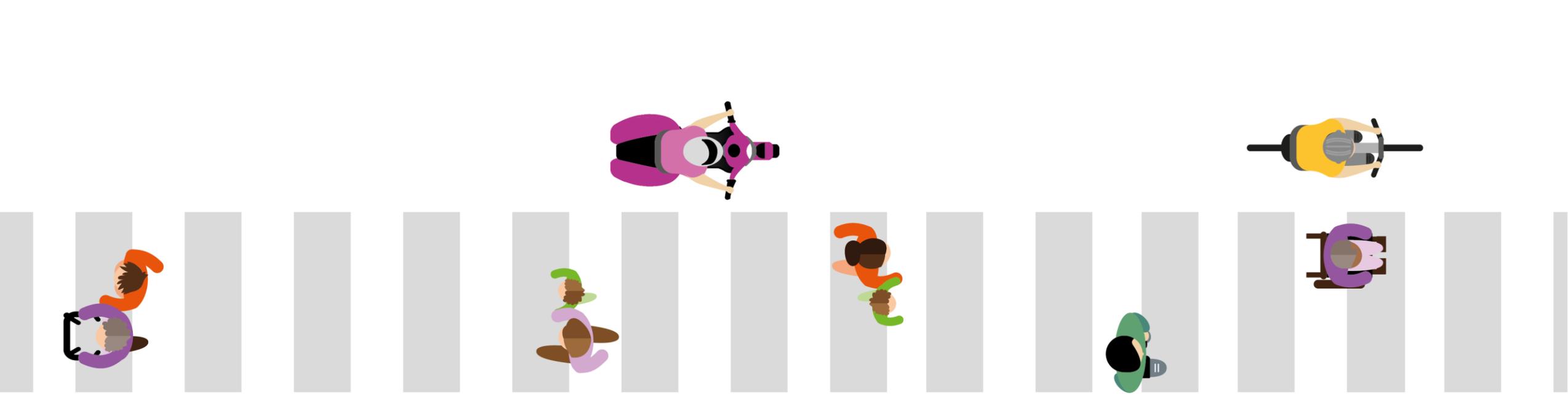


VISIONZERO



Toronto's Vision Zero Road Safety Plan

Jaye Robinson, Toronto City Councillor and Chair of Public Works & Infrastructure

June 15, 2017

OVERVIEW OF THE VISION ZERO ROAD SAFETY PLAN

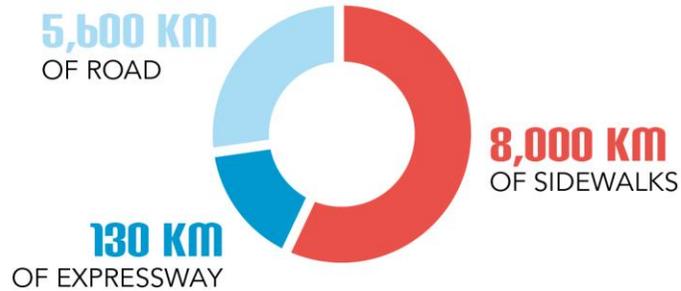
QUICK STREET FACTS

 **2.8 MILLION**
PEOPLE CALL TORONTO HOME

 **3 MILLION**
PEOPLE MOVE ABOUT
TORONTO EVERYDAY

 **1.6 MILLION**
PEOPLE WORK IN TORONTO

 **9,500**
STREETS



 **900 KM**
CYCLE NETWORK

 **26,300**
INTERSECTIONS

 **2,300**
TRAFFIC SIGNALS

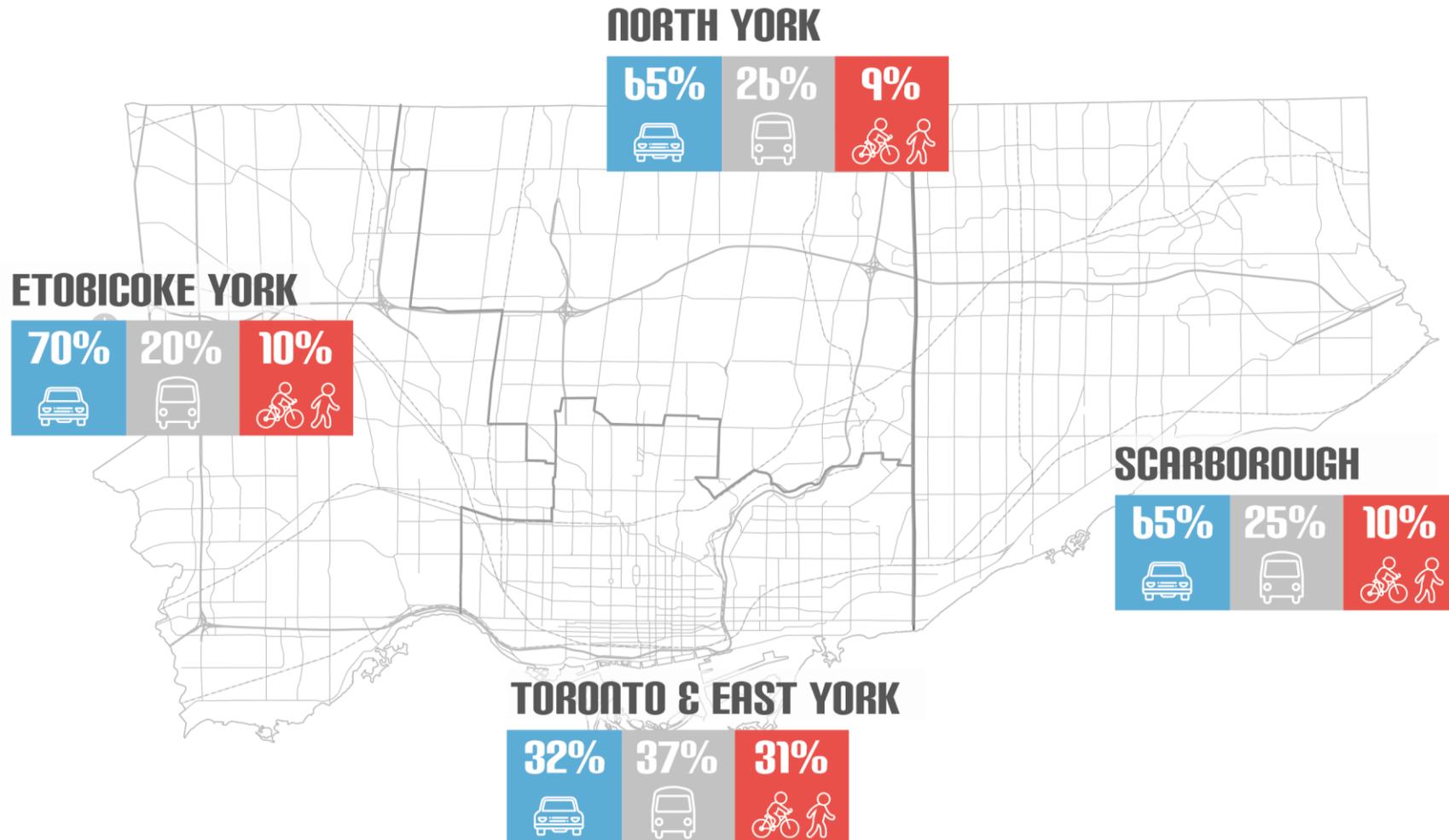
 **480**
PEDESTRIAN CROSSOVERS

 **970**
BRIDGES AND CULVERTS

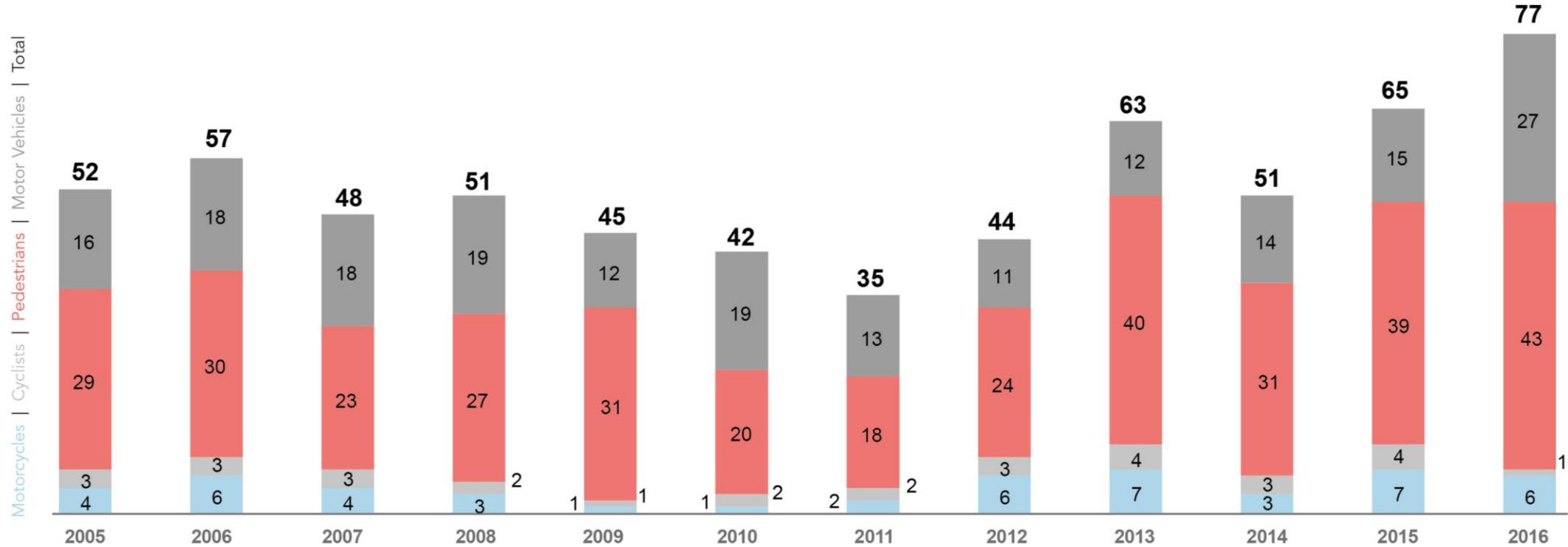
 **1 MILLION**
TRAFFIC SIGNS



HOW DO TORONTONIANS GET AROUND OUR STREETS?



TOTAL TRAFFIC FATALITIES IN TORONTO, JAN. 1, 2005 – DEC. 31, 2016



2005 - 2012

TRAFFIC FATALITIES AVERAGED
47 PERSONS KILLED PER YEAR

2013 - 2016

TRAFFIC FATALITIES AVERAGED
64 PERSONS KILLED PER YEAR

VISION ZERO ROAD SAFETY PLAN

- A five-year (2017-2021) \$80M plan to eliminate traffic-related deaths and serious injuries on Toronto's roads
- 50+ countermeasures associated with 6 emphasis areas
- Unanimously approved by Toronto City Council, July 2016
- Extensive stakeholder and community engagement

COLLABORATIVE EFFORT

Road Safety Plan was developed as a collaborative effort involving a working group comprised of:



TORONTO OFFICIALLY ADOPTS VISION ZERO



January 10, 2017

Mayor John Tory, Police Chief Mark Saunders, Public Works Chair and City Councillor Jaye Robinson, Transportation Services General Manager Barbara Gray and city staff stand united in official launch of Toronto Vision Zero Road Safety Plan.

**“No loss of life is acceptable....
Vision Zero is the key to ensuring a sustainable City.”**



OUR VISION

**ELIMINATING TRAFFIC-RELATED DEATHS AND
SERIOUS INJURIES ON TORONTO'S ROADS**

HOW WILL WE ACHIEVE VISION ZERO?



Engineering
Safety Measures



Education
Safety Measures

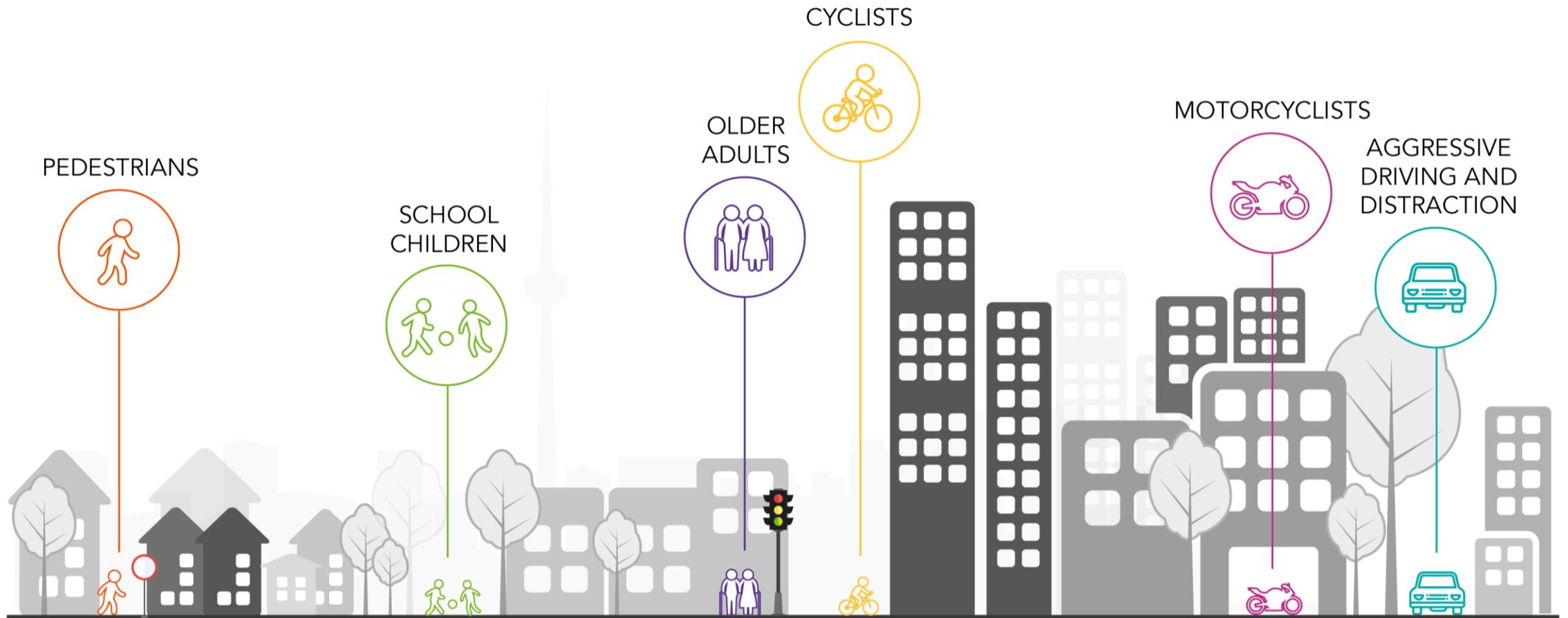


Technological
Safety Measures



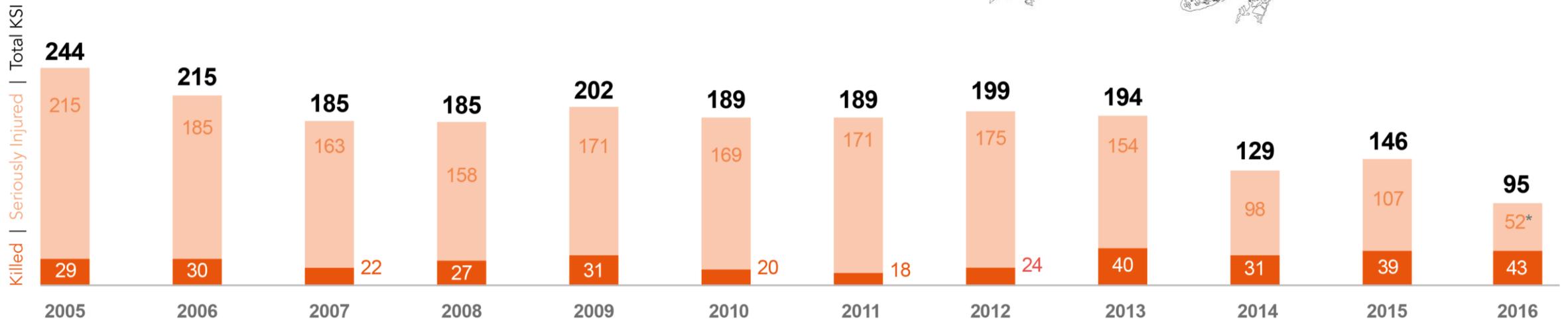
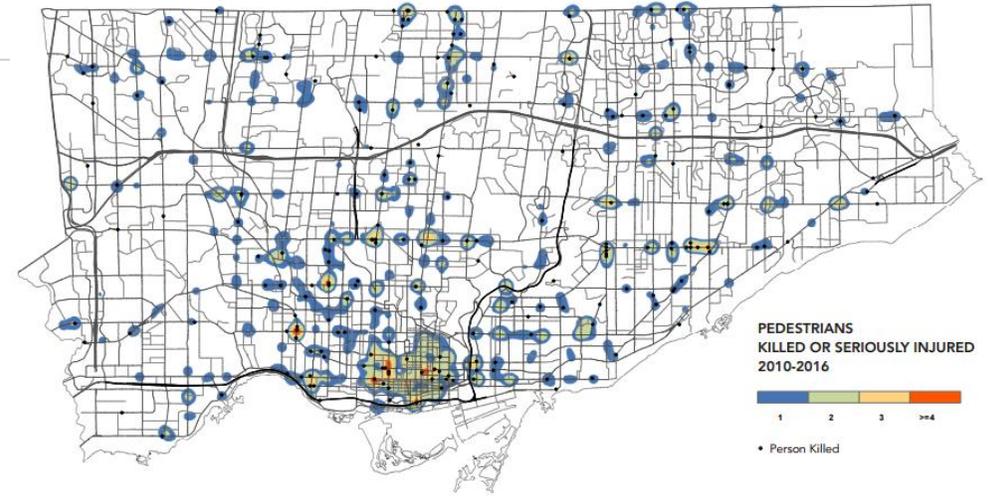
Enforcement
Activities

WHAT ARE OUR EMPHASIS AREAS?



IMPROVEMENTS SO FAR

EMPHASIS AREA 1: PEDESTRIANS



Pedestrians Killed in Toronto, January 1, 2005 - December 23, 2016

*Pedestrians Seriously Injured in Toronto, January 1, 2005 - June 1, 2016

PEDESTRIANS: **ENGINEERING FEATURES**



Geometric Safety Improvements

16 projects planned for construction in 2017.

Key features include curb radii reductions, curb extensions (bump-outs), right turn channel removals and sidewalk widening.



Accessible Pedestrian Signals

7 installed in 2017 to date.

21 APS to be installed by June 2017.

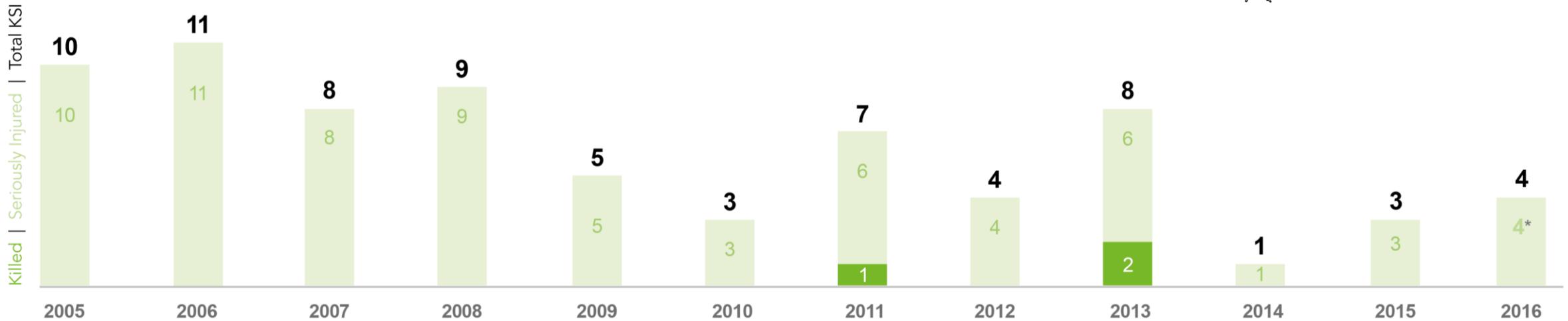
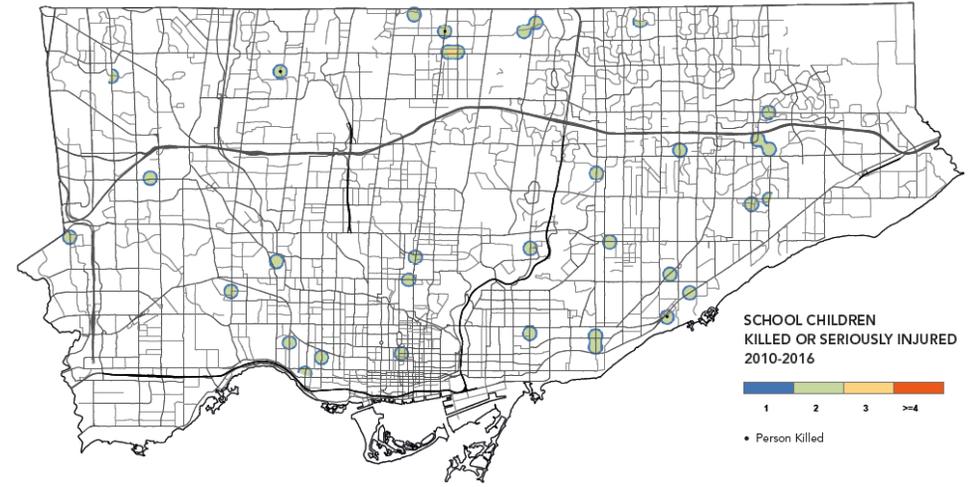


Missing Links Sidewalks

21 locations planned for construction in 2017.

14,502 metres of sidewalk to be installed.

EMPHASIS AREA 2: SCHOOL CHILDREN



School Children Killed in Toronto, January 1, 2005 - December 23, 2016

*School Children Seriously Injured in Toronto, January 1, 2005 - June 1, 2016

SCHOOL CHILDREN: SCHOOL SAFETY ZONE: **ENGINEERING FEATURES**



New Rapid Flashing Beacons at Crosswalks



Watch Your Speed Driver Feedback Signs



Designation as Community Safety Zones



Speed Reductions



School Stencil Pavement Markings

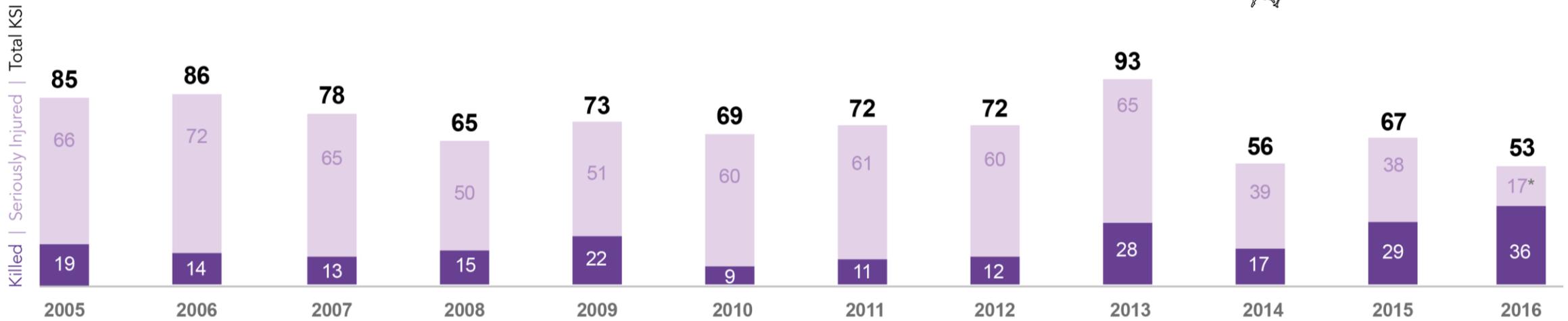
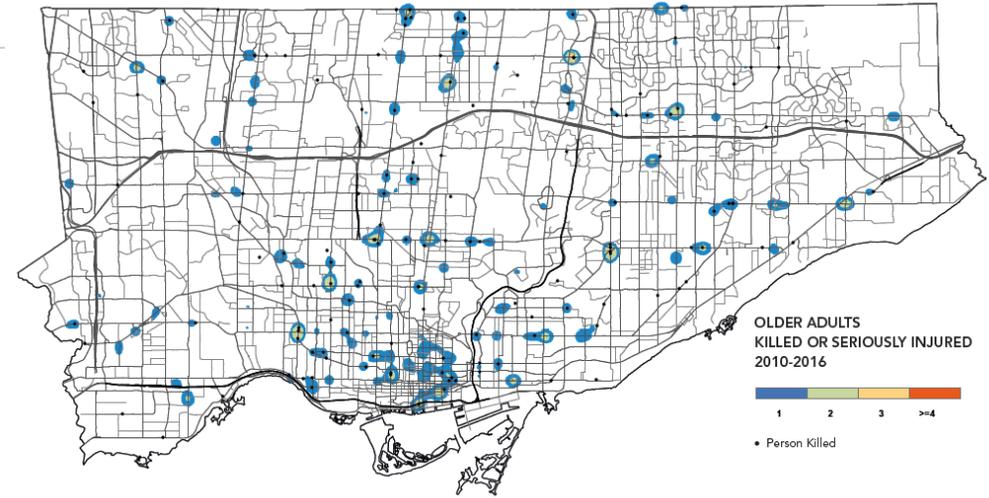


Enhanced Pedestrian Crosswalk Markings



Increased Pedestrian Walk Times and Advanced Green for Pedestrians

EMPHASIS AREA 3: OLDER ADULTS



Older Adults Killed in Toronto, January 1, 2005 - December 23, 2016

*Older Adults Seriously Injured in Toronto, January 1, 2005 - June 1, 2016

OLDER ADULTS: SENIOR SAFETY ZONE : ENGINEERING FEATURES



New Seniors Safety Zone
"Drive Slowly" Signs at Entry Points



Watch Your Speed
Driver Feedback Signs



Designation as Community
Safety Zones



Speed Reductions



Enhanced Pedestrian
Crosswalk Markings



Signal Retiming
for Lower Speeds

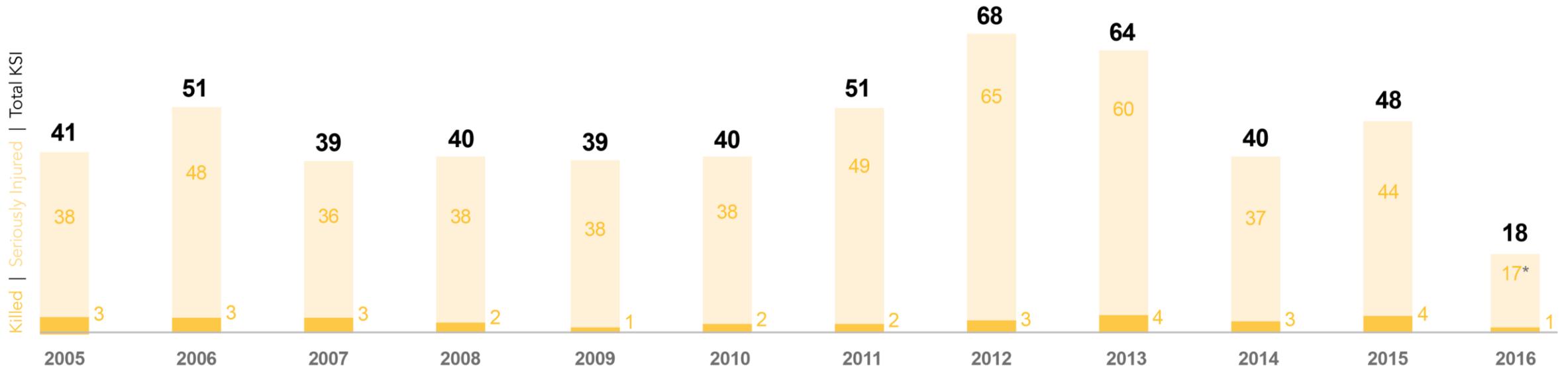
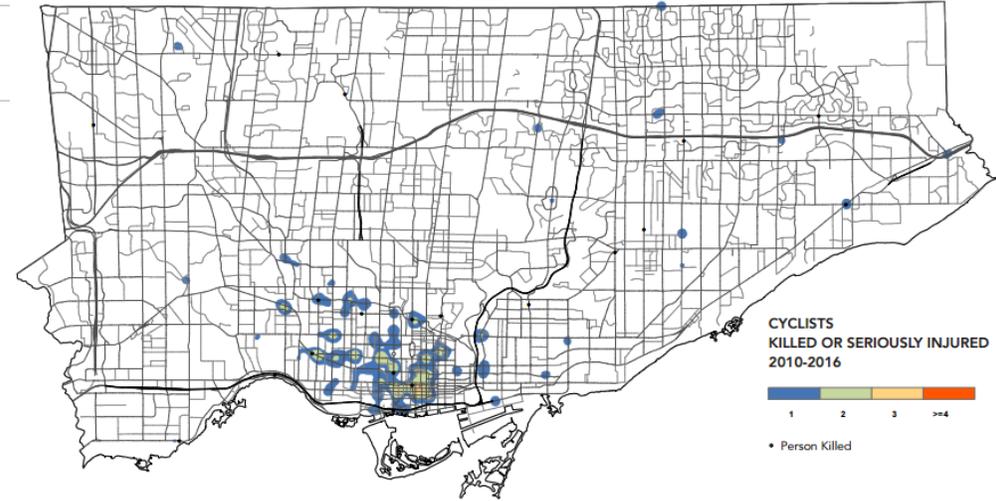


Increased Pedestrian Walk
Times and Advanced Green for
Pedestrians



Consideration for
No Right Turn on Red

EMPHASIS AREA 4: CYCLISTS



Cyclists Killed in Toronto, January 1, 2005 - December 23, 2016

*Cyclists Seriously Injured in Toronto, January 1, 2005 - June 1, 2016

CYCLISTS



New Bloor Street Bike Lane

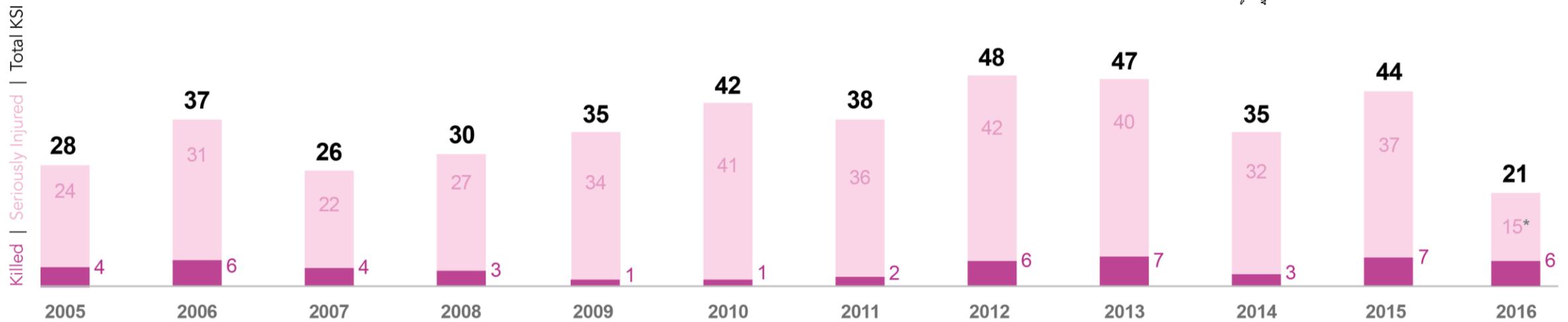
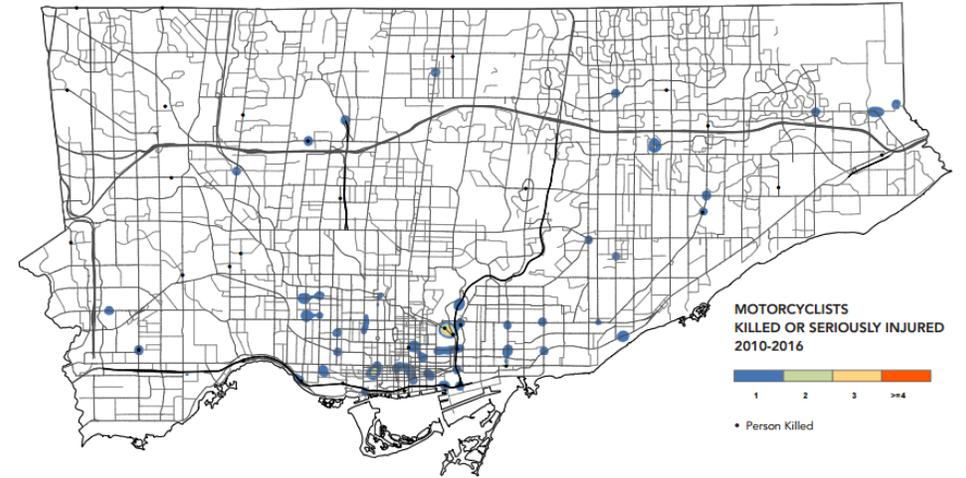
The following infrastructure projects are planned for implementation in 2017:

- Dowling Ave/Beaty Cycling Route (Twin Route Sharrows)
- Woodbine Ave Bike Lanes – Phase 1
- Denison/Bellevue Contraflow Bike Lanes
- Renforth Rd Bike Lanes
- Etobicoke North Multi-use Trail
- Lake Shore Blvd Cycle Track

Additional safety improvements include:

- Enhanced pavement markings
- Bollards and signs
- Cyclist signals and advance greens for cyclists
- “Green” bike boxes at intersections

EMPHASIS AREA 5: MOTORCYCLISTS



Motorcyclists Killed in Toronto, January 1, 2005 - December 23, 2016

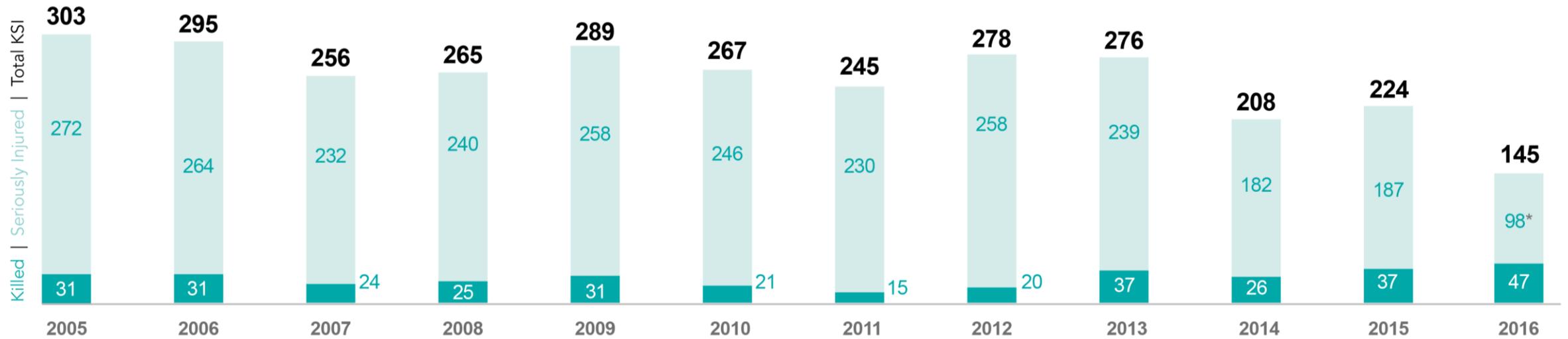
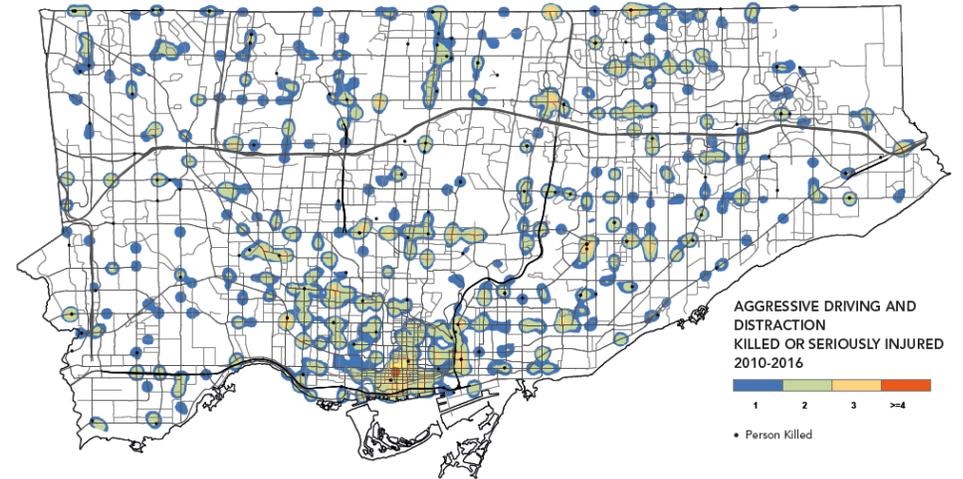
*Motorcyclists Seriously Injured in Toronto, January 1, 2005 - June 1, 2016

MOTORCYCLISTS



- 5 new motorcycle warning tab signs have been installed near Sheppard Ave and Twyn Rivers.
- Participated at the Motorcycle Show Toronto on February 17 – 19

EMPHASIS AREA 6: AGGRESSIVE DRIVING AND DISTRACTION



Aggressive Driving and Distraction Killed in Toronto, January 1, 2005 - December 23, 2016

*Aggressive Driving and Distraction Seriously Injured in Toronto, January 1, 2005 - June 1, 2016

AGGRESSIVE DRIVING AND DISTRACTION



Mobile Watch Your Speed
Driver Feedback Sign Strategy



Red Light Cameras



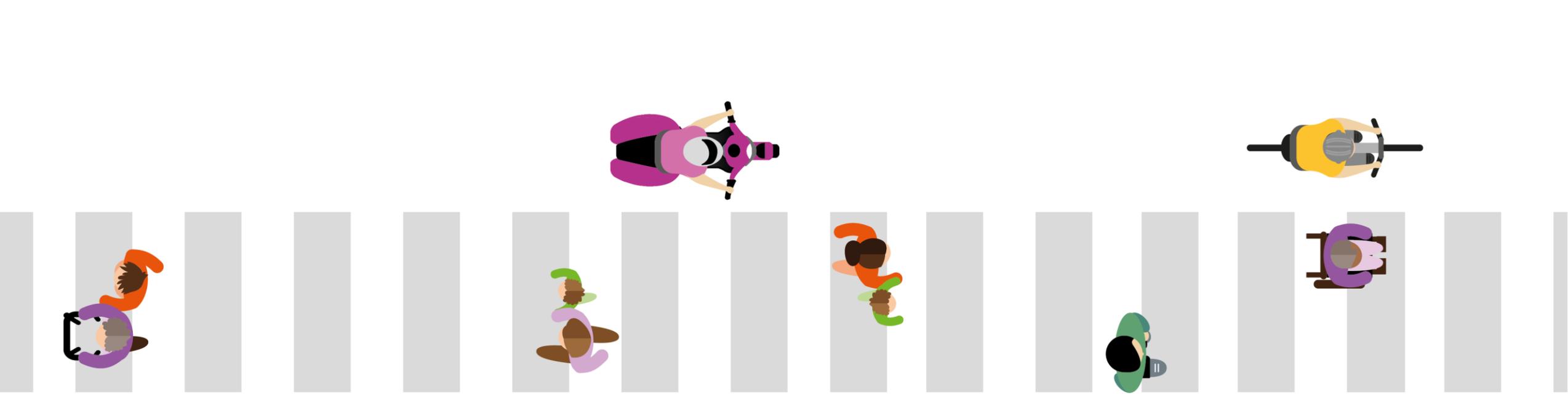
Data Driven Enforcement



Automated Speed Enforcement
(FUTURE)



New Distraction
Educational Campaign



Toronto's Vision Zero Road Safety Plan

Jaye Robinson, Toronto City Councillor and Chair of Public Works & Infrastructure

June 15, 2017