



VEHICLE / PEDESTRIAN COLLISIONS (HRM: 2012-2014)

February 9, 2015

SUMMARY

There was a total of 639 vehicle/pedestrian collisions reported to police in the 2012-2014 period, with a total of 658 victims in Halifax Regional Municipality. The number of collisions decreased by 19% from 2012 to 2013, but increased by 26% from 2013 to 2014.

In the three year period, the majority of victims (59%) did not experience an injury as a result of the collision. Victims were most commonly in the 10-30 age range, with females accounting for a higher proportion than males. Males accounted for 66% of drivers involved in vehicle/pedestrian collisions.

Most vehicle/pedestrian collisions occurred on weekdays, most commonly between 3-8pm. Across the three year period, there was an average of 22 collisions reported per month from October to March, compared to an average of 13 collisions per month from April to September. Weather conditions were clear and/or sunny at the time of most collisions.

Incidents in crosswalks accounted for over half of vehicle/pedestrian collisions. At least one SOT was issued in 45% of collisions.

TOTAL VEHICLE/PEDESTRIAN COLLISIONS IN HRM: 639

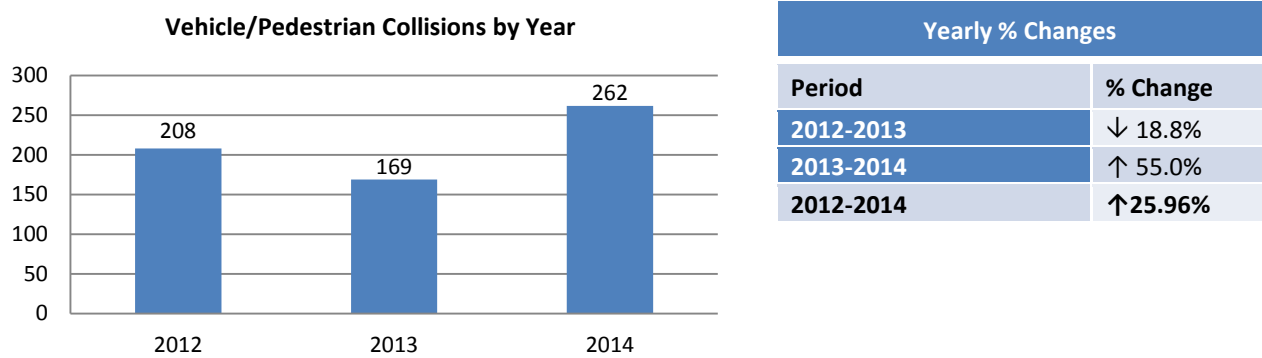
TOTAL VICTIMS OF VEHICLE/PEDESTRIAN COLLISIONS IN HRM: 658

DISCLAIMER: All figures presented in this report reflect the information held on HRP systems at the time of data extraction and are subject to change without notice.

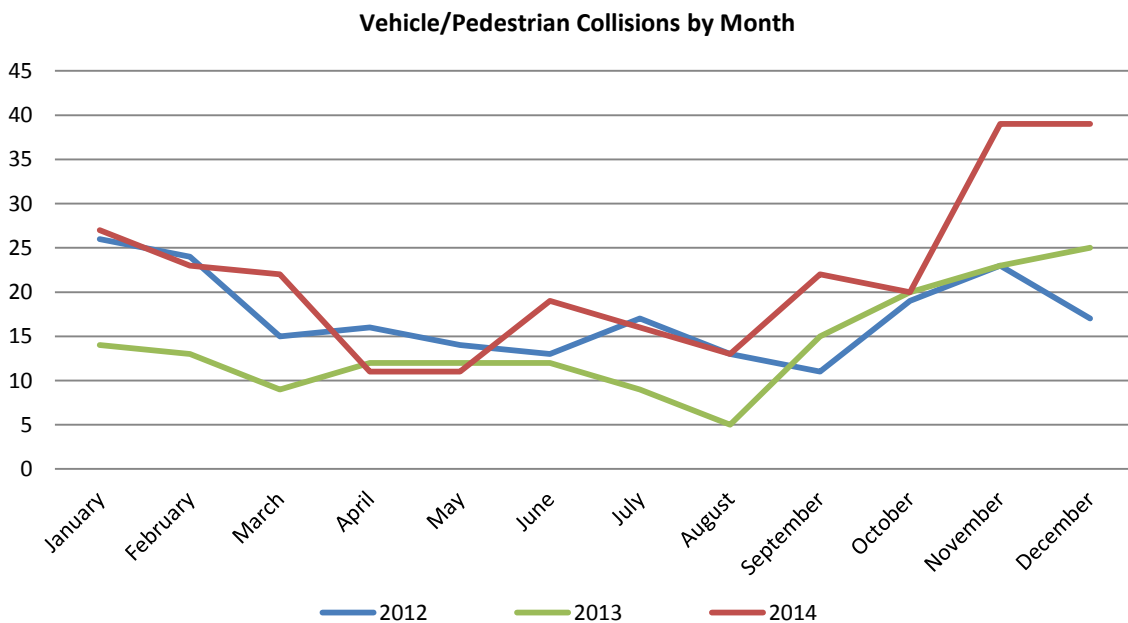
DETAILED ANALYSIS – VEHICLE / PEDESTRIAN COLLISIONS

OVERALL TRENDS

The number of vehicle/pedestrian collisions reported in 2013 dropped compared to 2012. However there was a substantial increase in reported incidents from 2013 to 2014.

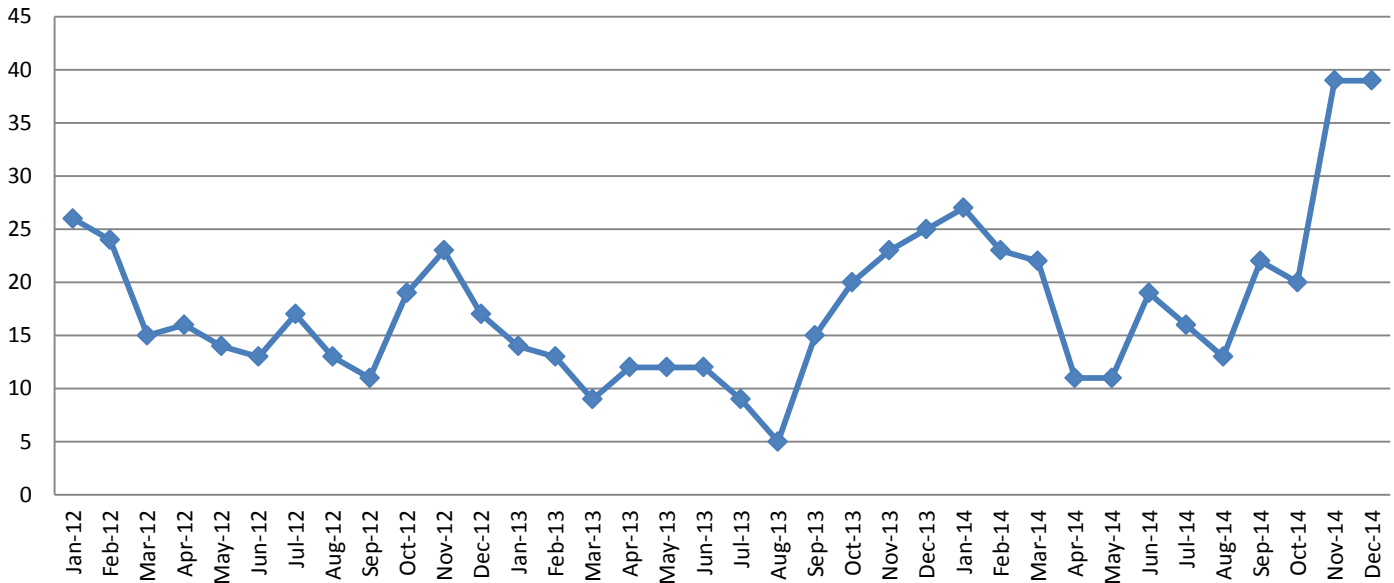


All three years saw an overall decrease in the number of vehicle/pedestrian collisions during the spring and summer months, followed by increases throughout the fall.



The below chart displays the number of vehicle pedestrians collisions each month over the three year period. In 2012 the number of collisions began to drop in December after an increase throughout the fall months, and continued to decrease throughout 2013 until August. The number of collisions increased considerably during the remainder of 2013 and continued at a similar level throughout most of 2014 (with the exception of a few spring and summer months).

Vehicle Pedestrian Collisions by Month: 2012-2014



DIVISION & DISTRICTS

In 2013 West Division and Tantallon District were the only areas that saw an increase in the number of vehicle pedestrian collisions compared to 2012. All HRP divisions and Sackville District had an increase in the number of collisions from 2013 to 2014.

All HRP divisions had an increase in collisions from 2012 to 2014.

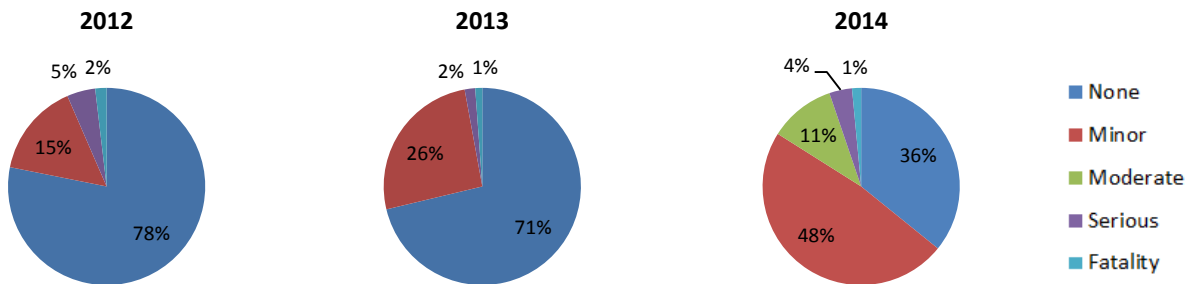
2012-2014					
DIVISION/DISTRICT	2012	2013	2014	2012-2014	2012-2014 % Change
Central	87	63	102	252	↑ 17.2%
East	46	35	64	145	↑ 39.1%
West	46	51	72	169	↑ 56.5%
HRP	179	149	238	566	↑ 33.0%
Cole Harbour	10	7	6	23	↓ 40.0%
Sackville	18	6	15	39	↓ 16.7%
Musquodoboit Hbr.	1	0	0	1	↓100.0%
North Central	0	0	0	0	0.0%
Sheet Harbour	0	0	0	0	0.0%
Tantallon	0	7	3	10	↑
RCMP	29	20	24	73	↓ 17.2%
HRM TOTAL	208	169	262	639	↑ 26.0%

PEDESTRIAN INJURIES

From 2012 to 2014 59% of victims were not injured as a result of a vehicle/pedestrian collision. The proportion of minor injuries increased substantially in 2014 compared to the previous two years.

2012-2014		
Injury Type	#	%
No Injury	388	59.1%
Minor / Moderate*	236	35.9%
Serious	23	3.5%
Fatality	10	1.5%
TOTAL	657	

* Moderate injury classification only used in 2014.
Above table excludes 1 case where pedestrian injury is unknown



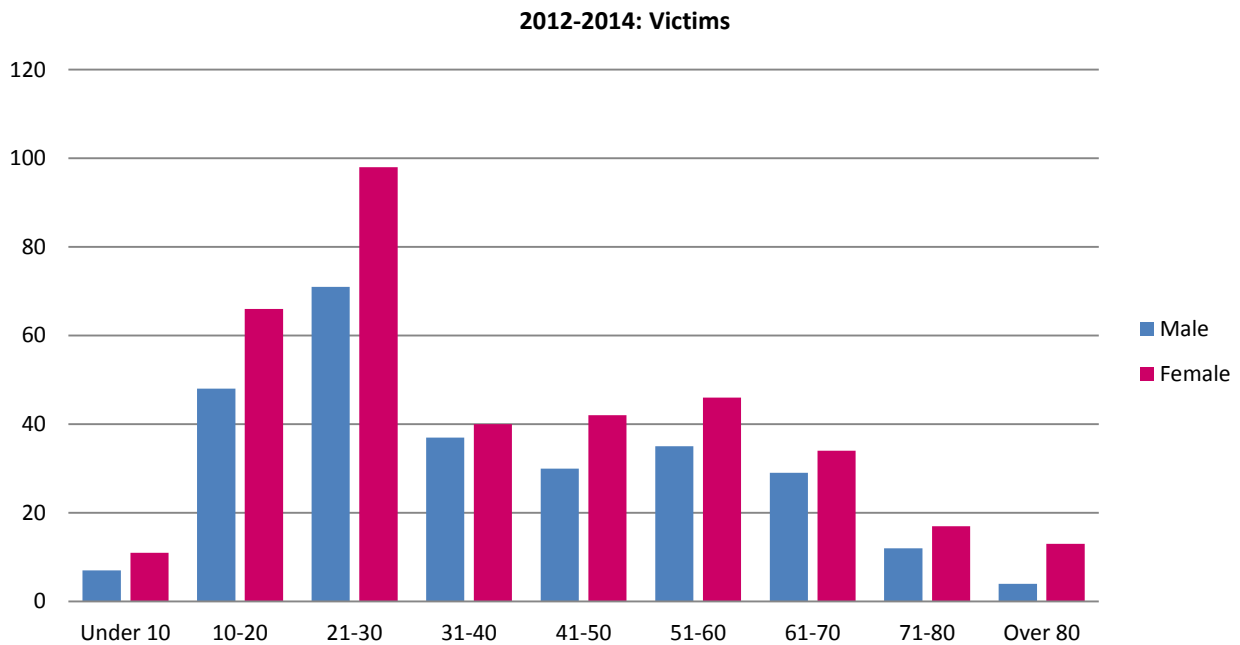
VICTIMS

A higher proportion of victims were female (377, 57.4%) compared to male (280, 42.6%) in the 2012-2014 period.

In all, the 21-30 age group had the highest proportion of victims (26.4% of victims), followed by the 10-20 age group (17.8% of victims). This trend is observable amongst males and females. According to the 2011 census for the HRM area, 15.3% of the population is in the 20-29 age range and 11.4% of the population is in the 10-19 age range.

Victim figures exclude 18 cases where victim sex and/or age unknown.

2012-2014			
Victim Age Range	Males	Females	All Victims
Under 10	2.6%	3.0%	2.8%
10-20	17.6%	18.0%	17.8%
21-30	26.0%	26.7%	26.4%
31-40	13.5%	10.9%	12.0%
41-50	11.0%	11.5%	11.3%
51-60	12.8%	12.5%	12.7%
61-70	10.6%	9.3%	9.8%
71-80	4.4%	4.6%	4.5%
Over 80	1.5%	3.5%	2.7%
All Ages	42.6%	57.4%	100.0%



DRIVERS

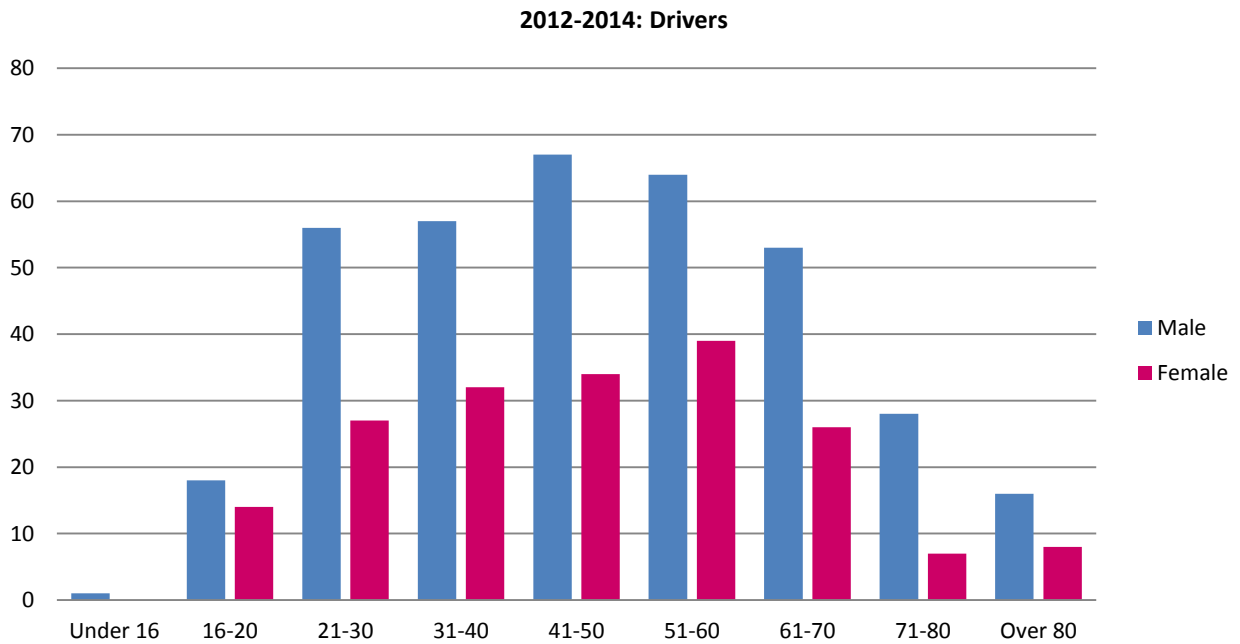
In the 2012-2014 period, males accounted for 66% of drivers involved in vehicle/ pedestrian collisions, which exceeds the male proportion of the population that is of approximate driving age in HRM (nearly 48% according to the 2011 census).

Drivers in the 41-60 age group accounted for 37% of those involved in vehicle/pedestrian collisions over the three year period. This is slightly above the proportion of the HRM population in the similar age bracket (31%).

Victim figures exclude 92 cases where victim sex and/or age unknown.

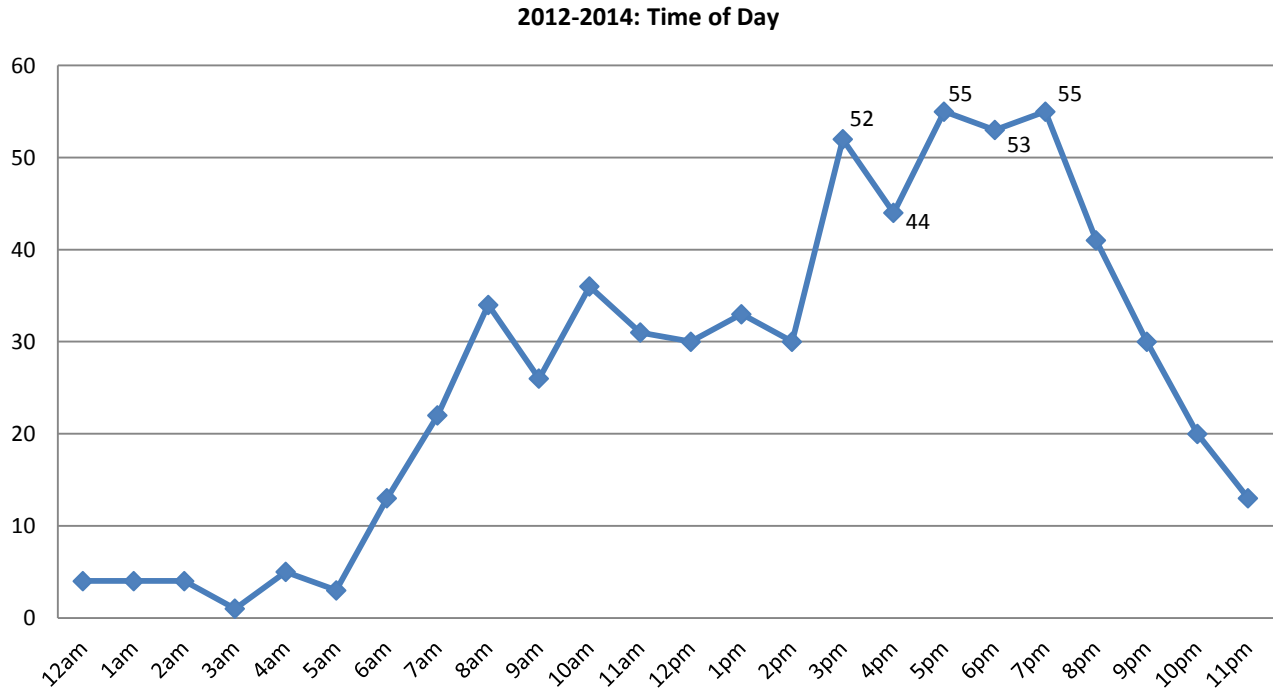
2012-2014			
Victim Age Range	Males	Females	All Victims
Under 10	0.3%	0.0%	0.2%
10-20	5.0%	7.5%	5.8%
21-30	15.6%	14.4%	15.2%
31-40	15.8%	17.1%	16.3%
41-50	18.6%	18.2%	18.5%
51-60	17.8%	20.9%	18.8%
61-70	14.7%	13.9%	14.4%
71-80	7.8%	3.7%	6.4%
Over 80	4.4%	4.3%	4.4%
All Ages	66.1%	33.9%	100.0%

% of cases where driver sex known

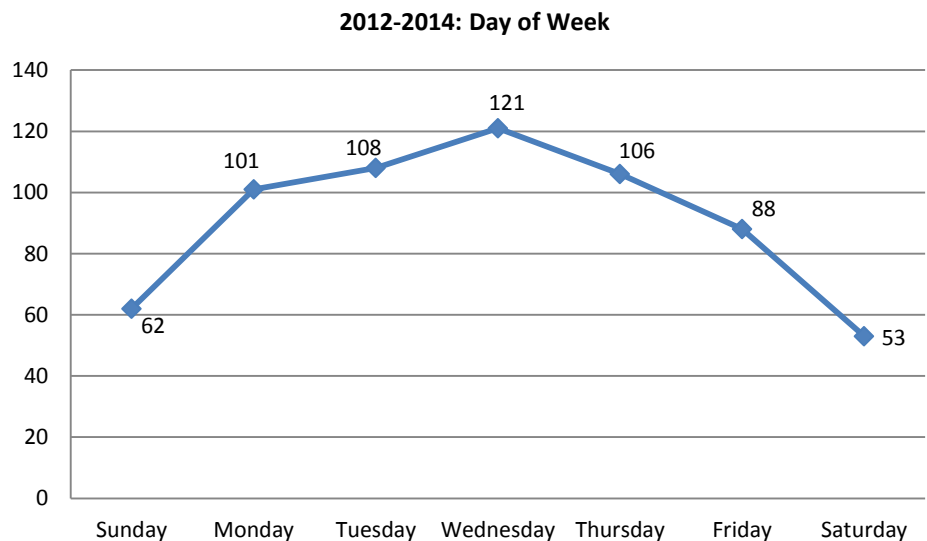


PEAK COLLISION TIMES

The peak time for vehicle/pedestrian collisions in 2012-2014 was from 3pm-8pm, with just over 40% of collisions occurring during this timeframe.



Vehicle/pedestrian collisions most often occurred Mondays to Thursdays (68%), peaking on Wednesdays.

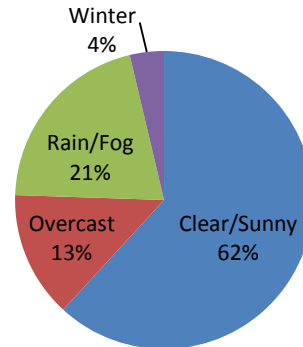


WEATHER & LIGHTING CONDITIONS

Most of the vehicle/pedestrian collisions throughout 2012-2014 took place during daylight (61%), with the remaining 39% occurring during darkness.

The majority collisions occurred during clear and/or sunny weather conditions (62%). One quarter of collisions took place during rain, fog or winter conditions.

2012-2014: Weather Conditions

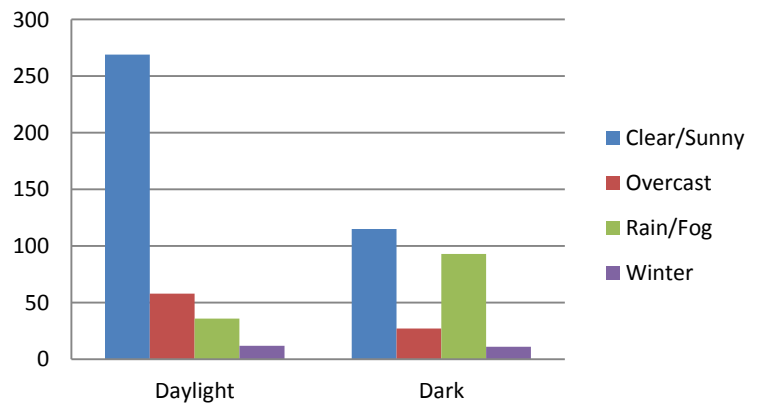


Nearly half (43%) of all collisions took place in clear and/or sunny conditions during daylight hours.

Clear and/or sunny conditions were present for 72% of collisions that occurred during daylight and 47% that occurred during darkness.

Of the collisions which took place during rain and/or fog, 72% were during darkness.

2012-2014: Lighting & Weather



Excludes 18 cases where weather conditions known

CROSSWALK COLLISIONS

Most vehicle/pedestrian collisions occurred at crosswalks in all three years (389 collisions, 61% for the 2012-2014 period).

Crosswalk Collisions			
Year	Outside Crosswalk	In Crosswalk	% In Crosswalk
2012	69	139	66.8%
2013	73	94	56.3%
2014	106	156	59.5%
2012-2014	248	389	61.1%

Crosswalk data not available for 2 cases in 2013

SUMMARY OFFENCE TICKETS (SOTs)

45% of vehicle/pedestrian collisions which occurred from 2012 to 2014 resulted in at least one SOT being issued.

Reasons for not issuing a SOT may include:

- Unable to identify driver or pedestrian
- Conflicting versions of events making it difficult to determine right of way
- Victim either unwilling to co-operate or requested a SOT not be issued to driver

Summary Offence Tickets			
Year	No SOT Issued	SOT Issued	% SOT Issued
2012	105	103	49.5%
2013	104	65	38.5%
2014	140	121	46.4%
2012-2014	349	289	45.3%

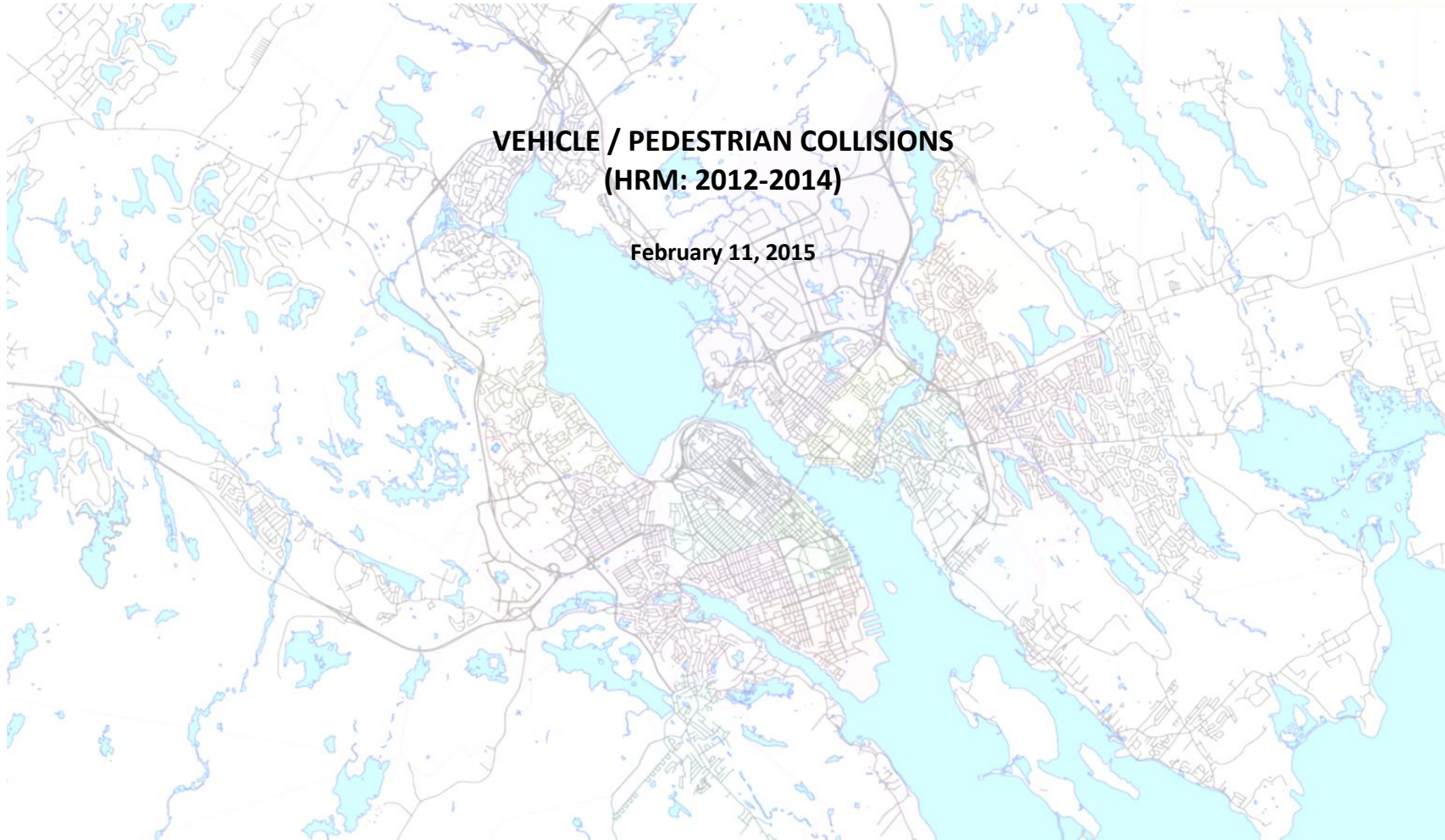
At the time of this report, one 2014 incident was still under investigation.

DISCLAIMER: The above analysis does not include figures recorded as 'unknown' at the data collection stage.

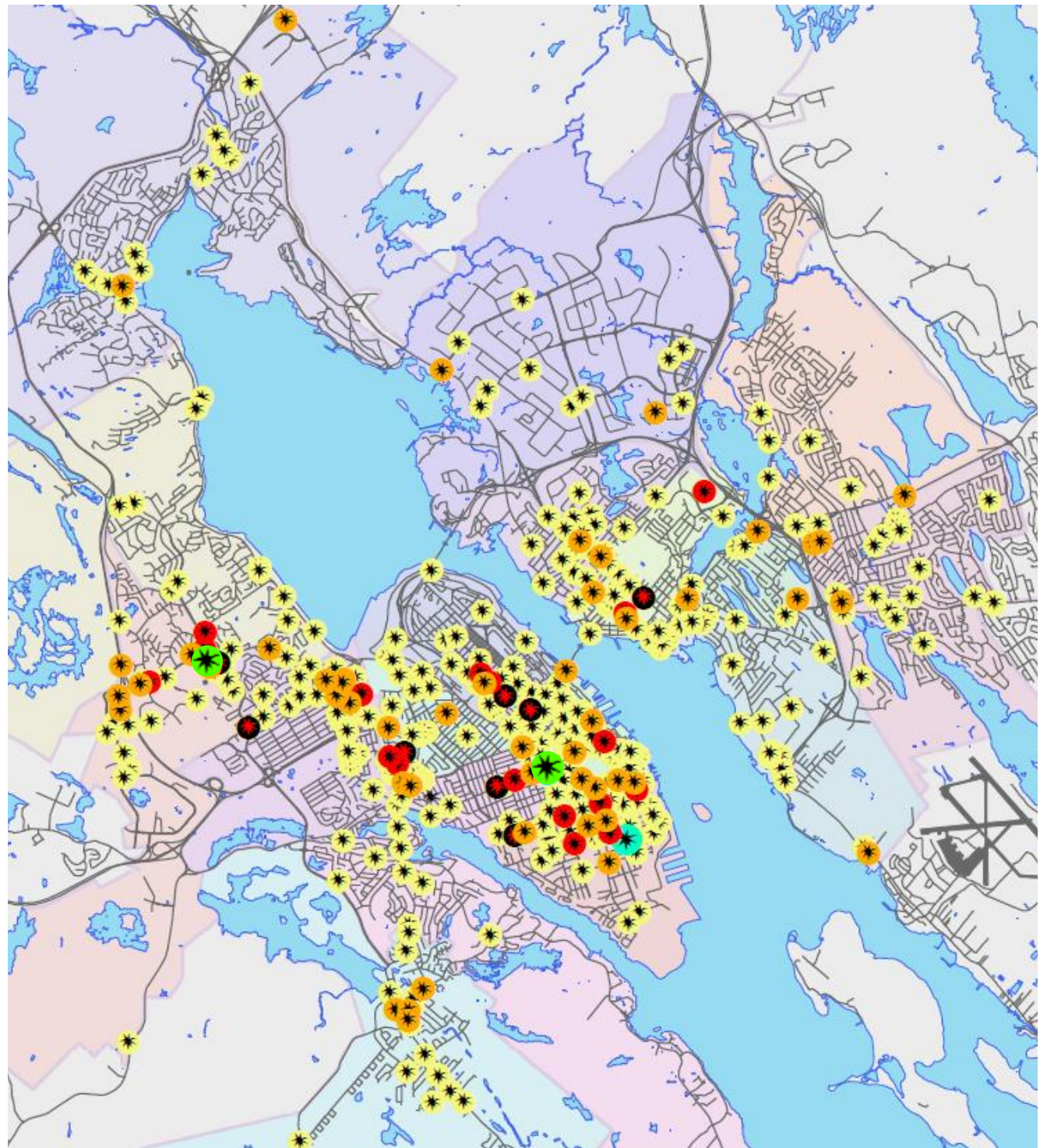
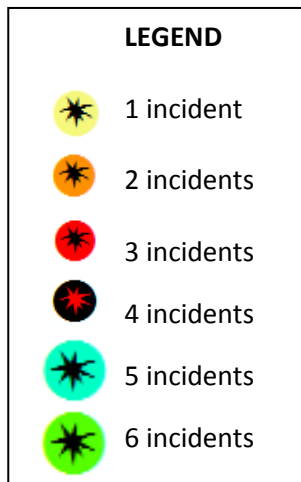


**VEHICLE / PEDESTRIAN COLLISIONS
(HRM: 2012-2014)**

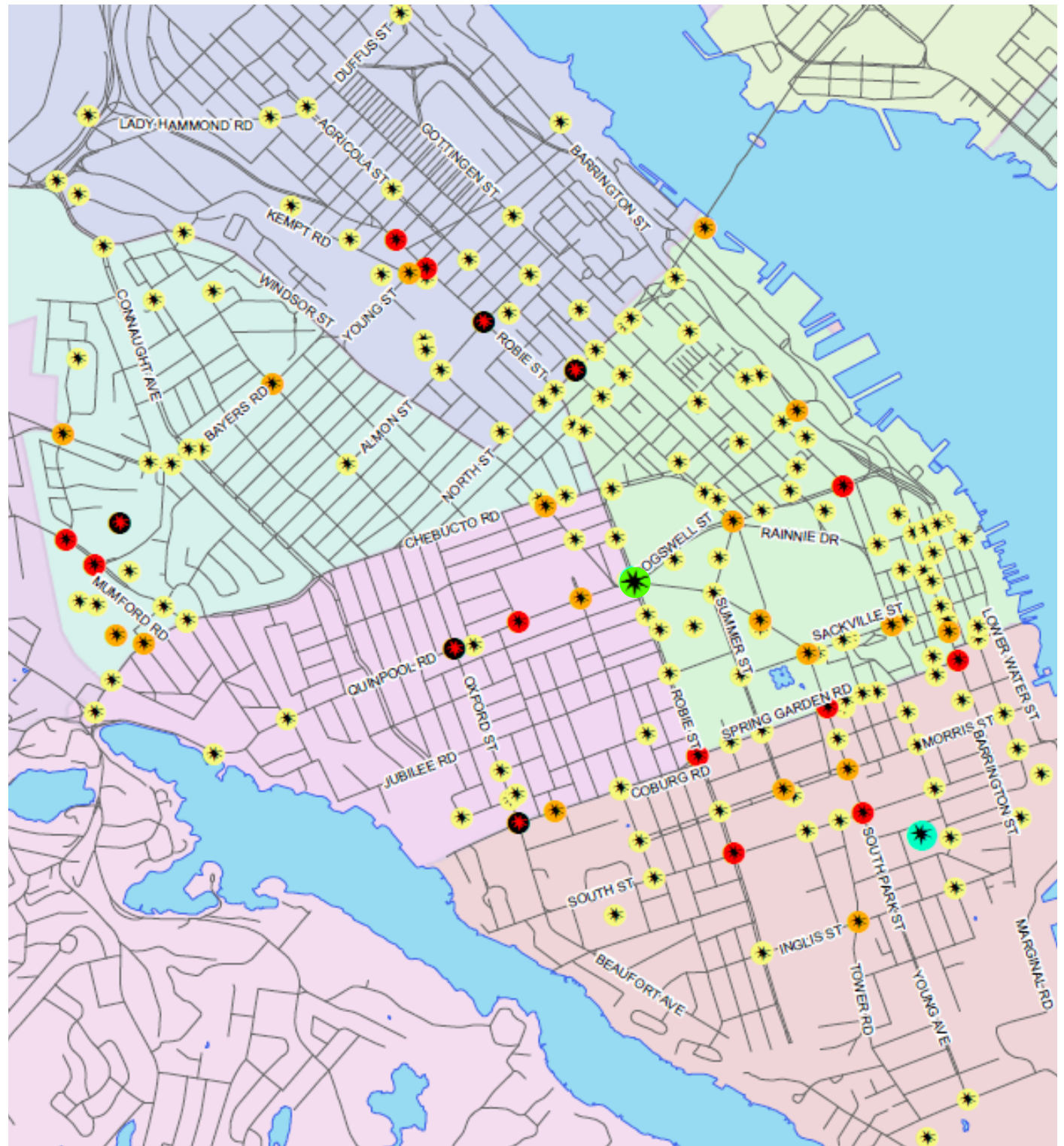
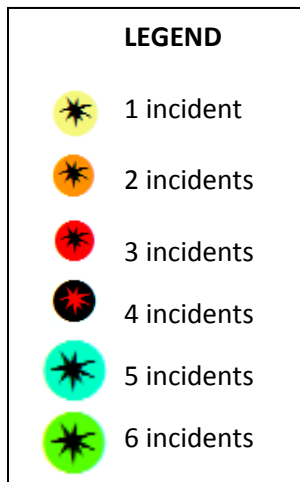
February 11, 2015



HALIFAX REGIONAL POLICE AREA



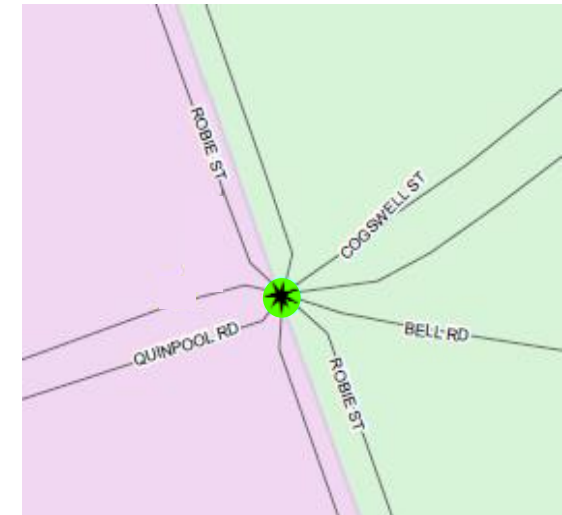
CENTRAL DIVISION



Willow Tree Intersection

There were six vehicle/pedestrian collisions at the Willow Tree intersection from 2012-2014. Adverse driving conditions were involved in five of the incidents.

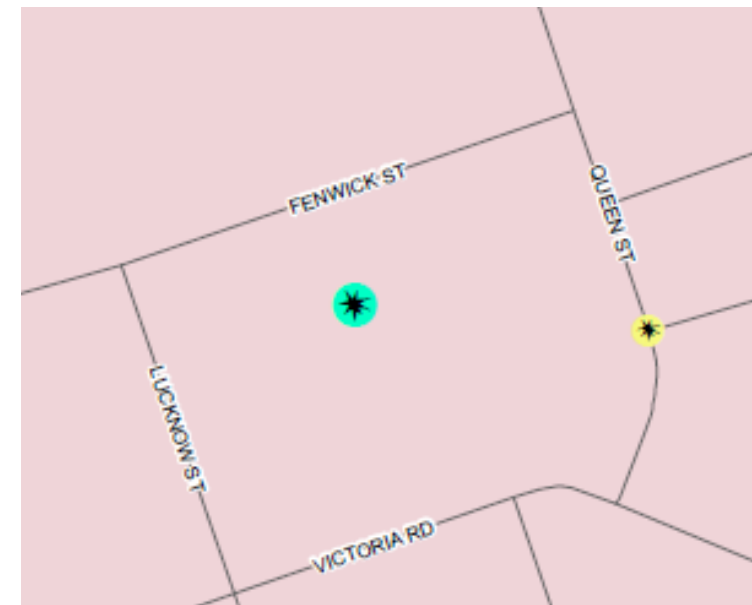
Year	Circumstances
2012	Pedestrian in crosswalk struck by vehicle turning right from Quinpool Rd onto Robie St. Dark and rainy driving conditions. SOT not issued to driver as per pedestrian's request.
2012	Pedestrian in crosswalk struck by vehicle turning left from Quinpool Rd onto Robie St. Dark and rainy driving conditions. SOT issued to driver.
2013	Pedestrian ran in front of vehicle in crosswalk whilst crosswalk light was red. No SOT issued due to unknown identity of victim.
2014	Pedestrian in crosswalk struck by vehicle turning left from Robie St onto Bell Rd. Dark and rainy driving conditions. Not clear whether pedestrian or car had right of way, therefore no SOT issued.
2014	Pedestrian in crosswalk struck by vehicle turning left from Robie St onto Quinpool Rd. Dark driving conditions. Not clear whether pedestrian or car had right of way, therefore no SOT issued.
2014	Pedestrian running in crosswalk struck by vehicle turning left from Robie St onto Quinpool Rd. Dark and raining conditions. SOT issued to driver.



1120 Queen Street (Sobeys Parking Lot)

Four collisions were reported in the Sobeys parking lot area on Queen Street, two of which took place whilst vehicles were exiting the parking lot.

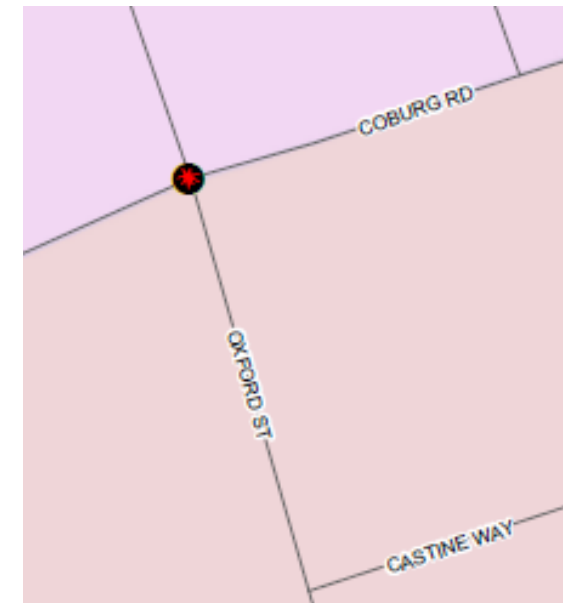
Year	Circumstances
2013	Pedestrian struck while driver was exiting parking lot; driver's visibility reduced due to parked trucks on either side of vehicle. No SOT issued.
2013	Pedestrian struck in marked crosswalk while driver was exiting parking lot. SOT issued.
2013	Vehicle reversed out of parking spot and struck pedestrian. No SOT issued.
2014	Pedestrian struck outside of crosswalk by vehicle making right in turn in parking lot. Dark and rainy driving conditions. No SOT issued to driver.



Oxford Street / Coburg Road Intersection

There were four reported incidents at the intersection of Oxford Street and Coburg Road. All incidents occurred while vehicles were making left hand turns.

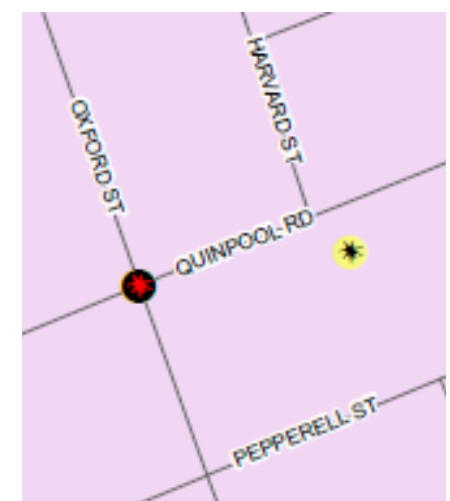
Year	Circumstances
2012	Vehicle struck pedestrian while making a left hand turn, no independent witnesses to confirm whether pedestrian had the walk signal or not. No SOT issued.
2012	Vehicle struck pedestrian (jogger) while making a left hand turn from Oxford St onto Coburg Rd, no independent witnesses to confirm whether pedestrian had the walk signal or not. Driver claimed to have a flashing green arrow; dark, rainy and foggy weather conditions. No SOT issued.
2014	Pedestrian struck in crosswalk by vehicle turning left onto Oxford St from Coburg Rd. SOT issued to driver.
2014	Pedestrian struck in crosswalk by vehicle turning left onto Coburg Rd from Oxford St. SOT issued to driver.



Oxford Street / Quinpool Road Intersection

Four collisions were reported at crosswalks at the Quinpool Road and Oxford Street intersection, all took place in 2012. SOTs were issued to drivers in all four cases.

Year	Circumstances
2012	Vehicle proceeded through red light and struck pedestrian in crosswalk. SOT issued to driver.
2012	Vehicle struck pedestrian while making a left hand turn from Oxford St onto Quinpool Rd. SOT issued to driver.
2012	Vehicle struck pedestrian while making a left hand turn from Oxford St onto Quinpool Rd; icy roads with a considerable amount of salt which limited visibility. SOT issued to driver.
2012	Vehicle struck pedestrian while making a right hand turn from Quinpool Rd onto Oxford St. SOT issued to driver.



North Street / Agricola Street Intersection

There were four reported incidents at the intersection of North Street and Agricola Street. In one of the incidents two pedestrians were struck on the sidewalk.

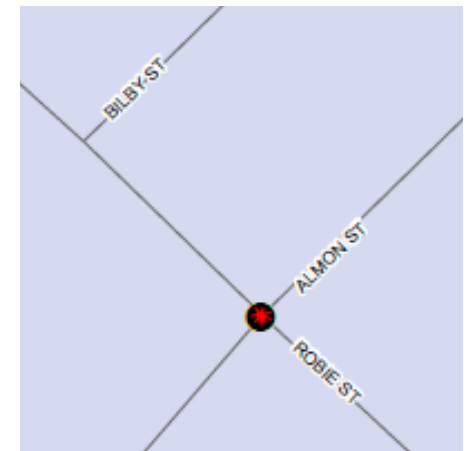
Year	Circumstances
2012	Pedestrian struck in crosswalk by vehicle turning right from Agricola St onto North St. No SOT issued to do inconsistent versions of events.
2013	Driver failed to yield to pedestrian whilst crossing at walk light. SOT issued.
2013	Two pedestrians struck on sidewalk as a result of a two vehicle collision.
2014	Pedestrian struck in crosswalk by vehicle turning right onto Agricola St from North St. SOT issued to driver.



Robie Street / Almon Street Intersection

There were four reported incidents at the intersection of Robie Street and Almon Street, three of which involved vehicles making left hand turns.

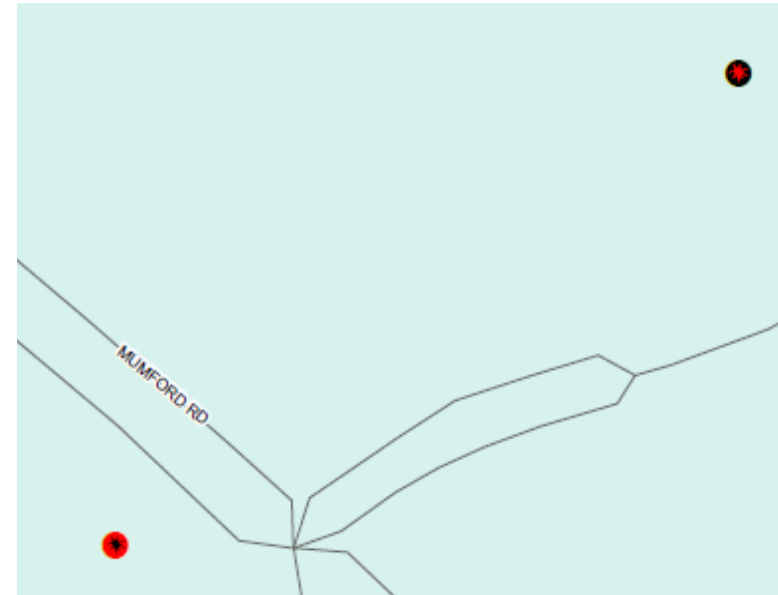
Year	Circumstances
2012	Vehicle struck pedestrian while making a left hand turn from Robie St onto Almon St; dark and rainy weather conditions. SOT issued to driver.
2012	Vehicle struck pedestrian in electric scooter while making a left hand turn from Almon St onto Robie St. SOT issued to driver.
2012	Vehicle was pulling out of parking lot and struck pedestrian. No SOT issued as per pedestrian's request.
2013	Pedestrian struck in crosswalk by vehicle turning left onto Almon St from Robie St. SOT issued to driver.



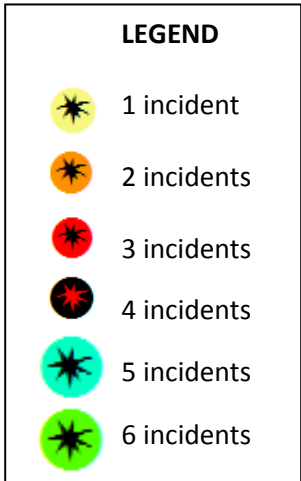
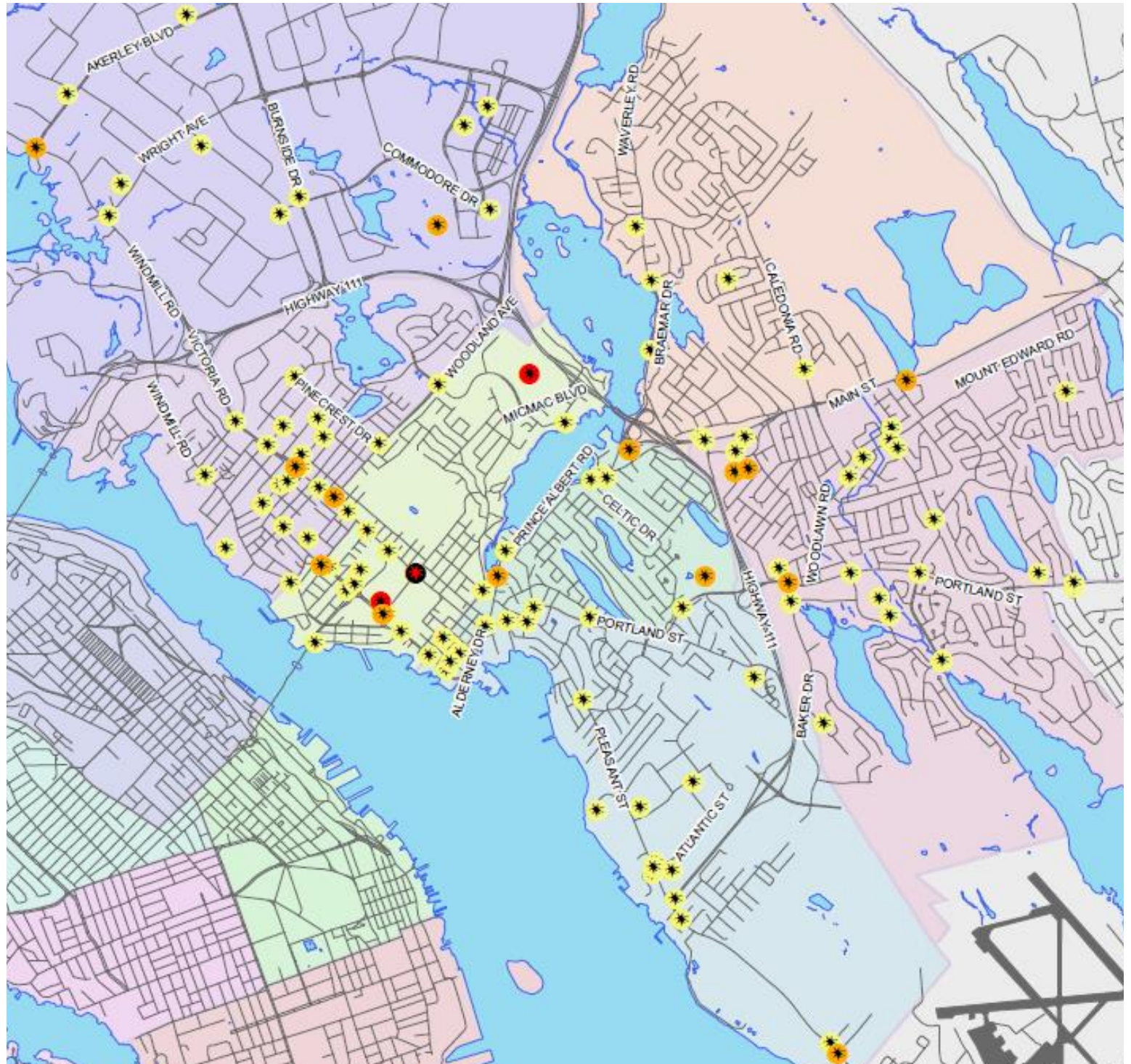
Halifax Shopping Centre / Mumford Road Bus Terminal

Seven incidents were reported at intersections in the vicinity of Halifax Shopping Centre and the Mumford Road bus terminal. Pedestrians were in crosswalks in all but one of these incidents. Three of the four which took place nearer the main shopping building involved school-aged pedestrians.

Year	Circumstances
2012	7001 Mumford Rd – Pedestrian struck in crosswalk by vehicle travelling straight through Mumford Rd intersection. SOT issued to driver.
2012	7001 Mumford Rd – Pedestrian outside of crosswalk ran out into street between two cars and ran into moving vehicle. Incident took place Halifax Shopping Centre Blvd. No SOT issued due to it not being in best interest of either party.
2013	7001 Mumford Rd – Pedestrian struck in crosswalk while crossing Bayers Rd at Halifax Shopping Centre. Driver not identified, no SOT issued.
2014	7001 Mumford Rd – Pedestrian struck in crosswalk at the Halifax Shopping Centre Blvd intersection. SOT issued to driver.
2012	7000 Mumford Rd – Pedestrian struck in crosswalk while crossing the street at the Mumford Rd bus terminal. Driver not identified, no SOT issued.
2014	7000 Mumford Rd – Pedestrian struck in crosswalk by bus exiting the Mumford Rd bus terminal onto Mumford Rd. SOT issued to driver.
2014	7000 Mumford Rd – Pedestrian struck in crosswalk by vehicle exiting Halifax Shopping Centre Annex. Not clear whether pedestrian or car had right of way, therefore no SOT issued.



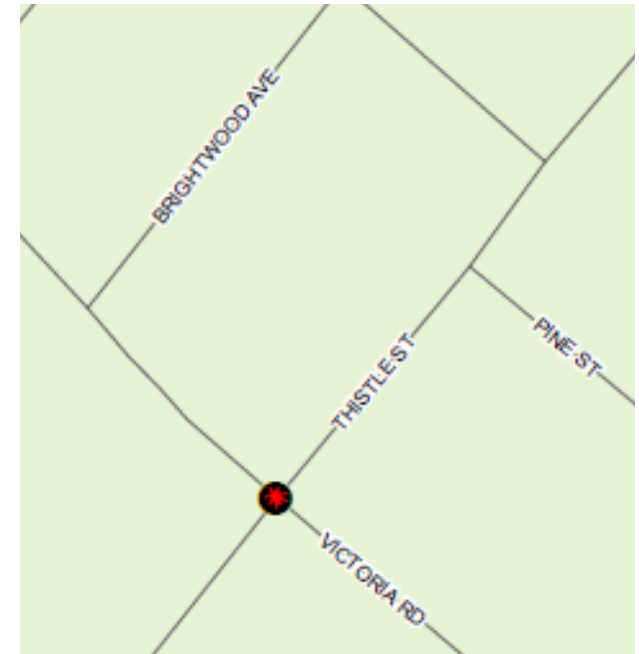
EAST DIVISION



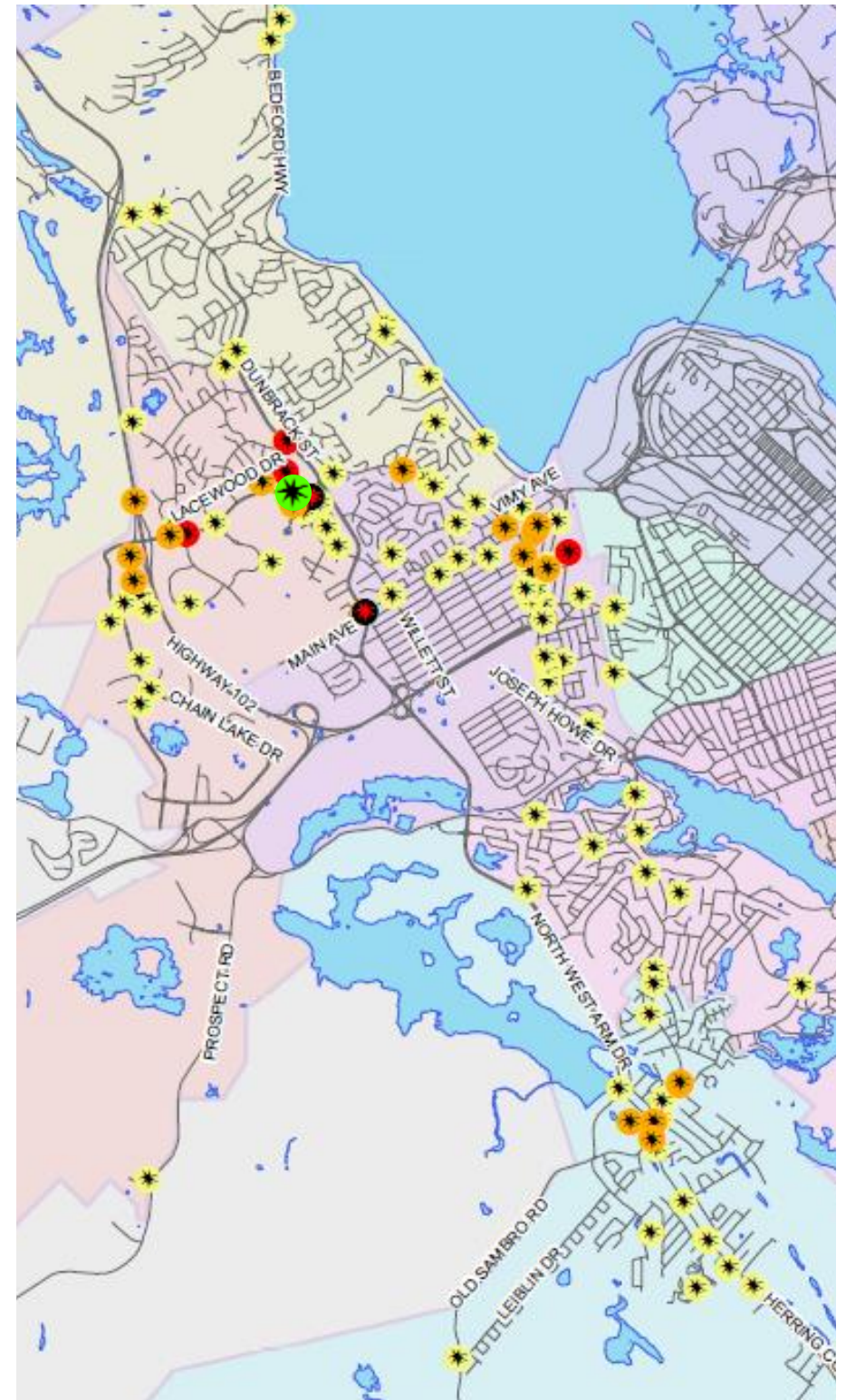
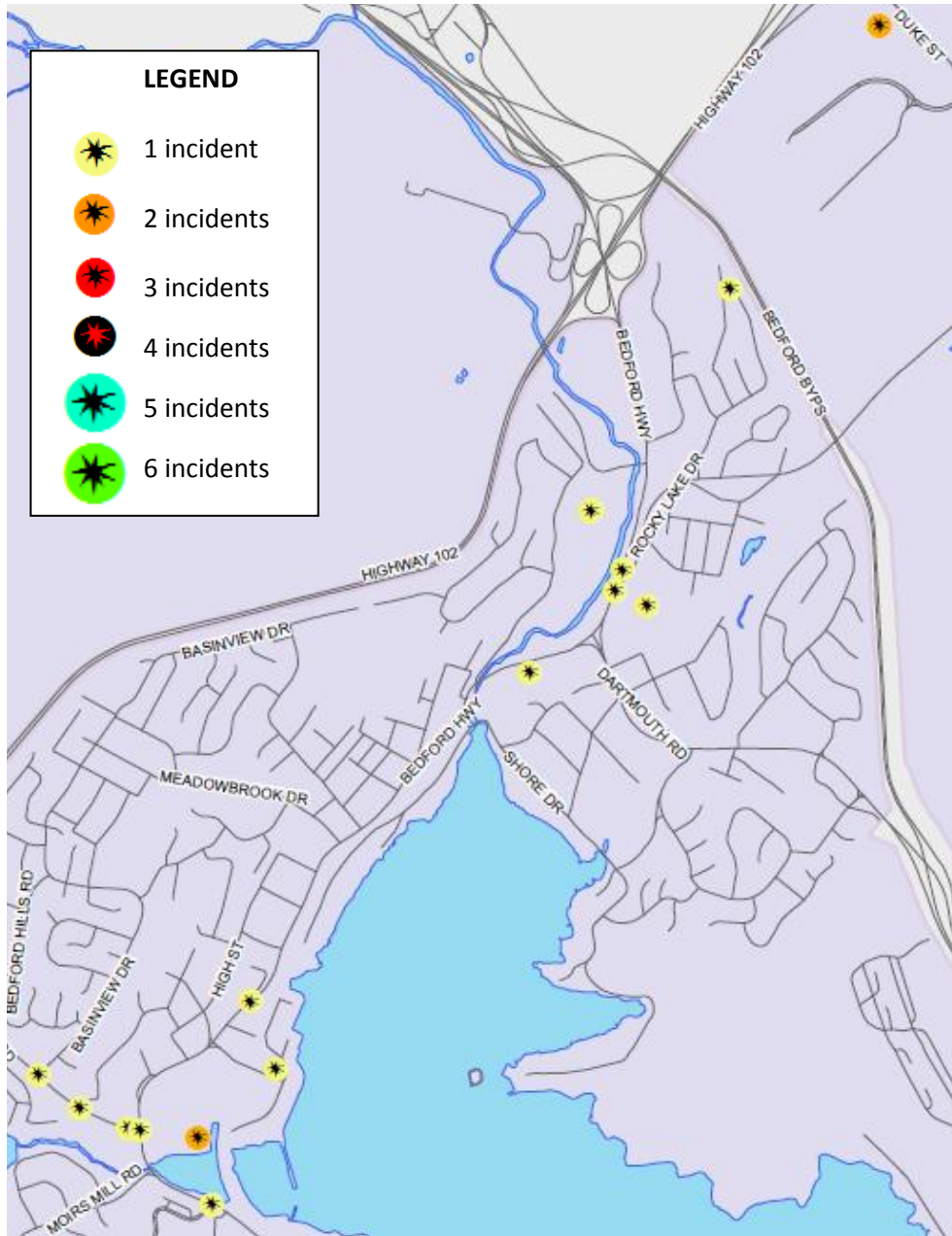
Victoria Road / Thistle Street Intersection

Four vehicle/pedestrian collisions were reported at the Victoria Road / Thistle Street intersection. All of these occurred when vehicles were turning left from Victoria Rd onto Thistle St.

Year	Circumstances
2012	Pedestrian struck in crosswalk by vehicle turning left from Victoria Rd onto Thistle St. SOT issued to driver.
2014	Pedestrian struck in crosswalk by vehicle turning left from Victoria Rd onto Thistle St. SOT issued to driver.
2014	Pedestrian in electric scooter struck in crosswalk by vehicle turning left from Victoria Rd onto Thistle St. Pedestrian was crossing on red light, no SOT issued to driver.
2014	Pedestrian struck in crosswalk by vehicle turning left from Victoria Rd onto Thistle St. Dark and rainy driving conditions. SOT issued to driver.



WEST DIVISION



Lacewood Drive / Willett Street Intersection

Six vehicle/pedestrian collisions were reported at the intersection of Lacewood Drive and Willett Street, four of which occurred when vehicles were making left hand turns onto Lacewood Drive from Willett St.

Year	Circumstances
2012	Pedestrian struck in crosswalk by vehicle making left hand turn from Willett St onto Lacewood Dr. Unable to identify driver, no SOT issued.
2014	Pedestrian struck in crosswalk by vehicle making left hand turn from Willett St onto Lacewood Dr. Driver not identified, no SOT issued.
2014	Pedestrian struck in crosswalk by vehicle making left hand turn from Willett St onto Lacewood Dr. SOT issued to driver.
2014	Pedestrian struck in crosswalk by vehicle making left hand turn from Willett St onto Lacewood Dr. SOT issued to driver.
2014	Pedestrian with stroller struck in crosswalk when crossing against traffic signal; vehicle had right of way. SOT issued to pedestrian.
2014	Pedestrian left sidewalk at intersection, crossing the entranceway of the Sobey's parking lot on a diagonal and was struck by vehicle exiting the parking lot. No SOT issued.

Clayton Park Shopping Areas

Seven collisions were reported in the vicinity of the Clayton Park shopping areas at 278 and 287 Lacewood Drive, five of which occurred at 278 Lacewood Drive.

Year	Circumstances
2012	278 Lacewood Dr - Inattentive pedestrian struck by vehicle reversing out of parking space. No SOT issued.
2013	278 Lacewood Dr - Pedestrian struck in parking lot outside of crosswalk zone. No SOT issued at pedestrian's request.
2013	278 Lacewood Dr - Driver reversed in parking lot striking 2 pedestrians. No SOT issued due to inconsistent versions of events.
2013	278 Lacewood Dr - Pedestrian struck in parking lot outside of crosswalk zone. No SOT issued due to inconsistent versions of events.
2014	278 Lacewood Dr - Pedestrian struck in parking lot outside of crosswalk zone. No SOT issued.
2013	287 Lacewood Dr - Driver reversed over pedestrian in parking lot. Sun blinded driver, pedestrian had stopped and bent over to light a cigarette. No SOT issued.
2014	287 Lacewood Dr - Pedestrian struck in Sobey's parking lot. No SOT issued.



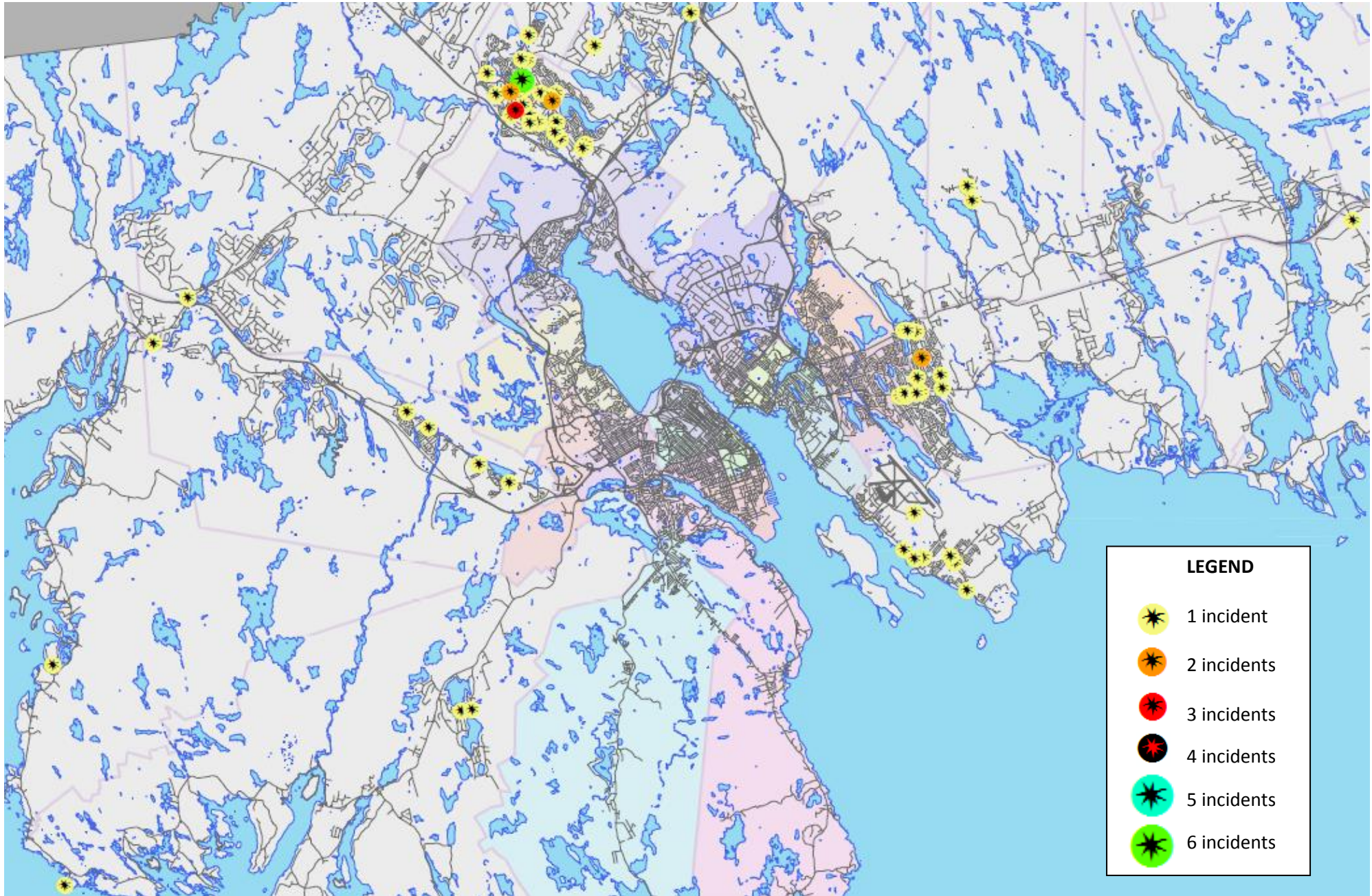
Dunbrack Street / Man Avenue Intersection

Five collisions were reported at the intersection of Dunbrack Street and Main Avenue.

Year	Circumstances
2012	Pedestrian struck by vehicle that had been stopped at red light and proceeded when light turned green while pedestrian still in crosswalk. No SOT issued.
2012	Skateboarder struck in crosswalk by vehicle turning right onto Dunbrack St from Main Ave. SOT issued to driver.
2013	Pedestrian struck in crosswalk by vehicle turning left onto Dunbrack St from Main Ave. Dark and rainy driving conditions. SOT issued to driver.
2013	Pedestrian struck in crosswalk by vehicle turning left onto Dunbrack St from Main Ave. SOT issued to driver.
2014	Pedestrian struck in crosswalk by vehicle making right hand turn at intersection. Driver not identified, SOT not identified.



RCMP DISTRICTS



Sackville

Beaver Bank Road / Glendale Drive Intersection

There were six reported vehicle/pedestrian collisions which involved vehicles making a left hand turn onto Beaver Bank Rd from Glendale Dr. Three of these collisions took place in 2012 and three occurred in 2014.

Year	Circumstances
2012	Pedestrian struck at intersection by vehicle turning left from Glendale Dr onto Beaver Bank Rd. No SOT issued due to inconsistencies in witness statements and configuration of intersection.
2012	Pedestrian struck at intersection by vehicle turning left from Glendale Dr onto Beaver Bank Rd. No SOT issued.
2012	Pedestrian struck at intersection by vehicle turning left from Glendale Dr onto Beaver Bank Rd. SOT issued to driver. Attending officer noted that although the weather was sunny, the crosswalk was heavily shaded by a tree, and the junction was crowded by a telephone pole, traffic light pole and telephone junction box which may have obscured the driver's view of the pedestrian.
2014	Pedestrian struck in crosswalk by vehicle making left hand turn from Glendale Dr onto Beaver Bank Rd. SOT issued to driver.
2014	Pedestrian struck in crosswalk by vehicle making left hand turn from Glendale Dr onto Beaver Bank Rd. SOT issued to driver.
2014	Pedestrian struck in crosswalk by vehicle making left hand turn from Glendale Dr onto Beaver Bank Rd. SOT issued to driver.

