

# 2021 CYCLING YEAR IN REVIEW

TRANSPORTATION SERVICES



## CYCLING NETWORK PLAN UPDATE

The City of Toronto's Cycling Network Plan seeks to build on the existing network of cycling routes to Connect gaps in the current network, Grow the network into new parts of the city, and Renew existing parts of the network to improve safety.

The Cycling Network Plan consists of a Long-Term Cycling Network Vision, the Major City-Wide Cycling Routes, and a three year rolling Near-Term Implementation Program. The plan components, objectives and indicators are aligned with a multitude of City policies, including the Official Plan, TransformTO and the Vision Zero Road Safety Plan.

The 2022 – 2024 Near-Term Implementation Program was approved by Toronto City Council in December 2021, and proposes 100 centreline kilometres expected to be completed by 2024. This goal is ambitious compared to previous years' delivery rates, and includes a greater proportion of cycle tracks on arterial roadways.

## BIKEWAY INSTALLATIONS 2016-2021\*

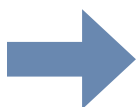
	Three-Year Period (km)			Three-Year Period (km)			Total Network (km)
	2016	2017	2018	2019	2020	2021	
Bike Lanes (includes buffered)	0.6	2.7	4.7	0.8	3.7	5.5	115.6
Cycle Tracks (includes two-way tracks)	2.8	3.1	1.8	1.5	24.4	9.0	75.03
Contra-flow Lanes	0.1	1.5	0.7	0.5	2.0	3.2	15.6
Sharrows/Wayfinding Routes	1.1	0.6	3.2	0.6	2.8	3.3	48.9
Multi-use Trails	3.5	4.0	4.8	1.8	2.8	1.7	386.1
TOTAL	8.1	11.9	15.2	5.2	35.7	22.7	641.23

## BIKEWAY UPGRADES 2019-2021\*



**47 km**

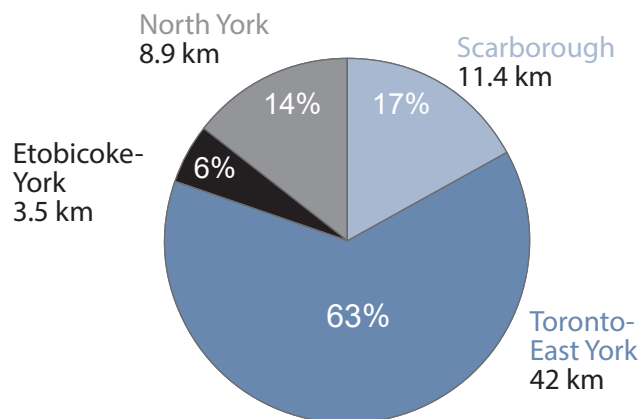
of bikeways upgraded to add protection for people cycling or refresh of line markings



**1.3 km**

of additional bikeways converted from shared to dedicated bikeway space

## PERCENTAGE OF PROJECTS BY DISTRICT 2019-2021\*



\* All kilometres are reported in centreline, which measures the length of the road / trail segment. This is different from lane kilometres, which count infrastructure on both sides of the street. Statistics include 4.3 km of 2021 ActiveTO Bayview Ave multi-use trail and Yonge St cycle tracks.

## BIKE SHARE TORONTO



	2020	2021	System Total
Bike Share Stations Installed	140	13	625
Yearly Memberships Purchased	18,855	25,118	95,815 since 2015
Ridership	2.9 million	3.4 million	15.9 million since 2011
Year over year Average Ridership	+21% from 2019 to 2020	+17% from 2020 to 2021	--

Bike Share Toronto is operated by the Toronto Parking Authority.

## BICYCLE PARKING

Installations by Transportation Services in 2021	
Bicycle Corrals	3
Multi-bicycle Racks	30

Overall Total Bike Parking Managed by Transportation Services in 2021	
Bicycle Corrals	28
Post and Ring	19,107
Multi-bicycle Racks	224
Bicycle Lockers	20
Bicycle Stations	4

## CYCLING NETWORK COVERAGE - ALL BIKEWAYS

	2018	2019	2020	2021
Percentage of population and employment within 250 m of a cycling route in central Toronto and within 500 m beyond central Toronto	62.8%	63.1%	65.7%	67.1%
Percentage of population and employment in Neighbourhood Improvement Areas within 250 m of a cycling route in central Toronto and 500 m beyond central Toronto	59.9%	60.1%	60.4%	61.3%
Percentage of population and employment within 1 km of a cycling route (Official Plan Goal)	90%	90%	91.2%	91.5%

## CYCLING SERIOUS INJURIES OR DEATHS 2016-2020

	2016	2017	2018	2019	2020
Number of fatalities	1	4	4	1	4
Number of serious injuries	37	48	39	36	27
Rate of cycling fatalities per 100,000 resident population	0.04	0.15	0.15	0.04	0.15
Rate of people seriously injured while cycling per 100,000 resident population	1.35	1.76	1.43	1.32	0.99

2021 data not available at this time.

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## MAJOR PROJECTS INSTALLED IN 2021



### ActiveTO Midtown Complete Streets Pilot

In late summer, the City completed the final phase of the ActiveTO Midtown Complete Streets Pilot on Yonge Street between Davisville Avenue and Hayden Street, which included the installation of signage, accessible loading platforms, green markings at bus stops, artistic curb extensions and buffers, and northbound curbs and bollards to create protected areas for people walking and cycling. The completed installation is now a safer and more inviting street for all, which includes over 3 km of cycle tracks, additional pedestrian space, accessible features, expanded café options through CaféTO, dedicated space for vehicle and bicycle parking, loading/deliveries, Bike Share stations, and streetscape beautification.



### The Esplanade and Mill Street Connection

Phase 1 of The Esplanade and Mill Street Connection project was completed in November, and included two-way cycle tracks on The Esplanade from Lower Sherbourne Street to Berkeley Place, and on Mill Street from Parliament Street to Bayview Avenue. This new route closes an east-west gap in the cycling network, provides an alternate route during Lower Don closures, and connects to the ActiveTO Bayview multi-use trail. Other safety features on this corridor include curbs and planters to provide protection for people cycling, and enhanced safety features at key intersections, including two-stage left turn bike boxes, bicycle signal heads, and pedestrian crossings. Some streets were converted to one-way or transit-only to reduce the volume of non-local traffic in the area, and thus enhance safety for area residents. Phase 2 of the project will commence in 2022 and will extend the cycle tracks west to connect to existing bikeways on Yonge Street.



### Oakwood Cycling Connections

As an extension of the successful Shaw Street bikeway and included in the 2020 Quiet Streets program, the City added contra-flow bicycle lanes, bicycle lanes and sharrows, intersection markings and bicycle signal activation on Winona Drive from Eglinton Avenue West to Davenport Road. At the intersection of Davenport Road and Shaw Street, green TTC bus stops were repurposed to create a two-way cycle track on the north side extending west to Bracondale Hill Road, while bicycle signal heads and a northbound bike box were also added to improve safety for people cycling. These improvements on Winona Drive will expand the local cycling network by connecting to the existing bikeway on Shaw Street, creating a 5.8 kilometre cycling route of mainly contra-flow bike lanes from Dundas Street West to Eglinton Avenue West.

## NEW BIKEWAY PROJECTS COMPLETED IN 2021

Street	From	To	Bikeway Type	KMs
Bay St	Lake Shore Blvd W	Front St W	Bike Lane	0.348
Oakwood Cycling Connections - Bracondale Hill Rd	Davenport Rd	Hillcrest Dr	Sharrows	0.085
Brant St	Adelaide St W	Richmond St W	Bike Lane - Contra-flow	0.144
Brunswick Ave	College St	Ulster St	Bike Lane - Contra-flow & Sharrows	0.385
Cambridge Ave	Danforth Ave	Chester Hill Rd	Sharrows	0.611
Waterfront Cycling Connections - Carlaw Ave	Commissioners St	Lake Shore Blvd E	Multi-use Trail	0.302
Waterfront Cycling Connections - Commissioners St	Saulter St S	Carlaw Ave	Cycle Track	0.642
Cummer Ave*	Leslie St	Pineway Blvd	Cycle Track	0.500
Davenport Rd	Bay St	Yonge St	Cycle Track	0.290
Oakwood Cycling Connections - Dundurn Cres	Winona Dr	Winona Dr	Sharrows	0.133
Eglinton Ave E	Don Mills Rd	Birchmount Rd	Bike Lane	5.136
Eglinton Ave W Trail	Jane St	250m W of Pearen St	Multi-use Trail	0.432
Ellesmere Rd Trail	Scarborough Golf Club Rd	Markham Rd	Multi-use Trail	0.768
York University Cycling Connections - Evelyn Wiggins Dr	Assiniboine Rd	Murray Ross Pkwy	Bi-Directional Cycle Track	0.395
Oakwood Cycling Connections - Hillcrest Dr	Bracondale Hill Rd	Tyrrel Ave	Sharrows	0.213
York University Cycling Connections - Keele St	Murray Ross Pkwy	Four Winds Dr	Bi-Directional Cycle Track	0.180
Kingston Rd	Lakehurst Dr	Glen Everest Rd	Multi-use Trail	0.172
St. Lawrence Connections - Mill St	Parliament St	Cherry St	Bi-Directional Cycle Track	0.403
Woodfield-Monarch Park - Monarch Park Ave	Sammon Ave	Felstead Ave	Sharrows	1.035
York University Cycling Connections - Murray Ross Pkwy	Steeles Ave W	Shoreham Dr	Bi-Directional Cycle Track	0.567
	Evelyn Wiggins Dr	Keele St	Bi-Directional Cycle Track	0.218
Waterfront Cycling Connections - Saulter St S	Villiers St	Commissioners St	Cycle Track	0.202
St. Lawrence Connections - The Esplanade	Lower Sherbourne St	Berkeley St	Bi-Directional Cycle Track	0.331
Oakwood Cycling Connections - Tyrrel Ave	Hillcrest Dr	Winona Dr	Sharrows	0.129
Waterfront Cycling Connections - Villiers St	Cherry St	Saulter St S	Cycle Track	0.959
Oakwood Cycling Connections - Winona Dr	Eglinton Ave W	Davenport Rd	Bike Lane - Contra-flow & Neighbourhood Traffic Calming	2.618
Woodfield-Monarch Park - Woodfield Rd	Monarch Park	Queen St E	Bike Lane - Contra-flow and Neighbourhood Traffic Calming	1.235
ActiveTO Bayview Ave	Queen St E	River St	Bi-Directional Cycle Track	0.923
ActiveTO Yonge St	Hayden St	Davisville Ave	Cycle Track	3.374
TOTAL				22.73

\*To be completed in 2022.