

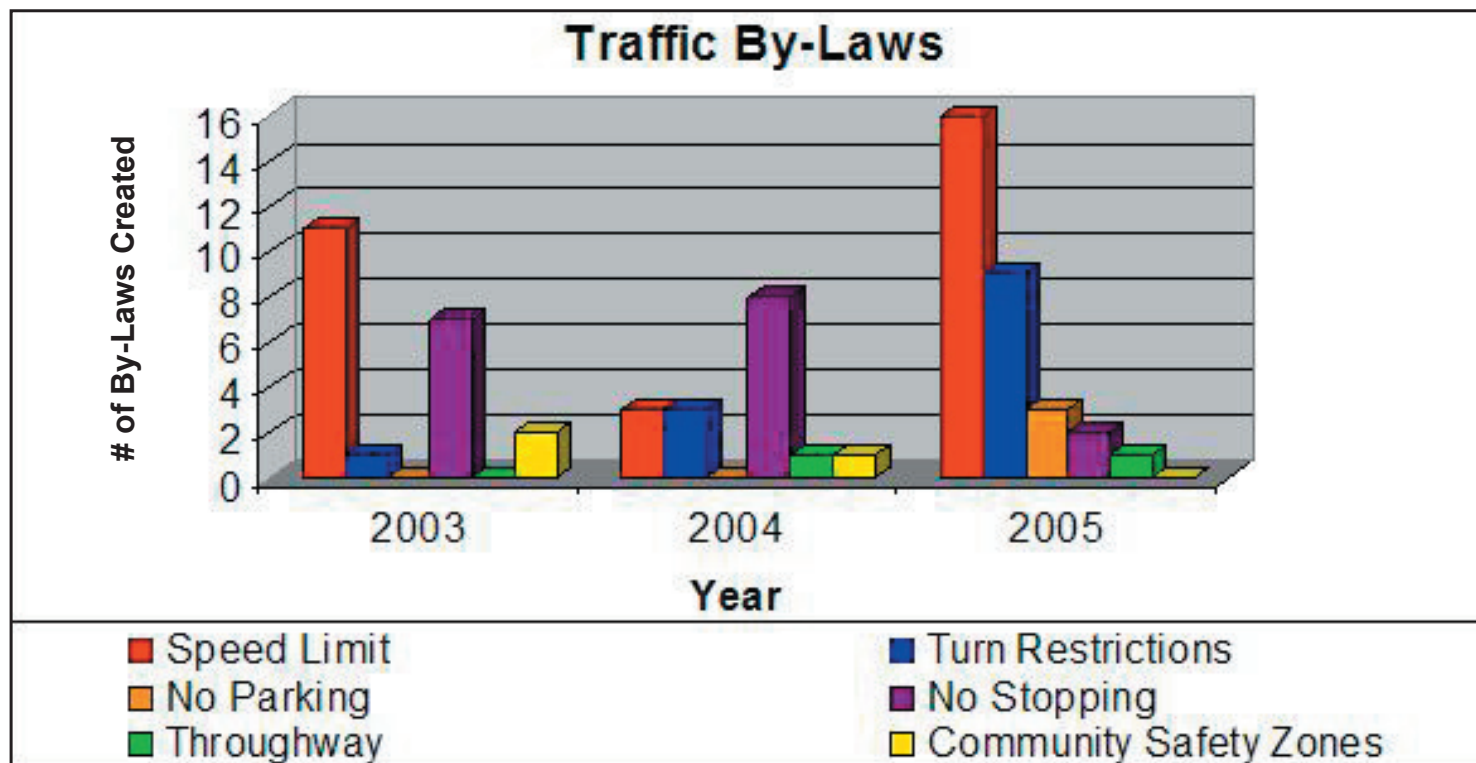
SECTION 3

Traffic Safety

Traffic Safety in York Region

The Traffic Engineering and Safety unit promotes safe and efficient traffic operations on the Regional Road System. Its primary activities are:

- Traffic By-Laws
- Traffic Safety Improvement Program
- Traffic Data Collection Program
- Collision Data Collection Program

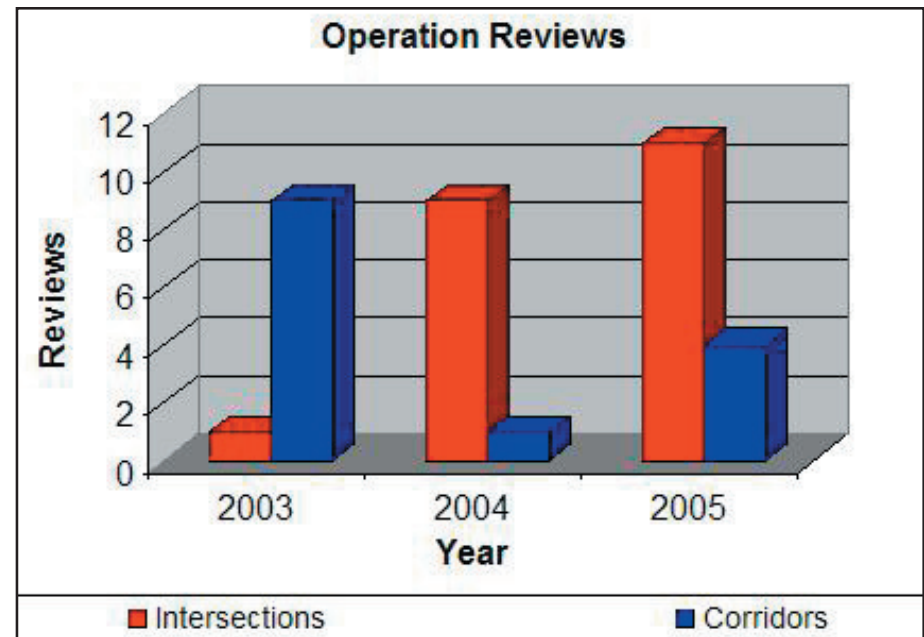
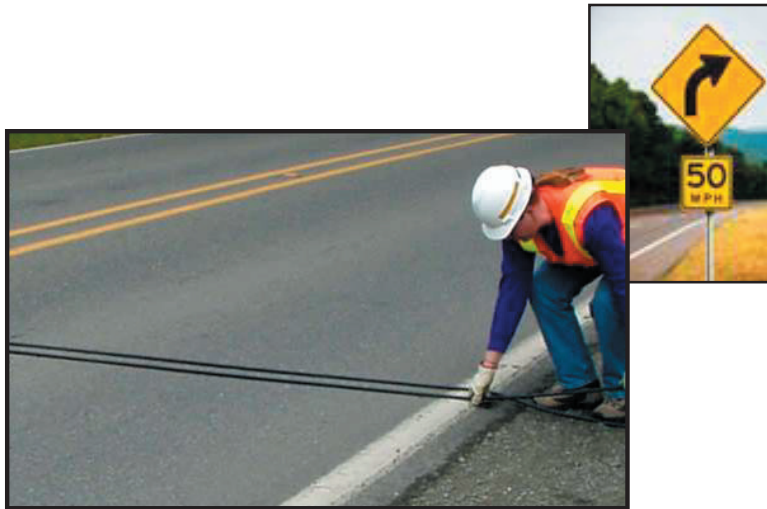


Traffic By-Laws

The Traffic Engineering and Safety Unit is responsible for managing, administering, and developing the Region's traffic by-laws that include speed limits, turn restrictions, parking restrictions, stopping restrictions, throughway highways, and community safety zones.

Traffic Safety Improvement Program

The Traffic Engineering and Safety Unit is responsible for compiling, analyzing and interpreting traffic and collision data to determine ways to improve the overall safety performance of the Regional road network. This program identifies intersections and roadway links that require safety and operational improvements to reduce collisions.

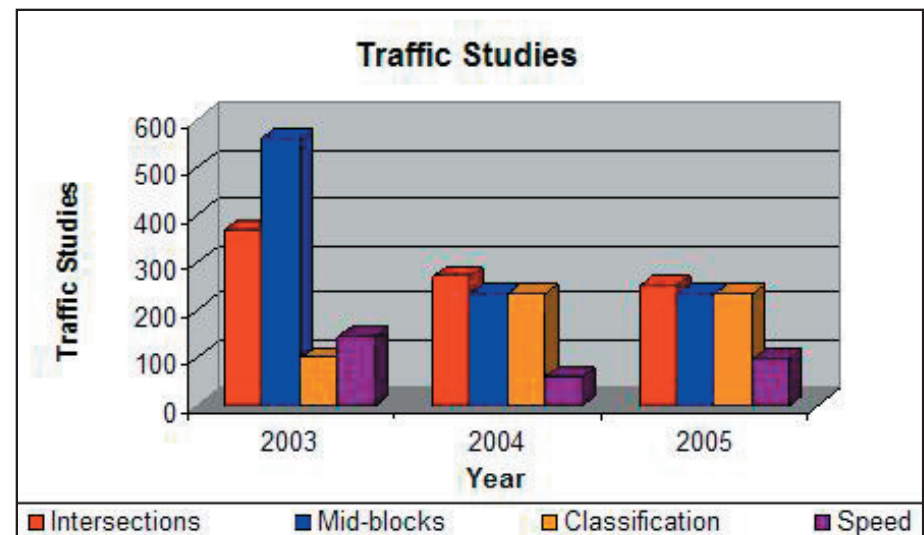


Traffic Data Collection Program

The Traffic Engineering and Safety Unit is also responsible for collecting, processing and maintaining traffic data to support the planning and development of road infrastructure improvement programs.

Traffic Data

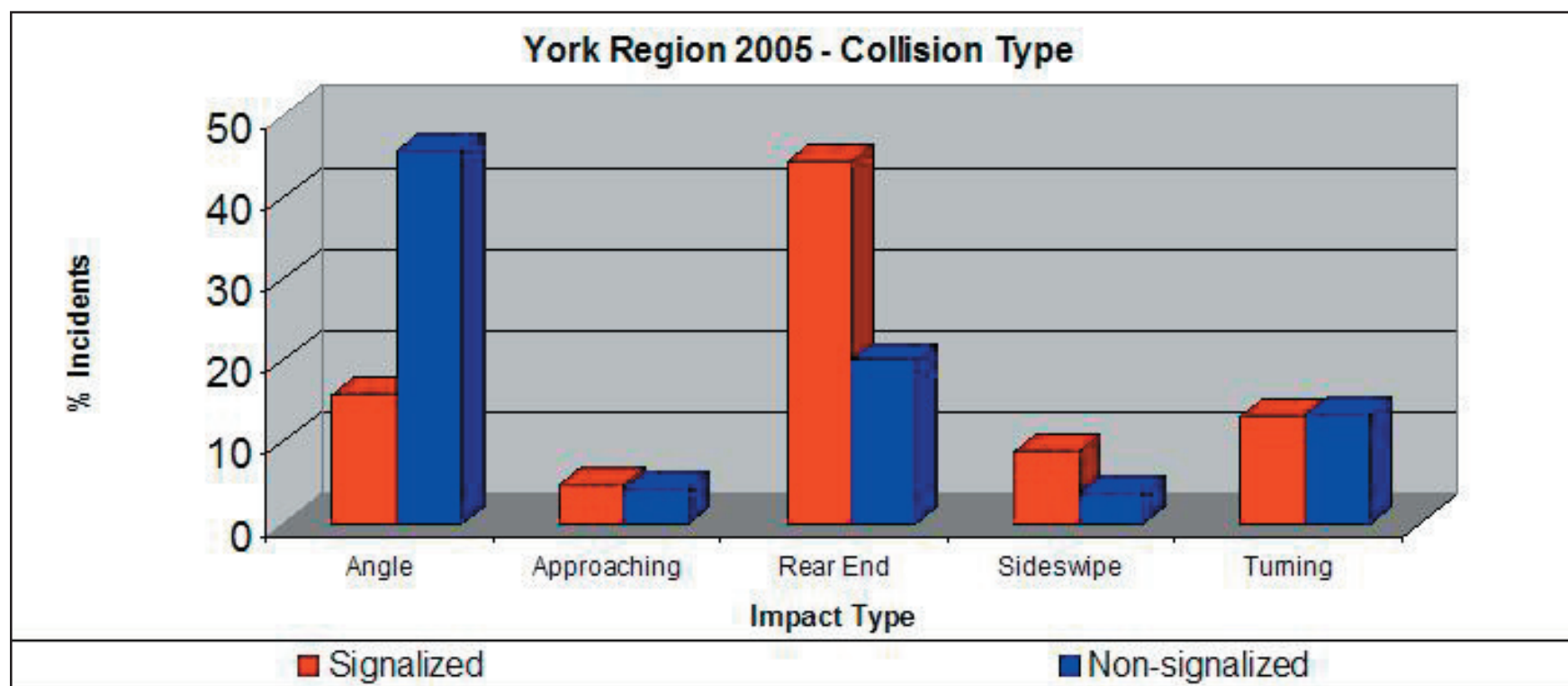
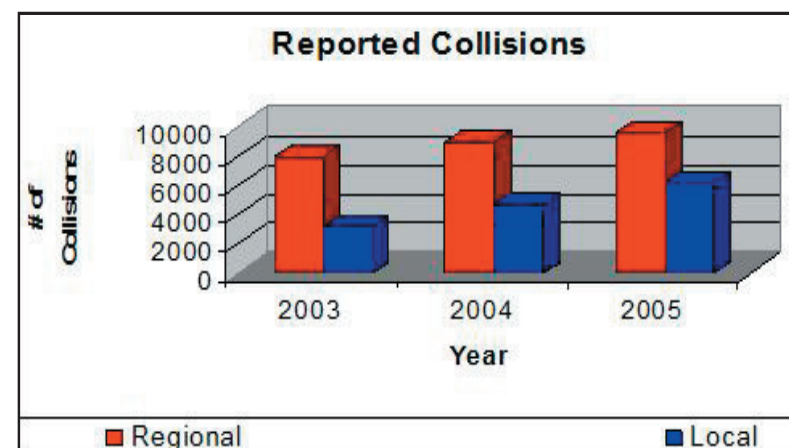
- Permanent count station
- Intersection turning movement counts
- 7-day continuous mid-blocks counts (Automatic Traffic Recorder)
- Vehicle classification counts



Collision Data Collection Program

The Collision Data Collection program is used to collect, verify and enter collision data into a Regional database.

The vast majority of collisions on regional roads occur at signalized intersections. “Angle” and “turning” type collisions are more likely to result in serious injury. Therefore engineering improvements, law enforcement programs, and educational programs focus on reducing these types of collisions.



Collision Types

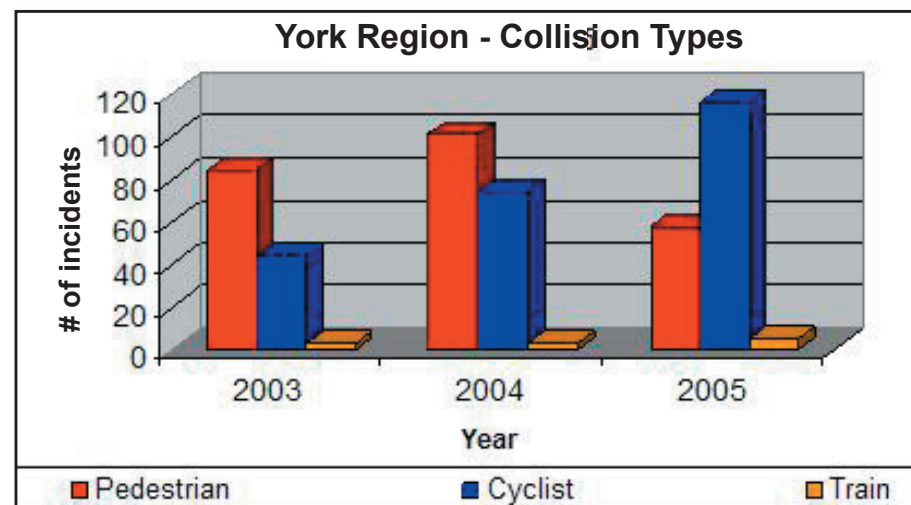
There were a total of 28 traffic fatalities in 2005 on all Regional Roads representing about one third of all non health related accidental deaths in the Region.

Between 2003 and 2005 the number of fatal and injury collisions grew by an average of 0.9 percent per year, this growth is significantly less than the population growth rate of 4.5 percent per year over the same period.

Year	Fatal	Injury	Property Damage Only	Total
2003	19	1455	6509	7983
2004	26	1619	7332	8977
2005	28	1557	7997	9582

Collisions by Surface Condition

More than 50% of all collisions in the winter months occur where the road surface is covered with water, snow, slush or ice. Some drivers underestimate the level of control that is required on wet winter roads and drive at speeds inappropriate for the conditions.

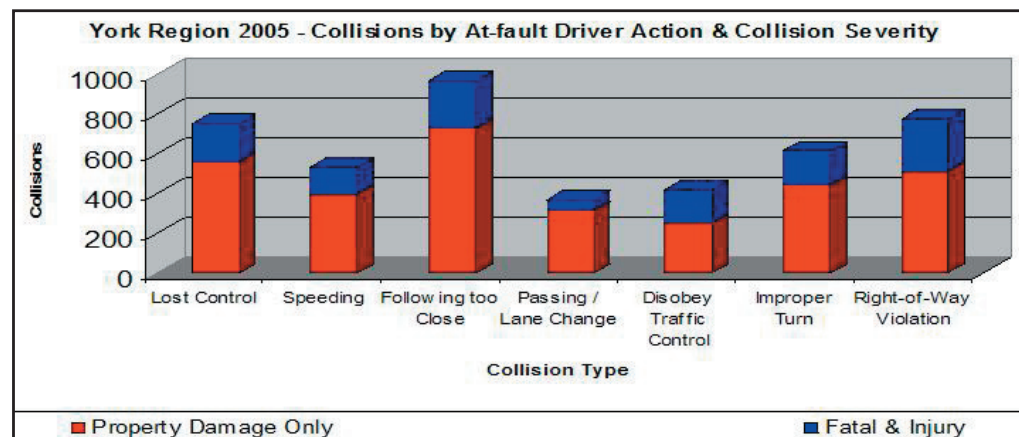


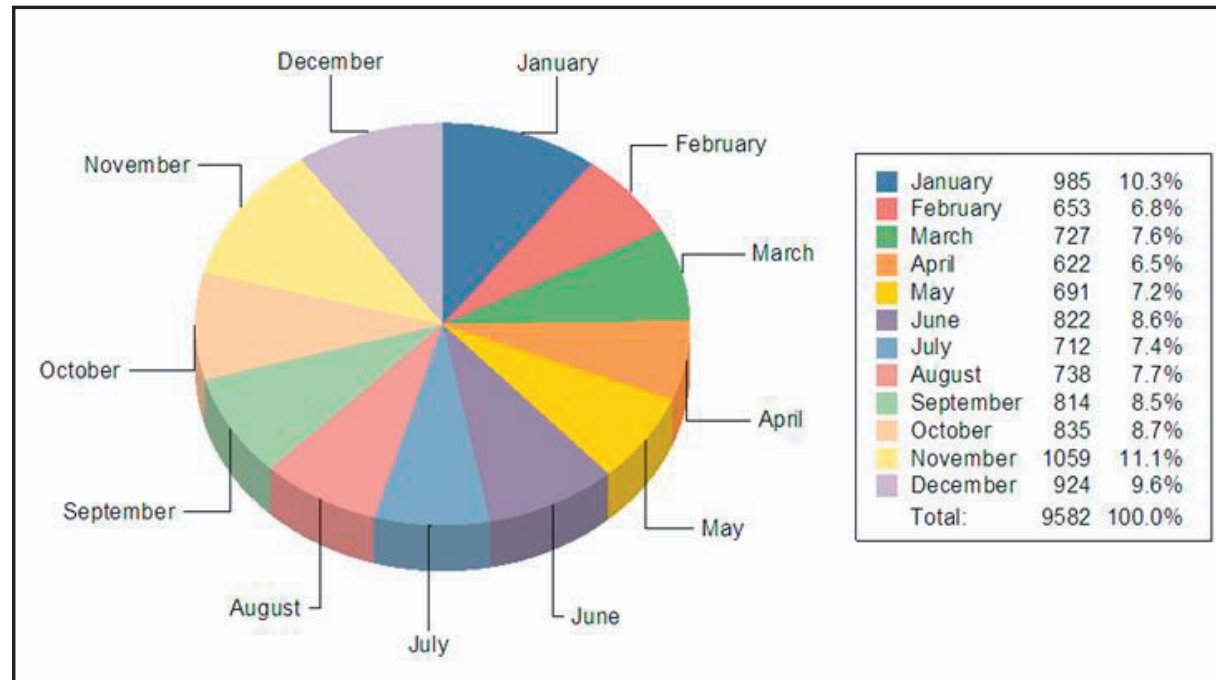
Driver Action in 2005 Collisions

The most common driver action prior to a collision is “following too close”. These collisions generally result in rear-end type collisions that seldom result in severe injury to vehicle occupants.

Studies also show that drivers are generally at five times greater risk of being involved in a motor vehicle collision when talking on a cellular phone.

In 2005 York Regional Police issued approximately 112,000 Provincial Offence Tickets and conducted approximately 12,000 hours of radar speed enforcement.



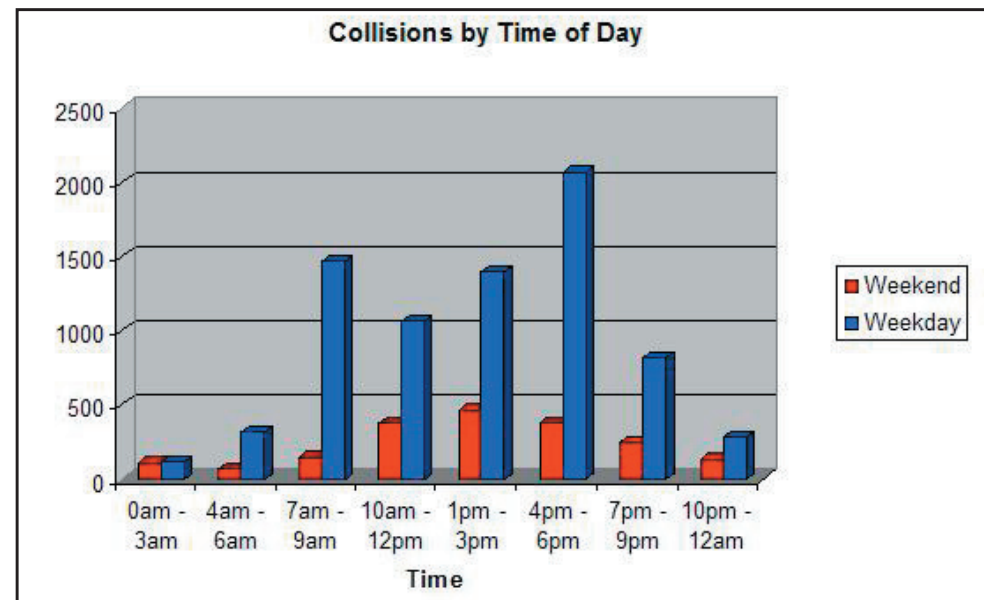


Collisions by Month of Year

Approximately 40% of all motor vehicle collisions on York Region roads occur during the winter months.

Collisions by Time of Day

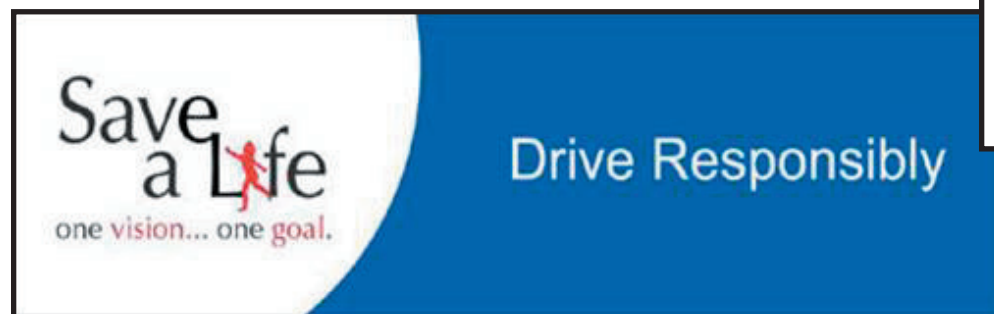
Motor vehicle collisions peak during 'rush hour' times in the morning and evening between Monday and Friday.



Save-A-Life Campaign

To address growing community concerns about road safety in York Region, the Save-a-Life Campaign was initiated in 1999 as a joint endeavour between York Regional Police, Transportation and Works and York Region Health Services.

The Save-A-Life program relies on a multi-disciplinary approach to road safety management and involves the following three disciplines: engineering, enforcement and education.



Operation Winter Blitz

Launched in November 2005, this is a joint endeavour by York Regional Police and the Transportation and Works department to educate motorists on winter driving to reduce collisions during winter months.

