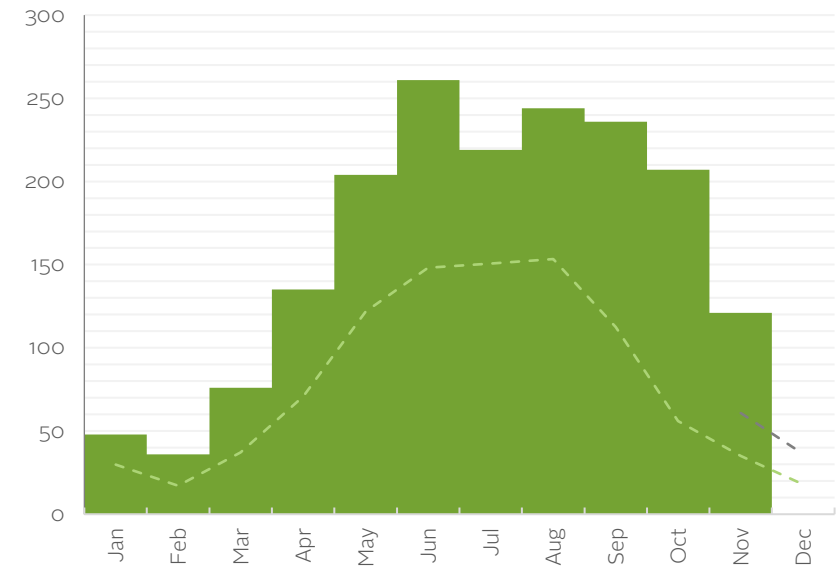


AVERAGE DAILY NORTHBOUND CYCLISTS

▲ **99%** Compared to November 2019

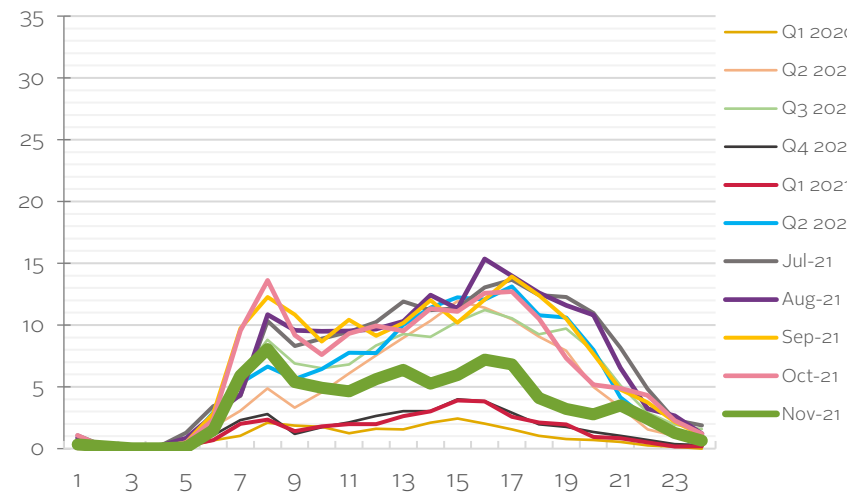
▼ **42%** Compared to previous month

AVERAGE DAILY CYCLISTS

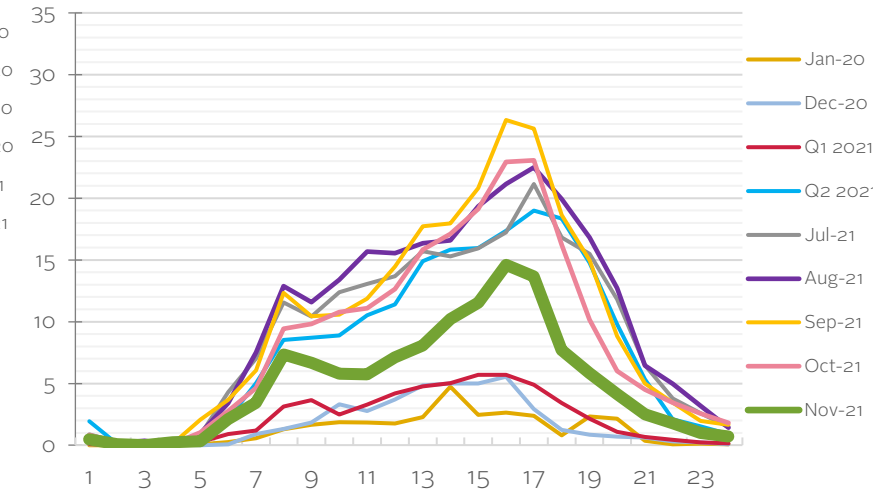


Note: the 2020 data for southbound cyclists on the South Park St bicycle lane have been used as a baseline for northbound cyclists on the South Park St bicycle lane since the northbound bike counter was not working for the majority of 2020.

AVERAGE HOURLY CYCLISTS



AVERAGE HOURLY CYCLISTS



2021 Data 2020 Data 2019 Data



HOLLIS STREET BICYCLE LANE

WINDSOR STREET BICYCLE LANE

VERNON-SEYMOUR LOCAL ST. BIKEWAY

AVERAGE DAILY SOUTHBOUND CYCLISTS

AVERAGE DAILY CYCLISTS – BOTH DIRECTIONS

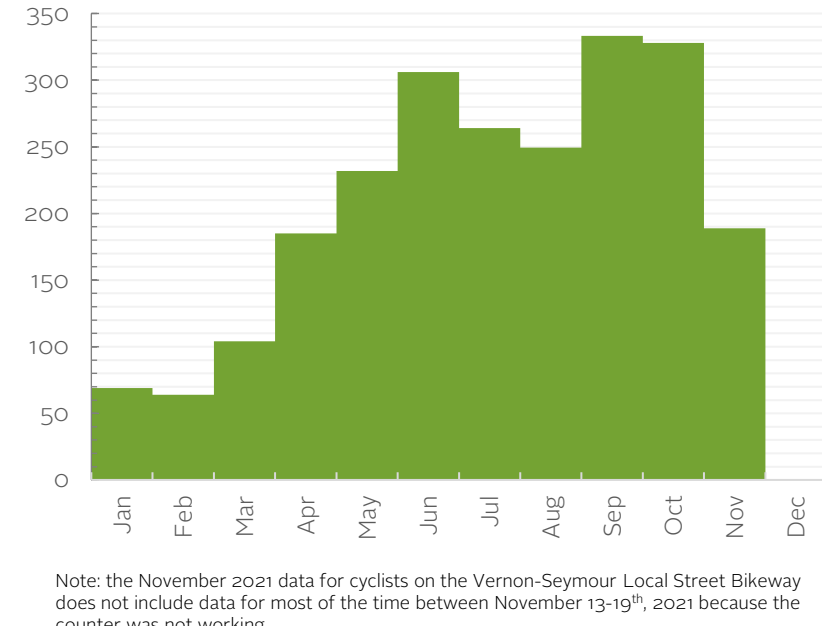
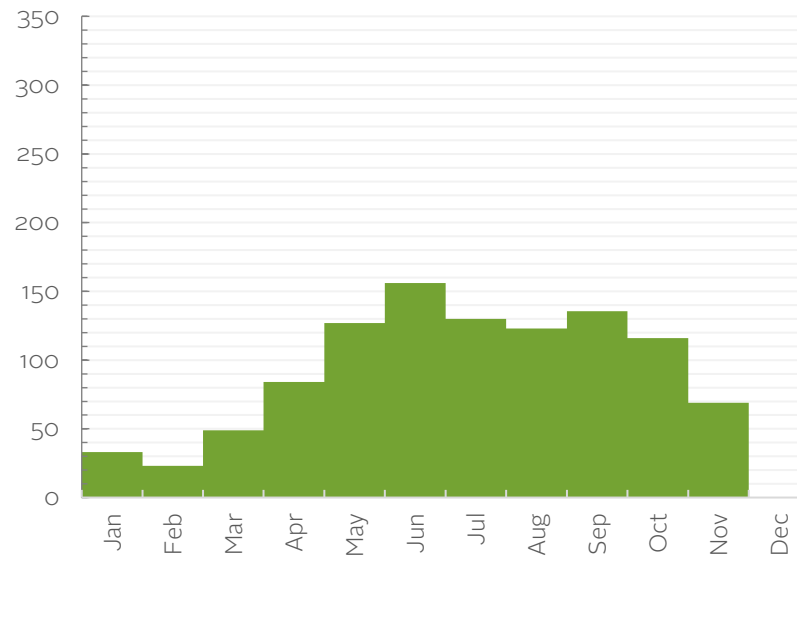
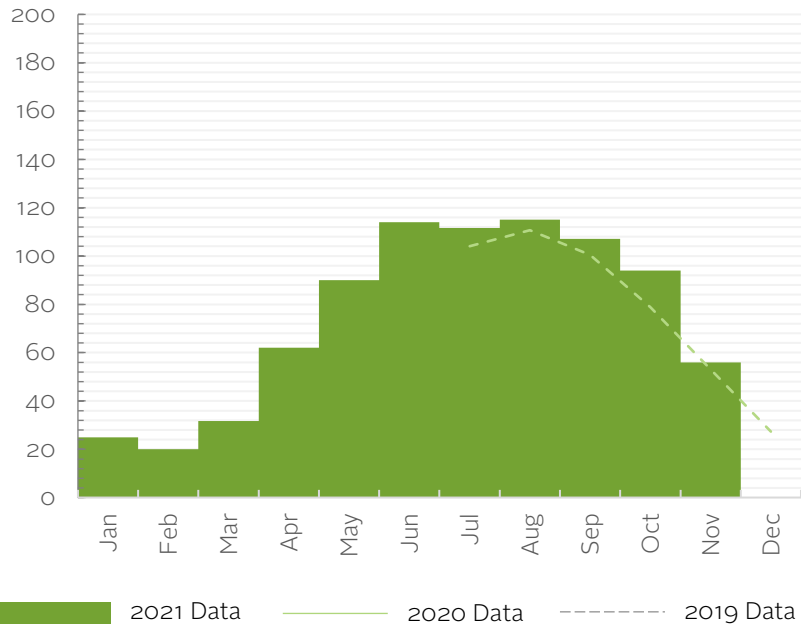
AVERAGE DAILY CYCLISTS – BOTH DIRECTIONS

▲ **5%** Compared to November 2020

▼ **41%** Compared to previous month

▼ **42%** Compared to previous month

▼ **40%** Compared to previous month

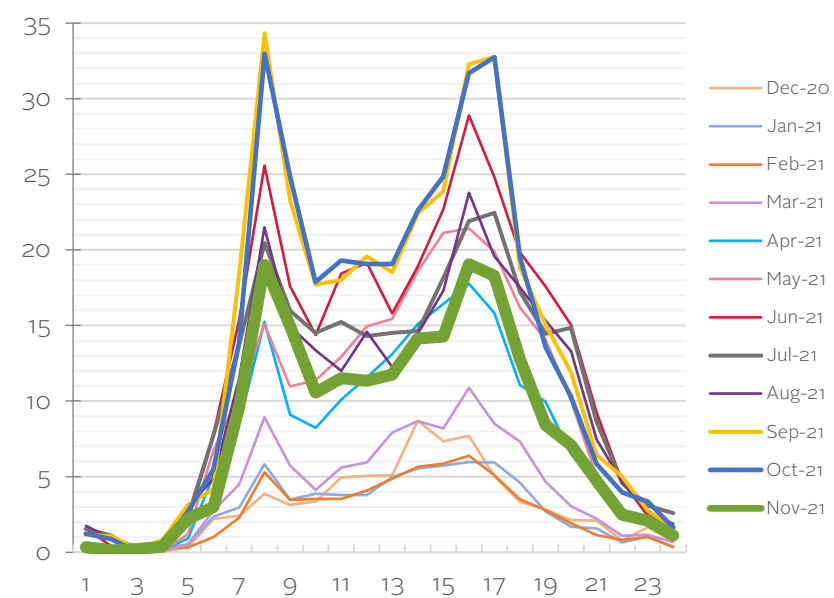
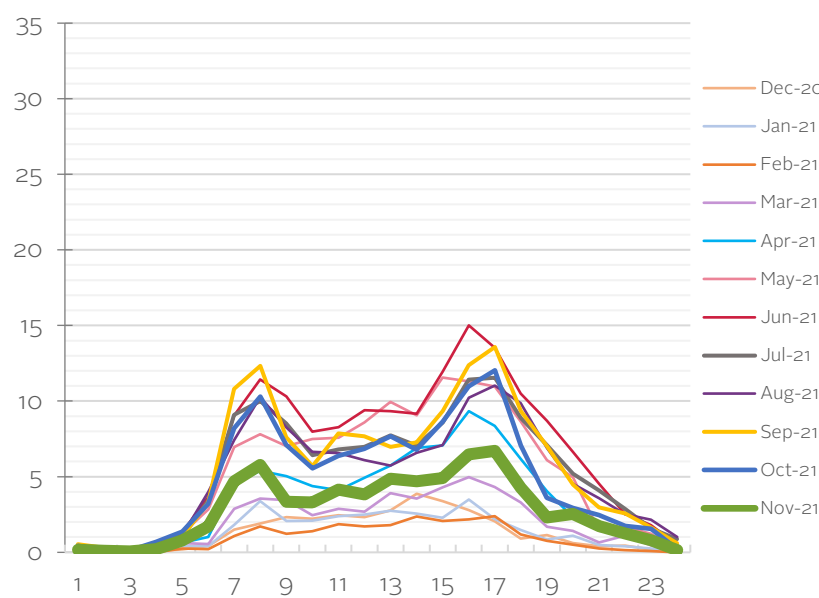
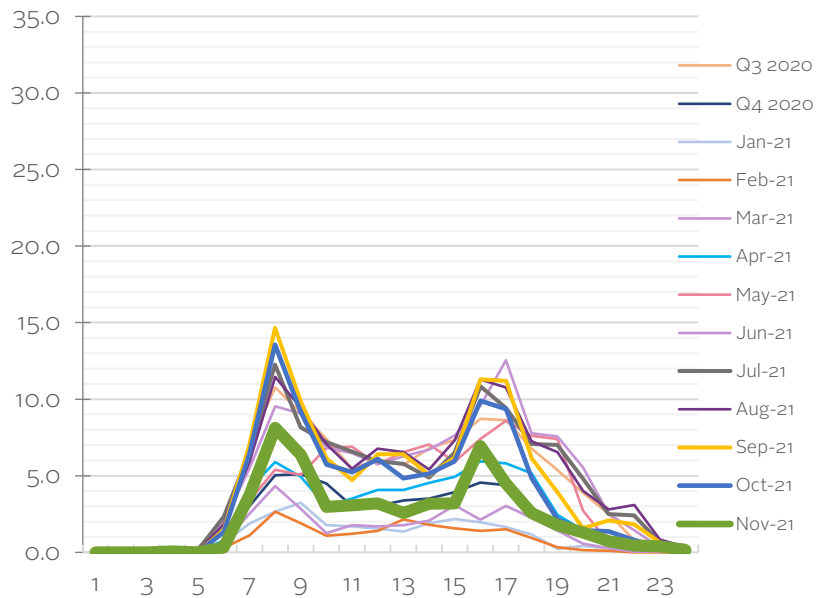


Note: the November 2021 data for cyclists on the Vernon-Seymour Local Street Bikeway does not include data for most of the time between November 13-19th, 2021 because the counter was not working.

AVERAGE HOURLY CYCLISTS

AVERAGE HOURLY CYCLISTS

AVERAGE HOURLY CYCLISTS

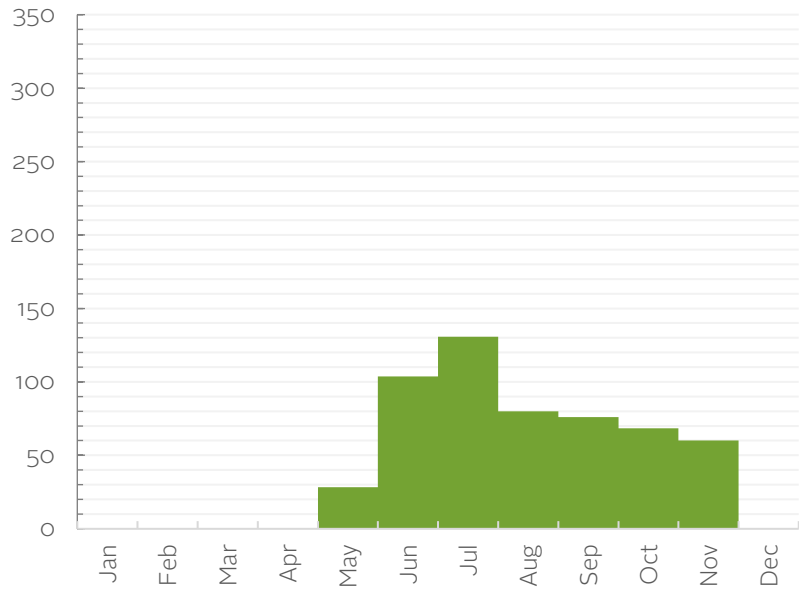




ARGYLE STREET

AVERAGE DAILY CYCLISTS

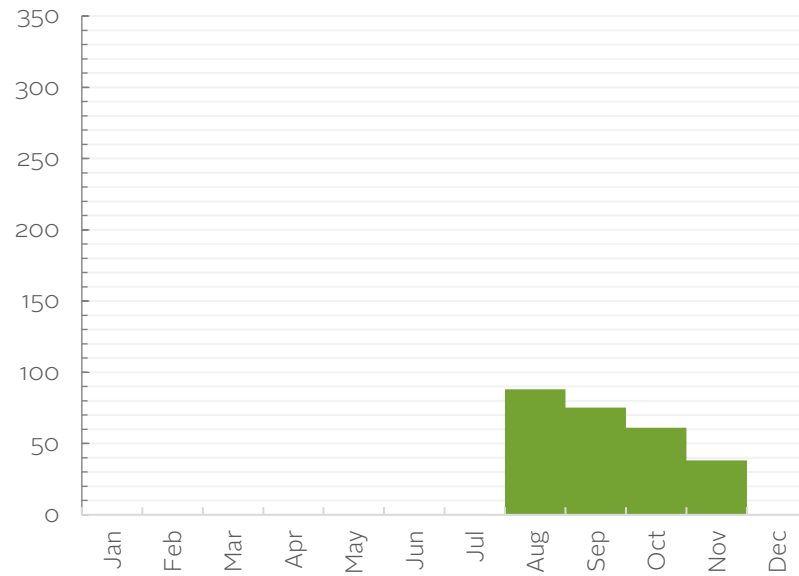
▼ **12%** Compared to previous month



DARTMOUTH HARBOURFRONT GREENWAY

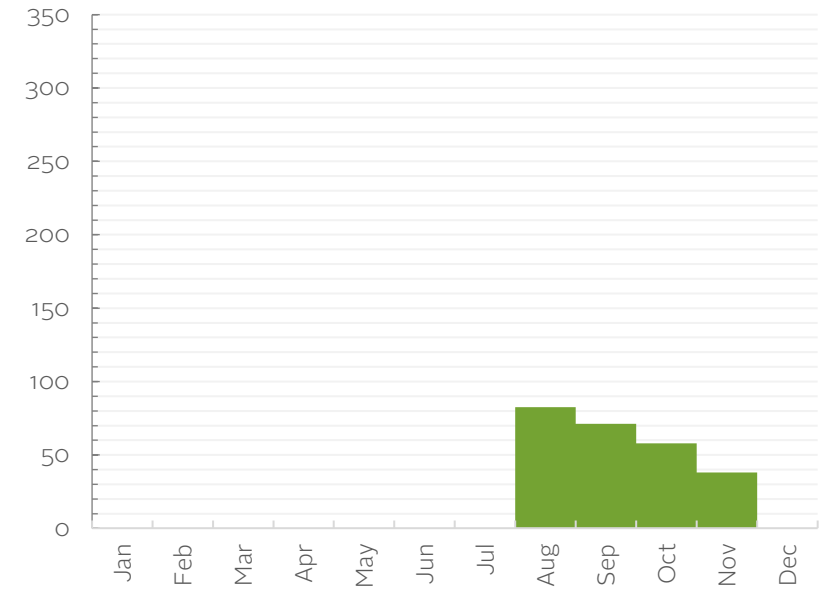
AVERAGE DAILY SOUTHBOUND CYCLISTS

▼ **38%** Compared to previous month



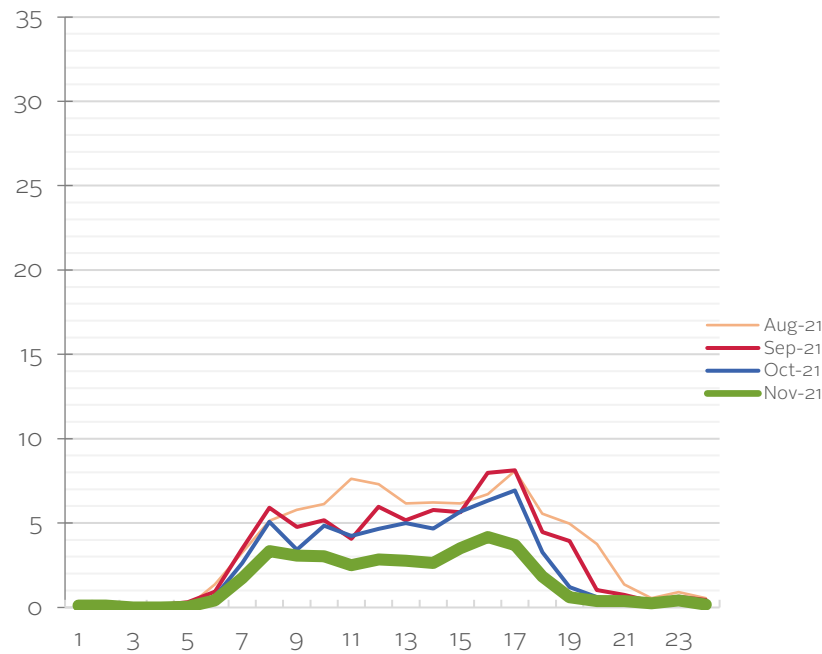
AVERAGE DAILY NORTHBOUND CYCLISTS

▼ **34%** Compared to previous month

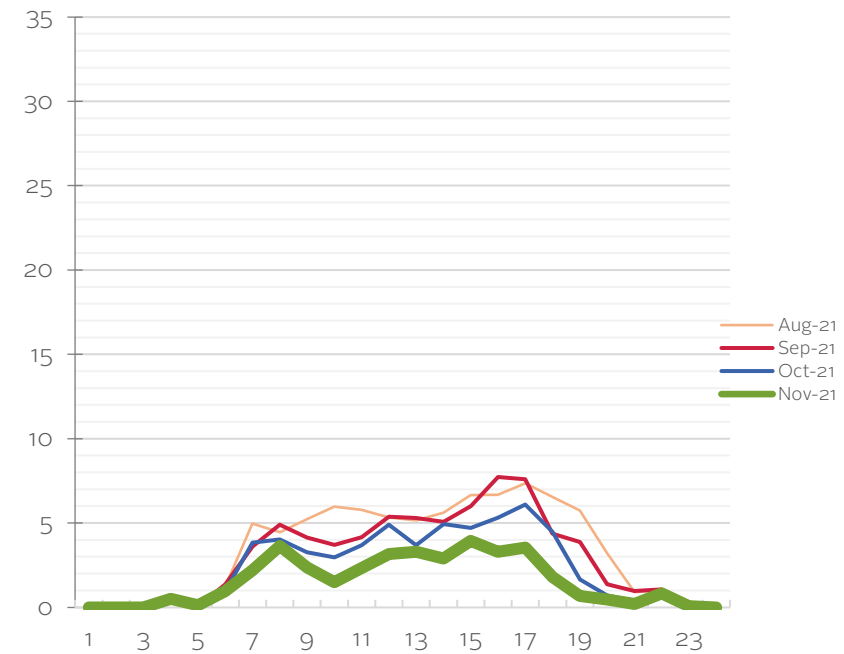


■ 2021 Data — 2020 Data - - - 2019 Data

AVERAGE HOURLY CYCLISTS



AVERAGE HOURLY CYCLISTS





WEEKDAY SUMMARY

TOTAL WEEKDAY BOARDINGS

▲ 25% Compared to November 2020



▼ 36% Compared to November 2019

▼ 5% Compared to previous month

▲ 52% Compared to November 2020



▼ 50% Compared to November 2019

▼ 23% Compared to previous month

▲ 27% Compared to November 2020

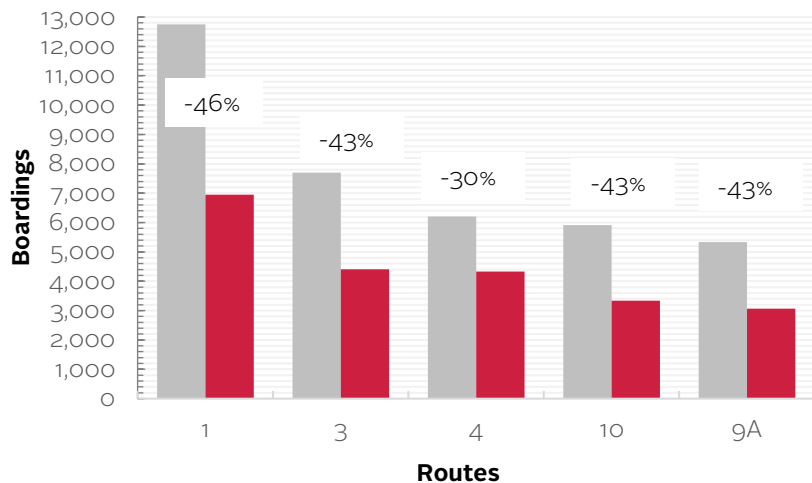


▼ 20% Compared to November 2019



▼ 4% Compared to previous month

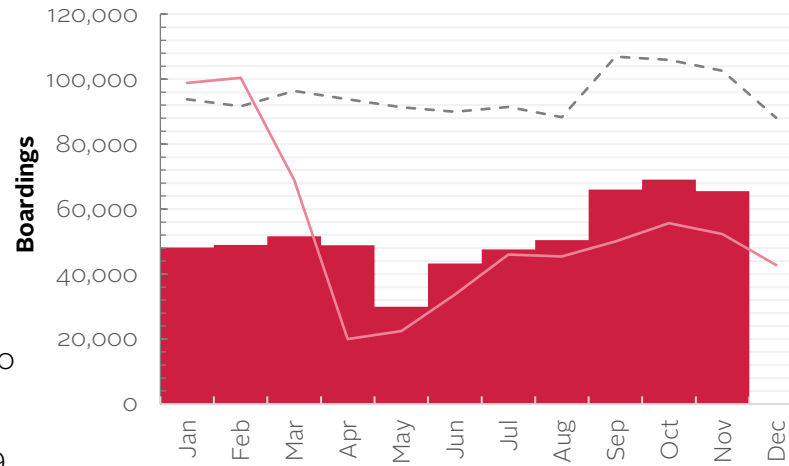
DAILY BOARDINGS FOR TOP 5 ROUTES (PRE-COVID)



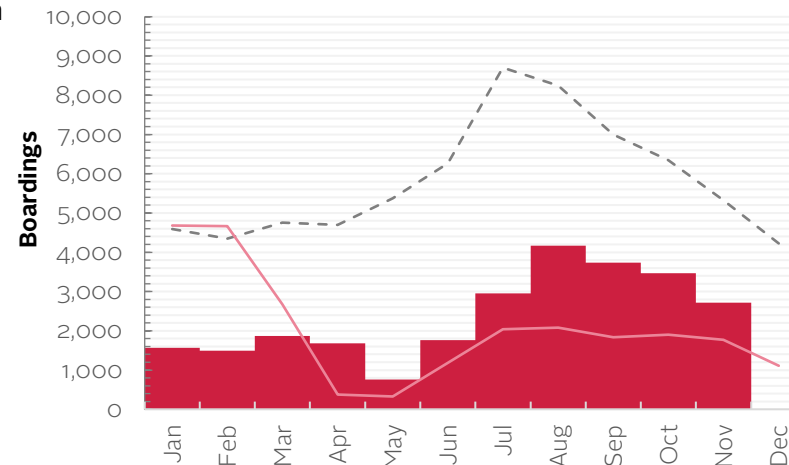
This data compares March 12, 2020 to November 25, 2021.

AVERAGE WEEKDAY BOARDINGS

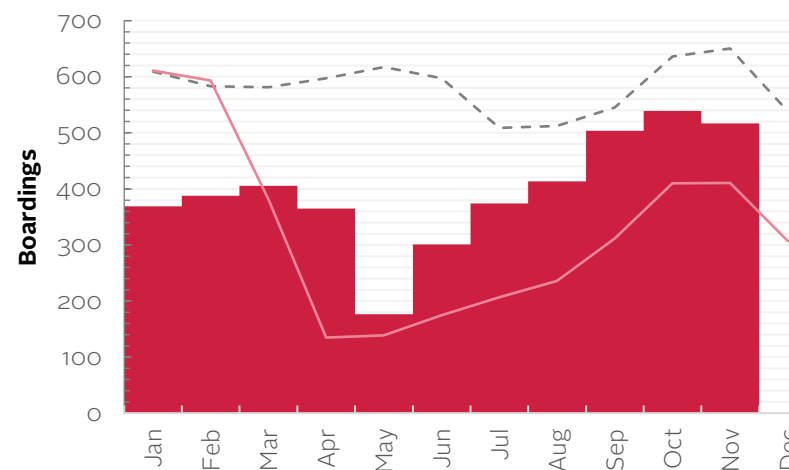
CONVENTIONAL BUSES



FERRY



ACCESS-A-BUS



TRANSIT'S RESPONSE (2020)

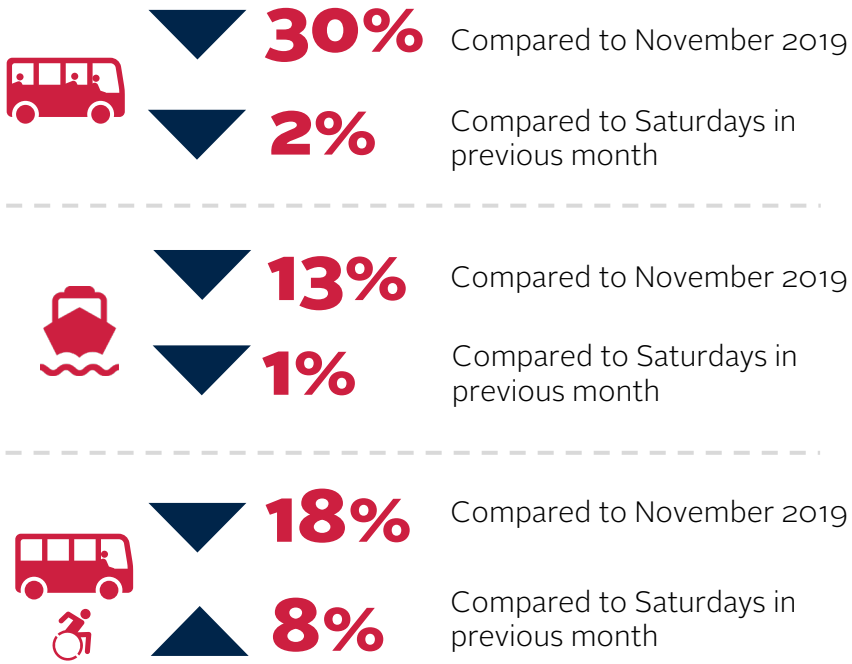
- 13-March ● First seat on buses is no longer available to riders
- 15-March ● Ferries capacity reduced to 150 per trip
Bus capacity limited to seating passengers only
- 18-March ● Passengers must use rear doors to board and exist
Suspended all fare collection on bus and ferry services
Ferry capacity 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

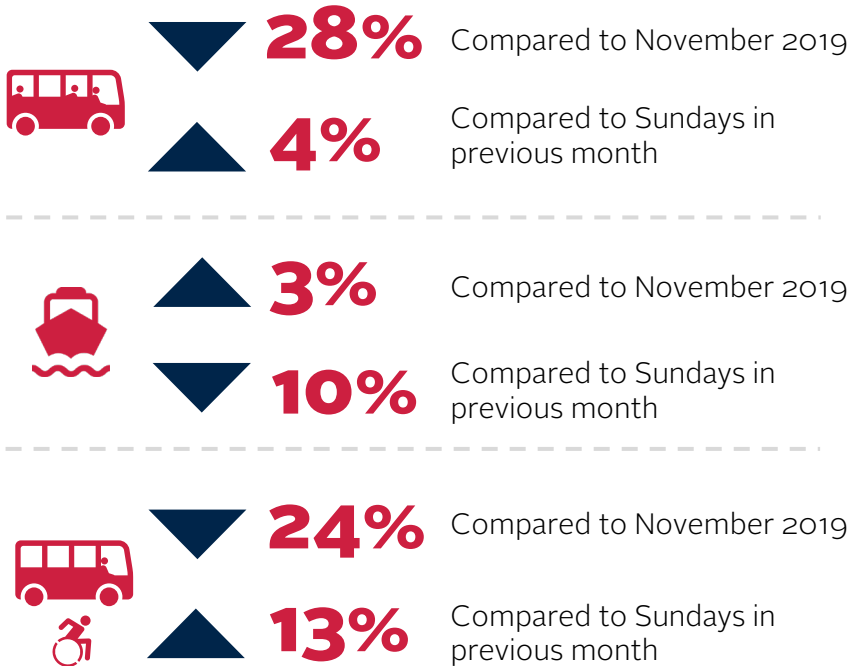


WEEKEND SUMMARY

SATURDAY BOARDINGS

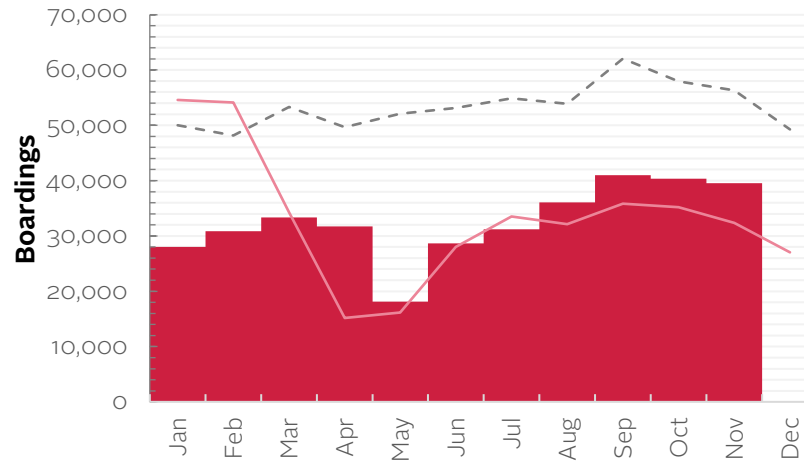


SUNDAY BOARDINGS



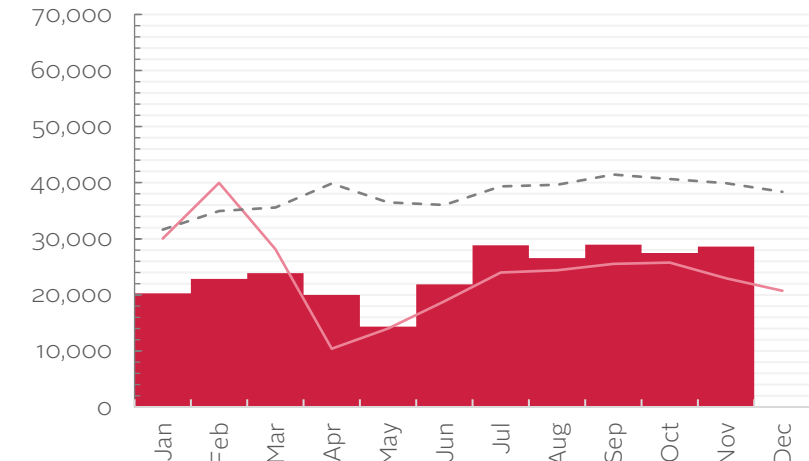
AVERAGE SATURDAY BOARDINGS

CONVENTIONAL BUSES

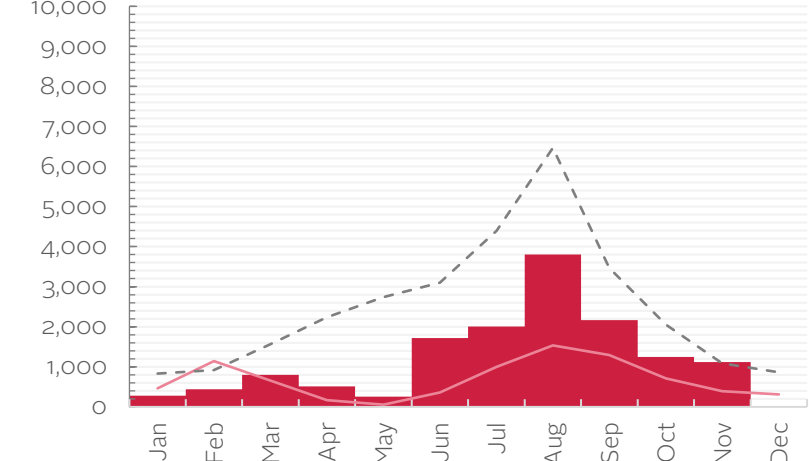
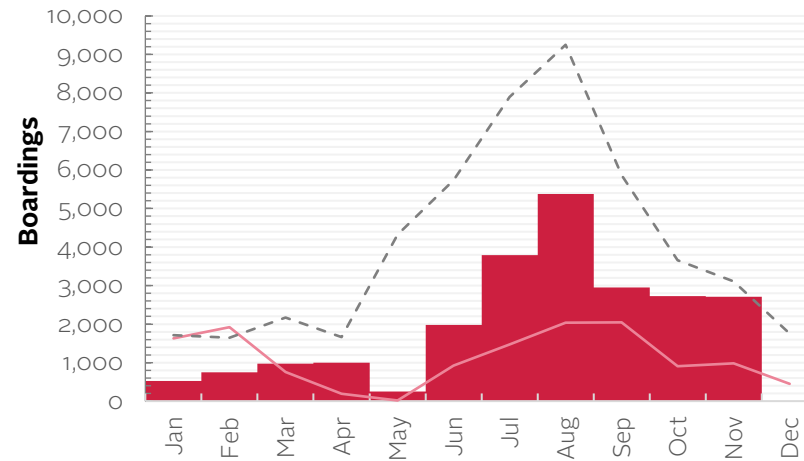


AVERAGE SUNDAY BOARDINGS

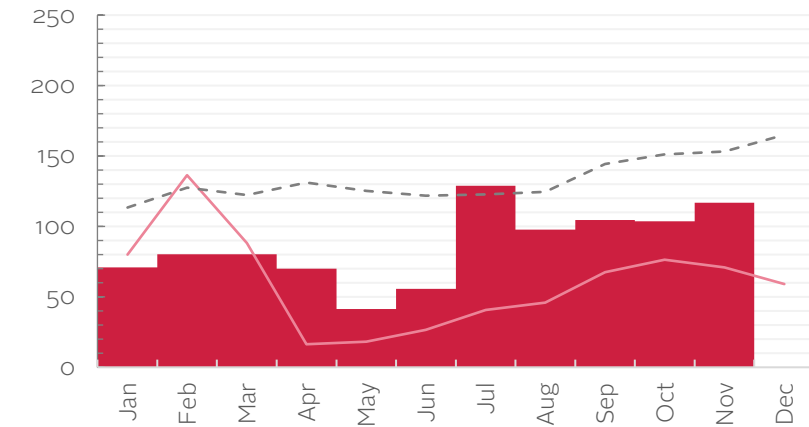
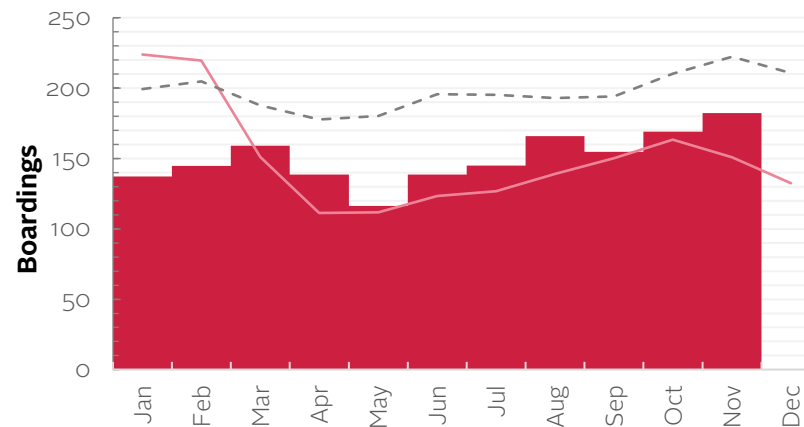
CONVENTIONAL BUSES



FERRY



ACCESS-A-BUS





BRIDGE VOLUMES

SUMMARY FOR BOTH BRIDGES

AVERAGE DAILY TRAFFIC

▲ **8%** Macdonald Bridge

▲ **11%** MacKay Bridge

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

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

▲ **1%** AM Peak

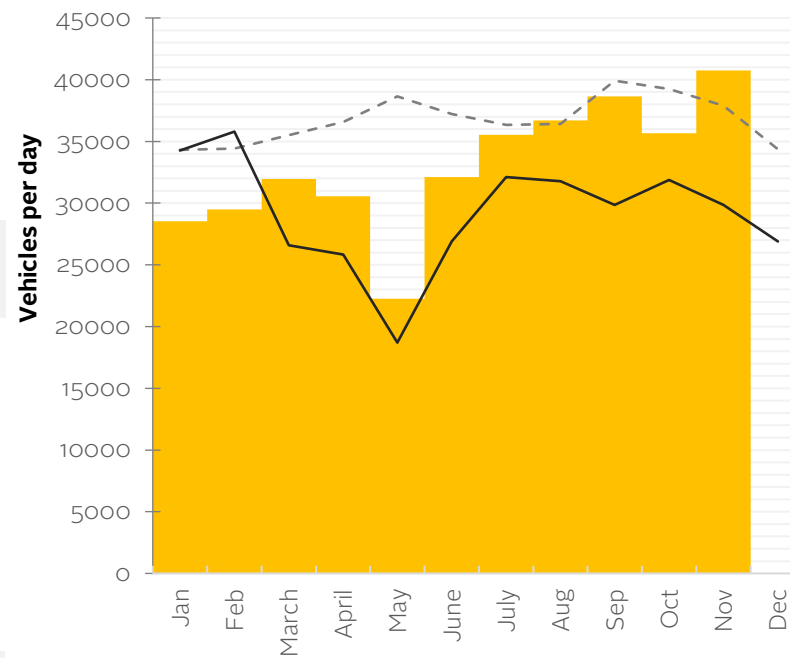
▲ **4%** PM Peak

▬ **0%** Off Peak

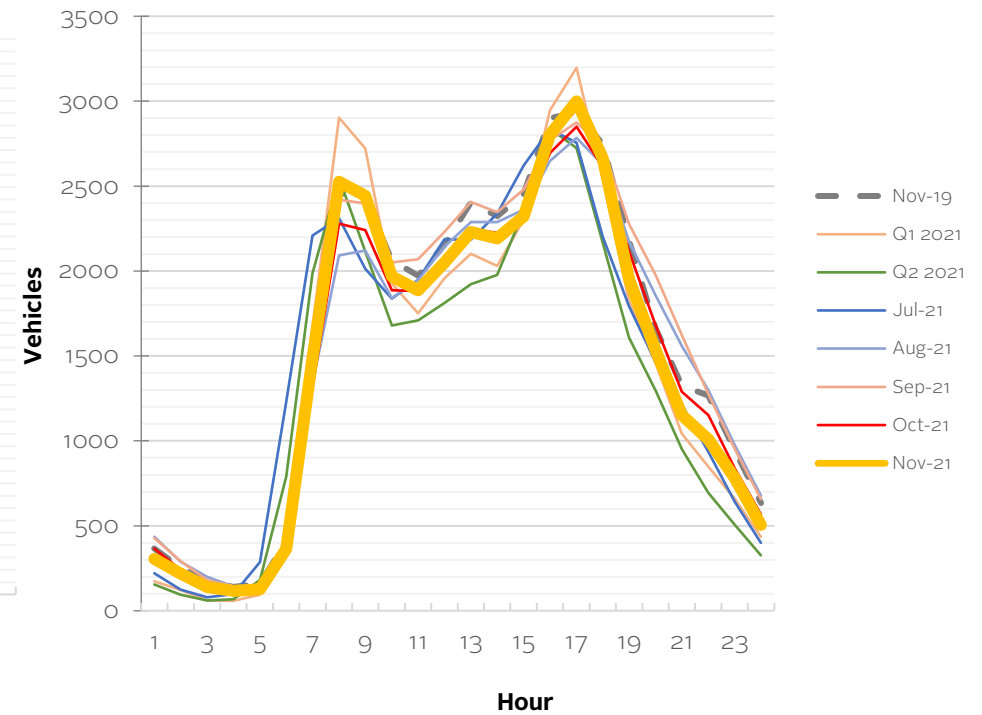
Data Source: Halifax Harbour Bridges

MACDONALD BRIDGE

AVERAGE DAILY TRAFFIC VOLUMES

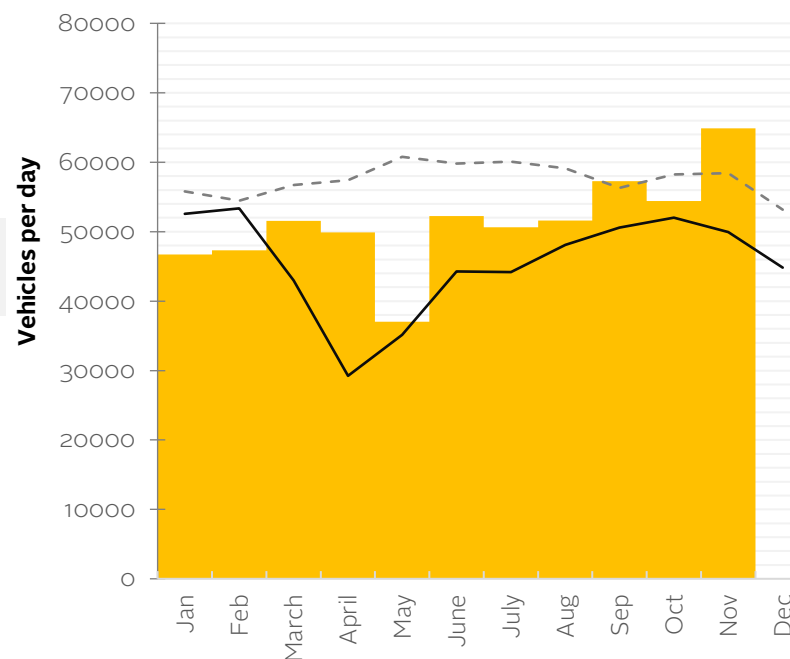


HOURLY TWO-WAY VOLUMES

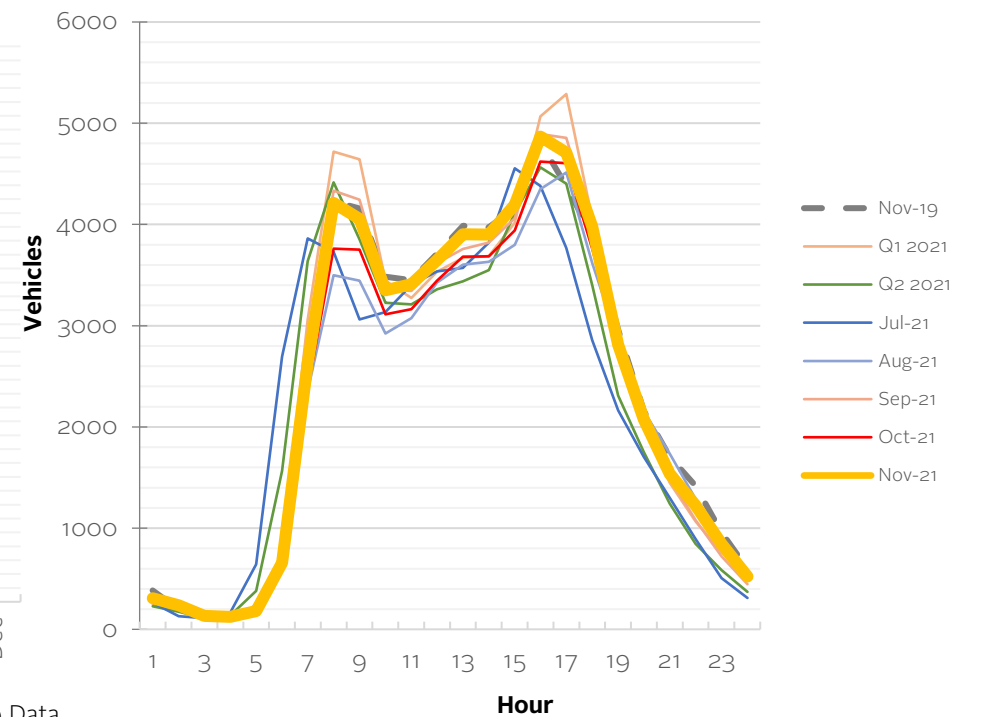


MACKAY BRIDGE

AVERAGE DAILY TRAFFIC VOLUMES



HOURLY TWO-WAY VOLUMES



2021 Data 2020 Data 2019 Data



SUMMARY FOR THE THREE INTERSECTIONS

AVERAGE WEEKDAY TRAFFIC

▲ **7%** Dunbrack Street at Farnham Gate

▲ **15%** Larry Uteck Boulevard at Kearney Lake Road

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

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

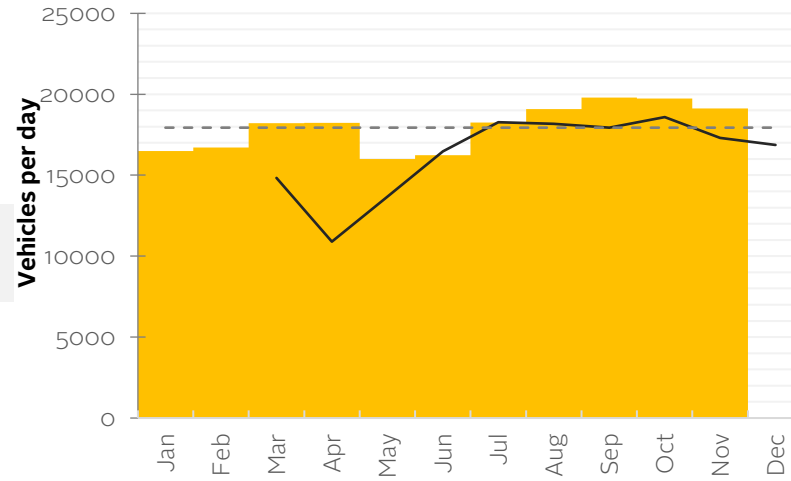
▼ **4%** AM Peak

▲ **11%** PM Peak

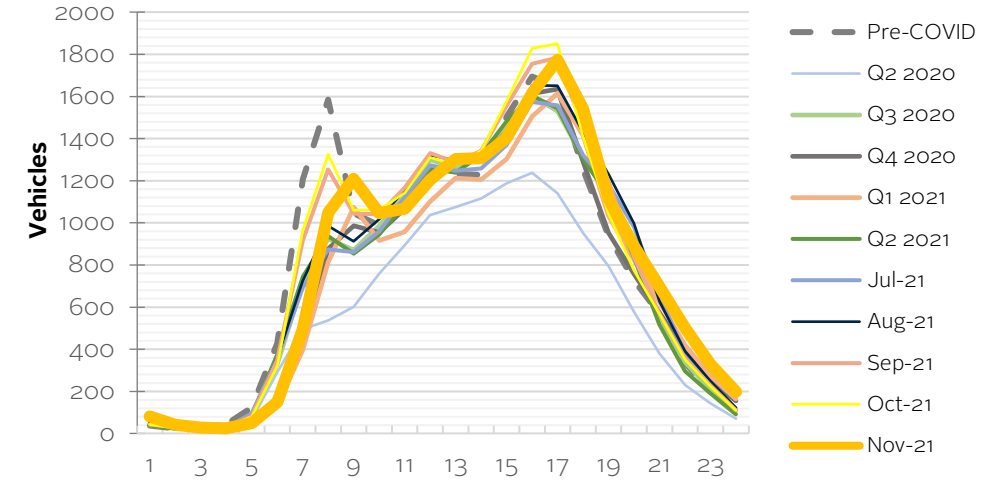
▲ **16%** Off Peak

AVERAGE WEEKDAY TRAFFIC AT SUBURBAN INTERSECTIONS

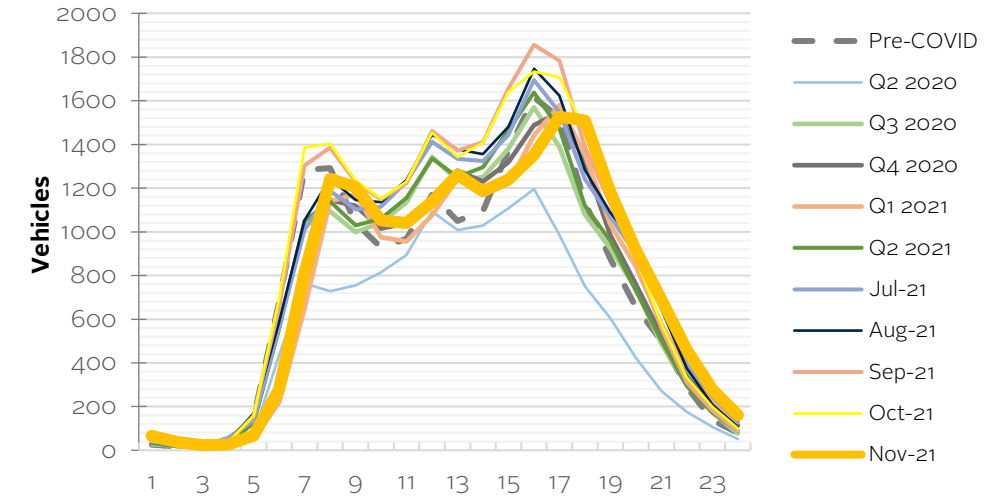
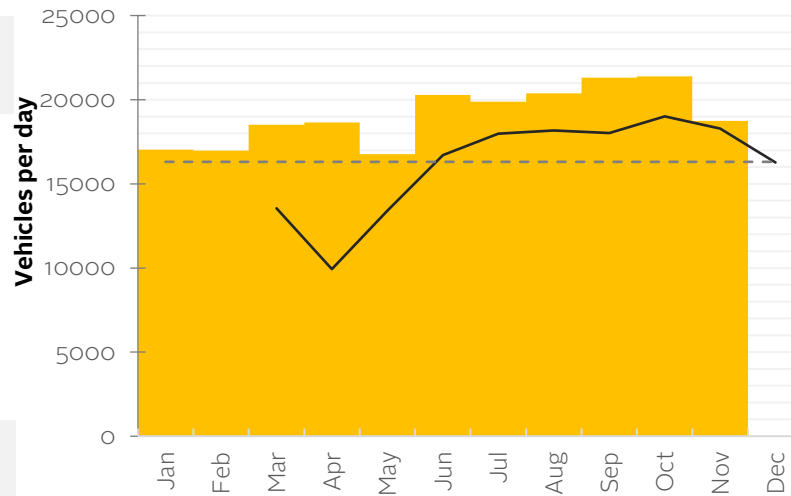
Dunbrack Street at Farnham Gate



AVERAGE WEEKLY HOURLY VOLUMES AT SUBURBAN INTERSECTIONS



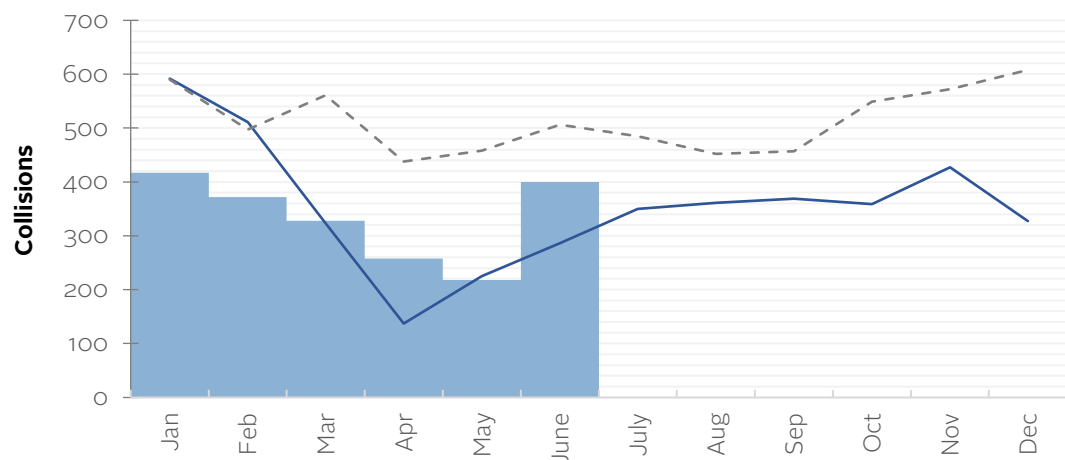
Larry Uteck Boulevard at Kearney Lake Road



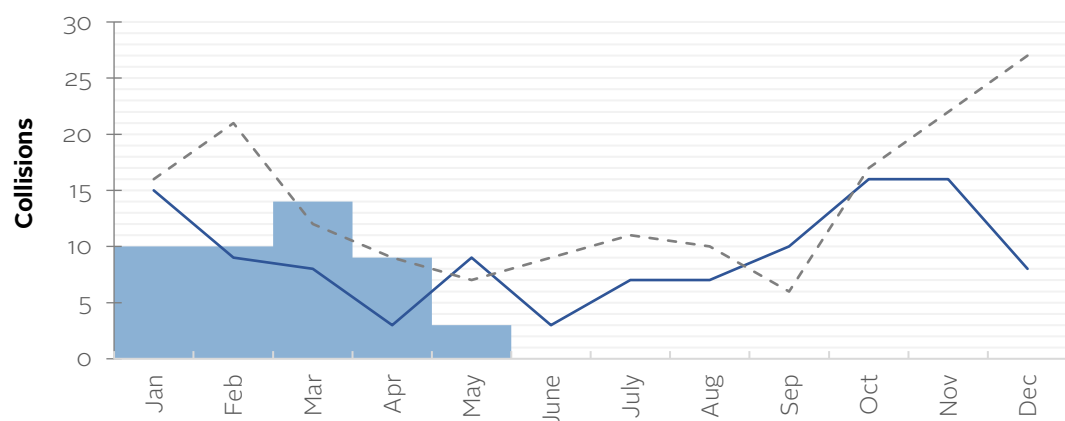


COLLISION DATA

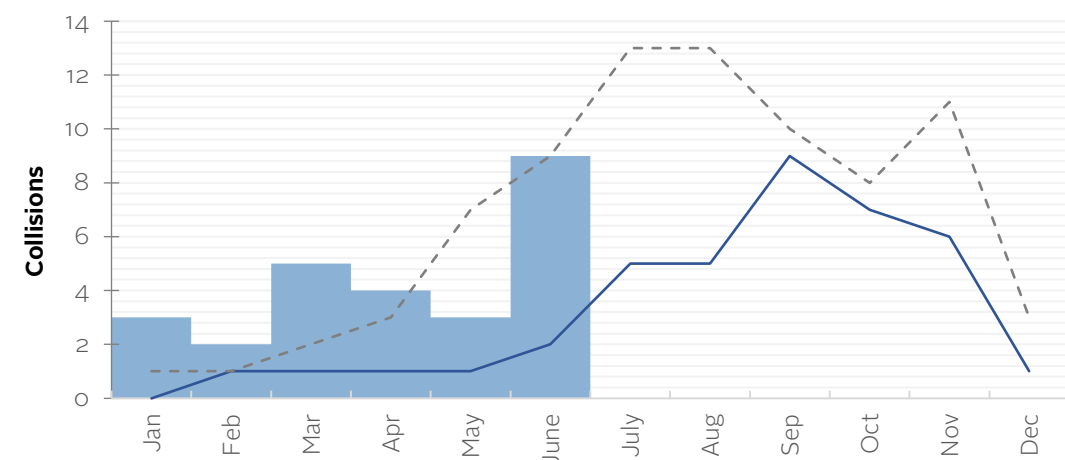
Total Collisions



Total Collisions Involving Pedestrians

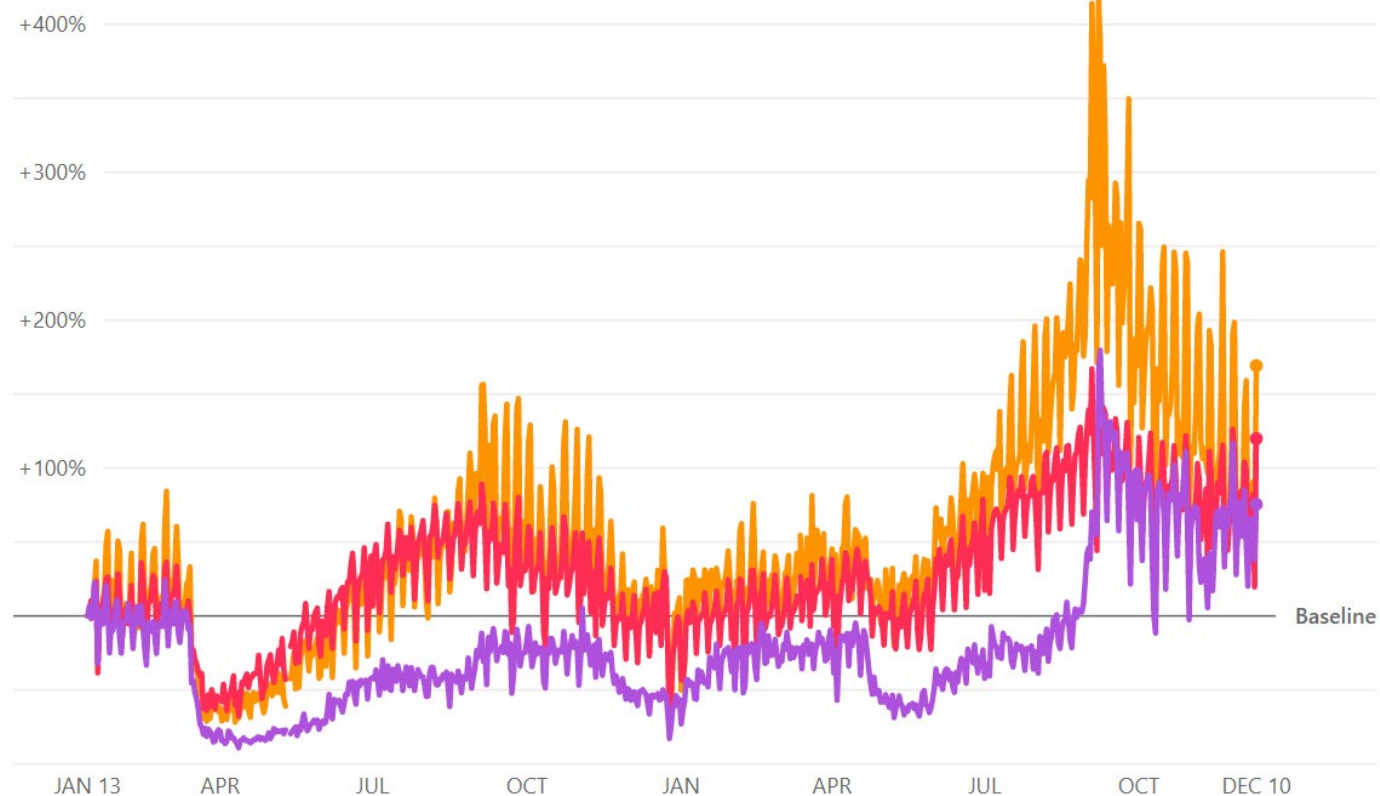


Total Collisions Involving Cyclists



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

APPLE MOBILITY INDEX



- Walking +169%
- Driving +120%
- Transit +75%

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