

CITY OF VANCOUVER 2022

# Transportation Snapshot



2022

## 2022 HIGHLIGHTS



**51%**

of all daily trips were made by active transportation and transit



**16%**

of all trips were by transit, rebounding to near pre-pandemic levels



**64%**

of children under 12 used active transportation or transit to travel to and from school



**500**

e-bikes were added to the Mobi by Rogers bike share fleet

*Note: At the publishing of this document, Vancouver's public bike share system is now known as Mobi by Rogers, after undergoing a rebrand to welcome Rogers as the new presenting partner in 2023.*

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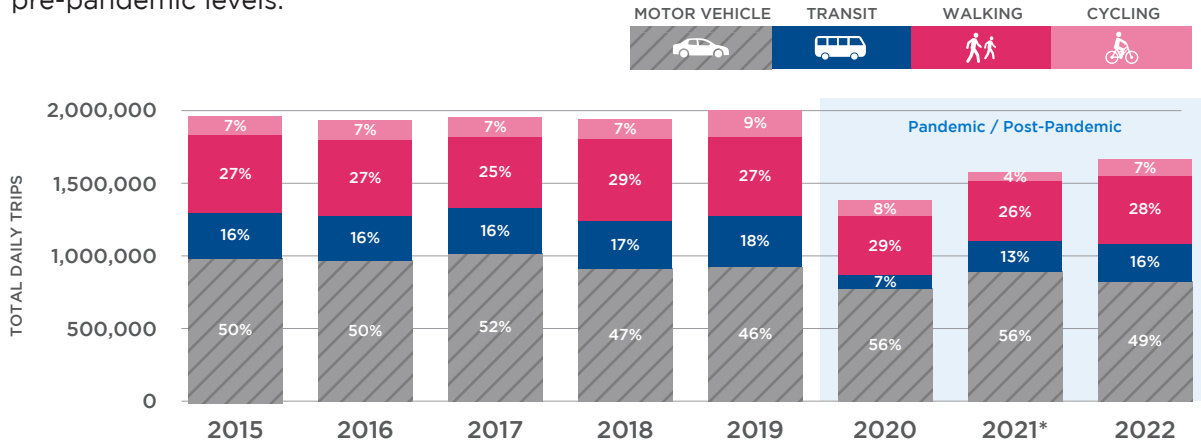
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The City of Vancouver acknowledges that it is situated on the unceded traditional territories of the xʷməθkʷəy̓əm (Musqueam), Skwxwú7mesh (Squamish), and səliłwətaʔ (Tsleil-Waututh) Nations.



# More people are taking active transportation and transit

51% of trips were taken by walking, biking, or transit in 2022, just 3% below pre-pandemic levels.



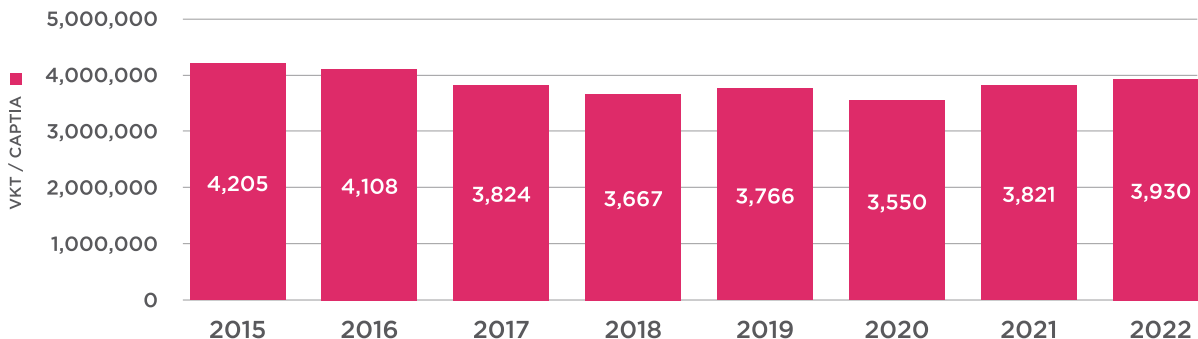
Source: 2022 Vancouver Transportation Survey

Note: Figures presented for individual categories may not sum to the reported total across those categories due to rounding.

\*In 2021, methodological changes were introduced to reach a more comprehensive sample source. Despite this change, one can expect that the meaningful differences in the results from year-to-year signal actual changes in the population and/or travel patterns.

# Average vehicle kilometres travelled (VKT) increased slightly

The average distance driven by Vancouver residents was 3,930 km/person in 2022, slightly higher than pre-pandemic levels. However, people are still driving less today on average than they were prior to 2017.



Source: 2022 Vancouver Transportation Survey



## Where are people walking?

Walking mode-share is the highest in the West End, representing more than half of all trips (53%). False Creek also had a high walking mode-share, with around 46% of residents walking as their primary mode per trip.

## E-scooters grow in popularity

In 2021, Vancouver City Council approved the use of privately owned e-scooters along protected bicycle lanes and minor streets as part of a Province-led three year pilot project. The observed volumes of e-scooters has increased five-fold from 2020 to 2022. They are more concentrated in and around downtown and represent between 1% to 11% of devices counted on bike lanes.

### DID YOU KNOW?

Approximately 5% of households own an e-scooter or other micromobility device, growing from 11,700 devices in 2021 to 20,200 devices in 2022.

*Source: 2022 Vancouver Transportation Survey*



# Building a safer city for walking & rolling

In 2022, we continued to expand safer and more accessible infrastructure for people walking and rolling.

**8**

**Accessible pedestrian signals installed**

These buttons feature tones and vibrations to help people with visual impairments safely cross the street.



**31**

**Walk times adjusted**

Longer walk times mean improved safety for people of all ages, including children and the elderly.

**16**

**Leading Pedestrian Intervals installed (LPis)**

LPis allow people to start walking while the light is red for vehicles. This improves pedestrian visibility and safety by giving them a head start into the intersection.



**278**

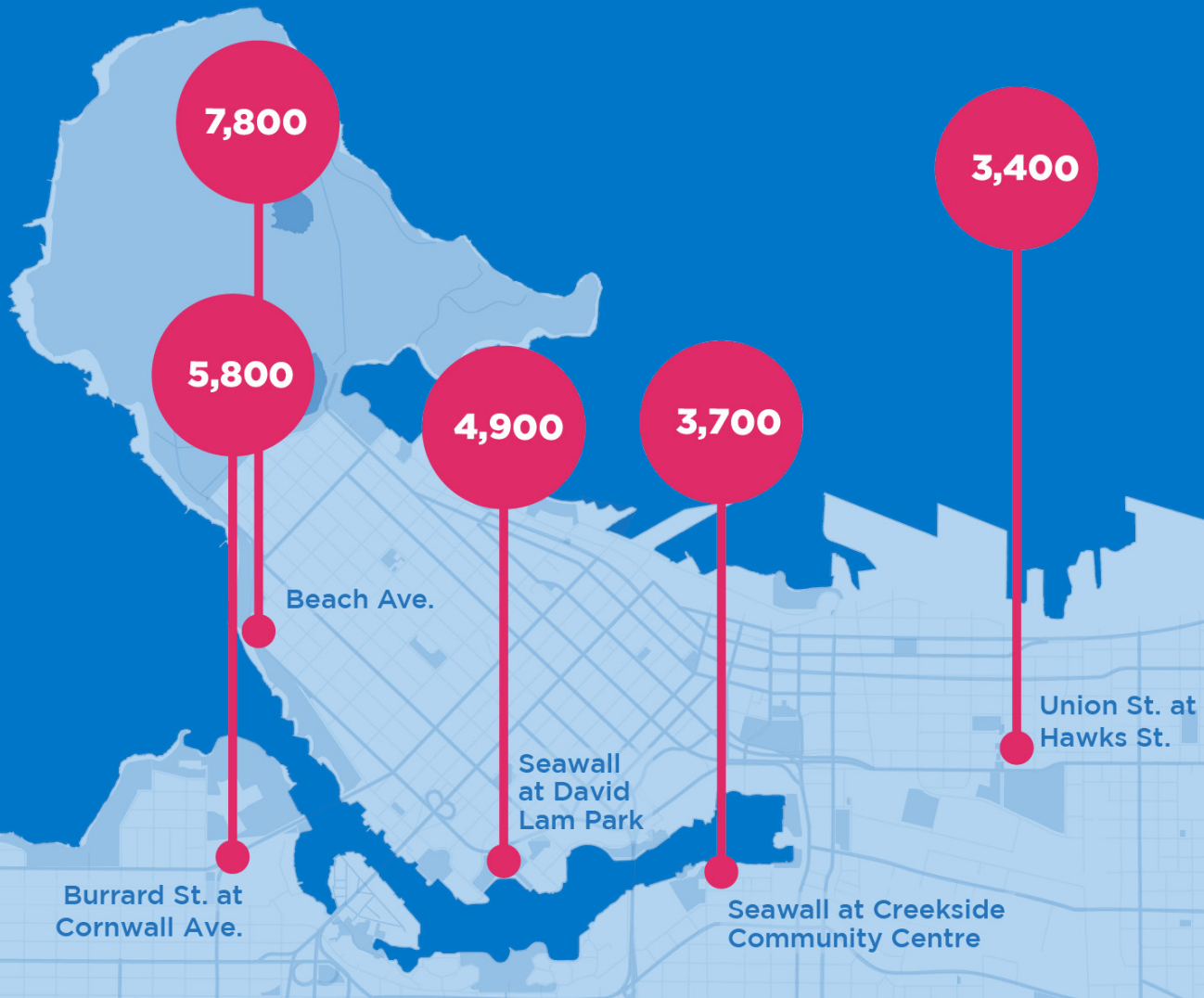
**Curb ramps installed**

Curb ramps on street corners provide improved access for people using strollers, wheelchairs, walkers, canes, and other mobility aids.



# Where are people cycling?

There are permanent and temporary bike counters across the city that are used to evaluate the popularity and use of bicycle routes. Average daily counts show cycling as a continued popular activity in the summer of 2022.

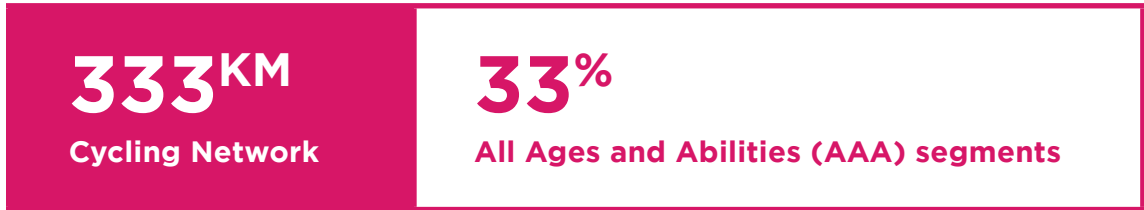


Source: City of Vancouver

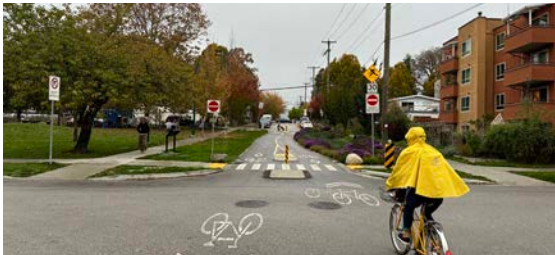
Note: Counts are rounded to the nearest hundred

# The cycling network at a glance

Our cycling network continues to expand, with high quality routes that make cycling safer and more comfortable for all ages and abilities.



## 2022 Project Highlights



Upgrades to Woodland Drive and East 2<sup>nd</sup> Avenue created an accessible walking and cycling route with added green space and rainwater infrastructure.



Protected bike lanes were installed along the 10<sup>th</sup> Avenue Hospital Precinct between Heather Street and Ash Street, making the facility comfortable for All Ages and Abilities (AAA).

## Importance of bike parking

Up to 36% of residents would cycle more if they had access to more secure and convenient bicycle parking facilities.

Source: 2022 Vancouver Transportation Summer Survey

## DID YOU KNOW?

Vancouver residents own an estimated 329,000 bicycles and 31,700 e-bikes, equivalent to around half of the City's population. The number of e-bikes increased by over 50% in the last year!

Source: 2022 Vancouver Transportation Survey





## Leaders in transit ridership recovery

The Metro Vancouver region continues to be a leader in transit ridership recovery compared to peer cities in North America. In fall 2022, TransLink was the first to reach 80% system-wide ridership as compared to pre-pandemic levels. Bus ridership continued to recover the strongest of all transit modes, reaching 80% of 2019 volumes in fall 2022.

In Vancouver, transit accounted for approximately 16% of daily trips in 2022, as compared to 18% in 2019.

*Source: 2022 Vancouver Transportation Survey & 2022 Transit Service Performance Review ([translink.ca/-/media/translink/documents/plans-and-projects/managing-the-transit-network/tspr/2022\\_transit\\_service\\_performance\\_review.pdf](https://translink.ca/-/media/translink/documents/plans-and-projects/managing-the-transit-network/tspr/2022_transit_service_performance_review.pdf))*

## Broadway Subway Project

The City continued to support the Province and their contractor on the construction of the Broadway Subway Project through construction coordination, traffic and parking management and stakeholder and public engagement. Once opened, the subway will have the capacity to move more than three times as many people as the current 99 B-Line, relieving congestion along Broadway and supporting growth in the area.

Key to this year was the City's business awareness social media campaign encouraging members of the public to support businesses affected by construction.

### DID YOU KNOW?

**Approximately 2.8 million unique customers used the TransLink system at least once in fall 2022.**

*Source: 2022 Transit Service Performance Review*



## Bus priority enhancements

In Metro Vancouver, 63% of all transit boardings are made on buses. We continue to increase the capacity and prioritize buses on our streets so that people can depend on buses to be on-time, fast, and reliable. This includes improving the comfort, accessibility, and safety at over 1,800 bus stops in the city.

### 2022 Highlights

#### Bus Lanes on Burrard St.

On Burrard St. in downtown, the bus lanes were extended for both morning and afternoon peak periods in both directions. During these busy times, 40-60% of all trips on the corridor are on buses.

Across the city there are now 66.4 km of bus lanes in operation during specific times or all day on weekdays.

#### Bus Bulbs in Kitsilano

In the busy shopping areas on West 4<sup>th</sup> Ave. and on Cornwall Ave., we extended bus stops and installed a total of 7 bus bulbs. These improved the comfort and travel time of bus rides, and also created more sidewalk space for people shopping and waiting for the bus.

#### Bus Stop Balancing

Bus stops were balanced for more consistent spacing on Routes 4 and 7. With improved stop spacing and bus bulbs, transit riders now save up to 5 minutes or 7% of their time during the peak periods. By making these routes more efficient, TransLink reinvested the operating cost savings to launch a new bus route (Route 80) connecting Marine Drive Station and the River District.



## Bike share grows, adds e-bikes

Mobi by Rogers added 500 e-bikes to their fleet in 2022. An additional 40 stations were installed across the City, expanding the service area to reach more neighbourhoods. Ridership is higher than ever with over 250,000 unique individuals having used the service since launch.

Mobi expanded their Community Pass program for low-income individuals and persons with disabilities to include e-bikes in this affordable pass.

# 2,500

bikes in the system

# 250

stations in the system

# 928,296

total trips in 2022

# 700+

Community Pass members

Source: *Mobi by Rogers*

### DID YOU KNOW?

Since the launch of Mobi in 2016, the total distance biked is the equivalent of cycling the circumference of the earth over 300 times!





# Car share membership continues to recover

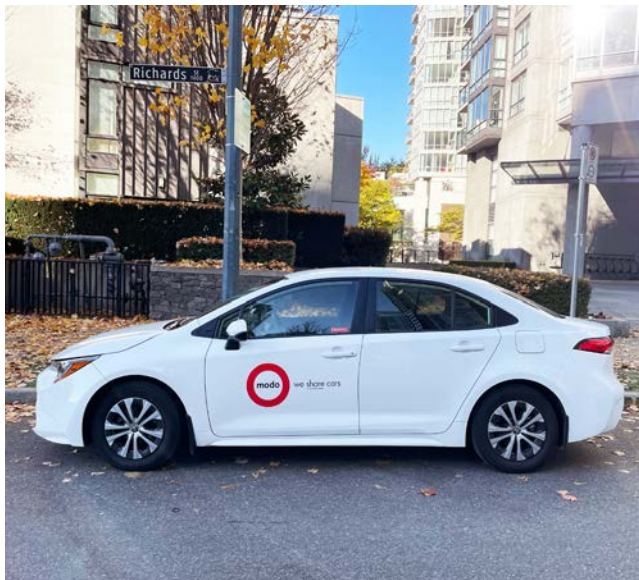
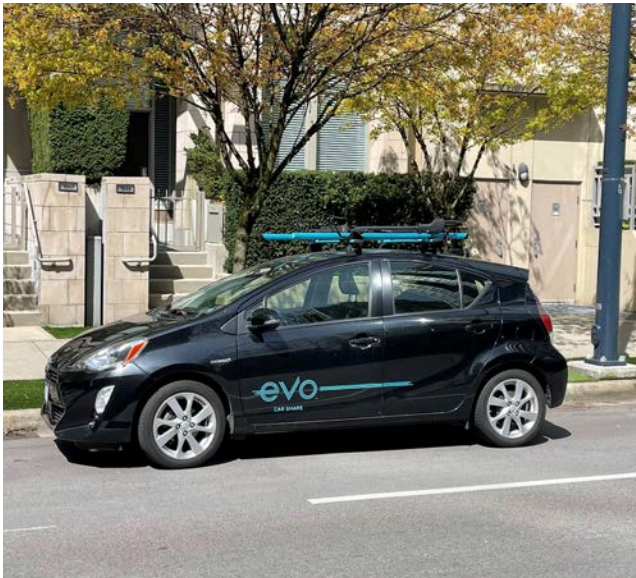
The percentage of Vancouver residents with at least one car share membership has recovered to 34%, compared to 37% in 2019.

In 2022, there were 2,662 active car share vehicles operating in the City of Vancouver, a 10% increase in one year.

**One-Way Car Share**

Evo allows for flexibility in pick-up and drop-off locations, as members do not need to return vehicles to the original parking location.

Evo vehicles can end their trips in time limited zones, residential permit zones, and also metered parking spaces.



**Two-Way Car Share**

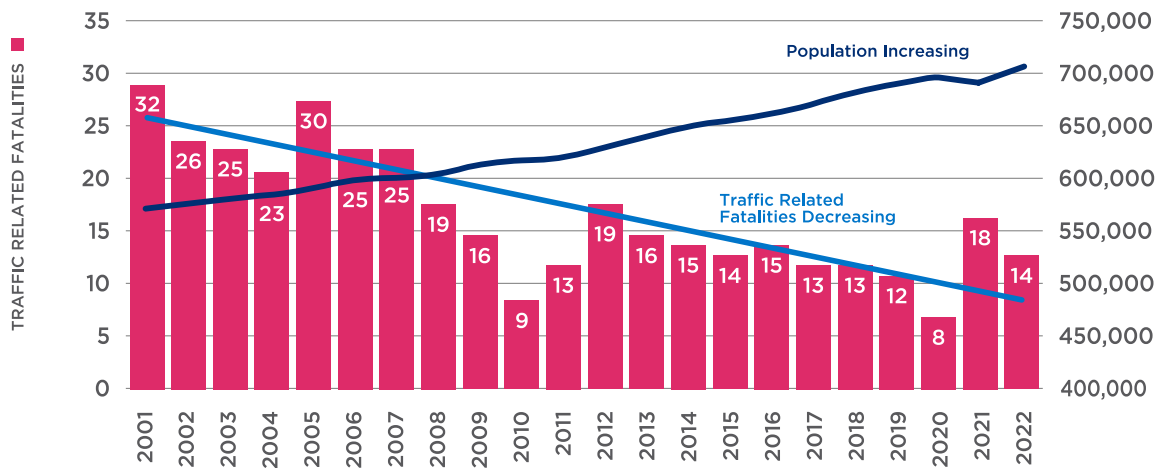
Modo provides access to a diverse fleet of vehicles, suitable for longer trips with larger vehicles. Members pick-up and return vehicles at the home parking location.

Modo vehicles can stop in time limited zones, residential permit zones, and metered parking spaces for up to 2 hours while actively rented.

# Working towards a safer future

We continue to work towards our goal of having zero traffic-related fatalities and serious injuries in Vancouver through infrastructure upgrades and other safety measures.

## Traffic-related fatalities are trending downwards, while the population continues to grow



Source: Government of British Columbia Population Estimates & Vancouver Police Department Traffic Fatality Data

### DID YOU KNOW?

In 2022, the City installed 11 flashing pedestrian beacons and 2 pedestrian signals to help reduce the frequency and severity of collisions involving people walking.

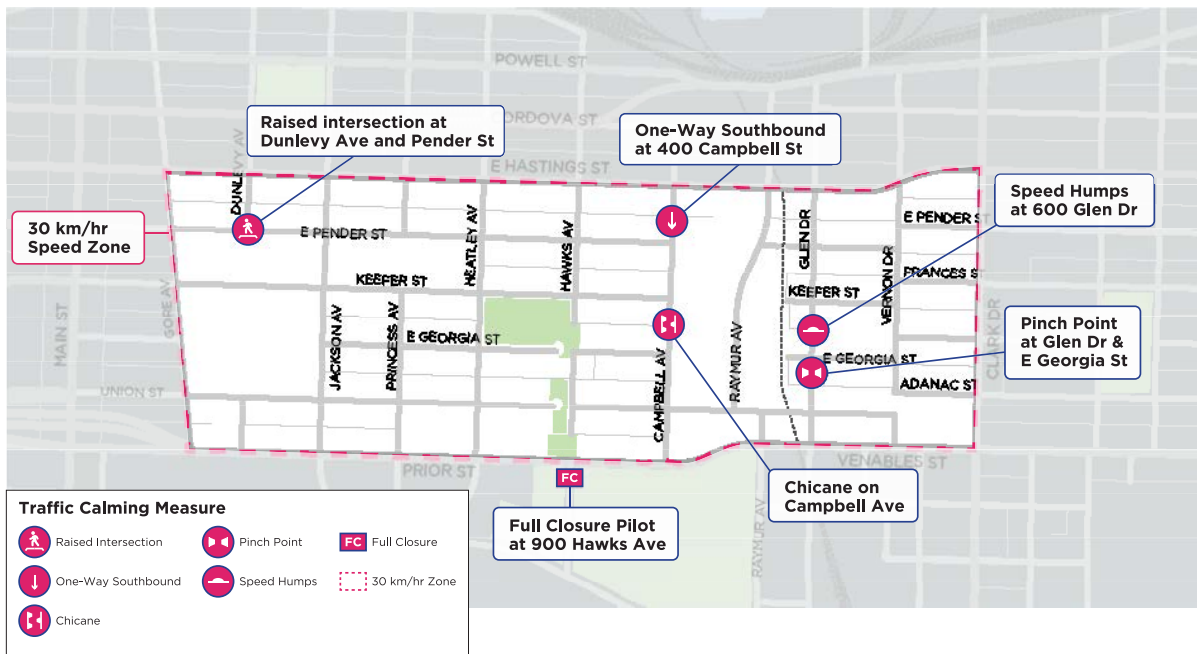




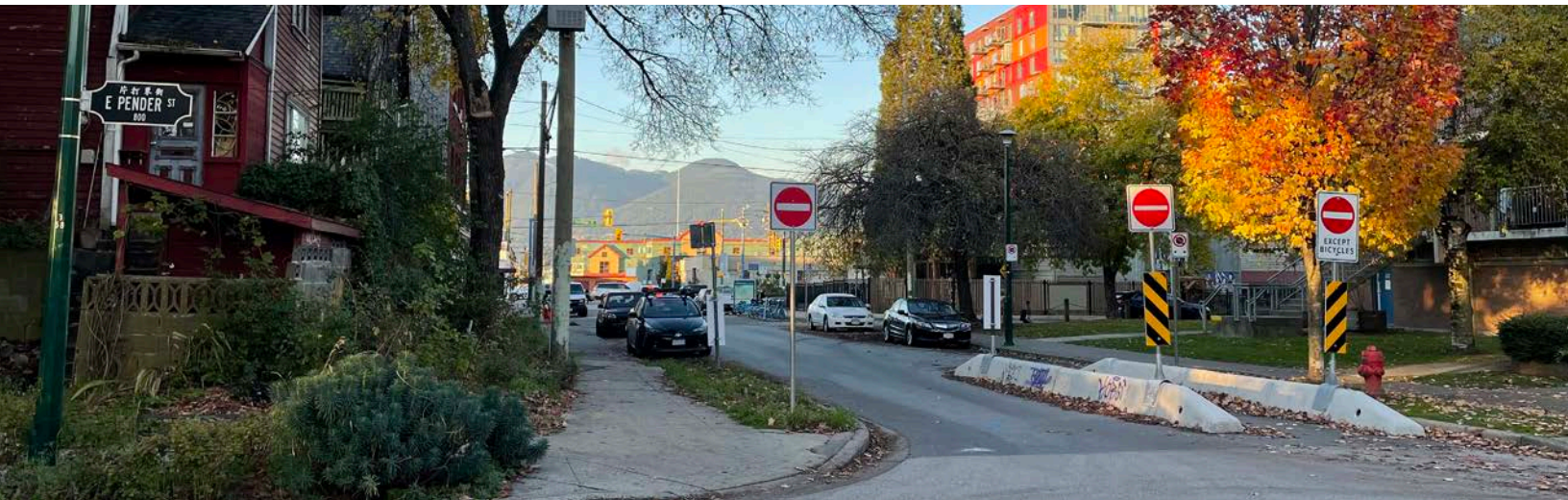
# New traffic calming program launches

The Neighbourhood Traffic Management (NTM) program launched in the Strathcona neighbourhood in 2022. The program implements traffic calming measures to address speeding and shortcutting on local streets, improving safety. Equity considerations are factored into selecting participating neighbourhoods.

The following traffic calming measures were confirmed through an engagement process with Strathcona residents in 2022:



To learn more about the Neighbourhood Traffic Management Program, visit: [vancouver.ca/streets-transportation/neighbourhood-traffic-management-program](http://vancouver.ca/streets-transportation/neighbourhood-traffic-management-program)





# Getting students to walk, bike, and roll

The School Active Travel Program aims to improve safety and increase active travel to school through infrastructure improvements and encouragement initiatives. In 2022, 58% of schools participated in at least one School Active Travel Program initiative.

## What's new



# 9

### Signal Changes

Signal changes include extending walk times or giving families a head start to cross busy intersections.



# 4

### Flashing Beacons

Flashing beacons alert drivers to the presence of people walking in crosswalks.



# 15

### Crosswalks

Many crosswalks were installed with curb bulges and drop ramps to enhance comfort for people walking.

## DID YOU KNOW?

As of 2022, speed humps have been installed on all feasible local streets adjacent to schools.



### Encouragement Programs

Schools are prioritized for participation in programs using an equity framework. The following school encouragement programs took place in 2022:

|  |  |
|--|--|
| <p><b>8</b></p> <p>schools participated in School Travel Planning to improve active travel safety around schools</p>   | <p><b>3,486</b></p> <p>students received active transportation education, including on-road cycling training</p> |
| <p><b>3</b></p> <p>schools participated in the Walking School Bus Pilot Program</p>                                    | <p><b>5</b></p> <p>schools participated in the School Streets Program</p>  |
| <p><b>5</b></p> <p>schools participated in the Planet Protector Academy's Keep Cool Program, reaching 933 students</p> | <p><b>20</b></p> <p>schools received Walk Bike Roll mini-grants, impacting 3,195 students</p>                    |

**Mobi Community Pass Pilot for High School Students**

In 2022, we partnered with Mobi by Rogers to launch a \$20 Community Pass program at Britannia Secondary School. Additional financial support was also made available for low-income students to fully subsidize the cost of the pass.

### DID YOU KNOW?

Beginning in 2022, all grade 6 and 7 students in Vancouver public schools began receiving universal active travel education, including on-road cycling training.



## 2022 Promotional Highlights

We support encouragement initiatives to increase the use of new and existing active transportation infrastructure across the city.

### Bike to Shop

This year, 1,508 participants signed up for HUB Cycling's Bike to Shop events, supporting local businesses while cycling to their favourite shops. 13% of surveyed participants used their bikes for errands for the first time during the campaign, and 99% of them said they would consider using their bikes for errands after the event.

### Spring & Fall Go By Bike Week

Go By Bike Week is a campaign led by HUB Cycling to encourage everyone to give cycling a try - whether it's for work, school, or fun!

In 2022, 81% of participants expressed that Go By Bike Week motivated them to continue using their bikes even after the campaign ended.

# 574

Vancouverites identified as new to cycling

# 6%

increase in registrants compared to 2021

# 314,484 km

total distance traveled

# 68,275 kg

greenhouse gases saved

Source: HUB Cycling

### DID YOU KNOW?

35% of workers in Vancouver have access to at least one sustainable commute benefit, such as a subsidized transit pass or secure bicycle parking at their workplace.

Source: 2022 Vancouver Transportation Survey







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Walk Bike Roll

Man in a green button-down shirt standing behind the table.

Woman in a black t-shirt standing behind the table.

White brochure or sign on the table.

Small white sign with a logo on the table.

Blue water bottle on the table.

Pink brochure titled "JOIN [ ] AND MAKE CYCLING BETTER".

White sign that says "ANSWER A TRIVIA QUESTION AND WIN A PRIZE".

Small bottle of hand sanitizer on the table.

Yellow brochure titled "CITY OF VANCOUVER CYCLING MAP".

CITY OF VANCOUVER



Walk Bike Roll

# Policy documents that guide transportation investments in Vancouver

## Vancouver Plan

Approved in 2022, the Vancouver Plan is a visionary long-range land-use plan to create a more livable, affordable and sustainable city for everyone. It guides the City's long-term growth, clarifying where growth and change will occur over the next 30 years. Vancouver Plan also includes policy on rapid transit and greenways.

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Source: [vancouverplan.ca](http://vancouverplan.ca)

## Transportation 2040

Adopted in 2012, Transportation 2040 is a long-term strategy for the City that will guide transportation, land-use decisions, and public investments for years to come.

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Source: [vancouver.ca/streets-transportation/transportation-2040.aspx](http://vancouver.ca/streets-transportation/transportation-2040.aspx)

## Climate Emergency Action Plan

Nearly 40% of Vancouver's carbon pollution comes from from vehicles burning fossil fuels. In November 2020, Council approved the Climate Emergency Action Plan, which sets out actions needed to reduce emissions by 50% by 2030. Key targets include:

- Two-thirds of daily trips in Vancouver are by active transportation or transit
- 50% of the kilometres driven on Vancouver's roads are by zero-emissions vehicles

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Source: [vancouver.ca/green-vancouver/vancover-climate-emergency.aspx](http://vancouver.ca/green-vancouver/vancover-climate-emergency.aspx)

## Transportation Demand Management (TDM) Action Plan (2021 - 2025)

The TDM Action Plan guides the City of Vancouver's transportation promotions and enabling programming to encourage more active transportation and transit use.

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Source: [vancouver.ca/files/cov/transportation-demand-management-action-plan.pdf](http://vancouver.ca/files/cov/transportation-demand-management-action-plan.pdf)

## Transport 2050 (TransLink)

A Regional Transportation Strategy adopted in 2022 to improve transportation for people who live, work, and play in Metro Vancouver.

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Source: [transport2050.ca](http://transport2050.ca)

**For More Information:**  
**[vancouver.ca/walkbikeroll](https://vancouver.ca/walkbikeroll)**  
**[walkbikeroll@vancouver.ca](mailto:walkbikeroll@vancouver.ca)**  
**Phone: 3-1-1 TTY: 7-1-1**  
**Outside Vancouver: 604-873-7000**

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Interpretations available, phone 3-1-1

Services d'interprétation disponibles, composez le 3-1-1

致电 3-1-1，可以得到传译服务。

致電 3-1-1，可獲提供傳譯服務。

Tulong para sa interpretasyon, tumawag sa 3-1-1

ਵਿਆਖਿਆ ਸੇਵਾਵਾਂ ਉਪਲਬਧ ਹਨ, 3-1-1 ਨੂੰ ਕਾਲ ਕਰੋ