

Safe Streets Providence

Vision Zero Task Force Meeting
November 1, 2024



Draft Plan Structure

- Plan Principles & Community Engagement
- Safety Data Analysis
- Urban Trail Network Updates & Pedestrian Safety Priorities
- Policy Recommendations & Roadmap to Vision Zero



The Safe System Approach

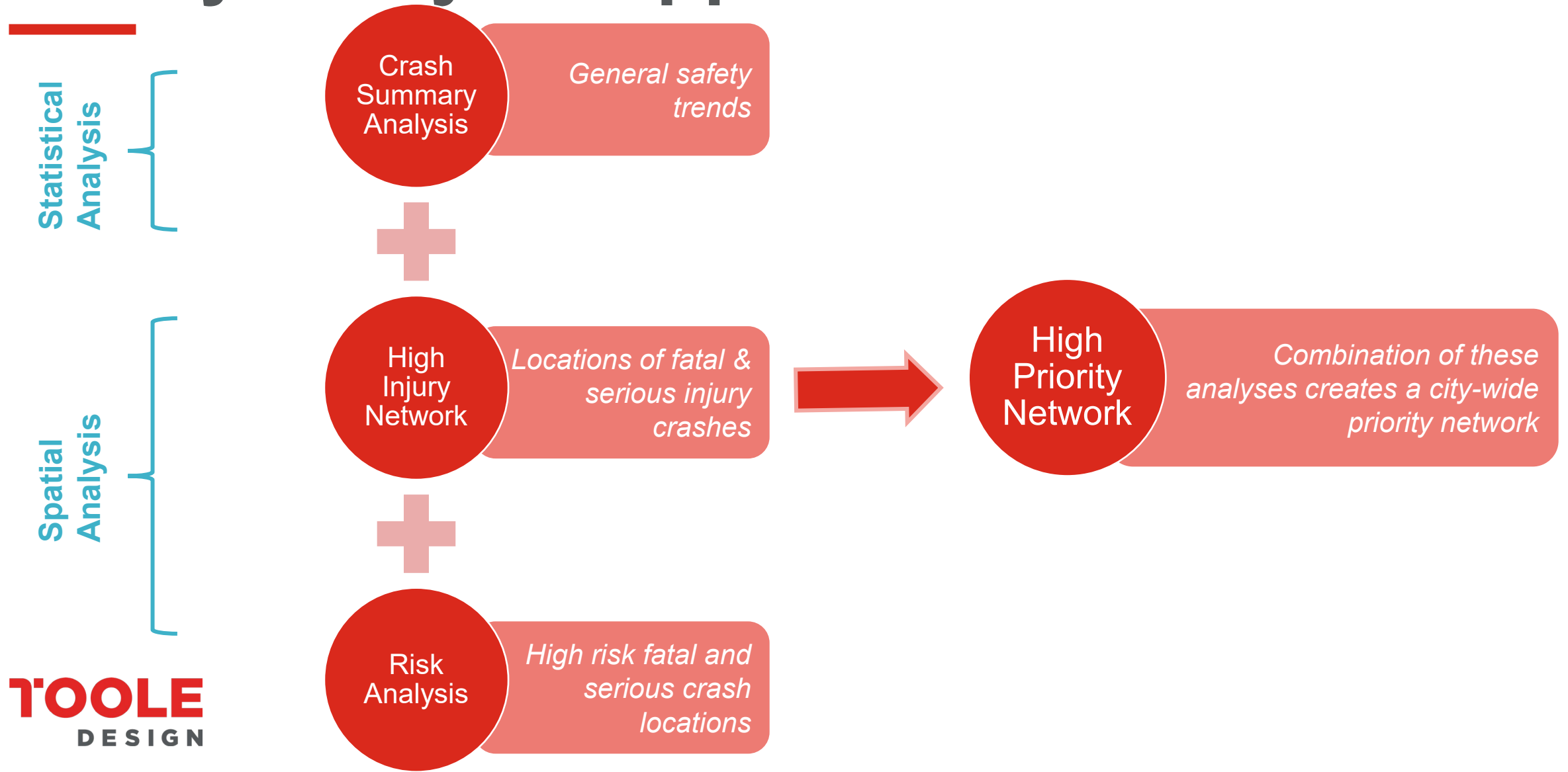
- Approach to achieving Vision Zero
- Focus on layered systems-level solutions



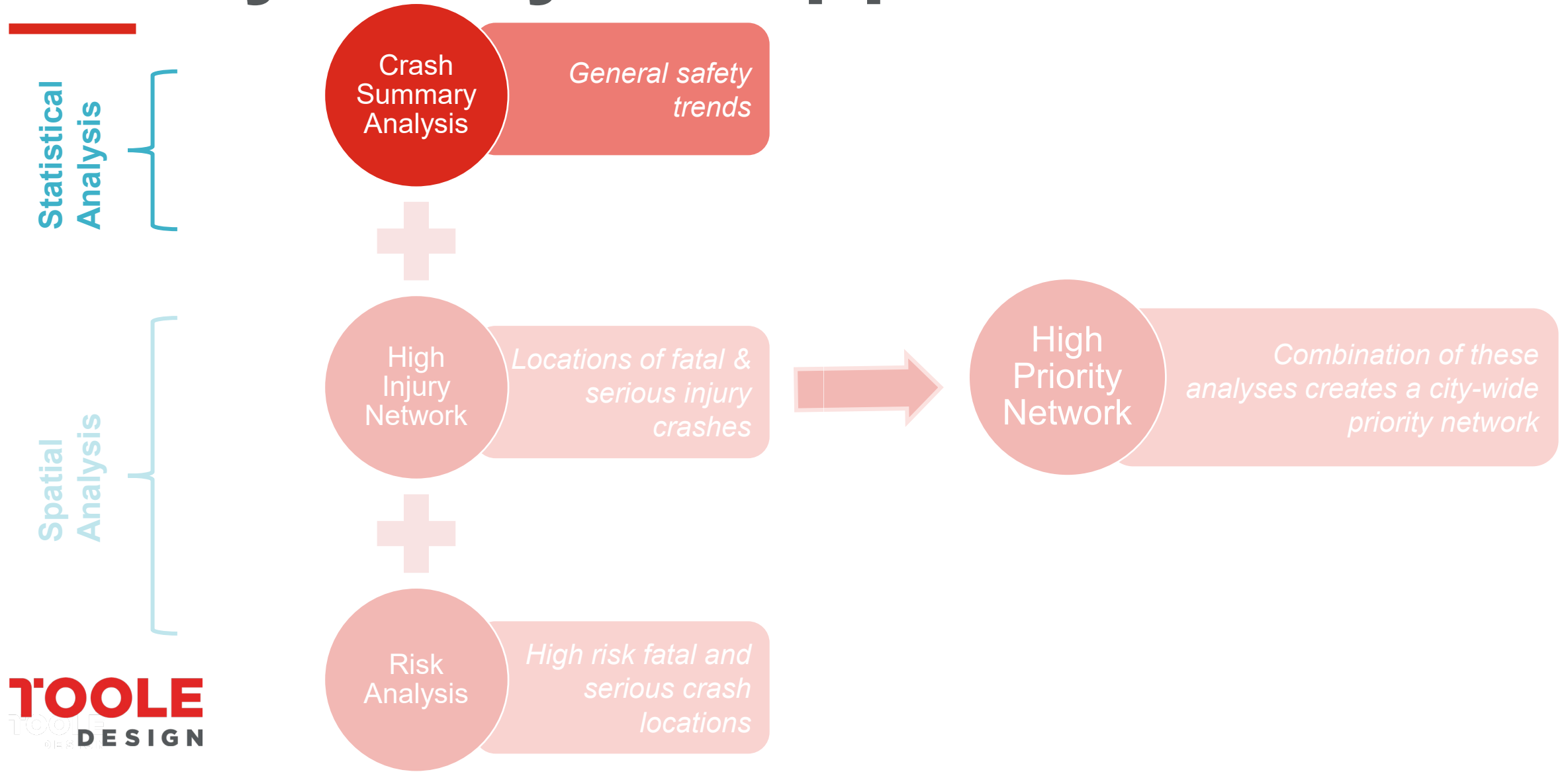
Critical Role of Speed



Safety Analysis Approach



Safety Analysis Approach



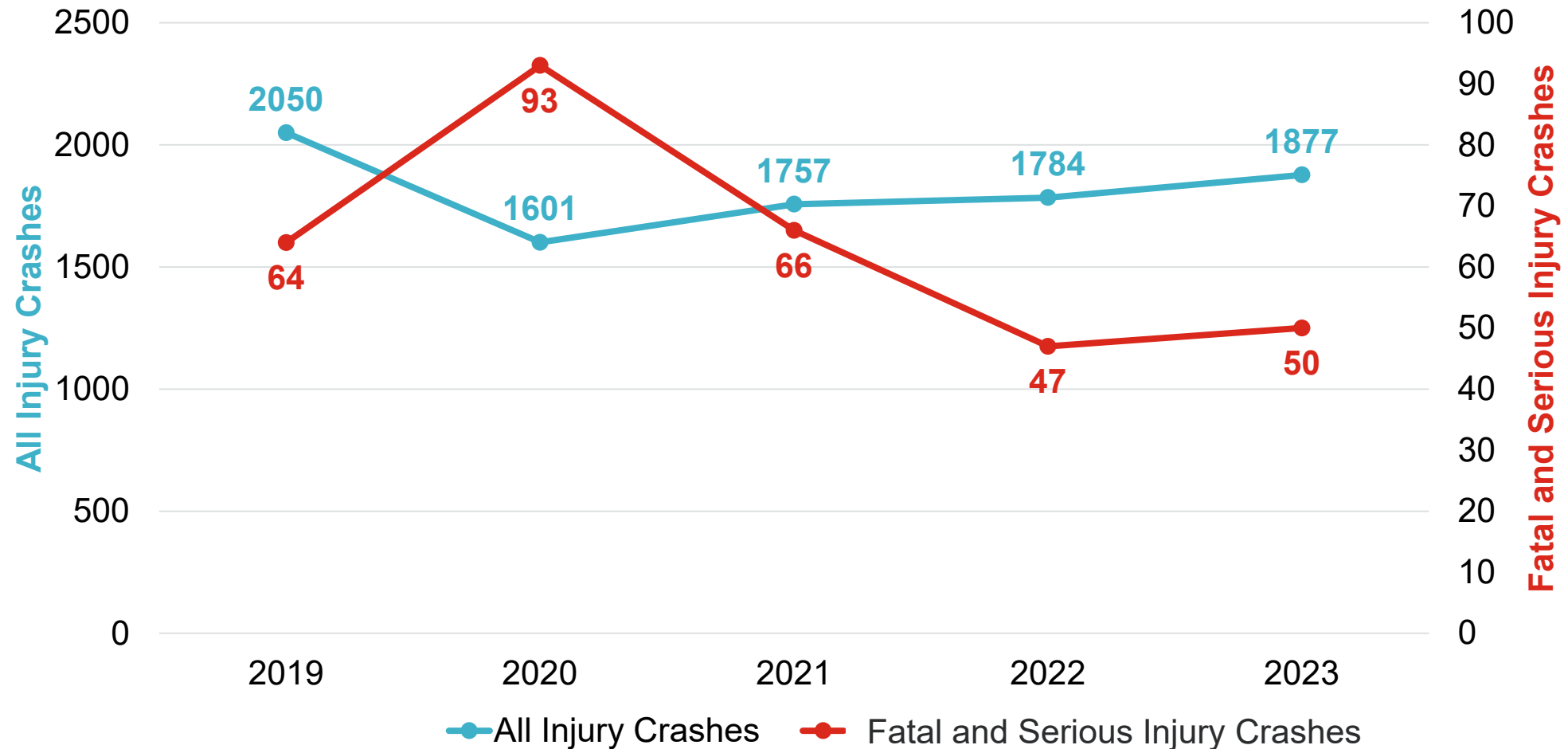
Vision Zero focuses on Fatal & Serious Injury crashes, a small subset of all crashes.

Crashes by Mode and Severity, 2019 - 2023

	Motor Vehicle		Pedestrian		Bicycle		Total	
	#	%	#	%	#	%	#	%
Fatal	21	0.27%	13	1%	2	0.61%	36	0.40%
Serious Injury	180	2%	91	10%	13	4%	284	3%
Minor Injury	476	6%	132	15%	69	21%	677	7%
Possible Injury	7178	91%	652	73%	242	74%	8072	89%
Total	7855		888		326		9069	

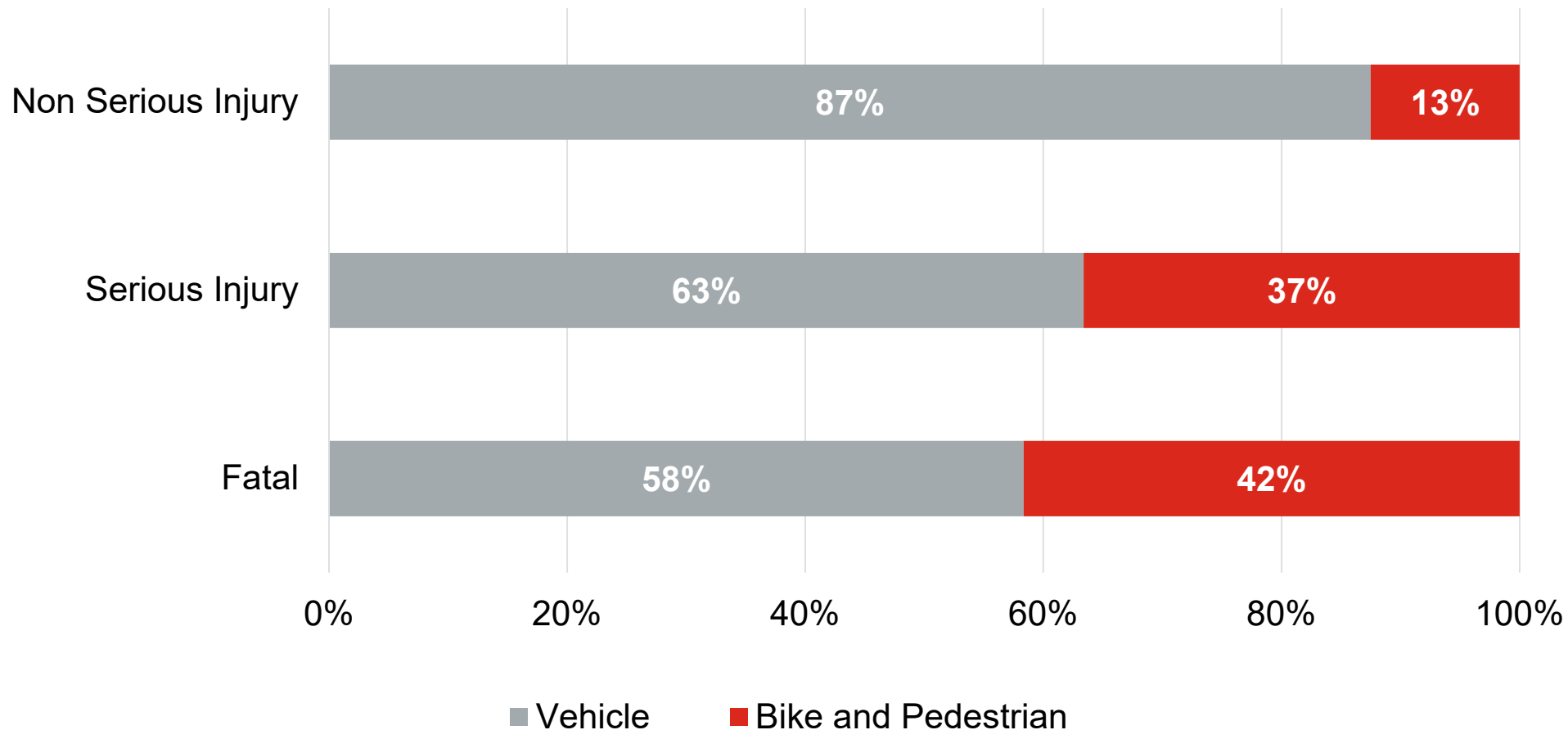
Fatal Crashes: 36
Serious Injury Crashes: 284
Injury Crashes: 9,069

2020 saw the highest number of fatal and serious injury crashes, in a year that experienced a reduction in overall traffic.

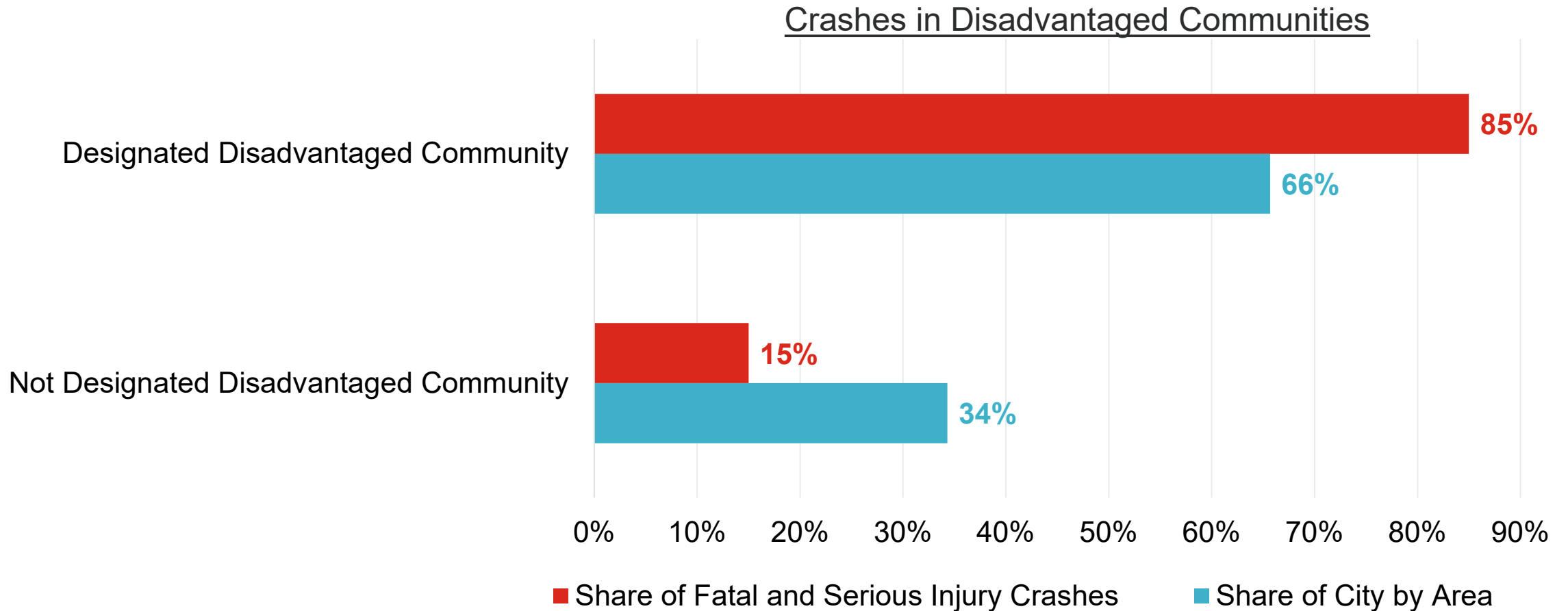


Bike and pedestrian crashes represent 14% of all injury crashes. However, these users are overrepresented in fatal and serious injury crashes.

Crashes by Injury Severity for Vehicle and Bike and Pedestrian Crashes

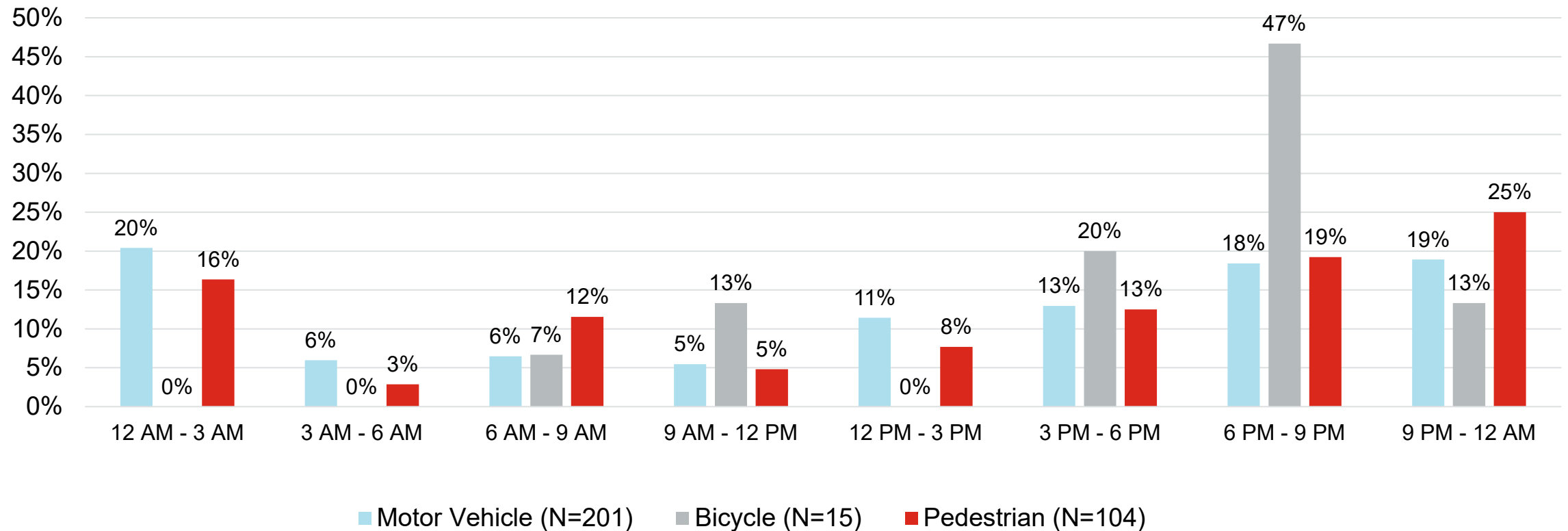


Providence's most vulnerable residents are especially affected by severe crashes.

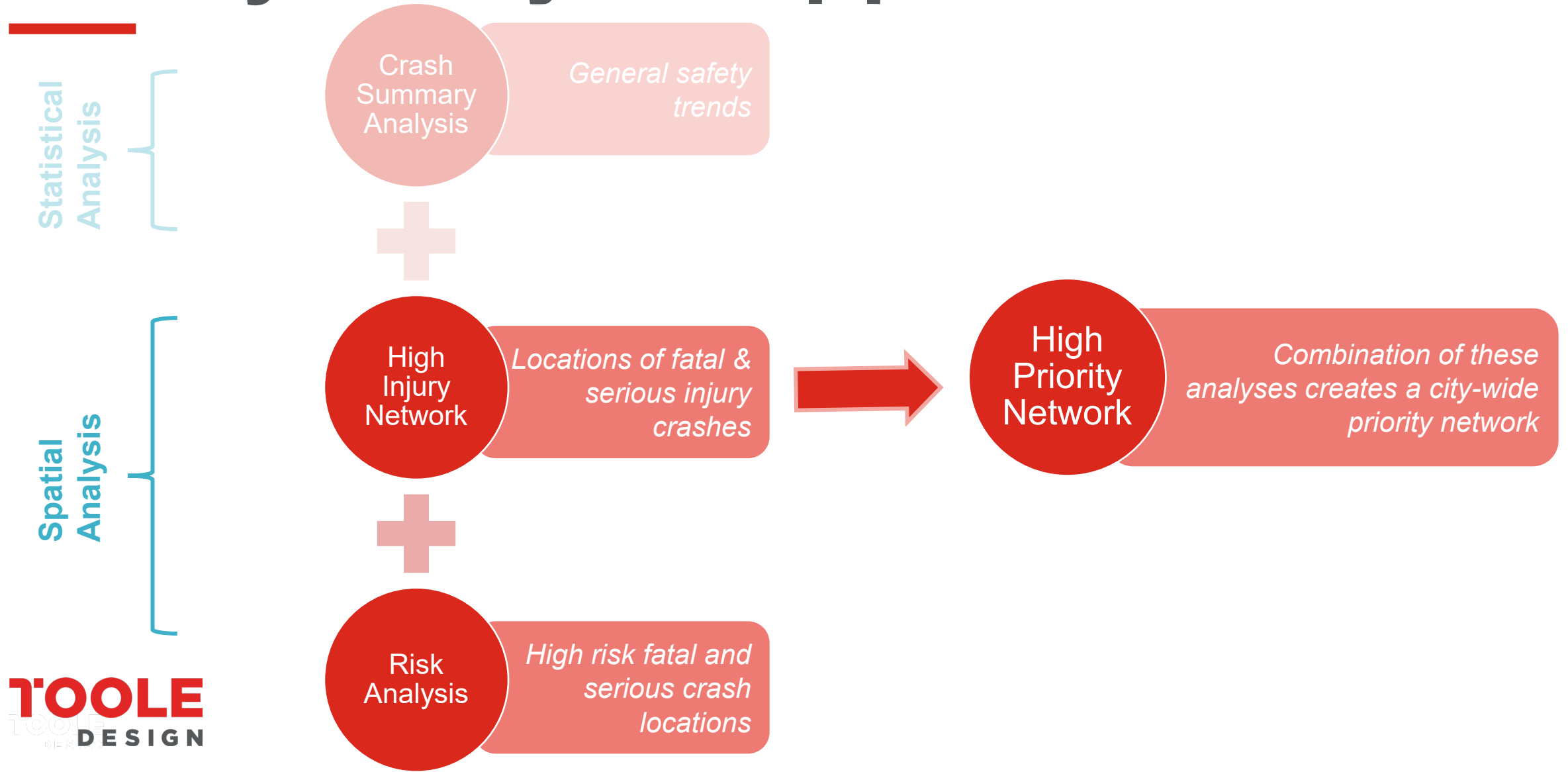


Fatal and serious injury crashes involving bicycles and pedestrians occurred most in the afternoon and evening

Share of Fatal and Serious Injury Crashes by Mode and Time of Day

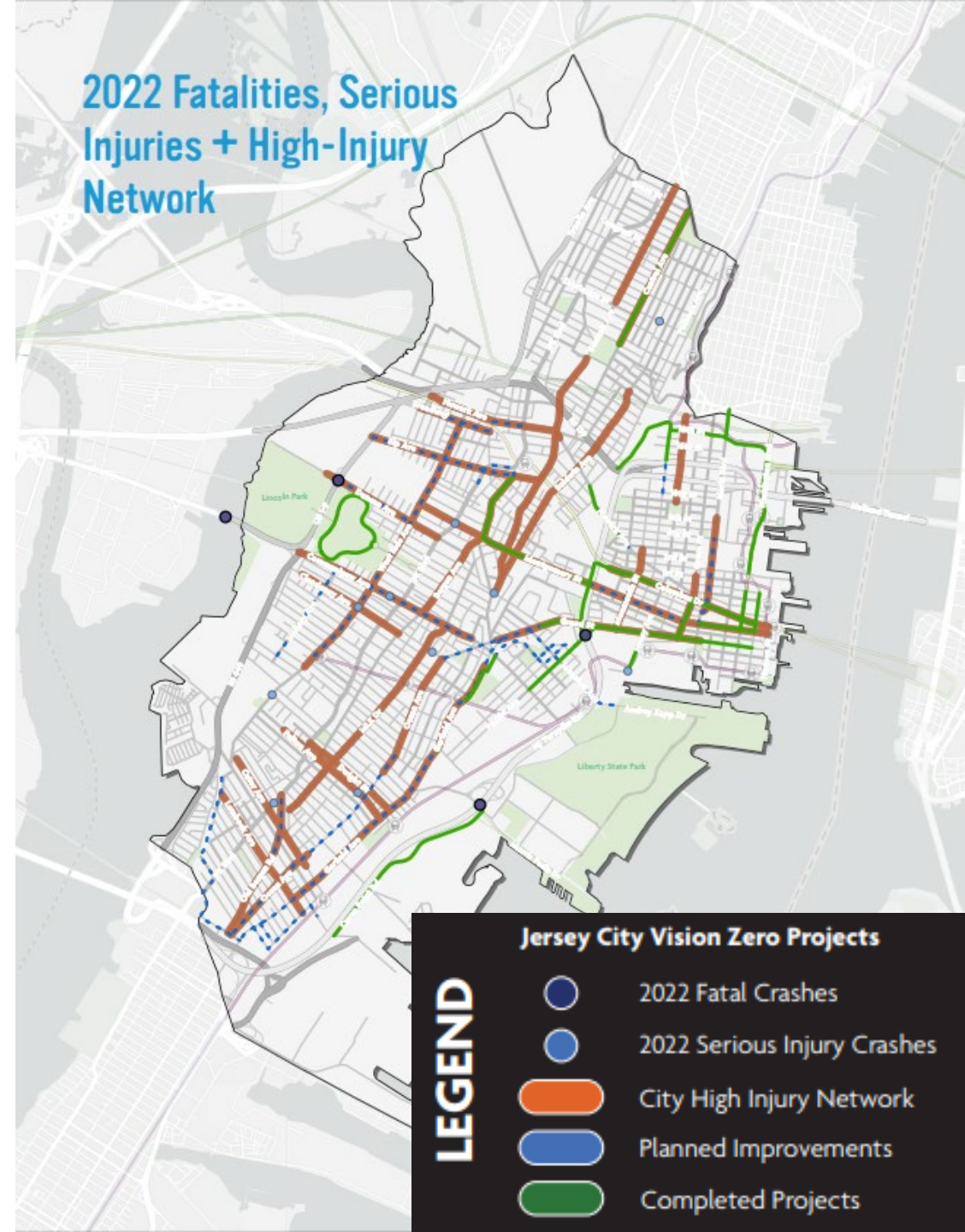


Safety Analysis Approach

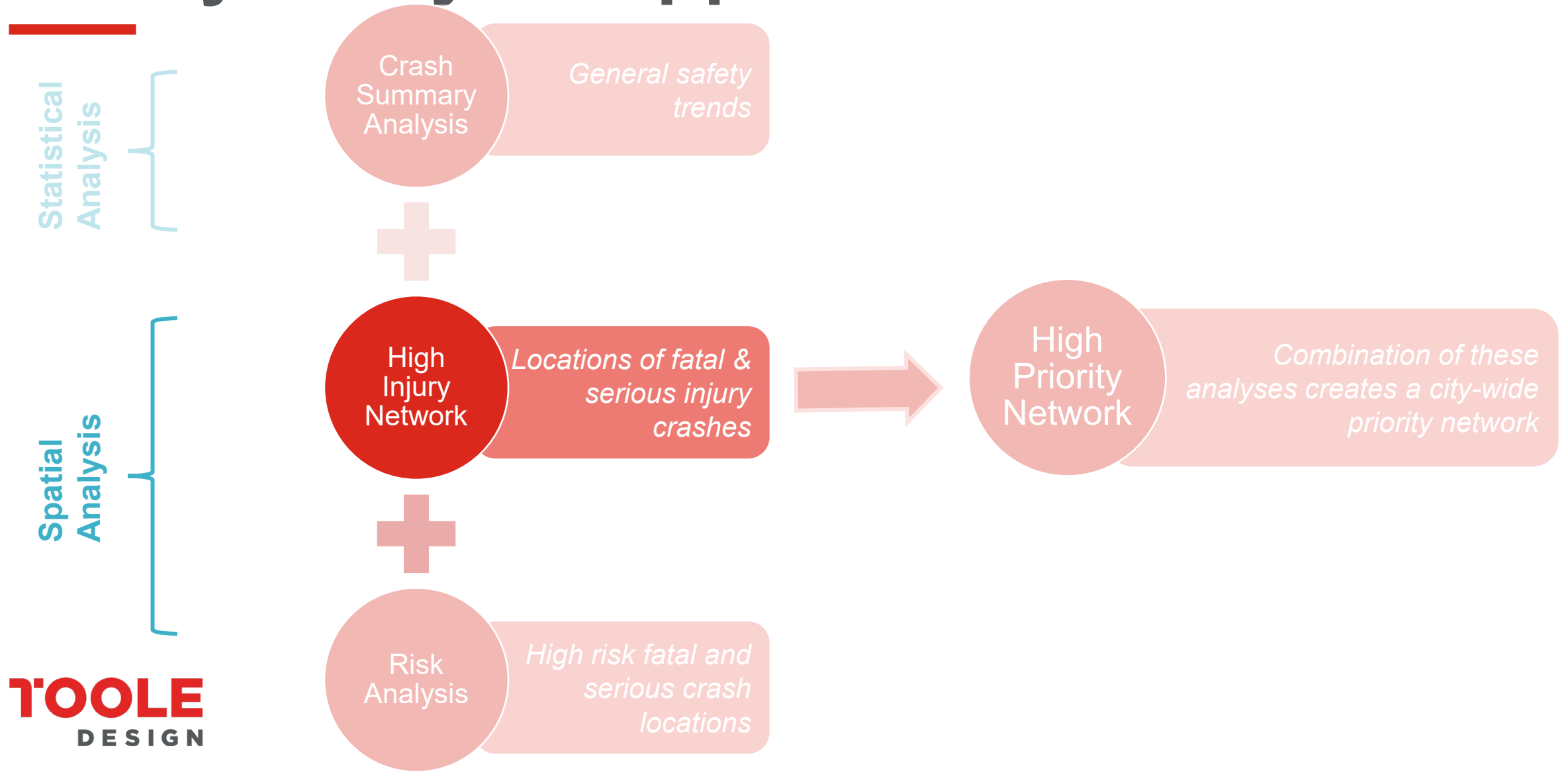


Spatial Safety Analysis Overview

- Targeting projects/strategies where they can have the greatest impact
- Based on crash history and predicted risk
- Final product is High-Priority Network

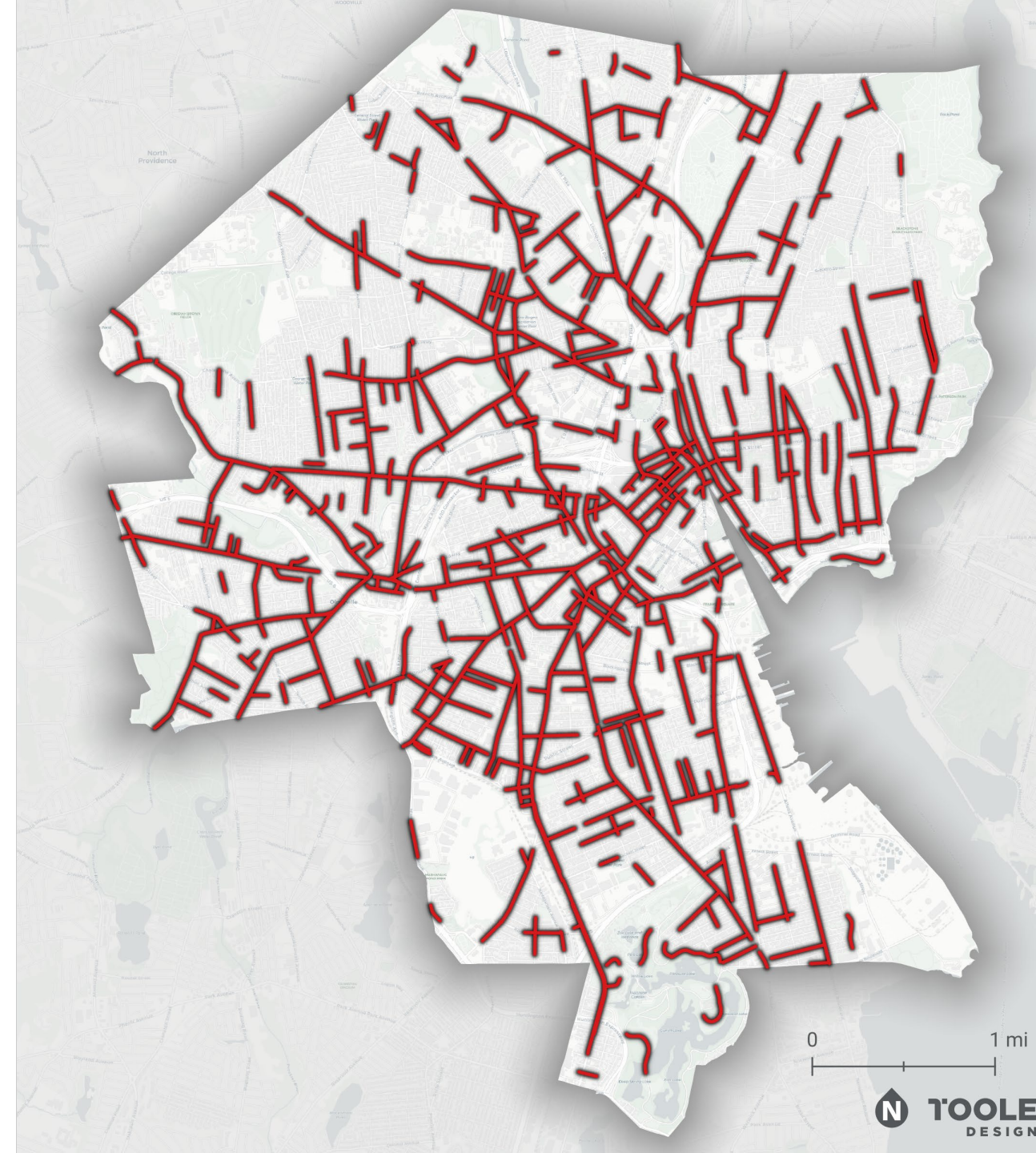


Safety Analysis Approach

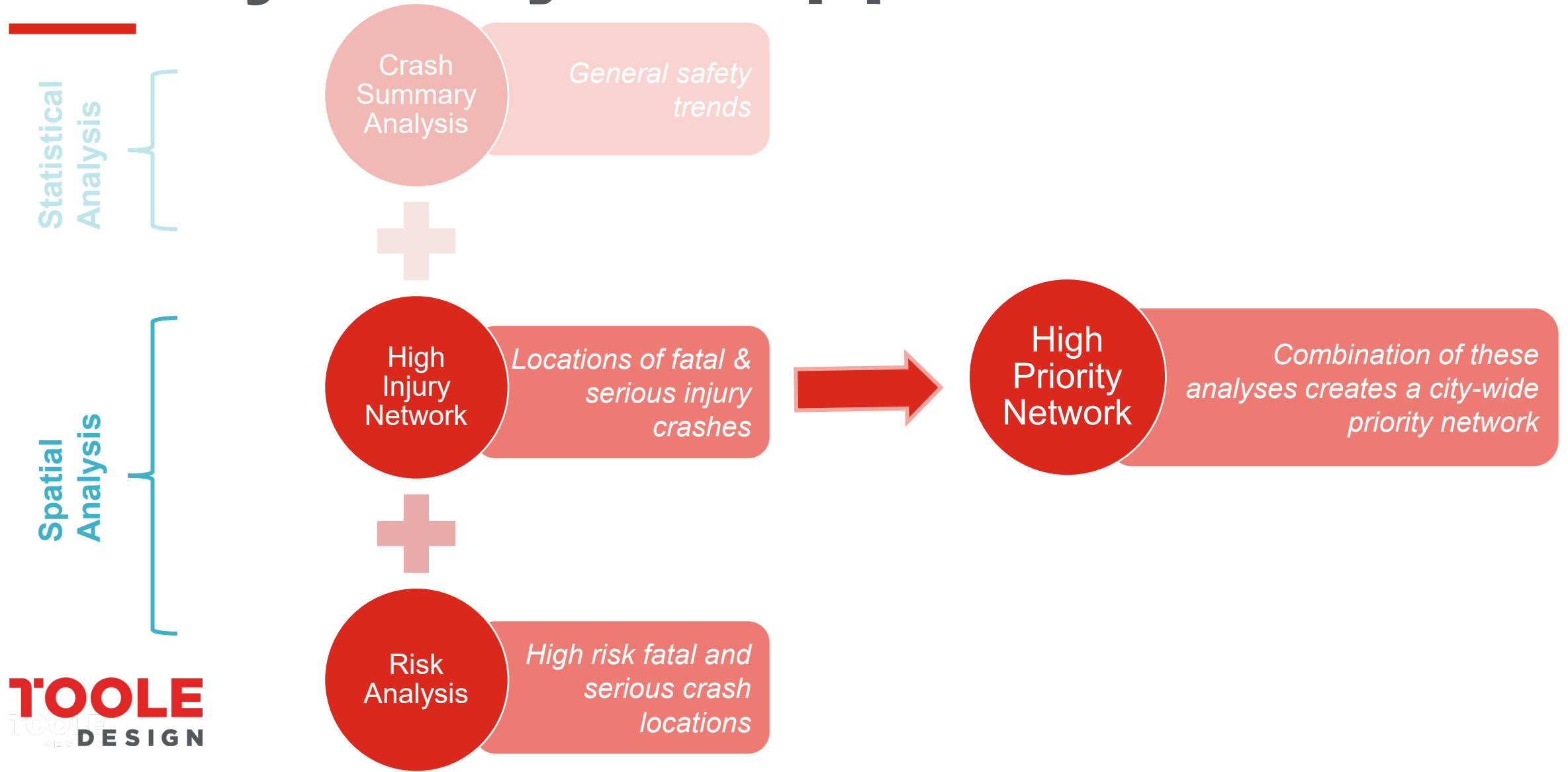


High-Injury Network

- Streets where the most severe crashes have occurred
- 24% of the street network, that from 2019-2023 saw:
 - 33 out of 36 fatal crashes
 - 93% of serious injury crashes



Safety Analysis Approach



Urban Trail Network & Policy Updates

- UTN updates focused on areas not served
- Policy updates & roadmap to zero
- Will incorporate ongoing engagement

