

Region of Peel • VISIONZERO

Annual Road Safety Report

2019 | Year Two



Message from the Regional Chair



The Region's Vision Zero Road Safety Strategic Plan reflects Council's commitment to ensuring road safety is a top priority for Peel. The plan is built on the Vision Zero philosophy that "No loss of life is acceptable as a result of a motor vehicle collision," and aligns with our ongoing commitment to creating a healthy, safe and connected community.

Since the plan was adopted by Council in 2018, Regional staff and our stakeholders have worked to implement many of the measures and enhancements as outlined in the plan - and the great work continues!

Through the collaborative efforts of our stakeholders, including Peel Regional Police, the Ontario Provincial Police, local municipalities, partner agencies and community groups, we're taking action to make our roads safe for everyone, while also creating awareness and educating the public about how they too can support safety. It's a truly holistic approach.

On behalf of Regional Council, I thank staff, our partners and residents for their ongoing commitment to working together to enhance our road network, encourage positive behaviours and ultimately eliminate serious collisions for all road users, no matter how they choose to travel.

A handwritten signature in black ink, appearing to read "Nando Iannicca". The signature is fluid and cursive.

Nando Iannicca

Regional Chair, Region of Peel

Stay Connected

Follow us on Twitter @RegionofPeel
Learn more at peelregion.ca/VisionZero



Table of Contents

Message from the CAO	3
Regional Messages	4
Message from the Director of Transportation	7
Message from Peel Public Health	8
Region of Peel • Vision Zero	9
Peel at a Glance	12
Peel Collision Statistics at a Glance	13
Emphasis Areas	15
Intersection	16
Aggressive Driving	20
Distracted Driving	23
Impaired Driving	25
Pedestrians	28
Cyclist	31
Education and Outreach Programs	34
Enforcement and Education Campaigns	37
Road Safety Culture	41
Vision Zero Partners	42



Message from the CAO



Since Council endorsed the Vision Zero framework in December 2017, the Region of Peel, along with our many partners, has been focused on preventing fatal and injury motor vehicle collisions in Peel. I am pleased to see we've made significant progress towards this goal in the last two years.

In cooperation with local municipalities, Peel Regional Police and Ontario Provincial Police Caledon Detachment, we are making our community safer for all road users. In this report, you'll read how we've reduced fatal and injury collisions on Regional roads involving pedestrians, intersection collisions and distracted drivers. The number of fatal and injury collisions for cyclists have also decreased by a notable 50 per cent.

But we have more work to do. Wherever road users are going, we want them to arrive there safely. The ultimate goal is that no one should be injured or killed in the Region of Peel resulting from a collision. Working with all our stakeholders, we continue to make progress towards this goal.

I would like to thank all our partners for helping to create a healthier, safer and more connected community. This includes a safe environment for all road users and is just one piece of our larger vision to build a Community for Life in Peel.

A handwritten signature in black ink that reads "Janice Baker".

Janice Baker, FCPA FCA
Chief Administrative Officer
Region of Peel

Message from the Mayor of Caledon



Safety on our streets and the well-being of all road users is a priority at the Town of Caledon. As our community grows, it is important that we continue to work with the Region and other key stakeholders to put measures in place today that will keep everyone safe when travelling on our roadways – whether driving, walking or cycling.

Many of the ongoing initiatives and steps taken toward enhancing our road system in Caledon, align with the Region of Peel’s Vision Zero Road Safety Strategic Plan and support the key message that no loss of life is acceptable as a result of a motor vehicle collision.

Together with the Region, we’ve installed pedestrian crossovers to improve conditions for pedestrians and crossrides for cyclist safety. Curb extensions at various locations along the road have been added to help calm traffic, provide additional buffer space for pedestrians, and give clearer on-street parking spaces. Recently, automated speed enforcement was launched in school zones and community safety zones to protect our most vulnerable residents when out on our roads. This is just another reminder that we all need to drive according to the speed limit and the importance of slowing down in order to keep our communities safe.

We’re also working closely with Peel Regional Police and the OPP-Caledon to support enforcement efforts through campaigns like Distracted Driving.

We all have a role to play. By working to create awareness and educating all road users, we can ultimately support the community in changing behaviours towards road safety.

A handwritten signature in black ink, appearing to read 'Allan Thompson'.

Allan Thompson
Mayor of Caledon

Stay Connected

Follow us on Twitter @RegionofPeel
Learn more at peelregion.ca/VisionZero



Message from the Mayor of Brampton



I am very proud to support the Region of Peel's Vision Zero Road Safety Strategic Plan and the City of Brampton fully shares in the desire to enhance road safety.

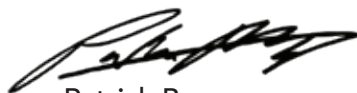
Speed plays such a significant role in traffic collisions and tragically, speed causes more collisions, more serious injuries, and increases the number of fatalities.

Brampton takes the safety of residents seriously and was one of the first municipalities in Ontario to implement Automated Speed Enforcement (ASE) introducing its first notification sign on December 19, 2019. ASE cameras are now operational in five Community Safety Zones with 10 more to be installed by the end of the year.

In 2019, Brampton Council approved the Active Transportation Master Plan, to build a comprehensive and connected network allowing residents to travel safely around the City. A key element of this network is on-road bike lanes, which will not only make getting around by bicycle safer and easier, but also to help calm vehicular traffic. Over the next 20 years, Brampton residents will see 500 kilometers of additional trails, paths, and bike lanes.

Council recently participated in Peel Regional Police's #TakeThePledge campaign to build awareness and encourage drivers to SLOW DOWN on our streets!

No loss of life on our roads is acceptable and we all play an important part in keeping our residents, our families, and our loved ones safe.



Patrick Brown
Mayor of Brampton

Message from the Mayor of Mississauga



Since the approval of the Region of Peel's Vision Zero Road Safety Strategic Plan, Mississauga has made substantial progress in our shared efforts to ensure zero fatalities and serious injuries on Peel roadways.

No loss of life on our roads is acceptable. That's why we will continue to work collaboratively to ensure that the safety of all Peel residents is taken into account when we undertake road safety projects.

Our goal is to achieve safety for all, regardless of their travel choices. Whether it's a transit rider transferring from MiWay to Zum, to a pedestrian navigating the streets of Mississauga's City Centre, to a resident driving to their place of employment in Airport Corporate Centre – the health and safety of all road users remains our top priority.

The City of Mississauga is committed to building a transportation network that moves people safely and seamlessly across our City. Together, we can work to mitigate risk on our roadways through education, enforcement, engineering, empathy and evaluation. Initiatives including lowering speed limits, installing traffic calming, constructing new pedestrian and cycling infrastructure and developing education campaigns that target all users are just a few of the projects we are prioritizing to ensure the safety of vulnerable road users.

While we have come a long way in the past two years, there is still more to do. Our work never stops to build a safer Mississauga and Region of Peel. We look forward to a continued collaboration in the years to come to keep our residents safe and achieve Vision Zero.

A handwritten signature in black ink that reads "Bonnie Crombie".

Bonnie Crombie

Mayor of Mississauga

Stay Connected

Follow us on Twitter @RegionofPeel
Learn more at peelregion.ca/VisionZero



Message from the Director of Transportation



While the road system needs to keep us moving, it must also be designed to protect all road users. In partnership with our stakeholders, we've been able to implement significant enhancements to our road network and there's more to come!

Through collision analysis and public consultation, we've identified the key problem areas which include intersections; aggressive, distracted and impaired driving; pedestrians and cyclists and we've set actions to make improvements in each area.

We're making changes to how our roads are designed, installing road safety infrastructure like bike lanes, reducing speed limits, creating awareness and partnering to create walk-friendly neighbourhoods across Peel, to name a few.

Our plan aligns with the Region of Peel's vision of a community for life, by contributing to the mission of 'creating a healthy, safe and connected community' for Peel residents. The goal is based on a shared responsibility for road safety between municipalities, the police, community organizations and road users. We all have a role to play.

The message is clear – "No loss of life is acceptable" as a result of a motor vehicle collision. Our plan will help us move toward a community where everyone can travel safely on our roads.

A handwritten signature in black ink that reads "Terry Ricketts". The signature is fluid and cursive.

Terry Ricketts, P.Eng
Director of Transportation
Public Works, Region of Peel

Message from Peel Public Health



During these unprecedented times, the Region of Peel has completed year two of its five-year Vision Zero Road Safety Strategic Plan. Working alongside colleagues in Transportation Planning and our community partners, we continue to aim for our overall future vision of zero fatal and injury-causing collisions for all road users in Peel and our near-term goal of a 10% reduction in fatal and injury-causing collisions by 2022. The plan's Vision Zero philosophy highlights the important contribution that transportation design can make towards public health's traditional goals of protecting and promoting health, preventing disease and reducing health disparities in our community.

Of note, Peel Public Health's 2020-2030 Strategic Plan has also identified advancing health equity as a strategic priority. Data shows that our most vulnerable residents and communities are disproportionately impacted by death and disability caused by motor vehicle collisions, as well as chronic conditions that can be improved through active transport. Building a Community for Life thus means that the transportation network should provide everyone with equal and safe access to walking, cycling and transit opportunities to improve health and safety.

Modern transportation design is fundamental to fostering health and mitigating the impacts of air pollution and climate change. As we continue to implement Vision Zero, I am confident our collaborating group will identify areas for attention, monitor and track progress, and direct the implementation of safety improvements to our transportation network that will reduce death and disability, and provide opportunities for our most vulnerable residents to enjoy the benefits of safe and active transportation.



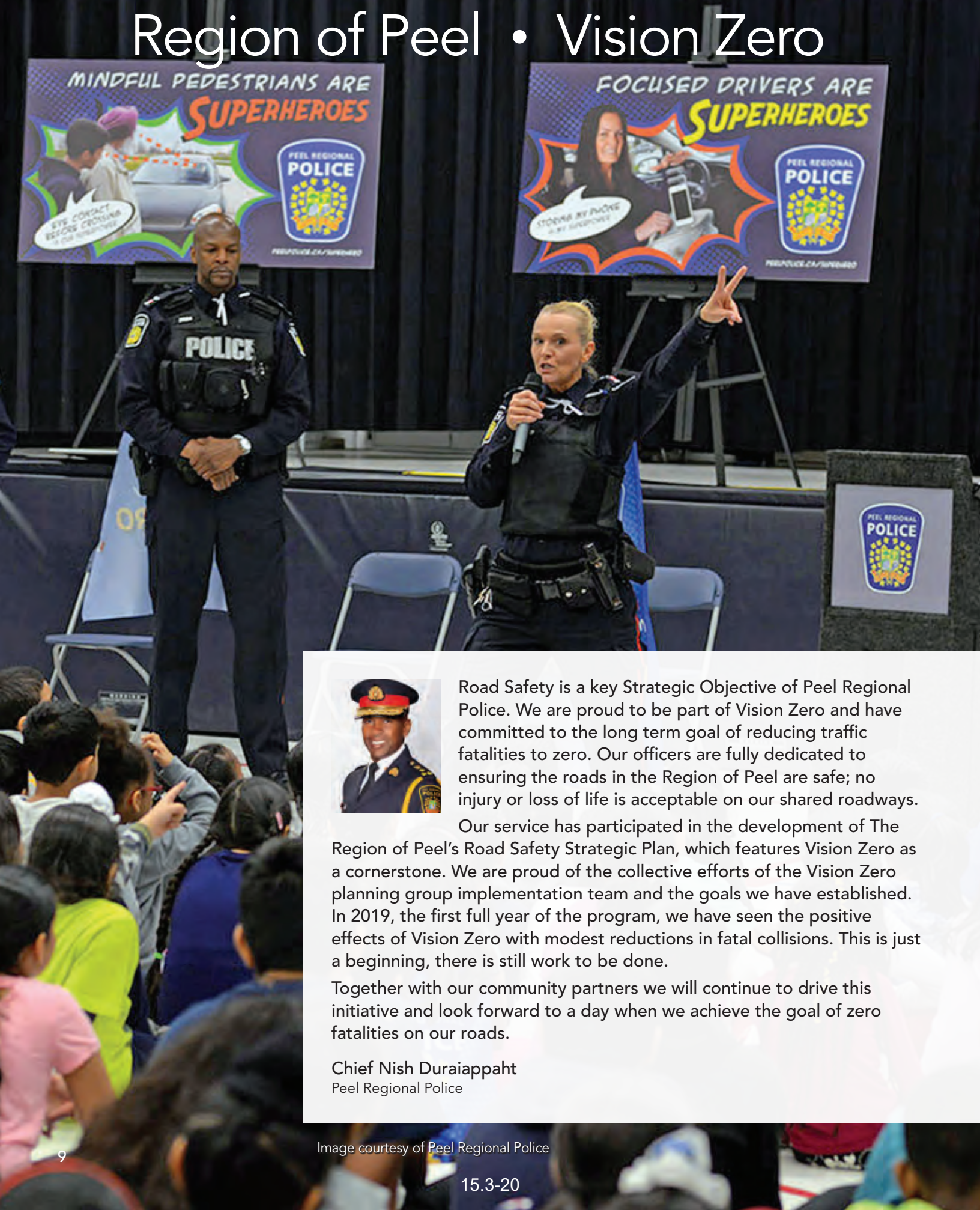
Lawrence Loh, MD, MPH, CCFP, FRCPC, FACPM
Medical Officer of Health
Public Health, Health Services, Region of Peel

Stay Connected

Follow us on Twitter @RegionofPeel
Learn more at peelregion.ca/VisionZero



Region of Peel • Vision Zero



Road Safety is a key Strategic Objective of Peel Regional Police. We are proud to be part of Vision Zero and have committed to the long term goal of reducing traffic fatalities to zero. Our officers are fully dedicated to ensuring the roads in the Region of Peel are safe; no injury or loss of life is acceptable on our shared roadways.

Our service has participated in the development of The Region of Peel's Road Safety Strategic Plan, which features Vision Zero as a cornerstone. We are proud of the collective efforts of the Vision Zero planning group implementation team and the goals we have established. In 2019, the first full year of the program, we have seen the positive effects of Vision Zero with modest reductions in fatal collisions. This is just a beginning, there is still work to be done.

Together with our community partners we will continue to drive this initiative and look forward to a day when we achieve the goal of zero fatalities on our roads.

Chief Nish Duraiappaht
Peel Regional Police

What is Vision Zero?

The Region of Peel’s Vision Zero Road Safety Strategic Plan 2018–2022 (RSSP) was launched in September 2018 to approach road safety holistically. The fundamental principle of Vision Zero is that fatal and injury collisions on the roadway are not acceptable.

The Vision Zero framework recognizes that:



Human beings make mistakes so the road system is designed to be forgiving



Life and health cannot be exchanged for other societal benefits



Safety is prioritized over other factors such as cost, speed, delay, level of service, and convenience



Benefit - cost analysis not necessarily applicable

Vision Zero is a strategy to eliminate all traffic fatalities and injuries while increasing safe, healthy and equitable mobility for all. This report summarizes road safety trends for the Regional road network and highlights countermeasures implemented in 2019 to improve road safety.



Vision and Goal



The vision of the Road Safety Strategic Plan is *“zero fatal and injury collisions for all road users”*. It is recognized by the partners that this is an ambitious vision and it will take some time to achieve it.



The goal is a *“10% reduction in fatal and injury collisions by 2022”*. The ultimate goal is that no one should be injured or killed in the Region of Peel resulting from a collision.

The Six Emphasis Areas of the Road Safety Strategic Plan

The Road Safety Strategic Plan has Six Emphasis Areas representing the main safety concerns identified through a collision analysis and public consultation. These include:



Intersection



Distracted driving



Pedestrian



Aggressive driving



Impaired driving



Cyclist

The Four E's of Road Safety

The Four E's of road safety contains action items that the Region uses to enhance safety. These include:



Engineering



Education



Enforcement



Empathy

Peel at a Glance



Road safety is a top priority for me and for the Region. As our population continues to grow, so do the number of people who walk, cycle and drive on our roadways. The Vision Zero framework guides us toward building a community where all road users feel safe no matter what mode of travel they choose.

Andrew Farr
Commissioner, Public Works, Region of Peel

Peel Collision Statistics at a Glance (2017–2019)

Two years after the launch of Vision Zero, the Region has made considerable progress towards the goal of reducing the number of fatal and injury collisions on Regional roads. The Region will continue to refine strategies and develop countermeasures to reduce fatal and injury collisions with an emphasis on pedestrian, cyclists, aggressive driving, distracted driving, impaired driving and intersection collisions to provide further protection for vulnerable road users.

The following statistics compare fatal and injury collisions in 2019 to the baseline year of 2017 per 100,000 population.

- 15% reduction overall on Regional Roads,
- 11% reduction in Intersections collisions,
- 4% reduction in Aggressive Driving collisions,
- 13% reduction in Distracted Driving collisions,
- 14% reduction in Pedestrian collisions,
- 50% reduction in Cyclist collisions,
- 45% increase in Impaired Driving.

The table below shows the summary of total collisions including property damage type, fatal and injury collisions, that occurred on Regional roads between 2017 and 2019.

Total Collisions Statistics, the Region of Peel Road Network (2017–2019)¹

Statistic	2017	2018	2019
Number of Collisions	5756	6488	6228
Number of Collisions (per 100,000 population)	396	439	417
Percentage of Collisions involving Trucks	6%	6%	6%
Number of Fatal Collisions (per 100,000 population)	0.7	0.8	0.5
Number of Injury Collisions (per 100,000 population)	60	60	50
Number of Collisions Involving Pedestrians (per 100,000 population)	8	7	6
Number of Collisions Involving Cyclists (per 100,000 population)	2	1	2
Percentage of Collisions Occurring at Intersections	71%	71%	75%
Day with Highest Number of Collisions	Friday	Friday	Friday
Month with Highest Number of Collisions	October & December	November	January
Time of Day with Highest Number of Collisions	15:00	15:00	18:00
Most Common Collision Type	Rear End	Rear End	Rear End
Most Frequently Recorded Improper Driving Action	Following too Close	Following too Close	Following too Close
Percentage of Alcohol-Related Collisions	2%	2%	2%








¹ the data only reflects reported collisions on roads under the jurisdiction of Region of Peel. Collisions on municipal roads, private property, unreported collisions are not included.

* Collisions reported might have emphasis area overlap. For e.g. one collision might have involved an impaired, aggressive driver at an intersection striking a pedestrian

² the population was obtained using PDC data and are as follows 2017 – 1,452,597, 2018 – 1,479,139 and 2019 – 1,494,747

The table below provides the trending statistics of the total number of fatal and injury collisions, as well as the reported fatal and injury collisions for each of the six emphasis areas along with the metrics based on per 100,000 population that occurred on Regional Roads.

Trending Statistics - Fatal and Injury Collisions, the Region of Peel Road Network (2017–2019)¹

Emphasis Areas (Per Capita 100,000)	Fatal and Injury Collisions*			Per cent (%) Change (2019 compared to 2017)
	2017 ²	2018 ²	2019 ²	
Total Fatal and Injury Collisions	60	60	52	15% 
Intersection Collisions	45	45	40	11% 
Aggressive driving	26	26	25	4% 
Distracted driving	23	19	20	13% 
Pedestrian Collisions	7	6	6	14% 
Cyclist Collisions	0.8	0.5	0.4	50% 
Impaired Driving	2.2	2.6	3.2	45% 

* Collisions reported might have emphasis area overlap. For e.g. one collision might have involved an impaired, aggressive driver at an intersection striking a pedestrian.

¹ the data only reflects reported collisions on roads under the jurisdiction of Region of Peel. Collisions on municipal roads, private property, unreported collisions are not included. *Collisions reported might have emphasis area overlap. For e.g. one collision might have involved an impaired, aggressive driver at an intersection striking a pedestrian

² the population was obtained using PDC data and are as follows 2017 – 1,452,597, 2018 – 1,479,139 and 2019 – 1,494,747

Emphasis Areas



Vision Zero Action Items - 2019

The Vision Zero Road Safety Strategic Plan began with a comprehensive assessment of the Region's existing road safety conditions and programs. Based on this analysis, more than 100 action items were identified to support improved road safety across the Region, focusing on the six emphasis areas of intersections, aggressive driving, distracted driving, impaired driving, pedestrians and cyclists.

The following section provides a summary of some of the key action items implemented in 2019 for each emphasis area.



Intersection

This emphasis area aims to prevent intersection collisions, of which rear-end collisions are the most common.



The Region is committed to creating safer roads for pedestrians, cyclists and drivers. Our Vision Zero Road Safety Strategic Plan aims to prevent people from getting hurt or dying in motor vehicle collisions.

Together, with our stakeholders, we are working to enhance the safety of our road network. Through collaboration and supporting initiatives, we've taken many steps towards making our roads safer for all road users. We're creating awareness through education, communications and organizational initiatives, aimed at changing behaviour towards road safety.

Sean Carrick
Manager, Traffic and Sustainable Transportation, Region of Peel

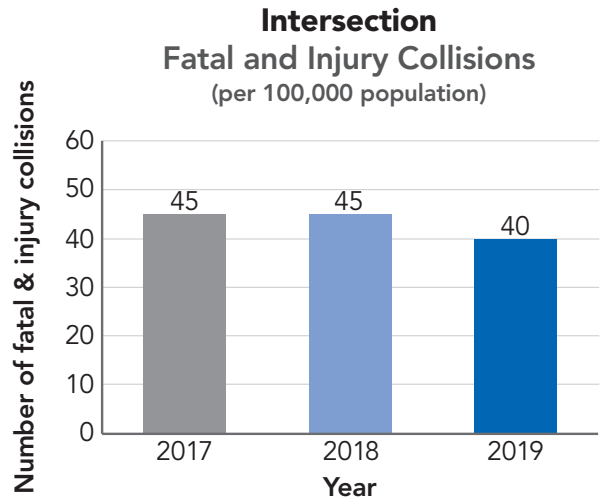
Intersection

Intersection Collisions

Collisions at intersections in the Region made up 75% of total reported collisions in 2019. Rear ends are the most common type of collisions at intersections, followed by those caused by turning movement.

By the Numbers

The number of fatal and injury collisions at intersections **decreased by 11%** in 2019 when compared to 2017.



* Statistics reflect regional data only

The following section provides a summary of some of the key action items implemented for intersection in 2019.

Intersections Countermeasures Implemented in 2019

Signage Enhancement

The Region is implementing enhanced signing such as: deer signs, traffic signals ahead signs, checkerboard signs, etc. The Region of Peel retrofitted 765 signs in 2019 over 16 projects.



Pavement Marking Improvements

Enhancements were made to pavement markings to improve safety by painting guidelines at the intersection, crosswalks, crossrides and yield pavement markings. These improvements were completed in 2019 on six different Regional projects.



Sightline Clearing/ Sight Distance Improvements

The Region proactively and reactively improved visibility at various intersections by removing visual obstructions to improve sightlines for drivers to have a clear view of the roadway ahead.



Stay Connected

Follow us on Twitter @RegionofPeel
Learn more at peelregion.ca/VisionZero



Intersection

Hazard Marker at Bullnose

These hazard markers signs were installed on centre median bullnoses to provide positive guidance to drivers.



Ladder Crosswalks

In 2019, a series of ladder crosswalks were installed at various intersections, by replacing the traditional two-line crosswalk with painted bars to better identify pedestrian crossings.



Street Lighting Improvements

In 2019, the Region installed street lighting in two corridors. These enhancements help to improve the night time illumination.



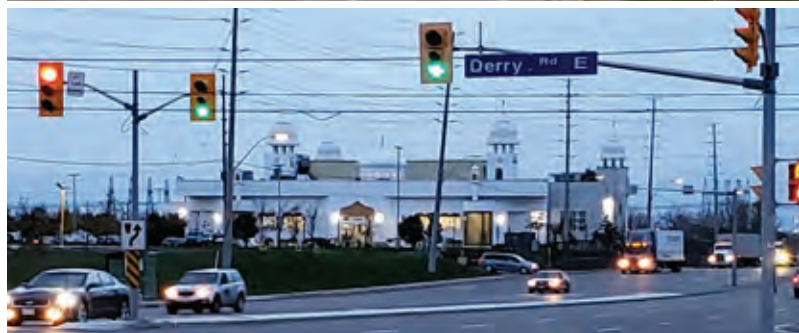
At-Grade Railway Crossing Audits

Road safety review of the at-grade railway crossings were conducted to ensure they meet the Railway Safety Act and Grade Crossing Regulations. The Region in 2019, enhanced road safety at 14 at-grade railway crossing locations.



Traffic Signal Network Progression

Traffic Signal Network Progression involves coordinating traffic light timing to improve flow through a series of green lights, provided the driver is traveling the speed limit which reduces read end collisions. The Region improved Network Progression on 18 road corridors, in 2019.



Stay Connected

Follow us on Twitter @RegionofPeel
Learn more at peelregion.ca/VisionZero



Intersection

Implement Traffic Control

The Region continues to review how we safely control traffic at intersections. This includes stop signs, yield signs, traffic signals and roundabouts. In 2019, the Region installed four new traffic signals.



Protected Left Turn Signals

Protected left turn signals are implemented to prevent conflicts between left turning vehicles, and opposing through vehicles. The Region implemented seven protected left turn signals at intersections in 2019.



Dedicated Signal Phase for Bus Movements

In 2019, the Region implemented a dedicated signal phase for buses at an intersection to give them priority to enter the intersection before other vehicles in order to reduce conflict with other road users, improve bus scheduling and reduce vehicle emissions.



Advanced Signals Signage

We continue to implement and standardize “traffic signal ahead” signs at various intersections to advise motorists of an upcoming signal to reduce last minute lane changes.



Aggressive Driving

Aggressive driving includes any driving behavior performed deliberately with ill intention or disregard for the safety of others on the road.



The Region has implemented the Vision Zero Road Safety Strategic Plan to pull together and focus all of our efforts to reduce injuries and fatal collisions. The strategy recognizes that the road system needs to be forgiving of human error and that safety must come first, over convenience, speed and costs. In partnership with our stakeholders, we have made significant progress over the past two years and we continue to enhance our roadways and increase awareness to help drive changes in road user behaviours.

Joe Avsec
Strategist Transportation Planning and Business Intelligence, Region of Peel

Aggressive Driving

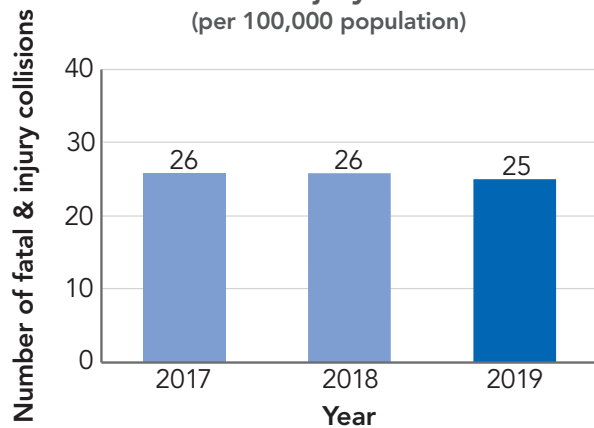
Aggressive Driving Collisions

Aggressive driving behavior is when a driver disregards the safety of other road users which significantly increases the risk of being involved in a collision. Some examples would include tailgating, speeding, failing to yield right-of-way, cutting in front of another driver, etc.

By the Numbers

The number of fatal and injury collisions for aggressive driving have **decreased by 4%** in 2019 when compared to 2017.

Aggressive Driving
Fatal and Injury Collisions
(per 100,000 population)



* Statistics reflect regional data only

The following section provides a summary of some of the key action items implemented for aggressive driving in 2019.

Aggressive Driving Countermeasures Implemented in 2019

Speed Limit Reviews

The Region has developed a speed limit policy and has conducted various speed limit reviews on Regional roads to enhance road safety for all road users proactively. In 2019, the Region completed speed limit reviews on nine corridors that resulted in speed limit reductions on three corridors.



Right Turn Channel Retrofit

The Region is reviewing the use of smart channels and retrofitting the existing right turn channels to support walkability and cycling. The Region completed nine right turn channel retrofits in 2019 which has shown to reduce aggressive driving.



Stay Connected

Follow us on Twitter @RegionofPeel
Learn more at peelregion.ca/VisionZero





Aggressive Driving

Electronic Radar Speed Signs

Radar Speed Feedback Signs, speed trailer and Vehicle Activated Traffic Calming Signs (VATCS) are installed to remind motorists of their speed and slow traffic down. The Region has deployed the speed trailer at eight locations across the Region and the Radar Speed Feedback Signs at two locations, in 2019.



Traffic Calming - Speed Cushions

Speed cushions are installed as a traffic calming measure to slow the speed of vehicles. Speed cushions have been installed in rural areas with lower posted speed limits where speed has been a concern.



On-Street Parking

On-street parking narrows the travel lane which helps in the reduction of vehicle speed. It improves safety by separating pedestrians from through traffic. In 2019, this countermeasure was implemented on a corridor to improve safety.



Red Light Cameras

The Region has installed five Red Light Cameras in 2019 to discourage red light running. On average, fatal and injury collisions decreased by 73 per cent and property damage collisions decreased by 78 per cent in 2019 when compared to the baseline year of the camera installation.



Stay Connected

Follow us on Twitter @RegionofPeel
Learn more at peelregion.ca/VisionZero





Distracted Driving

Distracted driving occurs when a driver's attention is not on the road, including the use of hand-held devices.



In the Region of Peel 13% of fatal collisions in 2019 are due to distracted driving. Inattentive driving is a dangerous factor that can be simply prevented by paying attention. Mitigating this poor driving behaviour will lead to less preventable deaths on our roadways.

Pete Danos
#1978 - Inspector
Road Safety Services
Peel Regional Police



Distracted Driving

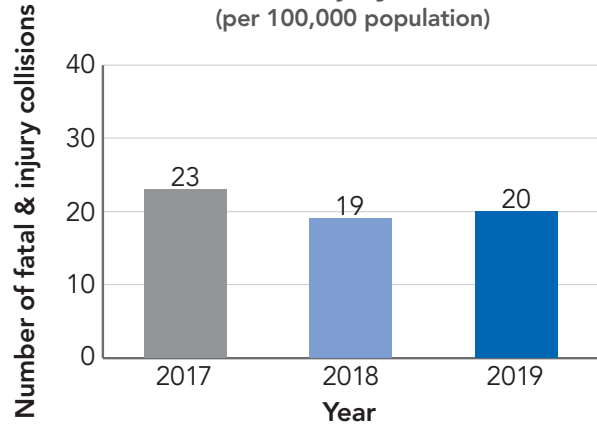
Distracted Driving Collisions

Distracted driving happens when a driver's attention is taken away from the driving task because they are focused on texting, talking on the phone or to passengers, eating or drinking or using the entertainment or navigation system. Distraction reduces a driver's ability to notice and safely respond to critical events on the road.

By the Numbers

The number of fatal and injury collisions for distracted driving have **decreased by 13%** in 2019 when compared to 2017.

**Distracted Driving
Fatal and Injury Collisions**
(per 100,000 population)



* Statistics reflect regional data only

The following section provides a summary of some of the key action items implemented for distracted driving in 2019.

Distracted Driving Countermeasures Implemented in 2019

Operation Impact

Peel Regional Police and Ontario Provincial Police focus their efforts on various traffic enforcement initiatives to improve road safety, public awareness and compliance with traffic laws.



Image courtesy of Ontario Provincial Police

Enforcement of HTA – Distracted Driving

2124 tickets were issued by Peel Regional Police (PRP) and Ontario Provincial Police - Caledon detachment (OPP) through enforcement of the Highway Traffic Act for violations related to distracted driving such as using cell phones while driving.



Stay Connected

Follow us on Twitter @RegionofPeel
Learn more at peelregion.ca/VisionZero





Impaired Driving

Impaired driving includes collisions where a driver is identified as 'impaired' or having a blood alcohol concentration of more than 80 milligrams or more of alcohol per 100 milliliters of blood, or 0.08.



Caledon OPP recognizes that impaired driving is a serious road safety issue in Peel Region. Unfortunately impaired driving has been a causal factor in an increasing number of preventable serious and fatal motor vehicle collisions in 2019. Through increased visibility, enforcement, and public education, police are taking a pro-active approach to try and reverse this trend. We continue to encourage residents of Peel Region to do their part in keeping our roadways safe from drug and alcohol-impaired drivers by choosing not to drive while impaired and to report suspected impaired drivers to police.

M. Sanderson

Staff Sergeant
Operations Manager
Caledon Detachment - Ontario Provincial Police



Impaired Driving

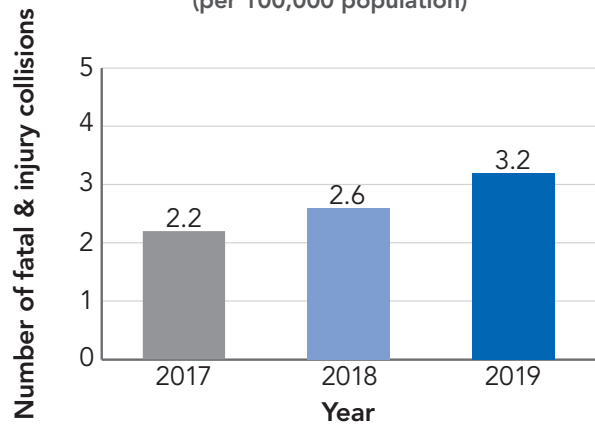
What are Impaired Driving Collisions?

Impaired driving means operating a vehicle while your ability to do so has been compromised to any degree by consuming alcohol and/or drugs. Their use can affect your vision, impair attention and slow reflexes to name a few. Throughout Canada, the maximum legal blood alcohol concentration (BAC) for fully licensed drivers is to be under 80 milligrams of alcohol in 100 millilitres of blood, or 0.08.

By the Numbers

The number of fatal and injury collisions for impaired driving has **increased 45%** in 2019 when compared to 2017.

**Impaired Driving
Fatal and Injury Collisions**
(per 100,000 population)



* Statistics reflect regional data only

The following section provides a summary of some of the key action items implemented for impaired driving in 2019.

Impaired Driving Countermeasures Implemented in 2019

Regular and Festive Enforcement/ R.I.D.E. Spot Checks

Reduced Impaired Driving Everywhere (R.I.D.E.) is a yearly program operated by the Police. Additionally, a Festive Season R.I.D.E. program operates from the end of November to early January.



Image courtesy of Peel Regional Police

DriveSafe Campaign

A yearly campaign initiated by the Ontario Association of Chiefs of Police on a specific road safety issue. The 2019 DriveSafe campaign warns the public that the legalization and regulation of cannabis requires motorists to take extra care on the road.



Image courtesy of Peel Regional Police

Stay Connected

Follow us on Twitter @RegionofPeel
Learn more at peelregion.ca/VisionZero





Impaired Driving

Enforcement of HTA – Impaired Driving

Education and enforcement campaigns were targeted by Peel Regional Police and Ontario Provincial Police - Caledon detachment for impaired driving. Impaired driving charges are laid by the police pursuant to the criminal code of Canada.



Image courtesy of Ontario Provincial Police

Labour Day Long Weekend Traffic Initiatives

There is an increased visibility and enforcement of impaired and aggressive driving infractions over the labour day long weekend.

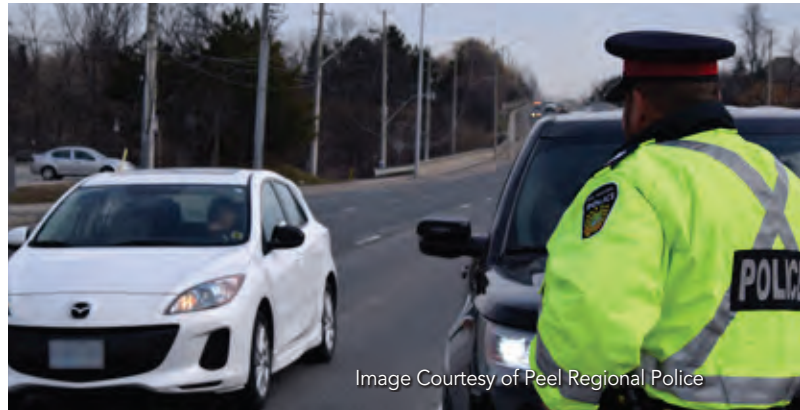


Image Courtesy of Peel Regional Police

MADD 911 Campaign

Campaign 911 is a Canada-wide campaign to encourage and empower Canadian public to report suspected impaired driving by calling 911.



Image Courtesy of Peel Regional Police

Stay Connected

Follow us on Twitter @RegionofPeel
Learn more at peelregion.ca/VisionZero





Pedestrians

This category aims to reduce collisions between vehicles and pedestrians.



Peel is undergoing a shift to move more people by bike, foot and transit. This will help us to address traffic congestion, reduce green house gas emissions and increase physical activity among Peel residents. Pedestrians and cyclists continue to be one of our most vulnerable road users, and it's imperative that we continue providing safe, comfortable and convenient travel choices for everyone.

Sandra Fitzpatrick

Manager, Health Services, Chronic Disease and Injury Prevention, Region of Peel



Pedestrians

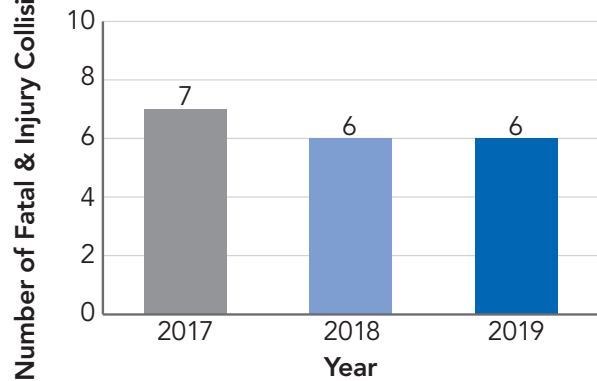
Pedestrian Collisions

Pedestrians are the most vulnerable road users and their safety is of primary concern for the Region of Peel. Pedestrian safety is a challenge that evolves with growing populations, increase of vehicular activity, increase in the popularity of healthy lifestyles and active transportation.

By the Numbers

The number of fatal and injury pedestrian collisions have **decreased by 14%** in 2019 when compared to 2017. The challenge ahead is to maintain this progress, as pedestrian safety cannot be taken for granted.

Pedestrians
Fatal and Injury Collisions
(per 100,000 population)



* Statistics reflect regional data only

The following section provides a summary of some of the key action items implemented for pedestrians in 2019.

Pedestrian Countermeasures Implemented in 2019

Enhanced Pedestrian Signage

Enhanced pedestrian signage has been installed to warn motorists of the presence of pedestrians. These signs include “watch for children” and “watch for seniors” signs. The Region installed these types of signs on two corridors in 2019.



Pedestrian Infrastructure

Changes to the roadway features like pedestrian crosswalks and sidewalks are implemented to improve safety and walkability. In 2019, this countermeasure was implemented at a number of locations in the Region.



Stay Connected

Follow us on Twitter @RegionofPeel
Learn more at peelregion.ca/VisionZero





Pedestrians

Implementing Components of the Regions Streetscaping tool box

The Regions “Streetscaping Tool Box” provides options for creating a comfortable and safe walking environment. In 2019, this countermeasure was implemented in Alton to improve pedestrian safety.



Accessibility for Ontarians with Disability Act (AODA)

The Region has installed various equipment such as tactile plates, audible pedestrian signals and pedestrian count down signals to remove barriers for people living with disabilities making it safer for them to maneuver on our roads. In 2019, these countermeasures were implemented at various locations to improve pedestrian safety.



Pedestrian Countdown Signals and Pedestrian Signal Infrastructure

Six pedestrian countdown signals were installed at Regional intersections in 2019. Pedestrian countdown signals provide a countdown display of the seconds remaining in the “Flashing Don’t Walk” interval at an intersection.



Pedestrian Crossing

The Region continues to facilitate safer roadway crossings for the public with the installation of Pedestrian Crossovers (PXO), Intersection Pedestrian Crossings (IPS) and Mid-Block Crossings. The Region of Peel installed a mid-block crossing signal in 2019.



Stay Connected

Follow us on Twitter @RegionofPeel
Learn more at peelregion.ca/VisionZero





Cyclist

These countermeasures are designed to reduce collisions involving cyclists within the road right of way.



The Region recognizes that it takes many stakeholders and different approaches to make our roads safer for pedestrians, cyclists and drivers. We're making changes to how the roads are designed, we are installing enhanced infrastructure and lowering speed limits where necessary. At the same time, we are prioritizing education and awareness, so all road users can choose to act safely and help us achieve zero fatalities on our roads.

William Toy
Supervisor, Traffic Safety, Region of Peel

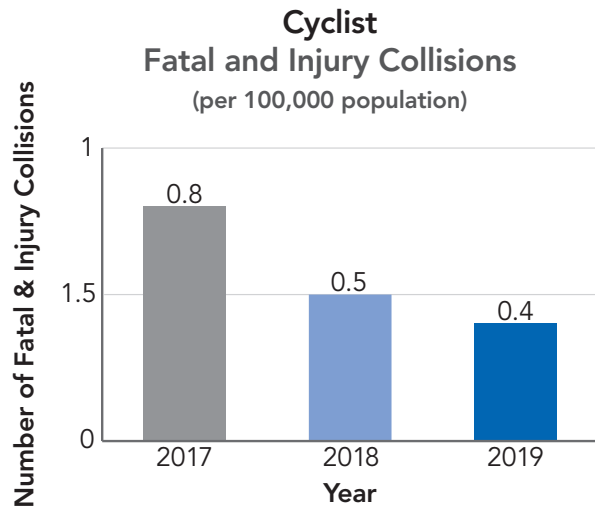
Cyclist

Cyclist Collisions

Cyclists are the most at risk for serious injury or death when involved in a motor vehicle collision. The Region will continue to address and improve safety on Regional roads as cyclists are one of the most vulnerable users of the roadway.

By the Numbers

The number of fatal and injury collisions involving cyclists have **decreased by 50%** in 2019 when compared to 2017.



* Statistics reflect regional data only

The following section provides a summary of some of the key action items implemented for cyclists in 2019.

Cyclist Countermeasures Implemented in 2019

Cycling Infrastructure

Cycling infrastructure like multi-use trails, cycle tracks and bike lanes continues to be installed by the Region to delineate cycling areas from other roadway users. Approximately 11 kms of active transportation facilities were built in 2019 on Regional roads.



Enhanced Cyclist Pavement Markings

The Region of Peel continues to install pavement markings for cyclists such as the application of green paint, sharrows, etc. To prevent a potential conflict between cyclist and other vehicles, these application provide a visual enhancement, delineation and notification that bicycles may share this space.



Stay Connected

Follow us on Twitter @RegionofPeel
Learn more at peelregion.ca/VisionZero



Cyclist

Bicycle Signals and Cross-Rides

The Region continues to install a dedicated space identified by unique pavement markings, for cyclists to legally ride their bicycle across a roadway without dismounting. The Region built two crossrides with bicycle signals in 2019.



Cyclist Targeted Media Messaging

The Region’s Education and Outreach program continues to provide safety messaging through various media sources targeted at promoting cyclist and pedestrian safety.



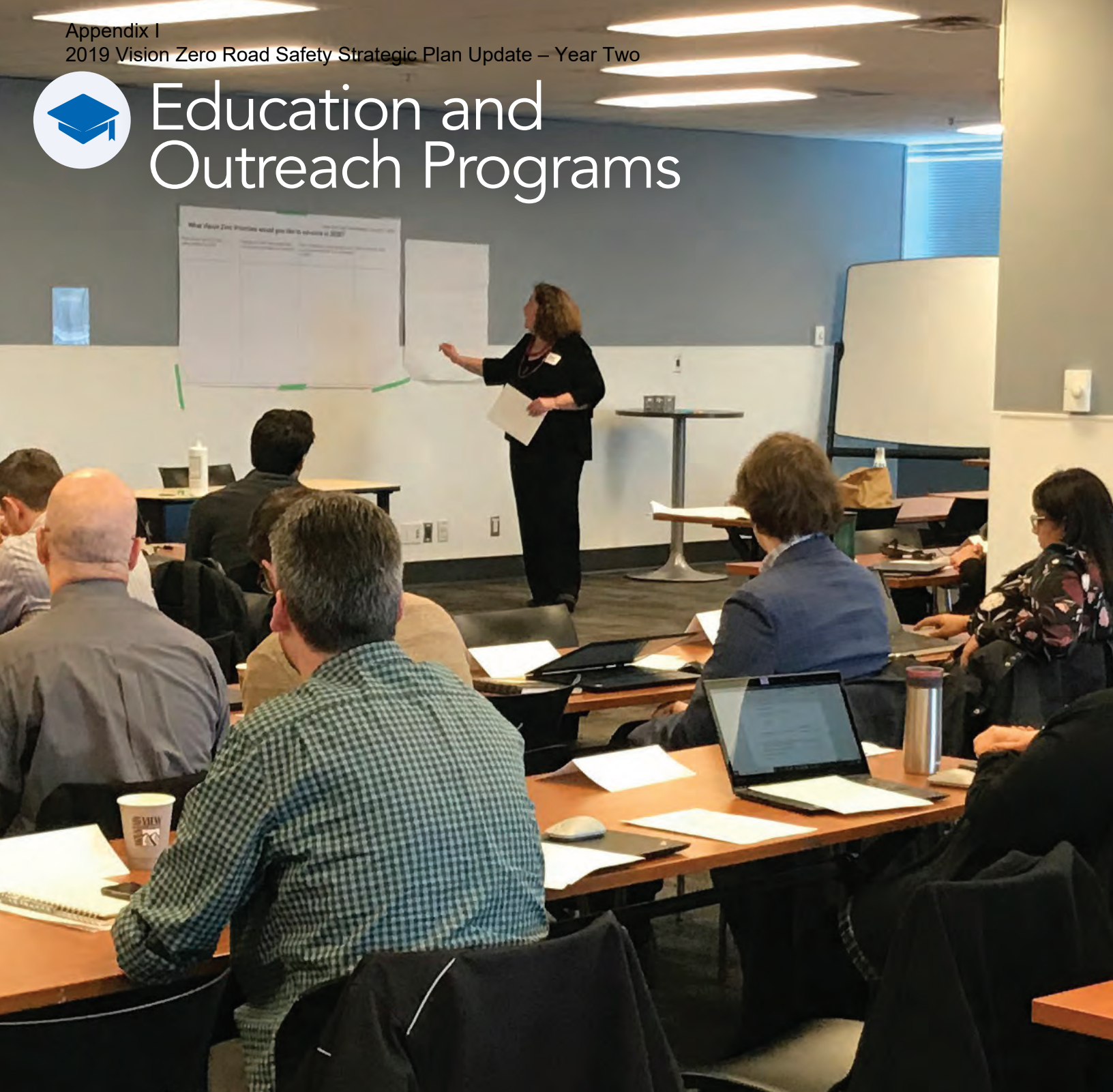
Bike Rodeos

The Region continues to participate in bike rodeo which is a bicycle skills event that provides an opportunity for cyclists to practice and develop skills that will help them to cycle safely and with confidence.





Education and Outreach Programs



Education and outreach countermeasures aim to increase awareness of road safety, while empowering all road users to make safer choices. Empathy is a concept that requires one road user to put themselves in the position of another and is applied to all Region of Peel education and outreach initiatives.



Education

2019 Education and Outreach - Committees and Conferences

The goal of the Region is to empower all road users to make safer choices and adopt an empathic behavior change towards road safety. To do so, Regional staff and Police services have attended various events and participated on several committees to promote road safety in 2019, while using various social media campaigns to raise public awareness.

General Committees, Conferences:

- The Canadian Association of Road Safety Professionals Conference held in Calgary
- Road Safety Committee of Ontario
- Mississauga Road Safety Committee
- Region of Peel Vision Zero Task Force
- Caledon Active Transportation Task Force



Canadian Association of Road Safety Professionals conference 2019



Education

2019 Education and Outreach - Pedestrians & Cyclists

The Region supports safe cycling and walking through collaborative programs and committees to provide pedestrian and cycling safety messages to all road users in Peel.

For example, Walk and Roll Peel coordinates with Regional staff at approximately 12 events per year to promote cycling and pedestrian road safety and travel routes. These events have an attendance of between 50 and 19,000 Peel residents.

Programs and Committees:

- Brampton Book Bike Ride
- Walk and Roll Peel
- Brampton Cycling Advisory Committee
- Active Transportation Task Force
- Mississauga Cycling Advisory Committee
- Bike Brampton
- Peel Children Water Festival
- Bike to School Event
- Bike Rack Program
- Caledon School Traffic Safety
- Peel Safe and Active Routes to School
- GTHA Active and Safe School Travel Hub
- Peel School Travel Planning

Region of Peel was involved in the following events in 2019:

- Bramalea Cyclefest 2019 (June 1st, 2019)
- McHardy Court Bike Rodeo (June 15th, 2019)
- Caledon Day (June 18th, 2019)
- Velocity 2019 (June 18th, 2019)
- Bike the Creek (June 22nd – June 30th, 2019)
- Brampton Farmer's Market Get Active 2019 (June 29th, 2019)
- Mississauga Cycles Family Day (August 27th, 2019)
- TRCA Winter Cycling (December 19th, 2019)





Enforcement and Education Campaigns



Caledon OPP and its traffic safety partners remain committed to saving lives on our roads. A well-rounded approach is utilized by our members that encompasses impaired and aggressive driving enforcement, commercial motor vehicle inspections, municipal, provincial and national campaign participation, as well as strong communication using media releases and social media. Our officers continue to use high visibility, public education and enforcement to eliminate serious injuries and road fatalities in our community. We are proud to collaborate with various community partners in an effort to improve road safety.

Inspector Mike Garant
Ontario Provincial Police - Caledon Detachment

Image courtesy of Ontario Provincial Police



Enforcement and Education Campaigns

2019 Police Services Education Awareness Programs

Peel Regional Police and Ontario Provincial Police - Caledon Detachment promote and deliver road safety education awareness programs to help reduce the number of fatal and injury collisions in the Region of Peel. They have partnered and participated with the Region and the municipalities in:

- Annual Walk to School Week programming as well as Bike to School Week programming
- School Travel Planning (STP)
- The Region and the Annual Pedestrian Safety Month
- Bicycle Rodeo Community program at Children's Safety Village
- National Teen Driver Safety Week
- Motorcycle Safety Awareness Month
- National Police Week
- Tow truck campaign
- Peel Safe and Active Routes to School (PSARTS) committee work and school route planning activities
- Town of Caledon Active Transportation Task Force



Image courtesy of Ontario Provincial Police



Enforcement and Education Campaigns

2019 Peel Regional Police and Ontario Provincial Police - Caledon Detachment Enforcement

The objective of traffic enforcement is to make road users follow the rules of the road by complying with the traffic laws and regulations, and to facilitate safe movement of traffic, pedestrians and cyclists. In 2019, Police were more active with virtual engagement through the social media and traditional media channels.



General Traffic Enforcement Activity 2019

- Reduce Impaired Driving Everywhere (R.I.D.E.) spot checks
- Traffic stops of motor vehicles
- Provincial offence notices (tickets) to vehicle drivers or passengers for failing to properly utilize a seatbelt
- Provincial offence notices (tickets) to vehicle drivers who were speeding
- Provincial offence notices (tickets) to vehicle drivers who were driving while distracted using hand held communication device
- Laid criminal code charges to drivers for impaired operation of a motor vehicle



Commercial Motor Vehicle Enforcement Activity 2019

- Traffic stops of commercial motor vehicles
- Unsafe commercial motor vehicles out of service and removed from roadway

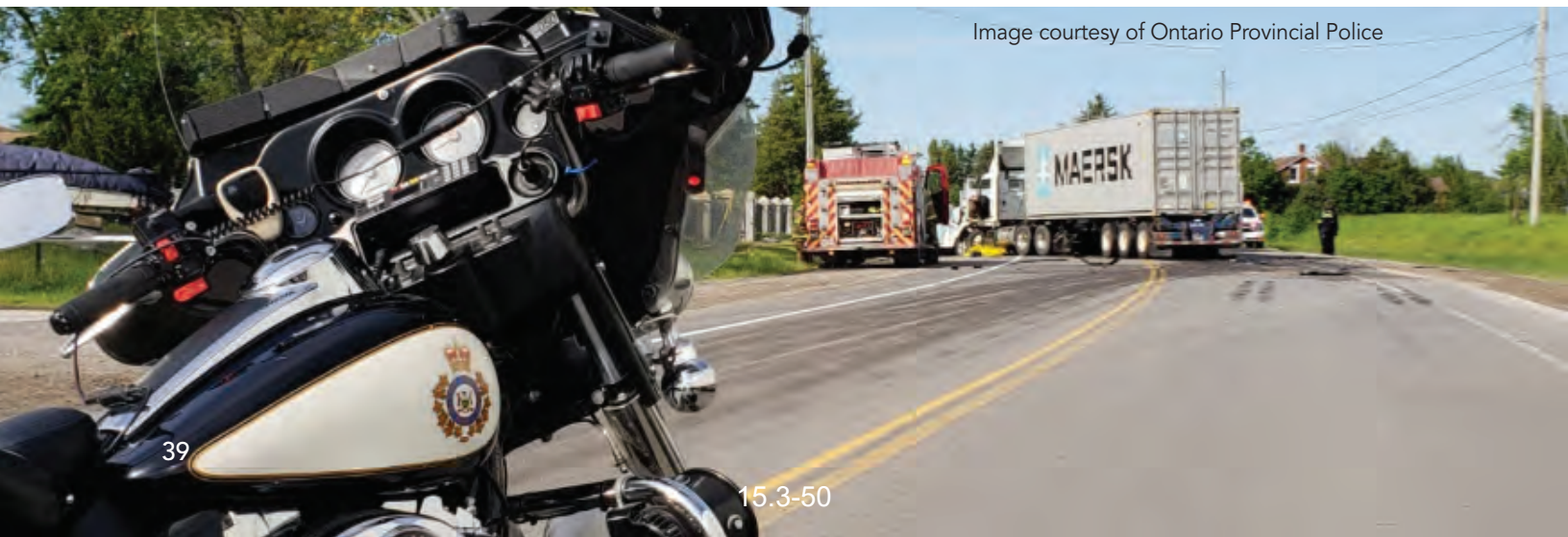


Image courtesy of Ontario Provincial Police



Enforcement and Education Campaigns

2019 Peel Regional Police and Ontario Provincial Police Caledon Detachment Road Safety Initiatives

The road safety campaigns by the police aim to reduce collisions on the roads in Peel while providing empathetic awareness to the public through enforcement. In 2019, the Police services participated in the following road safety campaigns:



Distracted Driving Campaign



Operation Corridor



Operation Impact (Improve Safe Driving Practices)



Seat Belt Campaigns



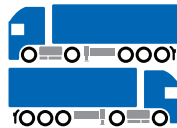
Canada Day Long Weekend Road Safety Campaigns



Festive Reduce Impaired Driving Everywhere (R.I.D.E) Campaigns



Road Safety Week



Operation Safe Trucking



Impaired Driving Campaigns



ERASE (Eliminate Racing Activities on Streets Everywhere)



Civic Day Long Weekend Road Safety Initiatives



Speed and Aggressive Driving Campaigns



Victoria Day Long Weekend Road Safety Campaign



Labour Day Long Weekend Road Safety Campaigns



Back to School Safety Blitz

Stay Connected

Follow us on Twitter @RegionofPeel
Learn more at peelregion.ca/VisionZero





Road Safety Culture

Road Safety Culture

As part of the Road Safety Strategic Plan, the Region aims to promote a 'road safety culture' by encouraging people to place themselves in the situation of other road users to appreciate the potential consequences of their actions.

The goal of this initiative is to change values and attitudes so that road safety is prioritized over other factors such as cost, speed, delay, level of service and convenience.

It will be targeted towards Regional employees, as well as Peel residents to first understand and then address issues of internal and external road safety culture.

The expected outcome is a positive change in attitudes, beliefs, knowledge and behaviours regarding road safety for everyone designing, maintaining and using the roads in the Region.

At the core of all road safety programs is the need to cultivate a strong and consistent safety culture to promote safe behavior by all road users.



Vision Zero Partners

Vision Zero Task Force

Road safety must be integrated into decision making processes. As part of the Road Safety Strategic Plan, the Region created a Vision Zero Task Force. The Vision Zero Task Force consists of members from local municipalities, the Region, elected officials, police, and other stakeholders. The Task Force supports ongoing efforts to achieve the Plan’s vision

and goal by ensuring that all opportunities to improve road safety are identified, prioritized, supported, and implemented as appropriate. We would like to thank the following partners that continue to work with us to achieve our road safety vision and goals.



Region of Peel



Peel Regional Police



Ontario Provincial Police



Town of Caledon



City of Brampton



City of Mississauga



Peel Regional Paramedic Services



Canadian Automobile Association



Mothers Against Drunk Driving



Bike Brampton



Brampton Cycling Awareness Committee



Mississauga Cycling Advisory Committee



Mississauga Road Safety Committee



Teens Learn to Drive



Ministry of Transportation of Ontario

Stay Connected

Follow us on Twitter @RegionofPeel
 Learn more at peelregion.ca/VisionZero





Region of Peel

Region
of Peel
working with you

Stay Connected

Follow us on Twitter @RegionofPeel
Learn more at peelregion.ca/VisionZero



