City of Milwaukee
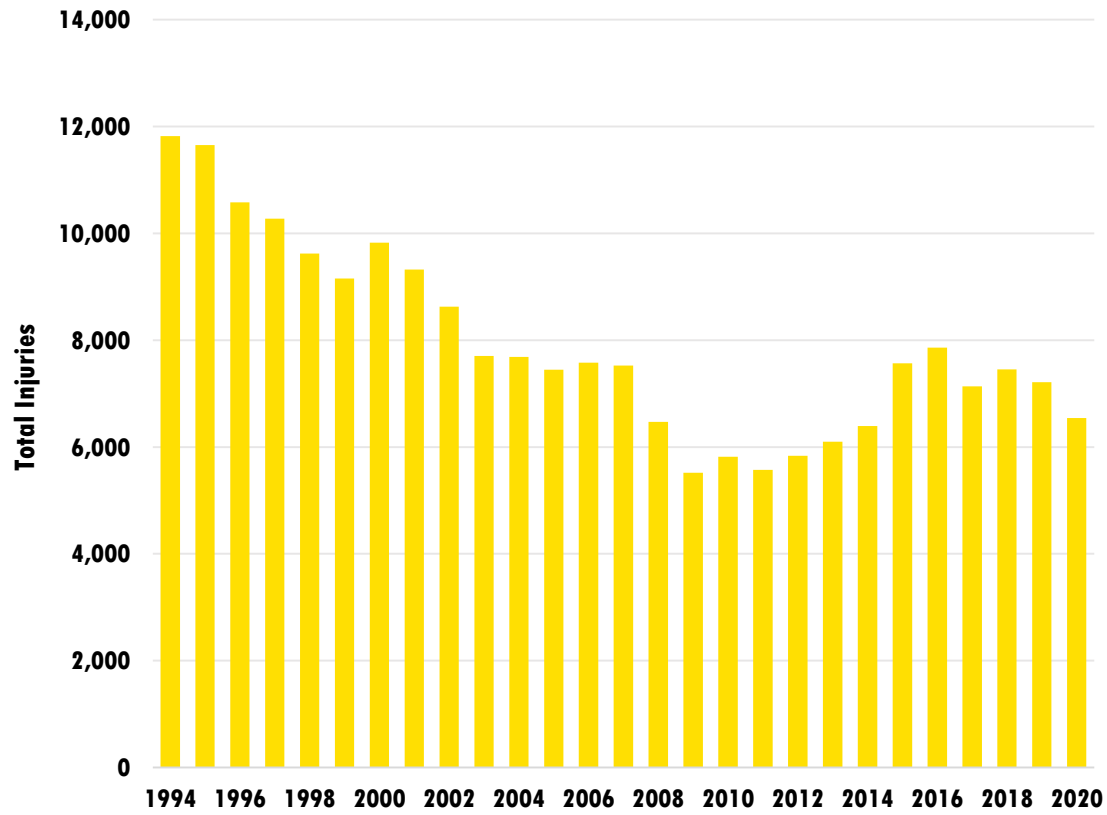# Crash Analysis Report

The City of Milwaukee is experiencing an epidemic of reckless driving and traffic violence that has negatively impacted safety, public health and quality of life.
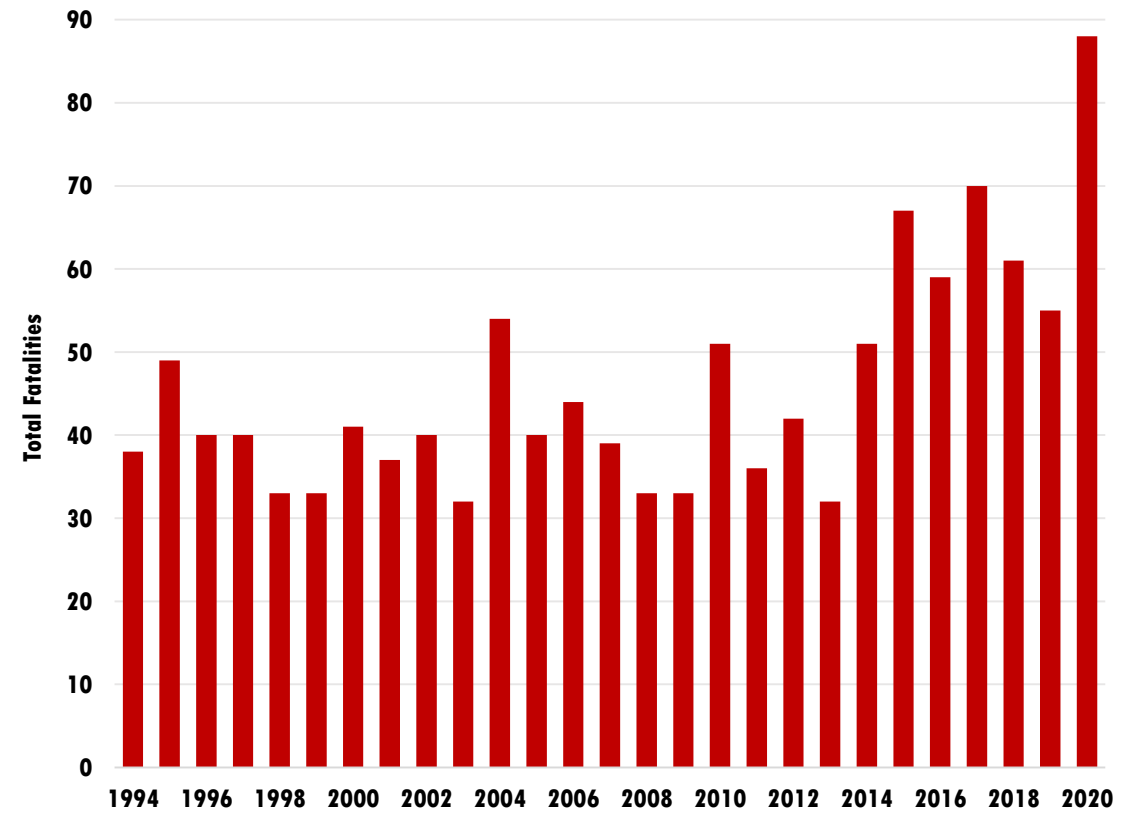
Key Takeaways

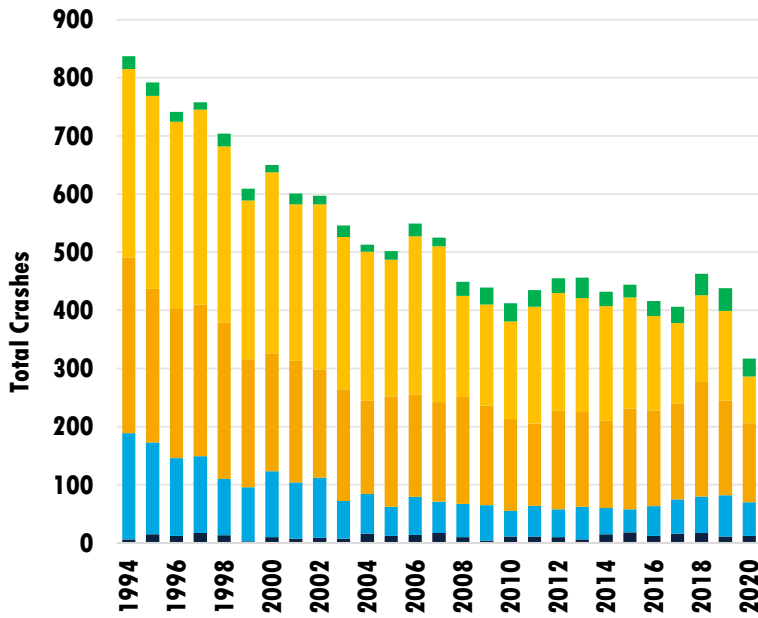# Injuries are going down. Fatalities are going up.
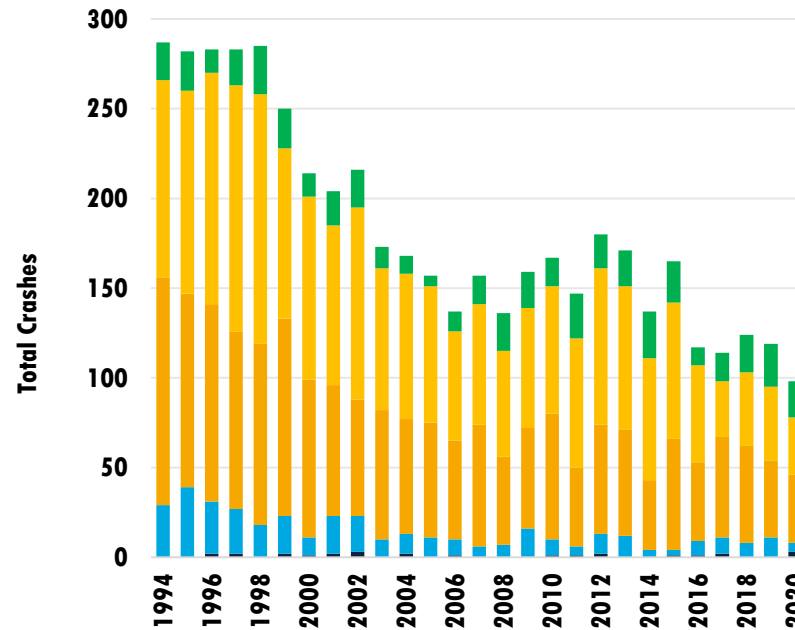

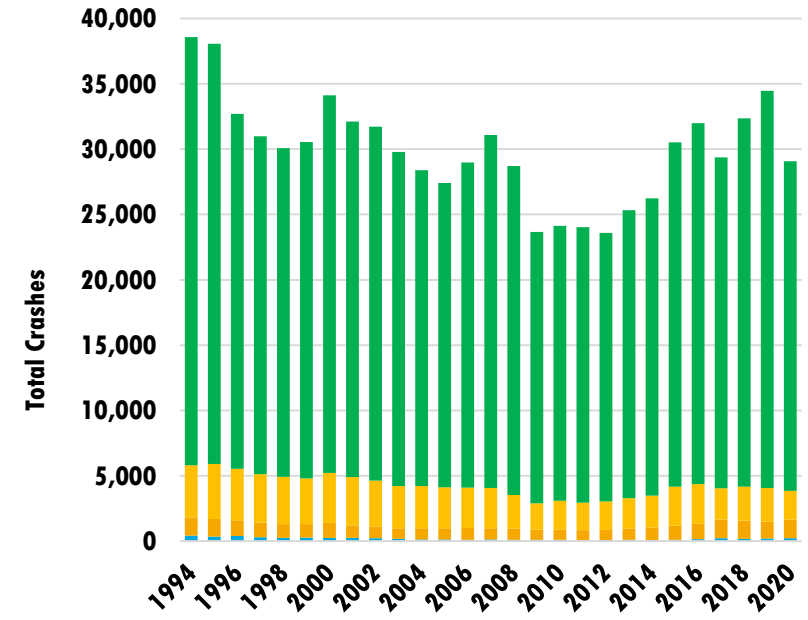Injuries from All Reported Crashes
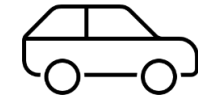
Fatalities from All Reported Crashes

Vulnerable street users are disproportionately likely to be killed or seriously injured

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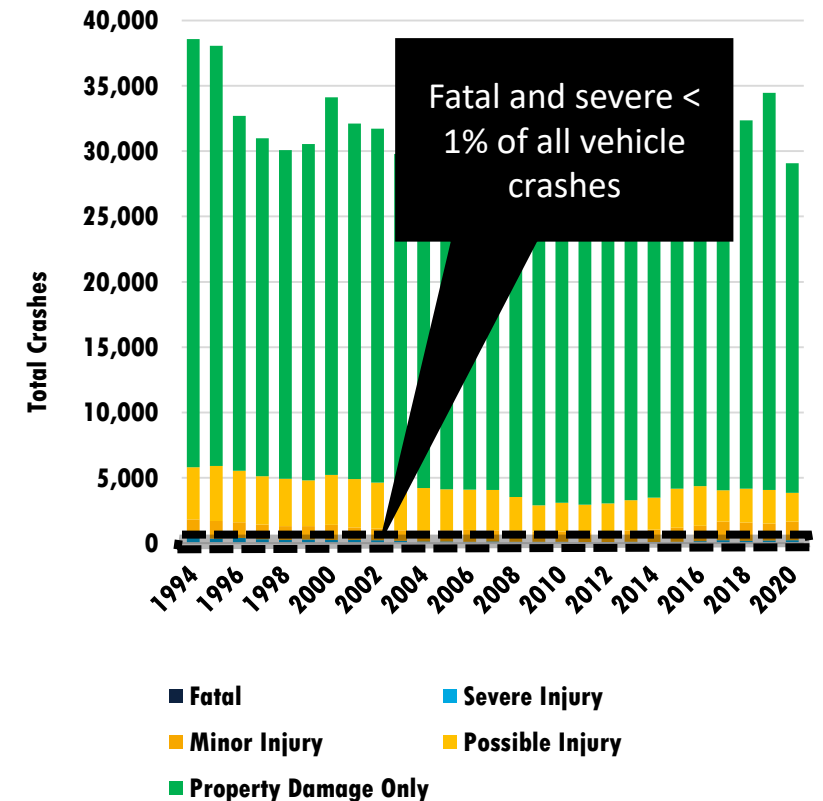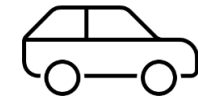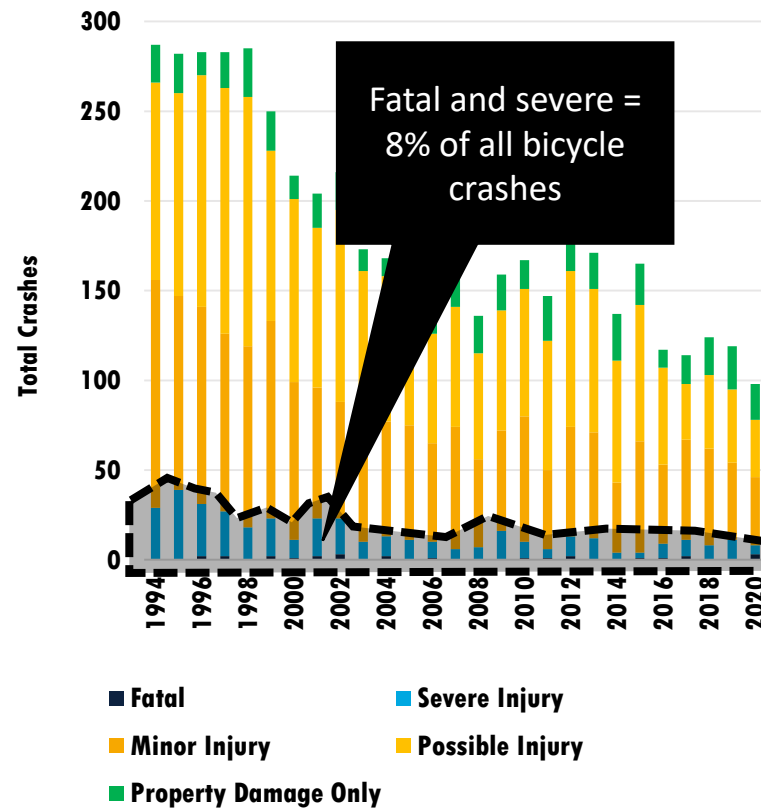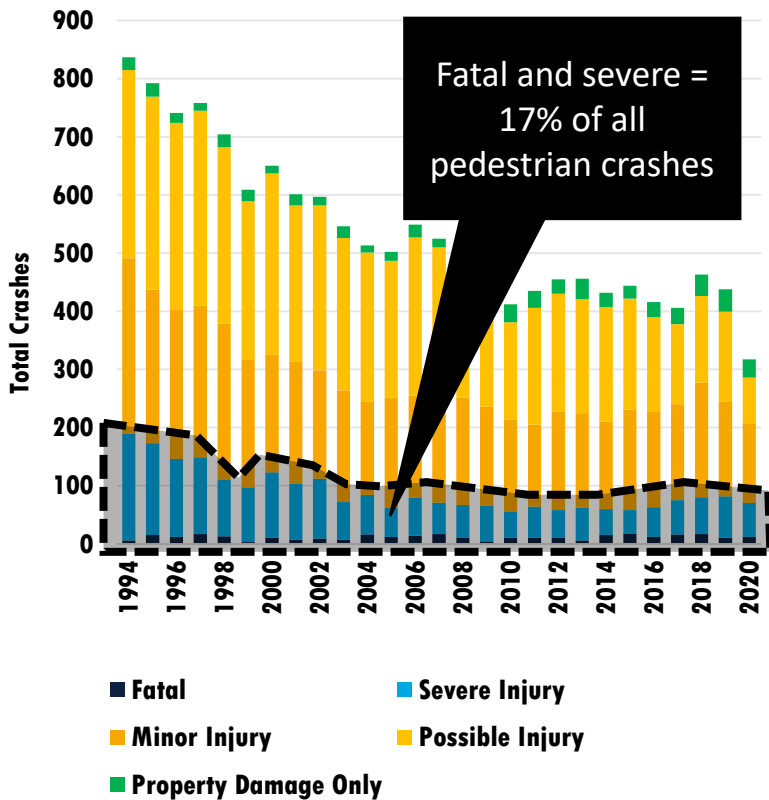
Streets with speed limits of 30 to 35 mph are dangerous for all street users
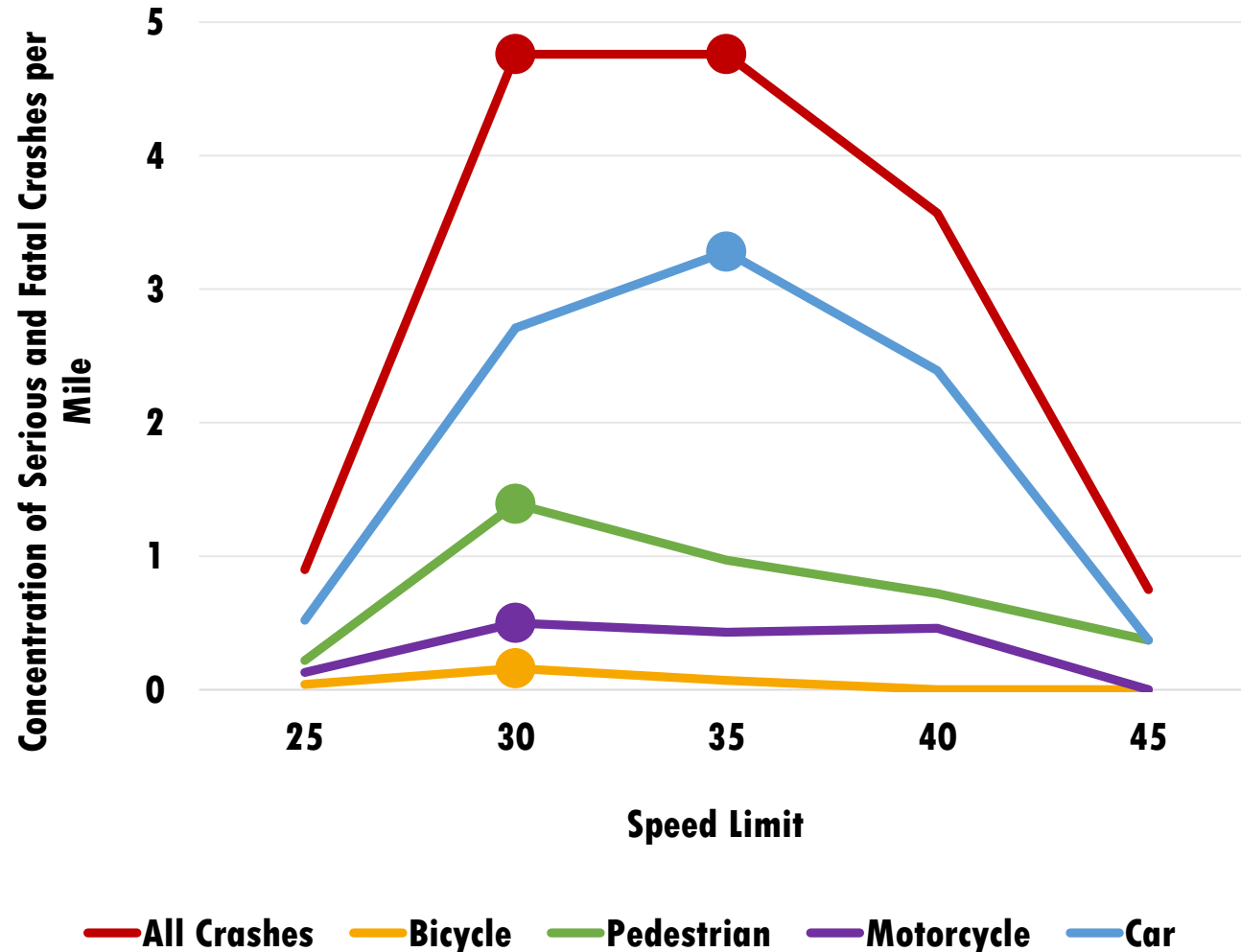
Streets with speed limits of 30 to 35 mph are dangerous for all street users

Pedestrian and bicyclist crashes in dark and low light conditions are especially severe

Percent of Total Crashes that are **Fatal or Severe** Compared with Darkness
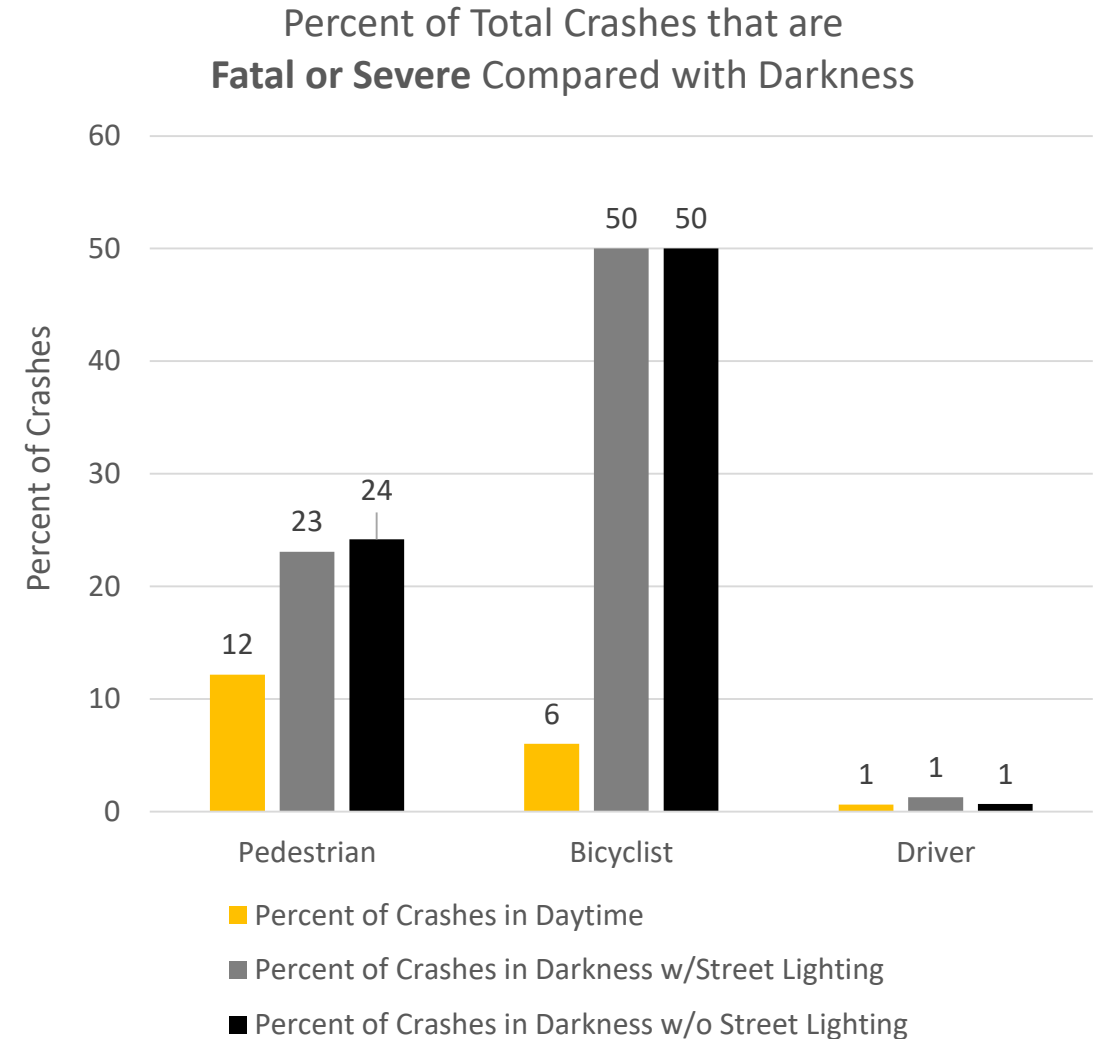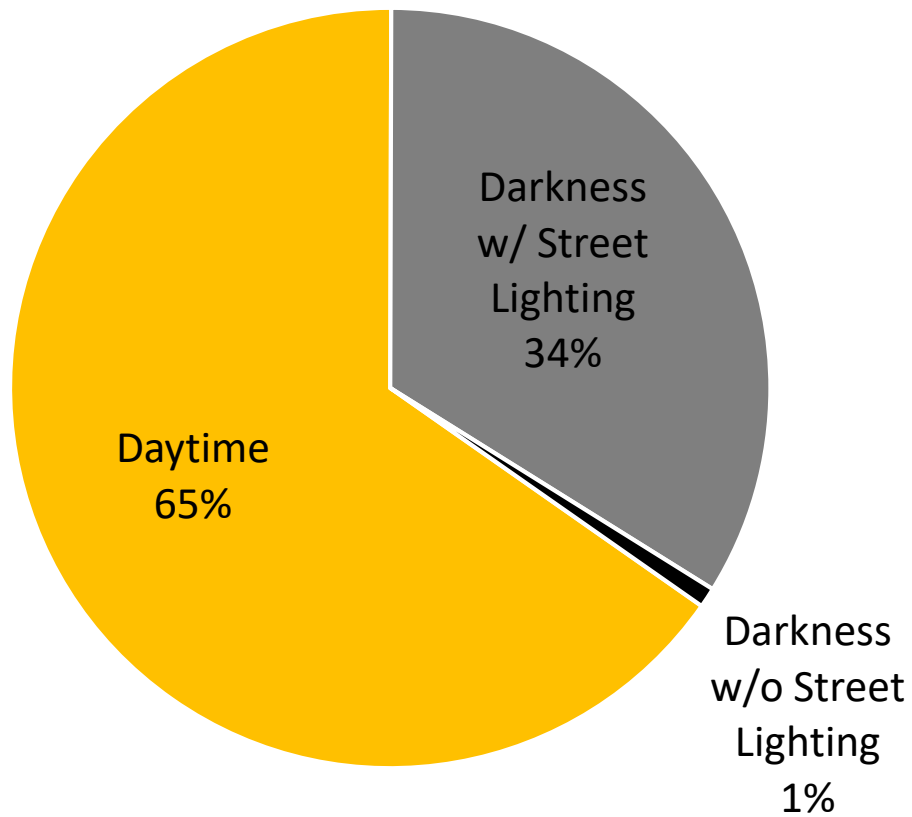
More crashes happen at intersections, but they are more likely to be severe midblock

Pie chart: Intersection 65%, Midblock 35%

Bar chart: Percent of Total Crashes that are Fatal or Severe per Location

Percent of Crashes

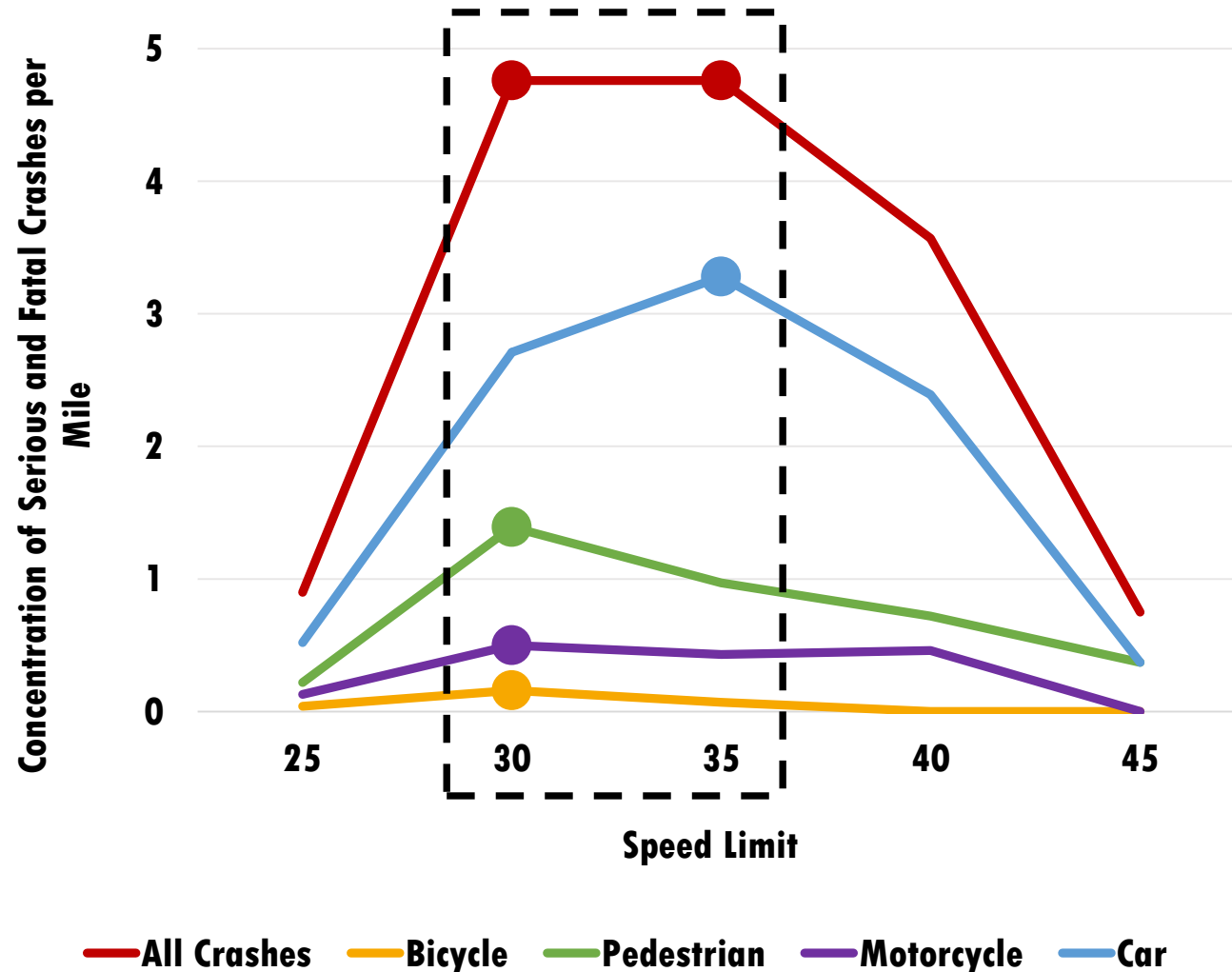| Location	Percent at Intersections	Percent at Midblock
Pedestrian	14	24
Bicyclist	7	6
Driver	1	1
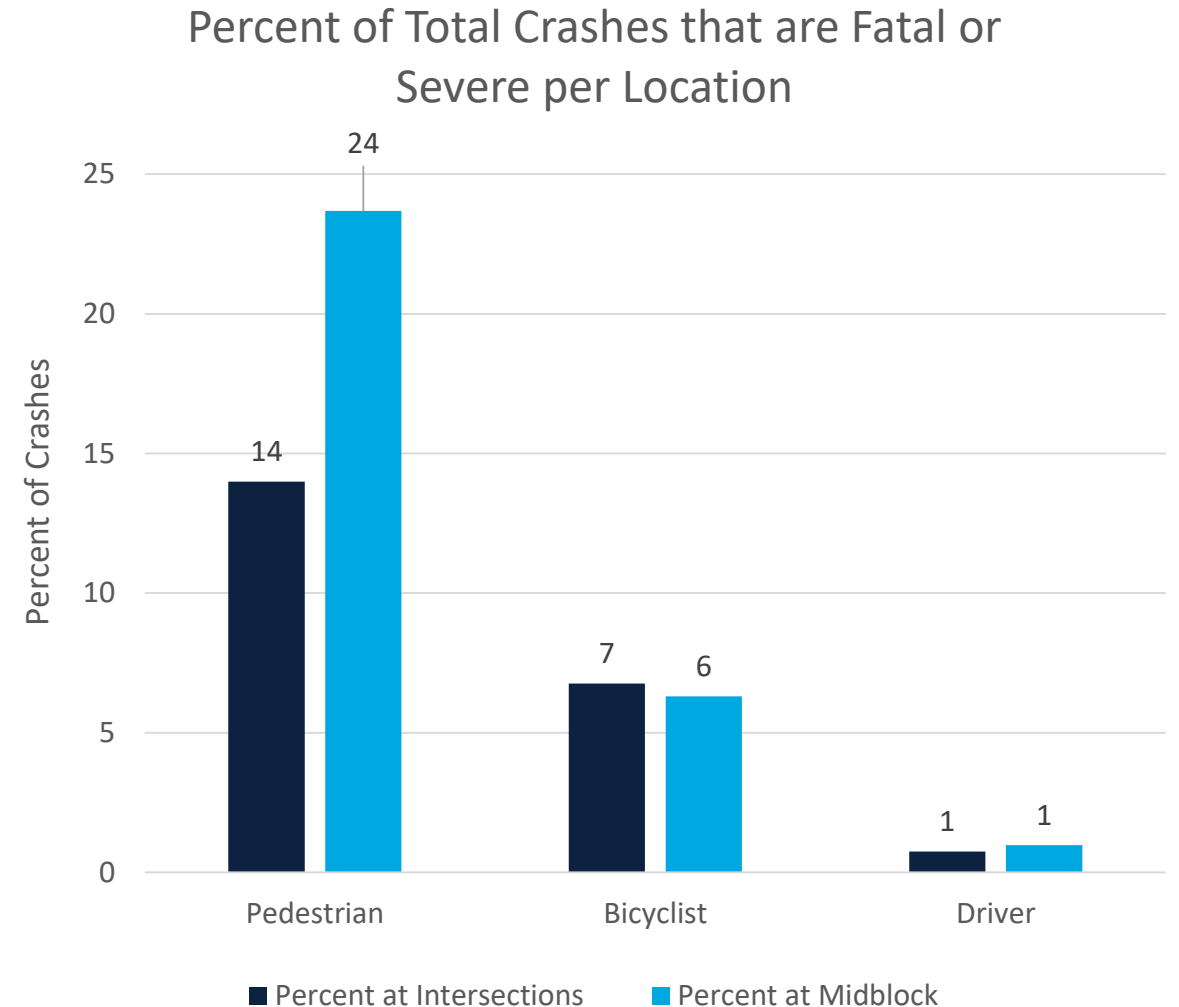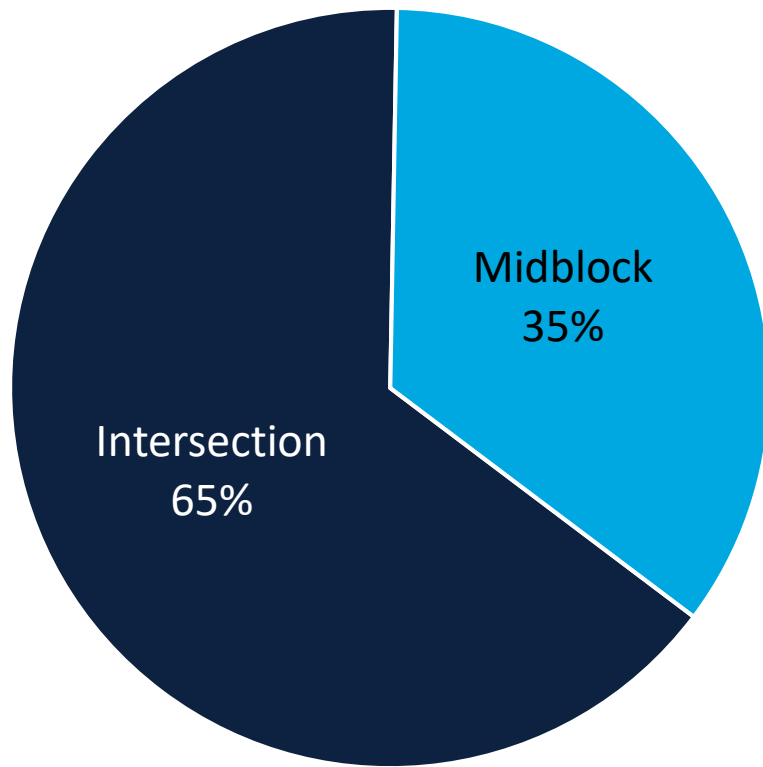
Crashes by Driver Action
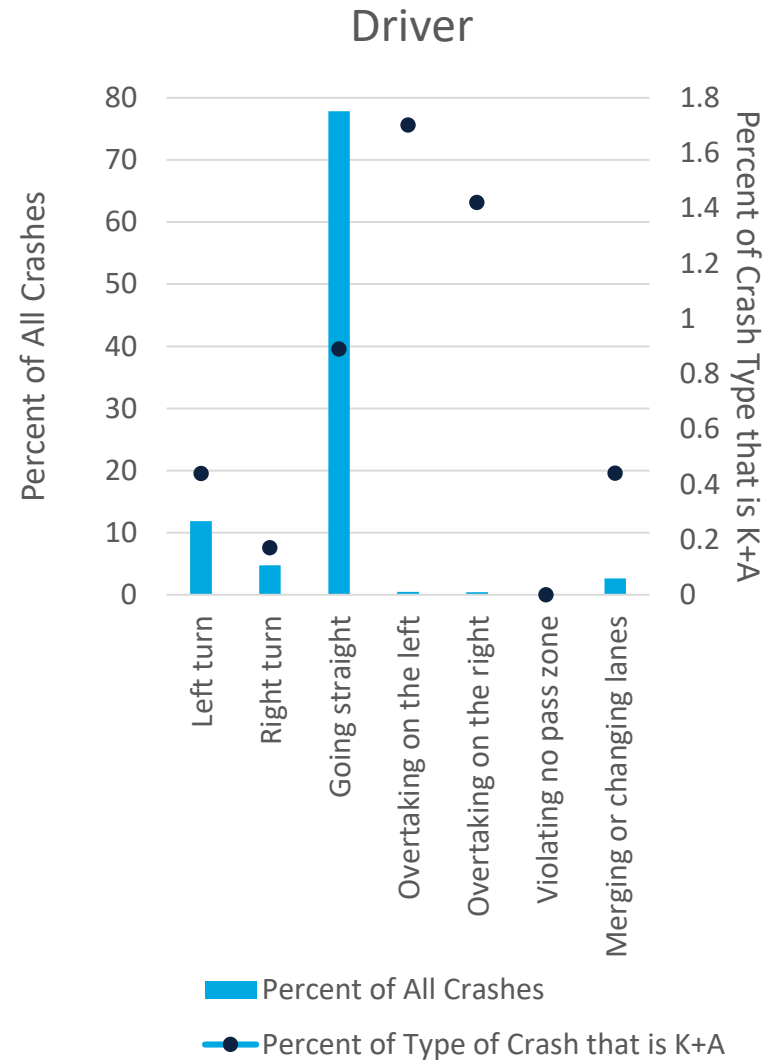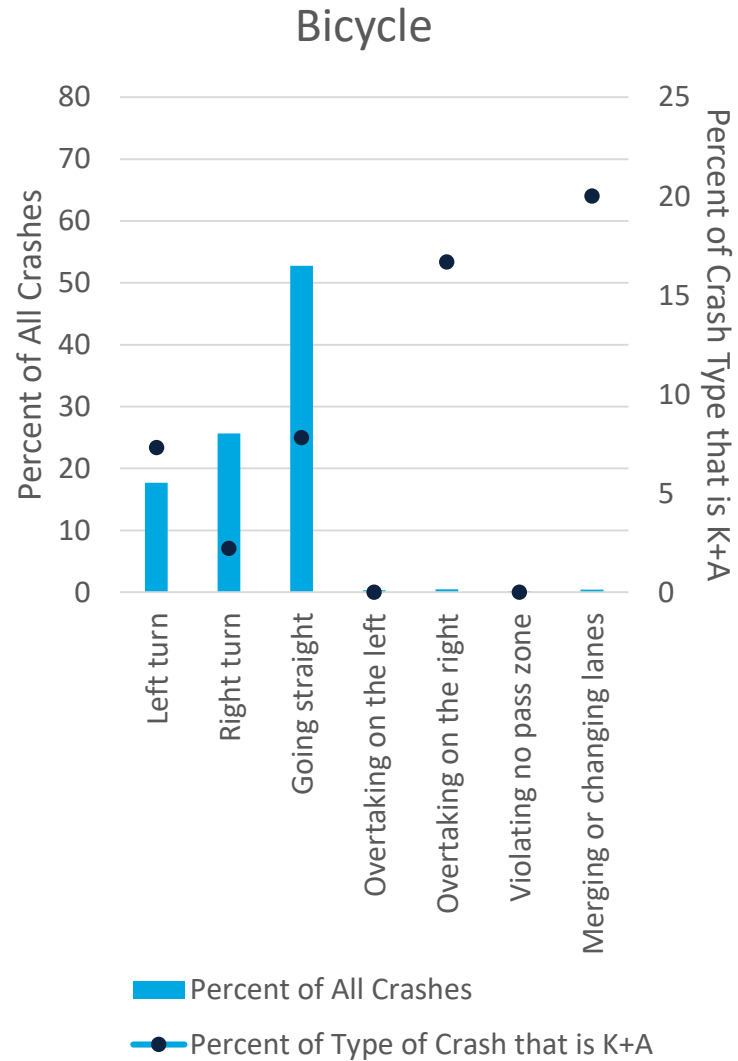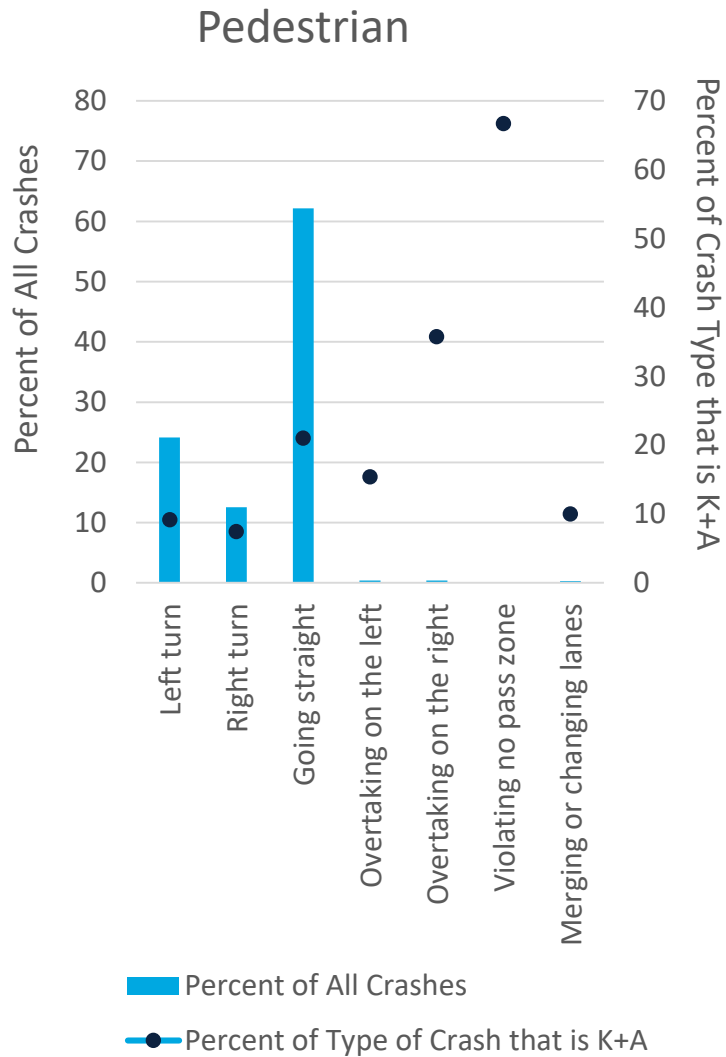
Crashes by Driver Action
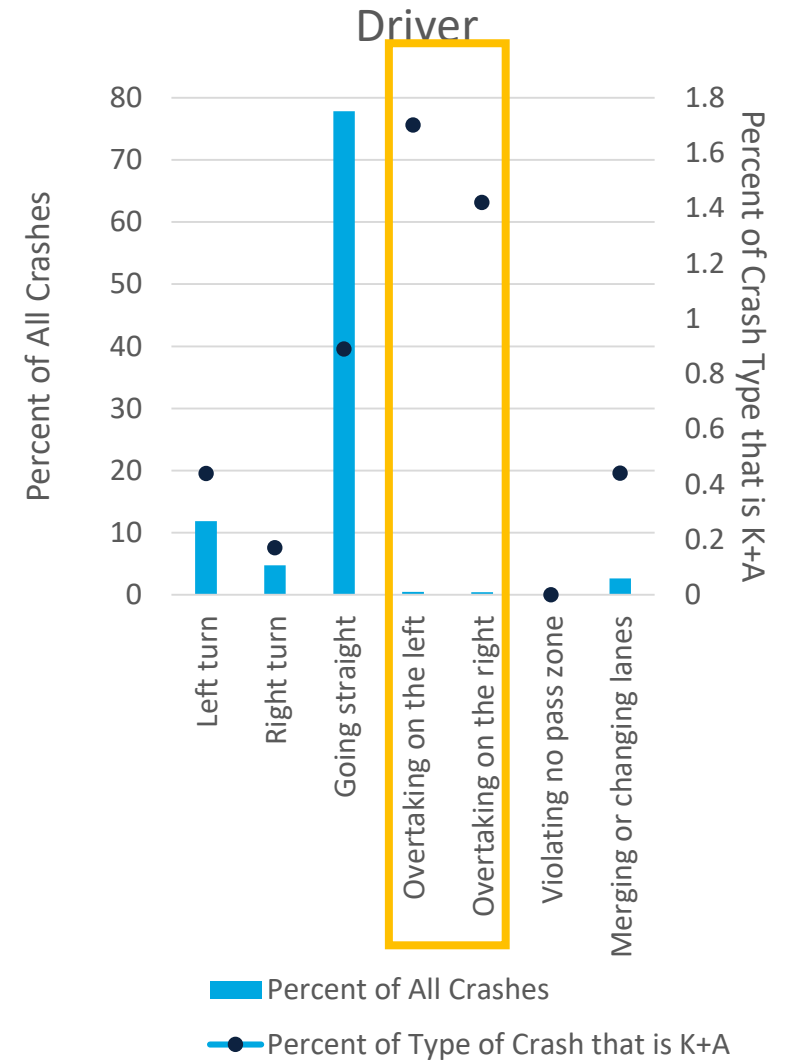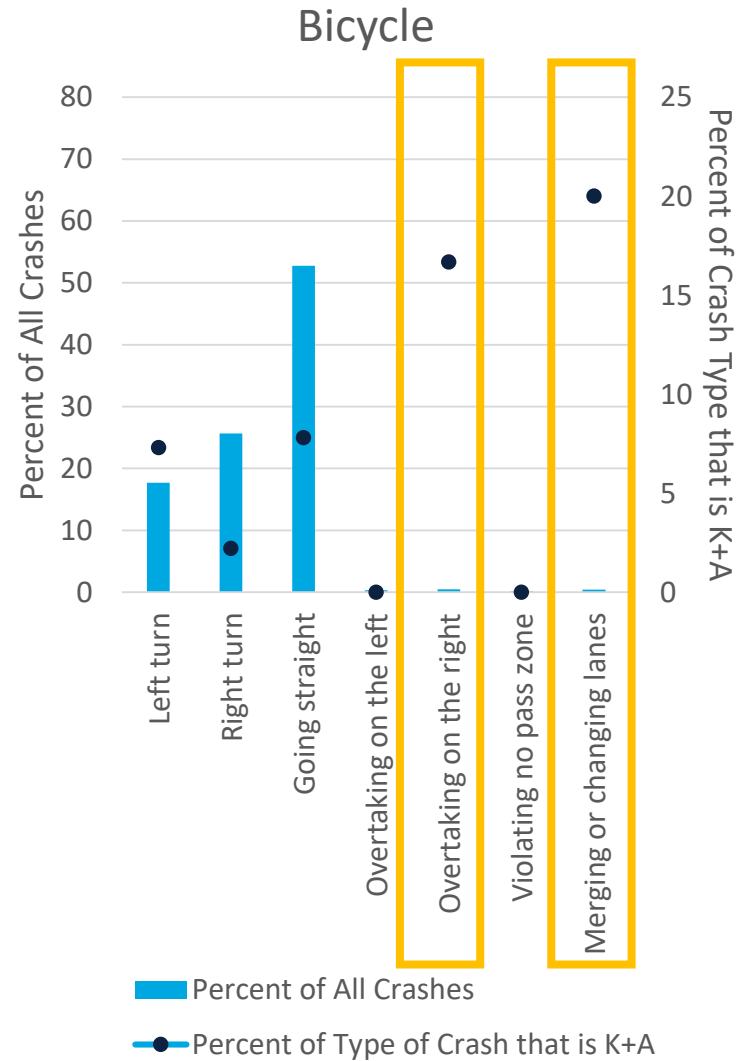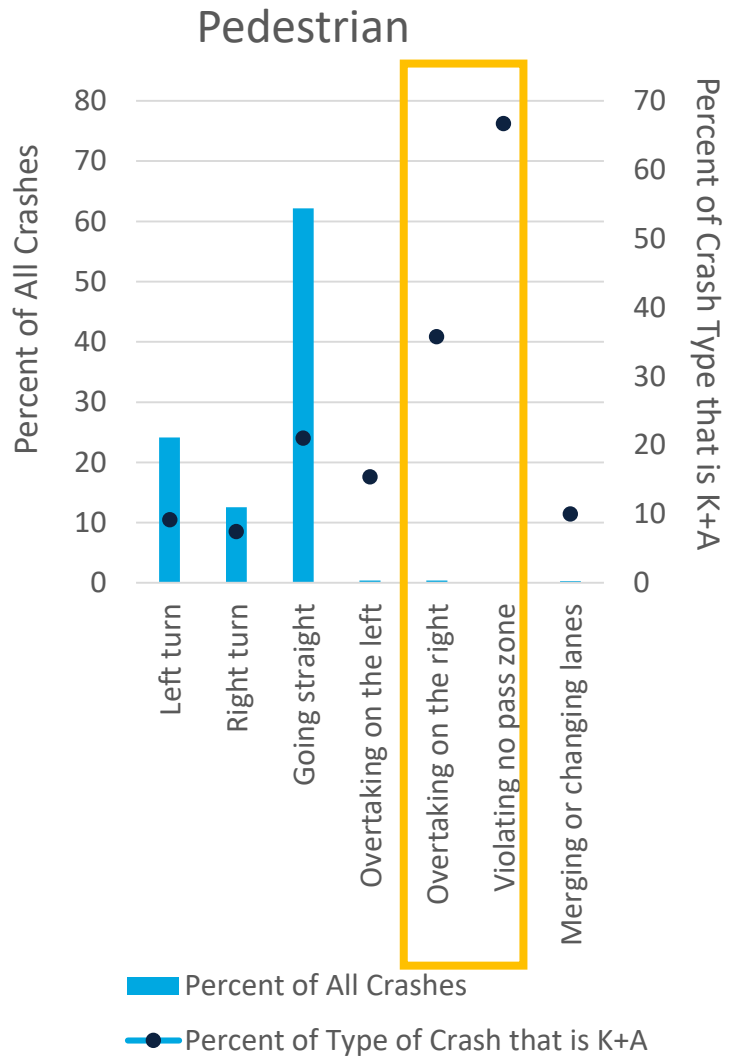
Crashes in NRSAs

- Streets are more likely to be:
  - 30-35 mph streets
  - Higher traffic volumes
- More likely to involve:
  - Drivers overtaking on the left or right
  - Hit-and-run drivers
  - Drugs
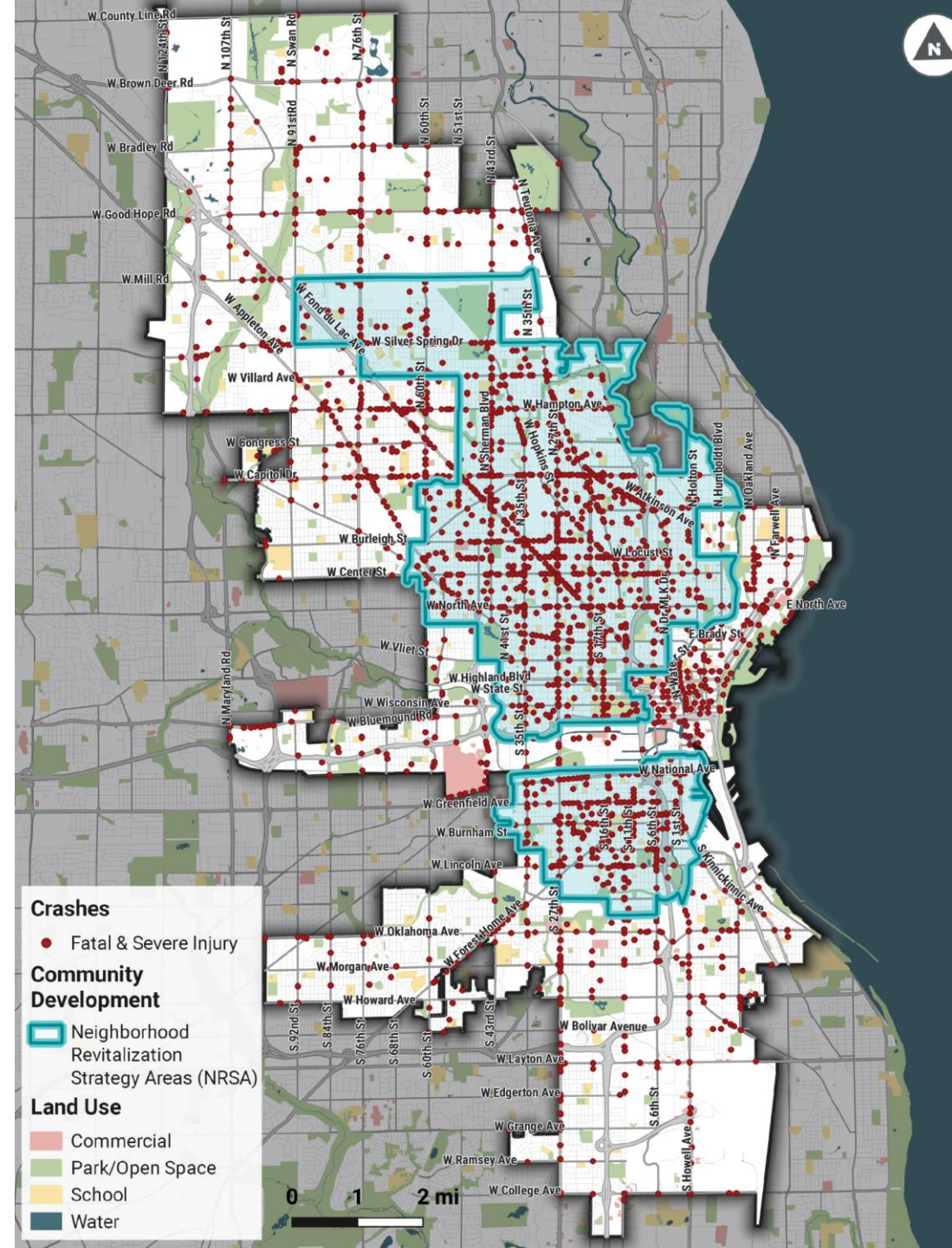
High Injury Network

Modal HINs

Pedestrian
High Injury Network
— Corridor
• Intersection
Land Use
Commercial
Park/Open Space
School

Bicyclist
High Injury Network
— Corridor
• Intersection
Land Use
Commercial
Park/Open Space
School

Driver
High Injury Network
— Corridor
• Intersections
Land Use
Commercial
Park/Open Space
School
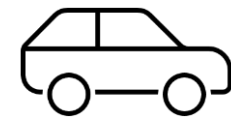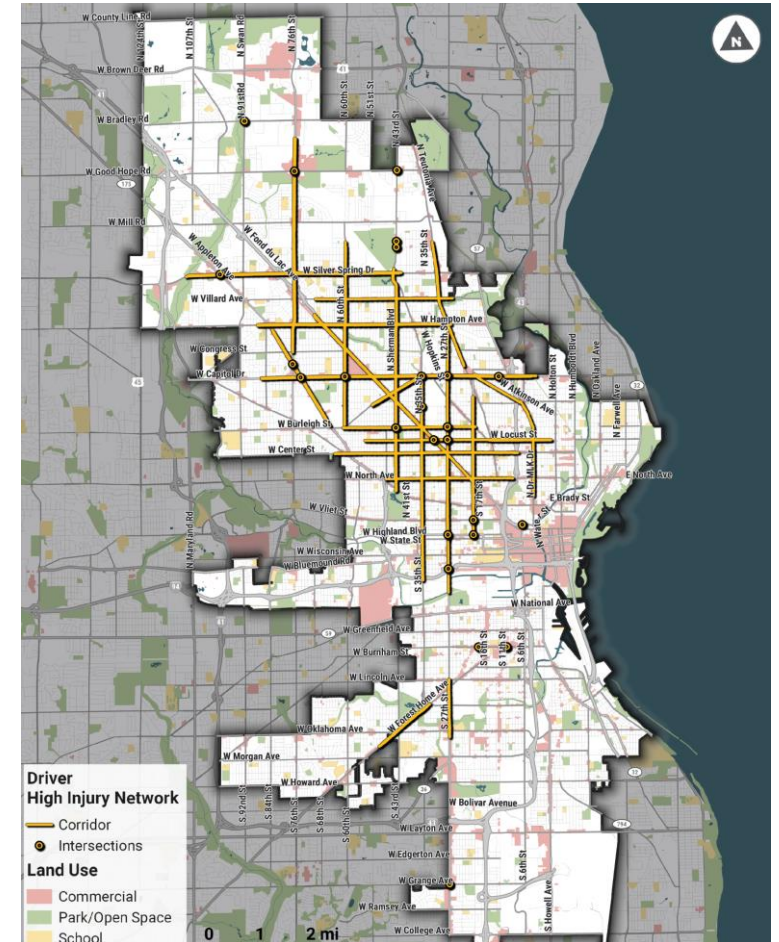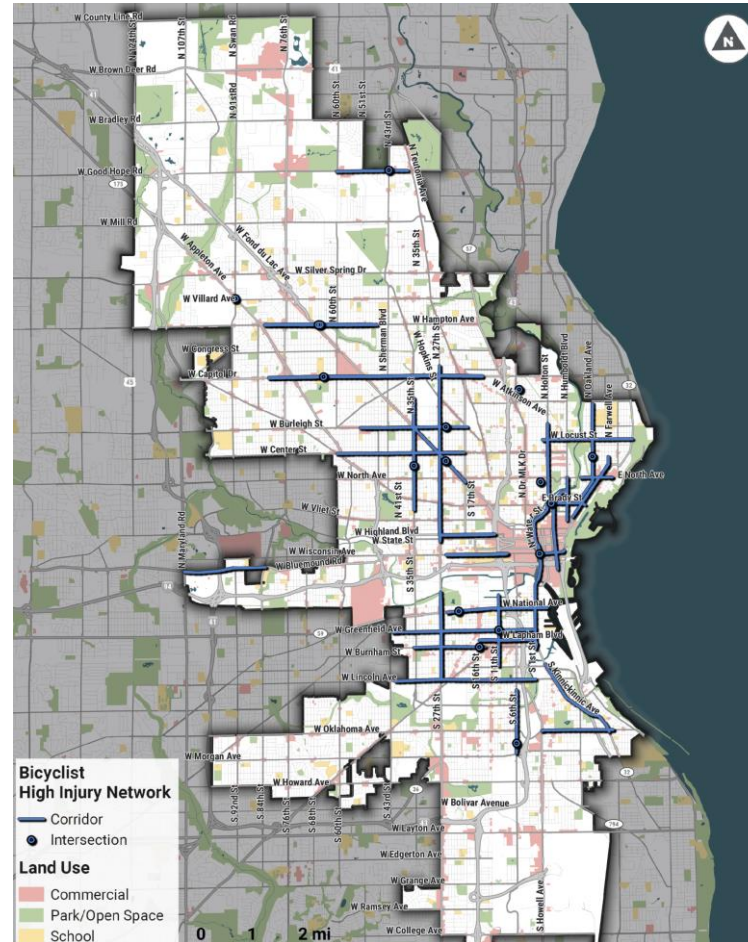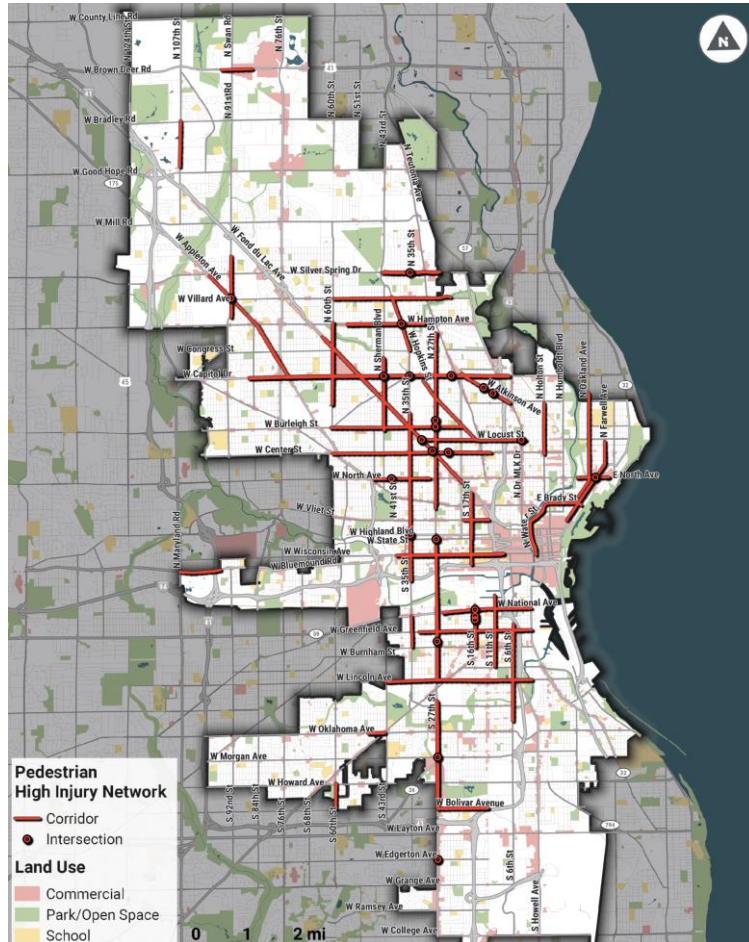
All Modes HIN

Project Prioritization Model – Top Priority
Streets & Intersections

- **Fond Du Lac Avenue** *from Armitage Ave to 20th St*
- **Capitol Drive** *from 85th St to 6th St*
- **Hampton Avenue** *from Appleton Ave to 31st St*
- **35th Street** *from Canal St to Nash St*
- **Wisconsin Avenue** *from 25th St to 9th St*
- **Center Street** *from Lisbon Ave to 11th Ln*
- **National Avenue** *from 25th St to 1st St*
- **Dr Martin Luther King Jr Dr & Locust St**
- **27th Street** *from Euclid Ave to Cornell St*
- **Burleigh Street** *from 60th St to Hopkins St*

All Modes Combined
High Injury Network
— Corridor
⬤ Intersection
Land Use
Commercial
Park/Open Space
School
Water

0   1   2 mi

HIN Jurisdiction

4%

31%

65%

- City of Milwaukee
- WisDOT
- Milwaukee County

All Modes
High Injury Network
- County Highway
- Local Street
- State Highway

Land Use
- Commercial
- Park/Open Space
- School
- Water
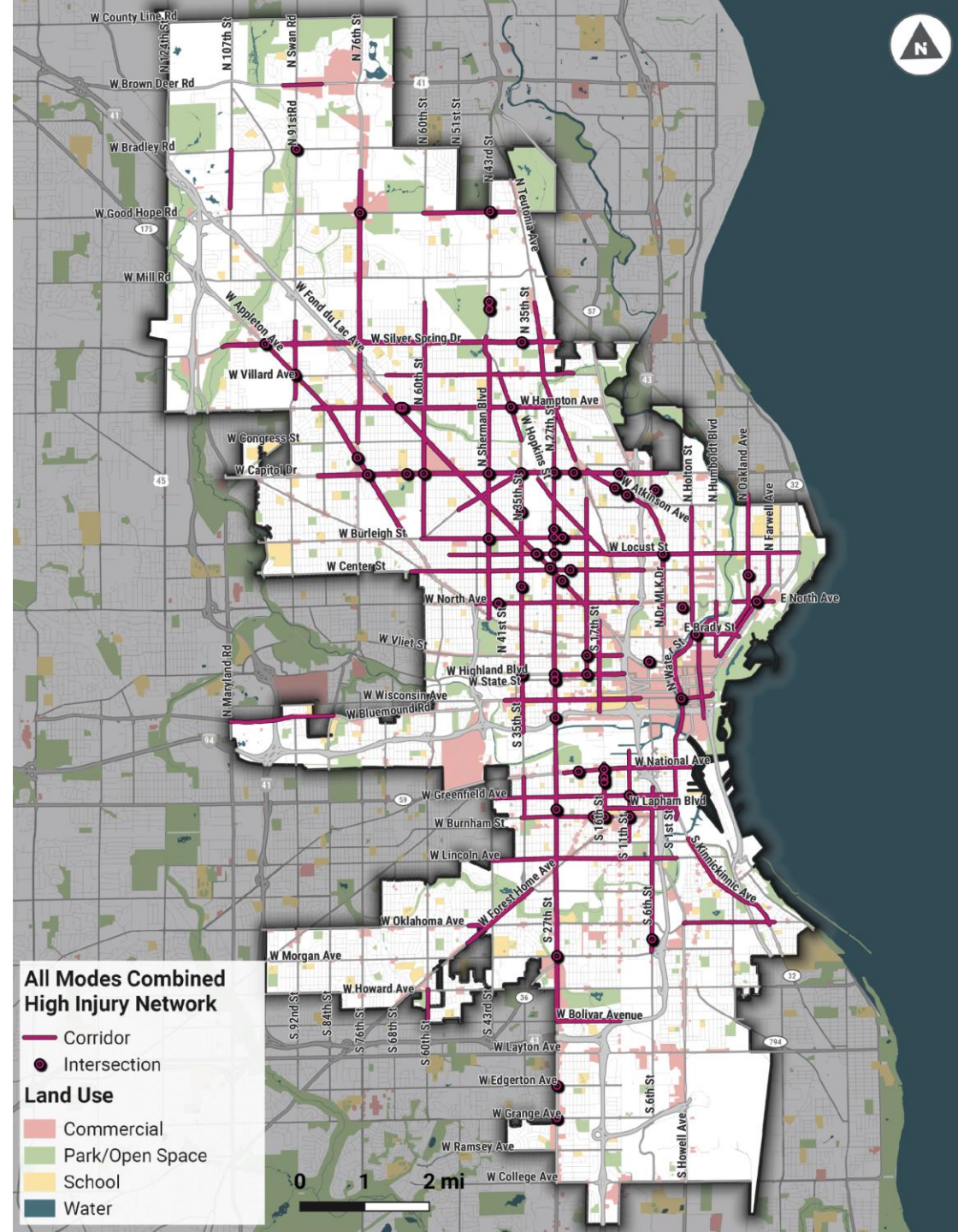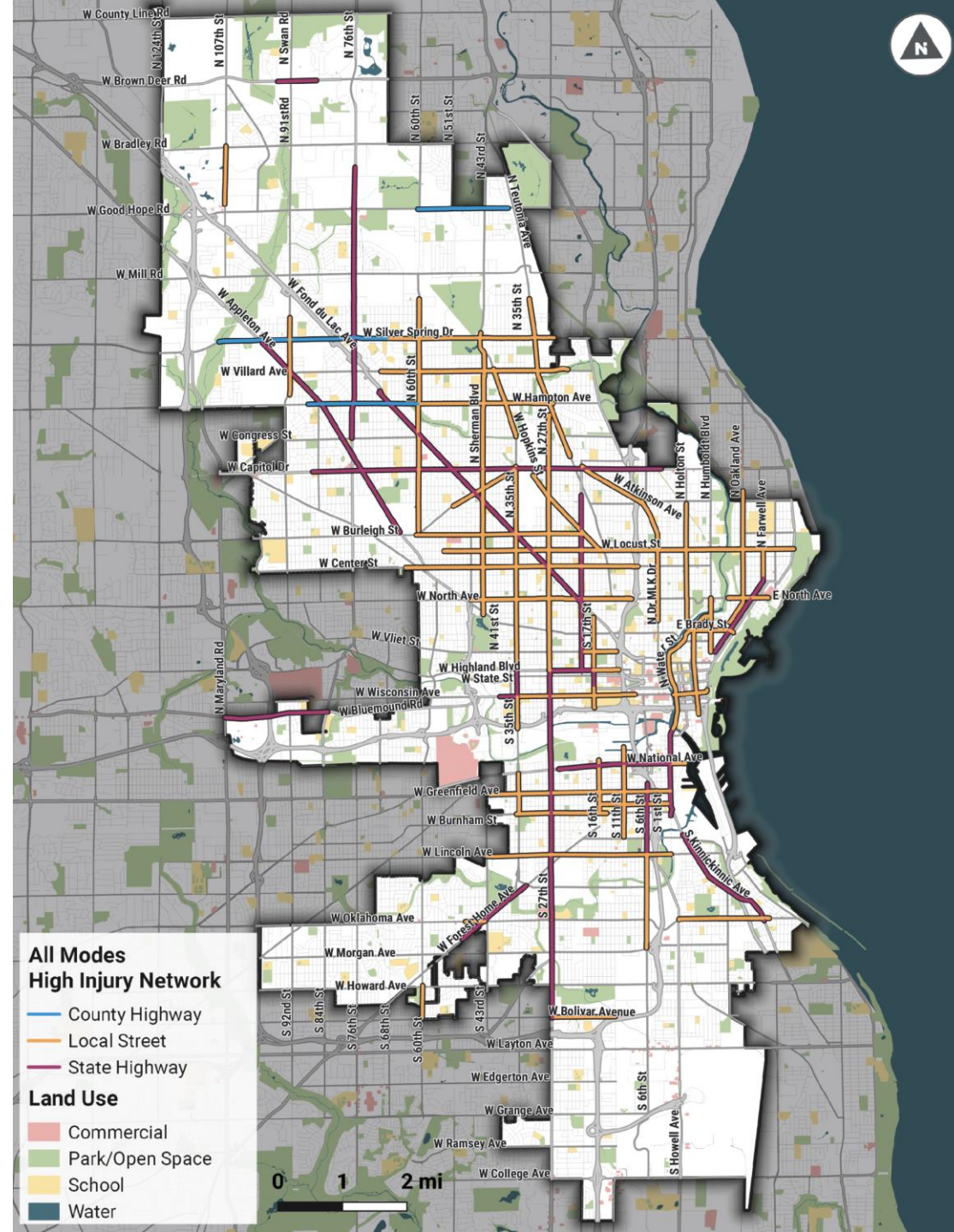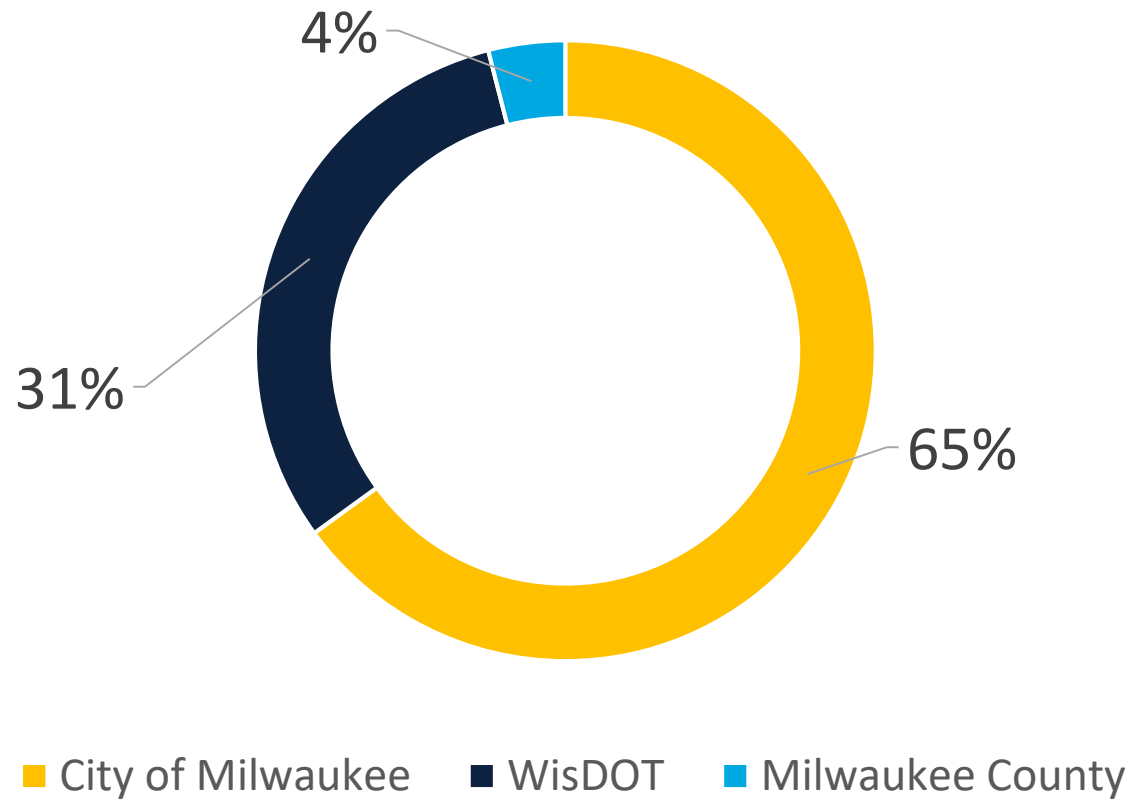
How can we use the HIN?

- Project prioritization
- Grant funding
- Project types

Project Prioritization Model

Indicator	Criteria	Weight
Use	Volumes; Population Density	10
Equity	NRSAs; Race; vehicle availability; persons with a disability; environmental justice	20
Safety	High Injury Network; crash risk; injury crashes; fatal crashes	20
Condition (when applicable)	PQI; 286-CITY	50

How can we use the research?

- Design for most dangerous behaviors

- Prioritize areas of the City most affected by crashes

- Marketing and communications

Questions?

Full report available at: Milwaukee.gov/Crash_Report