

Road Safety Statistics & Initiatives

Mobility Committee September 25, 2025

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Fredericton

Introduction

- The role of a municipality in road safety
- Understanding the data
- How are we doing
- Past Road Safety Projects & Initiatives
- Upcoming Road Safety Projects & Initiatives
- Police road safety initiatives



The role of road safety in a municipality

- Manage a network and infrastructure that minimizes risk to users
- Maintain, analyze and understand transportation data
- Action road safety initiatives based on data and trends
- Comply with national standards for road infrastructure
- Provide targeted enforcement



How to Measure Collisions

Collision Frequency

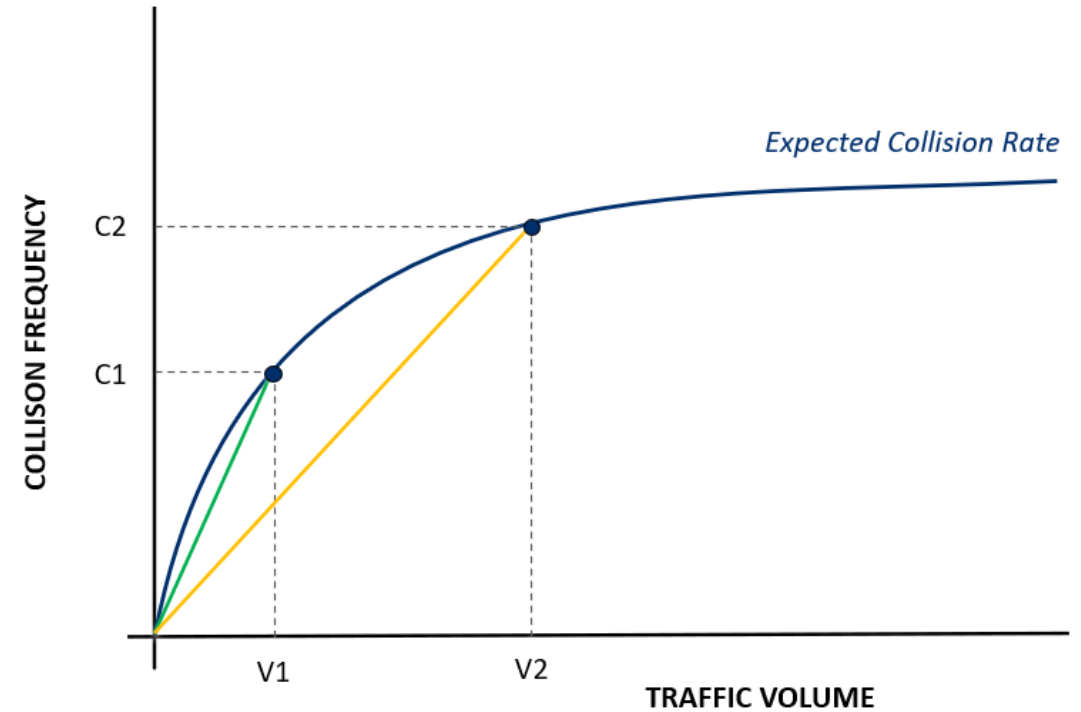
- Number of collisions per year
- Simple, data available but doesn't account for exposure

Collision Rate

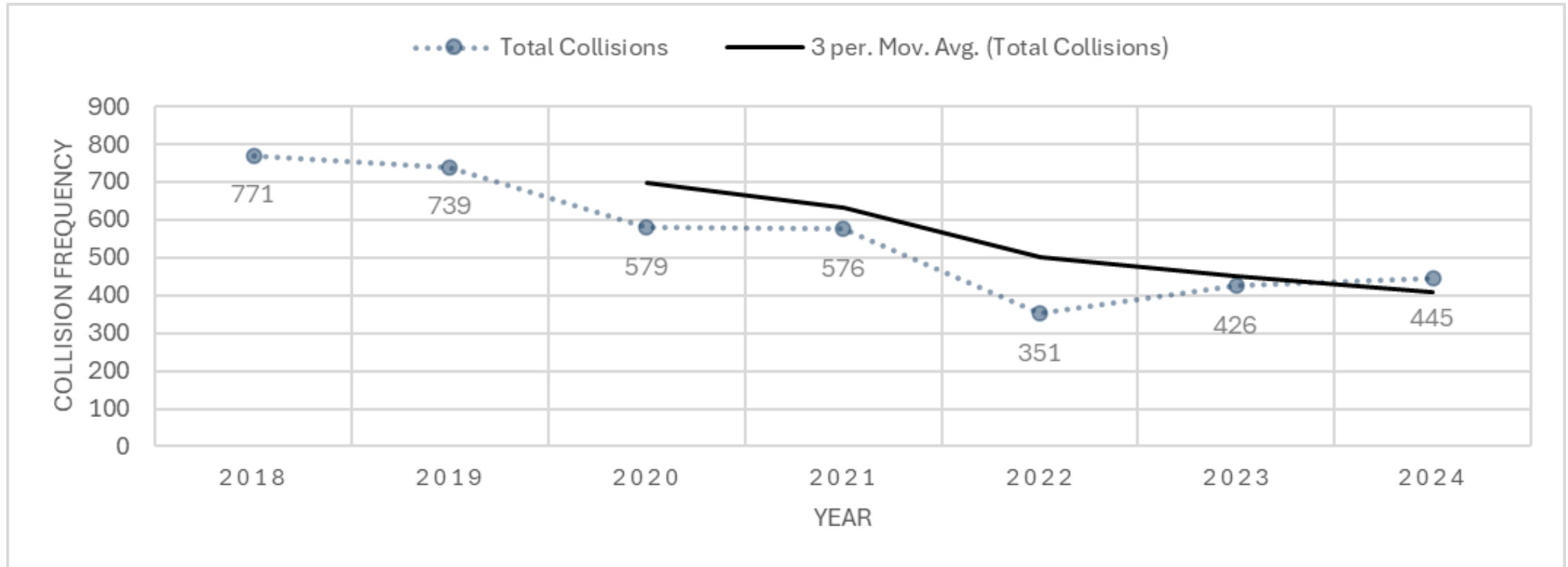
- Number of collisions per volume per year
- Accounts for exposure

Safety Performance Functions (SPF)

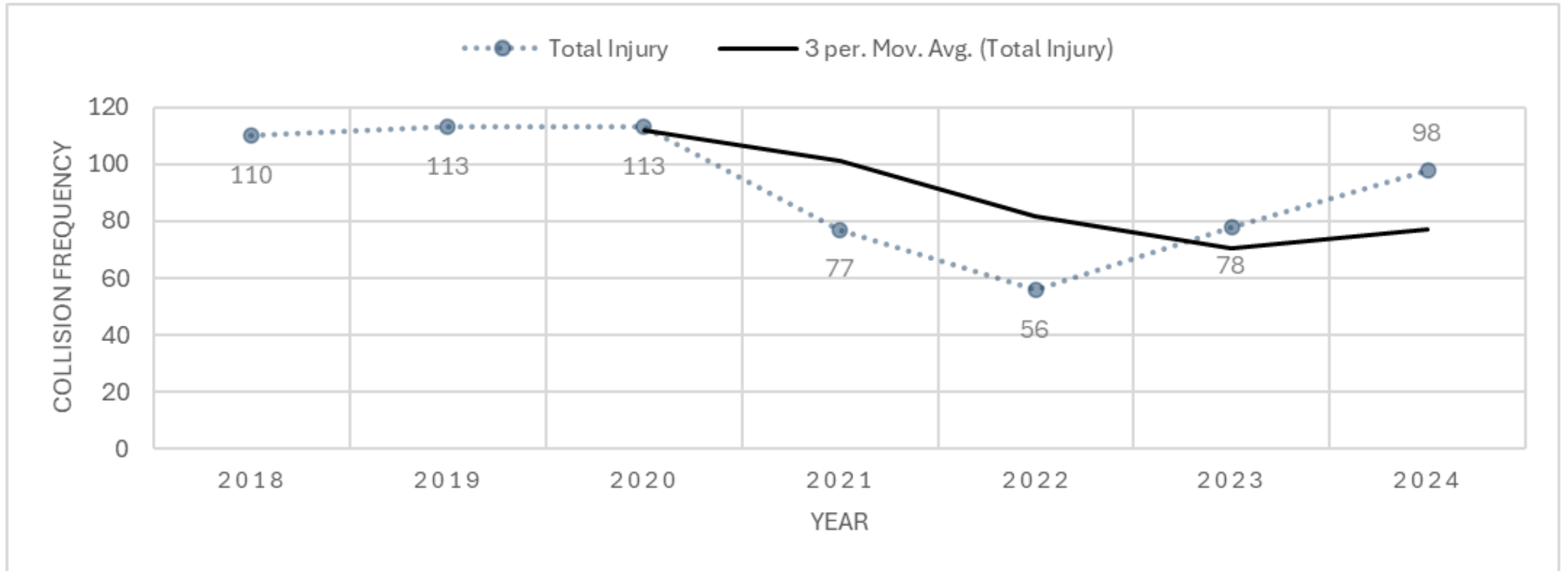
- Used to predict the number of collisions expected at a certain type of site



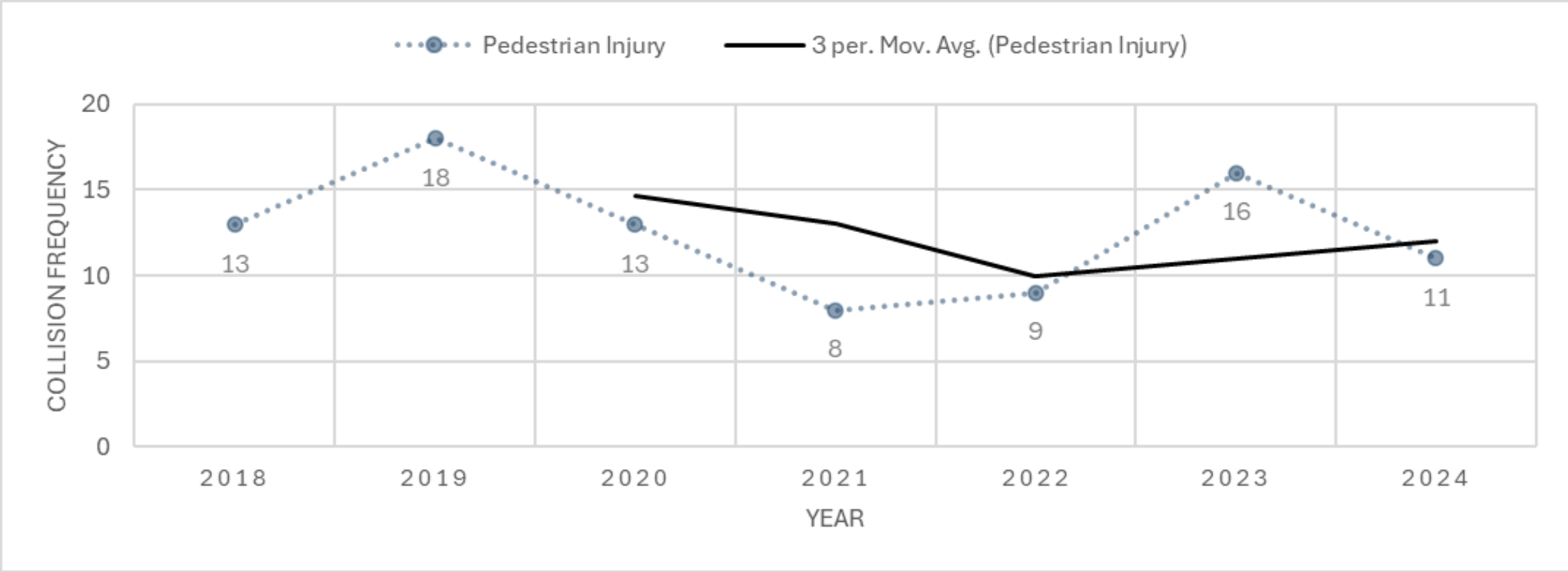
Total Collisions



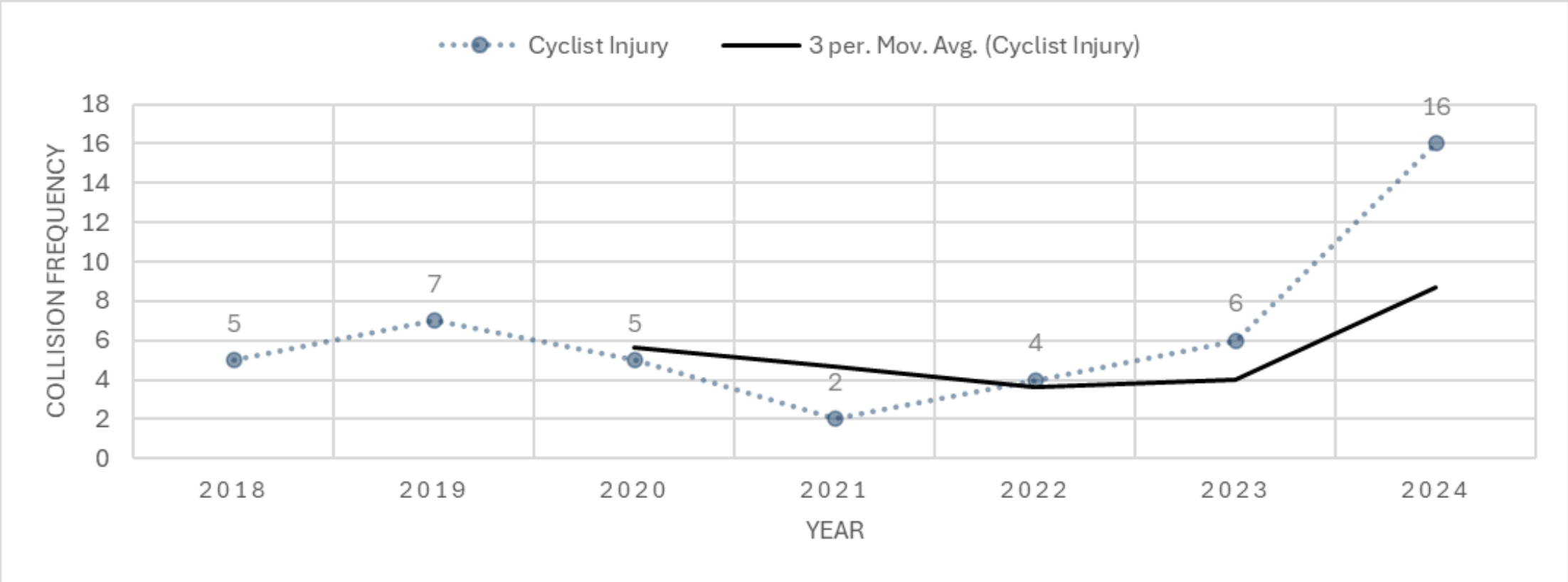
Total Injury Collisions



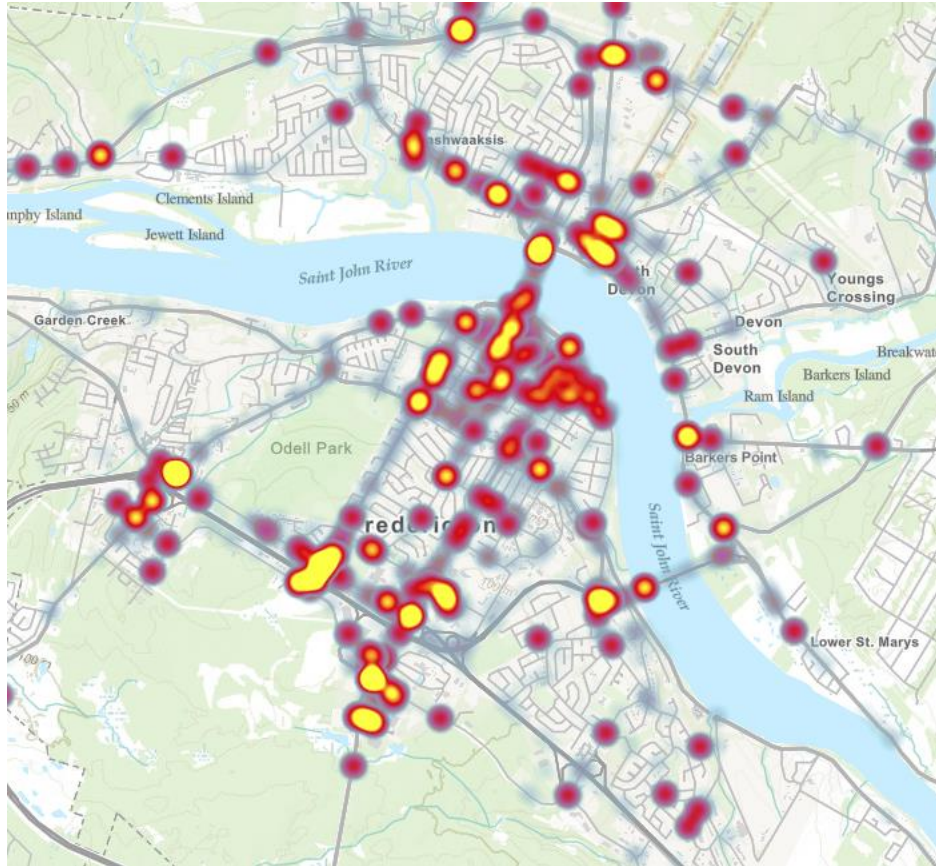
Pedestrian Injury Collisions



Cyclist Injury Collisions



Top Injury Locations – Intersections



TOTAL INJURY COLLISIONS 2020-2024		
INTERSECTION	5-YR TOTAL	AVE/YR
Ring Rd / Brookside*	11	2.2
Regent / Arnold	10	2.0
Southbound Ramps	9	1.8
Hanwell / Prospect	8	1.6
Cliffe / Union	7	1.4
Waterloo, Beaverbrook, Forest Hill	7	1.4
King / Church	6	1.2
Ring Rd / Maple	5	1.0
Brunswick / Regent*	5	1.0

Top Pedestrian Injury Locations – Intersections



PEDESTRIAN INJURY COLLISIONS 2020-2024		
INTERSECTION	5-YR TOTAL	AVE/YR
Brunswick / Regent	4	0.8
Regent / George	2	0.4
St. Marys / Union	2	0.4
Smythe / Victoria	2	0.4



Top Cyclist Injury Locations – Intersections



CYCLIST INJURY COLLISIONS 2020-2024		
INTERSECTION	5-YR TOTAL	AVE/YR
Ring Rd / Brookside	2	0.4
Brookside at mall entrance	2	0.4

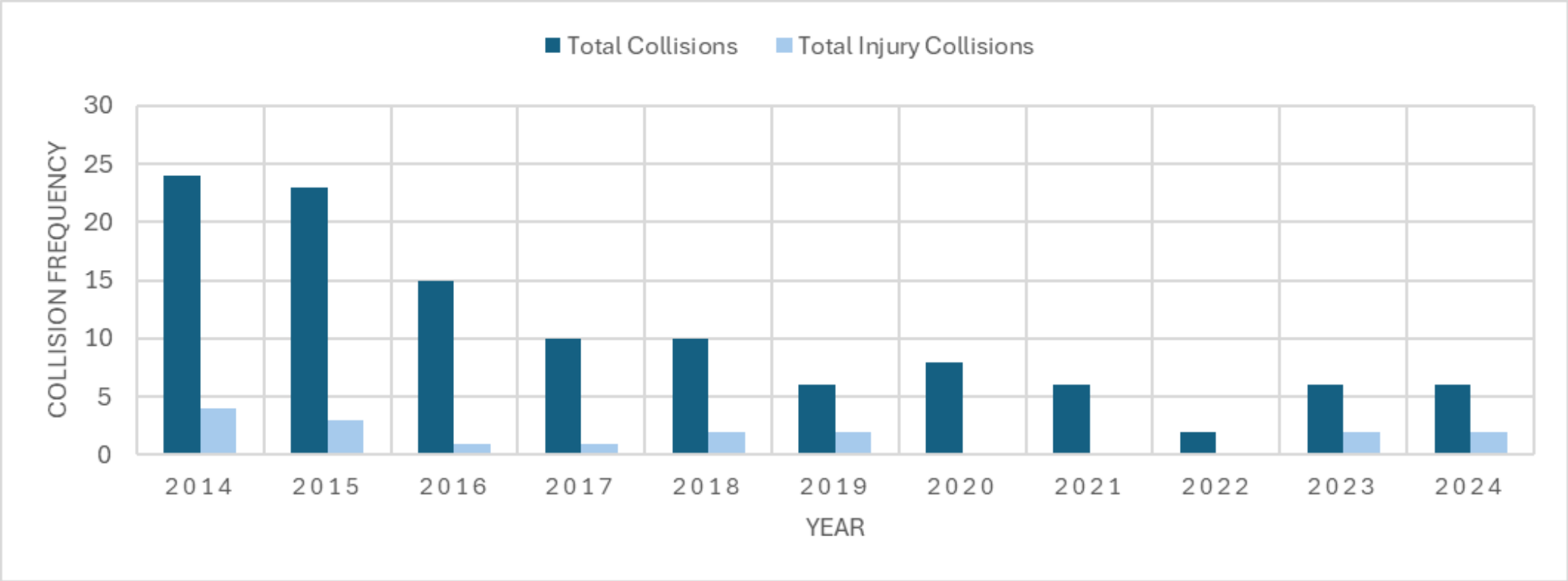


Past Major Road Safety Projects

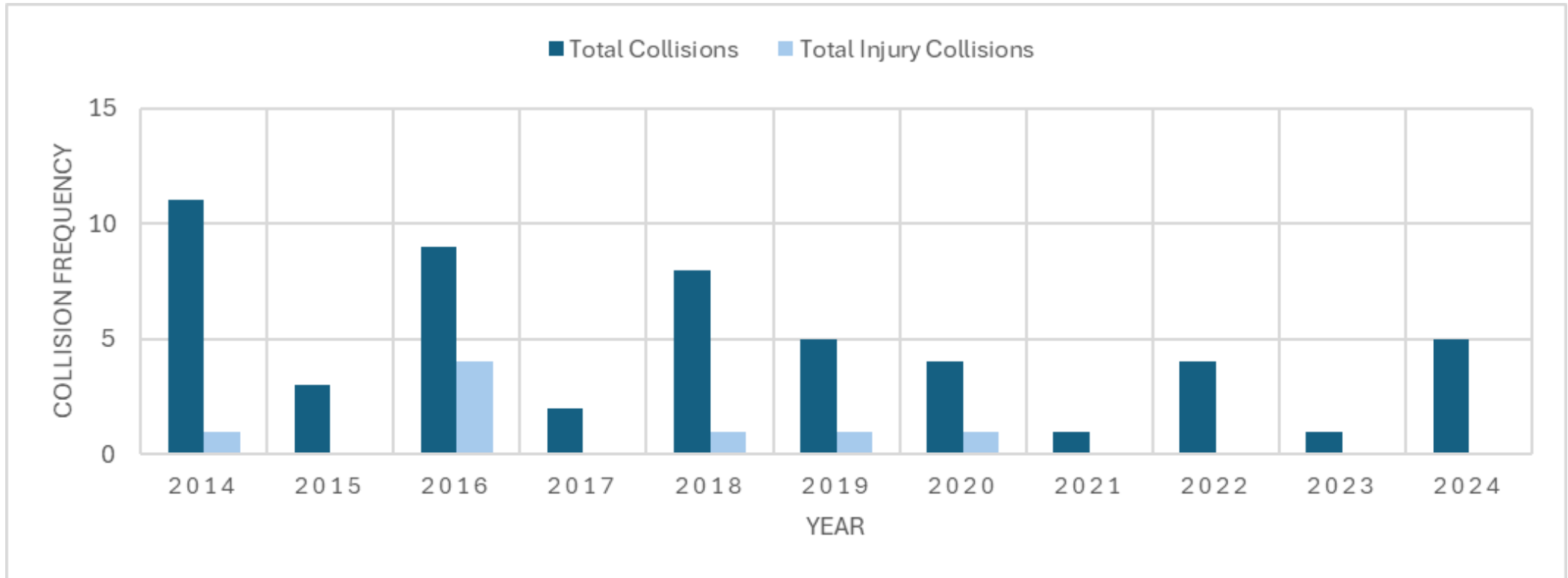
- Smythe Roundabout (2015)
- **Regent at Prospect Street – Intersection Upgrades & double lefts (2016)**
- Two Nations Roundabout & Restricted Left Turn at Maple (2018)
- **Victoria Circle (2019)**
- **Westmorland at Brunswick Street – LPI and curb bump out (2020)**
- Ring Rd Roundabout (2022)
- Killarney Roundabout (2024)
- Curb Bump-outs through-out the City (on going)
- Pedestrian refuge islands at trail crossings (on going)



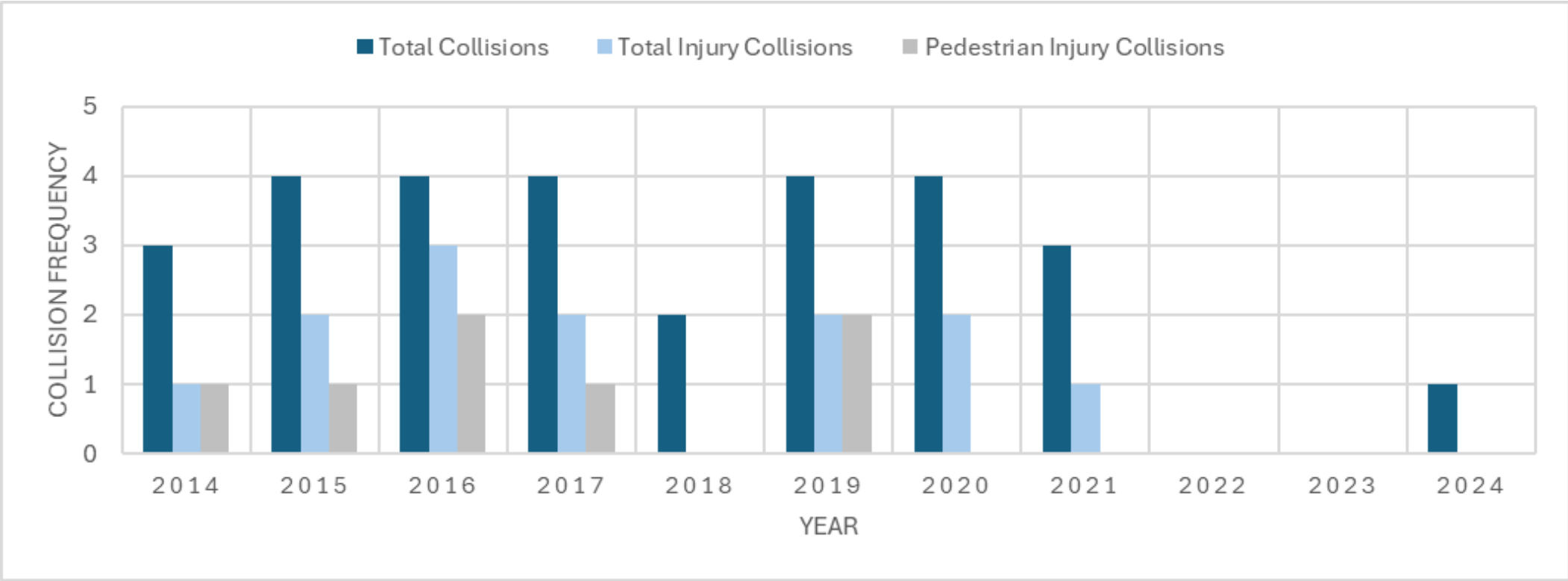
Regent at Prospect Intersection Upgrades (2016)



Victoria Circle (2019)



Brunswick St at Westmorland (2020)



2025 Projects

- Crossing Upgrades
 - RA-5 Crosswalks
 - RRFB Crosswalks
 - Brookside Mall
- Raised Crosswalks - Northumberland
- Intersection improvements
 - King at Church Intersection Alignment
 - Route 8/ Route 10 – Left Turn phase added
- Roundabouts
 - Patience/ Prospect Roundabout



2025 Traffic Enforcement Initiatives

- School Zone Enforcement
- Speeding Enforcement
- Cell Phone Enforcement
- Impaired Driving Blitzes





Fredericton Police Statistics

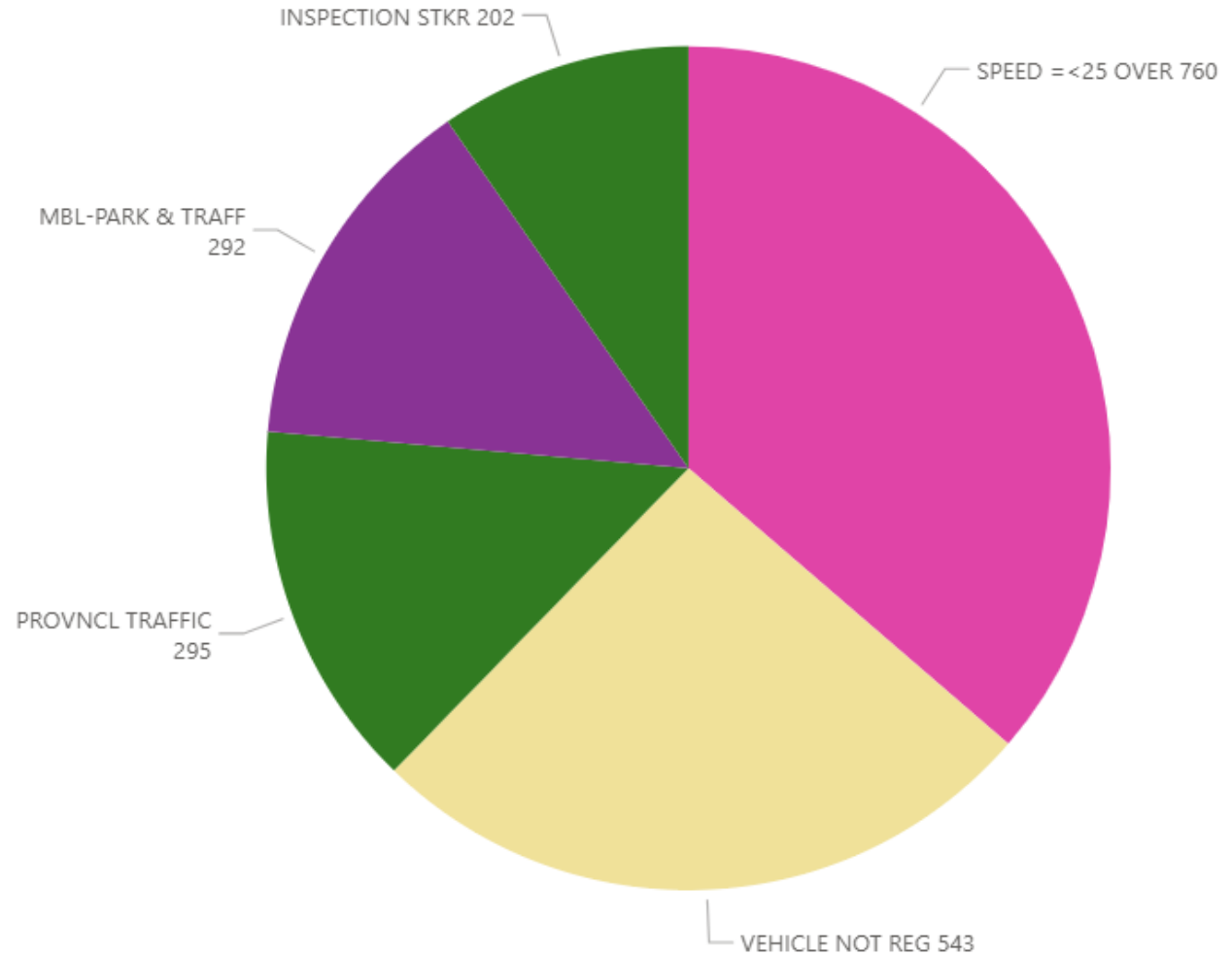
Year, Quarter

- Select all
- ∨ 2018
- ∨ 2019
- ∨ 2020
- ∨ 2021
- ∧ 2022
 - 1
 - 2
 - 3
 - 4
- ∧ 2023
 - 1
 - 2
 - 3
 - 4
- ∨ 2024
- ∨ 2025

Top 10 Ticketed Offenses

translation	2025
SPEED = <25 OVER	760
VEHICLE NOT REG	543
PROVNCL TRAFFIC	295
MBL-PARK & TRAFF	292
INSPECTION STKR	202
NO INSURANCE	188
CITY BYLAW	96
RED LIGHT	76
SPEED > 25 OVER	71
NO VALID LICENCE	67
Total	2590

Top 5 Ticketed Offenses



Issuance of Noise Tickets

Year	Noise	MV Noise
2025	8	
Total	8	

Questions?



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