



SAFE STREETS FOR ALL



MEADOWLANDS ACTION PLAN FOR SAFETY
(MAP4S)



NJSEA | Meadowlands Action Plan for Safety (MAP4S)

Safety Task Force Meeting #2

June 20, 2024

Project Team



Nadereh Moini,
Chief of Transportation

Michael Baker
INTERNATIONAL

Project Management
Anthony Durante, Senior Associate



Data Collection & Analysis
Matthew Maher, Senior Associate



Safety Assessment Tool
Cory Hopwood, Traffic Safety
Engineer



Outreach & Engagement
Jessie Cohen, Outreach Lead

**SAFETY TASK
FORCE**

Safety Task Force Members

THANK
YOU!

Municipalities

- Carlstadt – **Hernan Lopez**, OEM Director
- East Rutherford – **Francis Joseph Jr.**, OEM Director
- Jersey City – **Lyndsey Scofield**, Senior Transport Planner
- Kearny – **Stephen Marks**, Town Administrator
- Little Ferry – **Lisette M. Duffy**, Borough Administrator
- Lyndhurst – **Michael Carrino**, Police Captain
- Moonachie – **Richard Behrens**, Chief of Police
- North Arlington – **Stephen Lolocono**, Borough Administrator
- North Bergen – **Janet Castro**, Town Administrator, and **Robert Farley**, Chief NBPB
- Ridgefield Borough – **Joe Greco**, OEM Director, and **Kenny Sheridan**, Deputy Chief of Police
- Rutherford – **Robert Kakolesski**, Borough Administrator, and **Anthony Bachmann**, Traffic Bureau Coordinator
- Secaucus – **Lieutenant Martin Moreda**, Director of Traffic Bureau
- South Hackensack – **Michael J. Ward**, OEM/Safety Coordinator, and **Robert Chinchar**, Police Chief
- Teterboro – **Nicholas Saros**, Municipal Manager

Counties

- Bergen County – **Peter Kortright**, Principal Planner
- Hudson County – **Francesca Giarratana**, Dept. Deputy Director

Transportation Agencies

- EZ Ride – **Avnish Gupta**, COO & General Counsel
- PANYNJ – **Kevin Walkes**, Traffic Engineer
- NJSEA – **Christopher Stefanacci**, Director of Public Safety
- NJ Turnpike Authority (NJTA) – **Janet Sharkey**, Supervising Engineer, Traffic
- NJTPA – **Lois Goldman**, Director of Long-Range Transportation Planning
- NJ TRANSIT – **Michael Viscardi**, Director Programmatic Planning

Non-Profit Organizations & Businesses

- Bike North Bergen – **Johan Andrade**, President
- Hackensack Meridian Health – **Elizabeth Koller**, VP Administrator IHSC Operations
- Hartz Mountain Industries – **Grant Lewis**, VP of Site Development and Engineering
- HRP Group – **Jeremy Grey**, Executive VP of Industrial Development
- Kearny Public Schools – **Mark Bruscino**, Director of Operations
- Meadowlands Chamber of Commerce – **James Kirkos**, CEO, and **Judy Ross**, Senior Director of Operations
- NJ Bike Walk Coalition – **Debra Kagan**, Executive Director

Agenda

SAFE STREETS FOR ALL



MEADOWLANDS ACTION PLAN FOR SAFETY
(MAP4S)

- Project Objective
- STF Role, Meetings
- Community Outreach Plan
- Preliminary Data Analysis & Findings
 - Equity
 - Crashes
- Next Steps

MAP4S Objective

*“To develop the first **Safety Action Plan** for the **Meadowlands District** and help constituent municipalities understand their safety needs, prioritize proposed safety projects for implementation, and develop a blueprint with **Vision Zero** principles.”*

Safety Task Force (STF)

Role:

- Participate in STF meetings and surveys
- Provide input on topics concerning the project
- Provide feedback on planned community engagement activities and assist in outreach facilitation
- Identify local stakeholders for additional input
- Provide feedback on project materials, safety recommendations, and SAT
- Provide feedback on final report

Meeting #1 – March 2024

- Kickoff meeting to introduce project, desired outcomes, outreach activities

Meeting #2 – Today

- Outreach plan, Preliminary data findings

Meeting #3 – September/October 2024

- Outreach findings, High Injury Network, countermeasures toolkit

Meeting #4 – March 2025 (in-person)

- List of recommended safety projects and prioritization methodology

Meeting #5 – May 2025

- Policy assessment

Meeting #6 – June 2025

- Safety Assessment Tool

Meeting #7 – July 2025

- Final presentation



Community Outreach Plan

Pop-Up Events

- 5 pop-up events (7 proposed)
- ~2 hours each
- June-November 2024
- Even split between Bergen and Hudson Counties
- Various locations to ensure diverse feedback with emphasis on underserved communities
- Aims to gather public input about safety concerns, in a dynamic and interactive way



Pop-Up Events

Pop-up events in/near underserved communities prioritized:

- Walmart (Kearny) – July
- Laurel Hill Park (Secaucus) – August/September
- HRP Hudson Logistics Park (Jersey City) – September
- Tonnelle Avenue HBLR Station (North Bergen) – September

Potential additional pop-up events:

- National Night Out (location TBD) – August 6
- 17 Farmers Market (East Rutherford) – June
- Mobile Pop-up Event (location TBD) – September



Focus Groups

- Collaborative dialogue with small groups about specific safety challenges/opportunities
 - Administrators, Engineers, and Planners from Constitute municipalities and Public Agencies
 - Non-Profits, Community Groups, Business Owners, developers, and Business Association Representatives
 - Educational Institutions
 - Law Enforcement & Emergency Responders (Police/Fire/Hospitals/OEM)

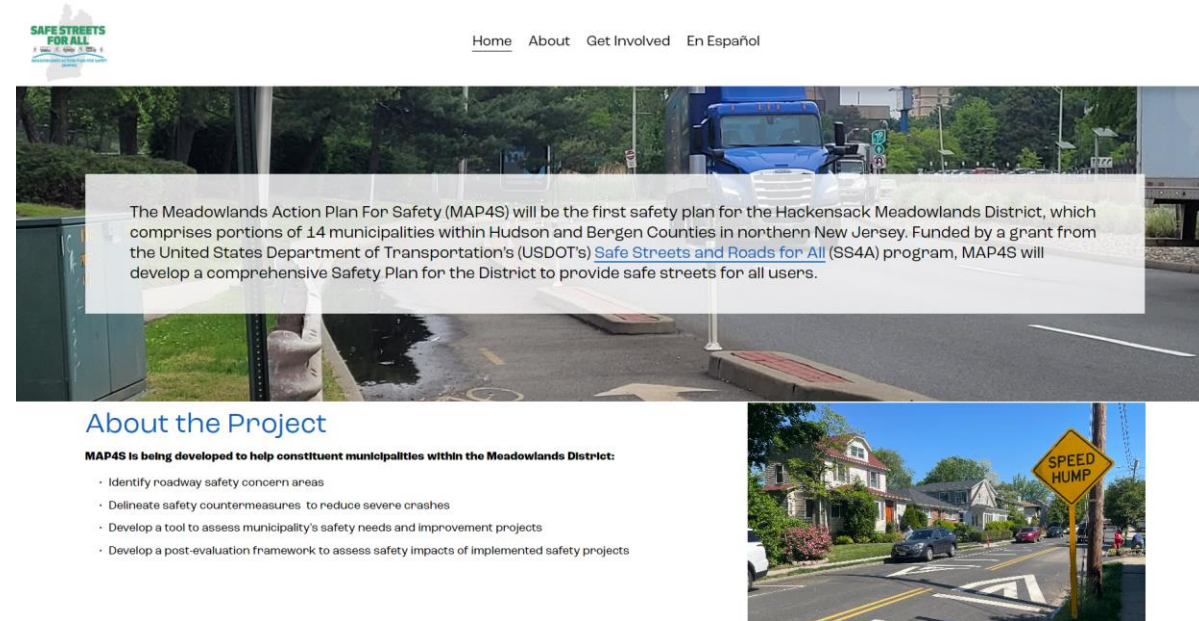


Focus Groups

- Virtual meetings in October 2024
- Discussion themes include:
 - Safety issues and improvement strategies from 5 Es
 - Safe employment access
 - Collaboration opportunities
 - Improving connectivity and accessibility
 - Next steps and future updates
- Email invitations to be sent after Labor Day
- Suggestions for participants requested from STF



- Content includes:
 - Background on MAP4S
 - Vision and goals
 - Timeline and FAQs
 - Engagement activities
 - Geospatial Outreach Tool
 - Documents and presentation materials
 - Contact us or ask questions

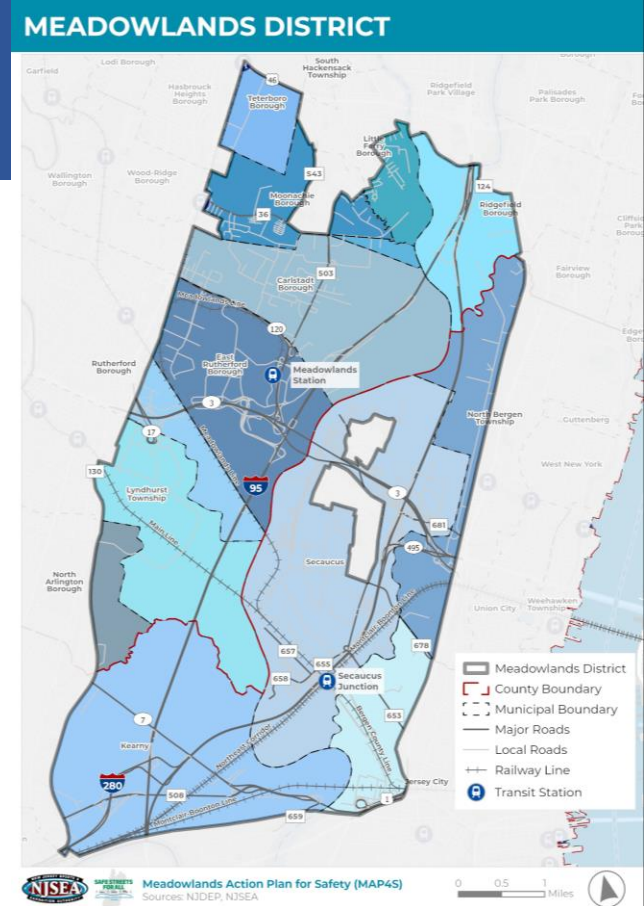


*Scan to view
the MAP4S
website* →



Geospatial Outreach Tool & Survey

- <https://bit.ly/map4ssurvey>
- Users pinpoint specific geographic locations in the Meadowlands District with safety concerns
- Users: the public, STF, and Focus Group members
- Accessible via MAP4S website
- Input stored in real-time



*Scan to view
the survey*

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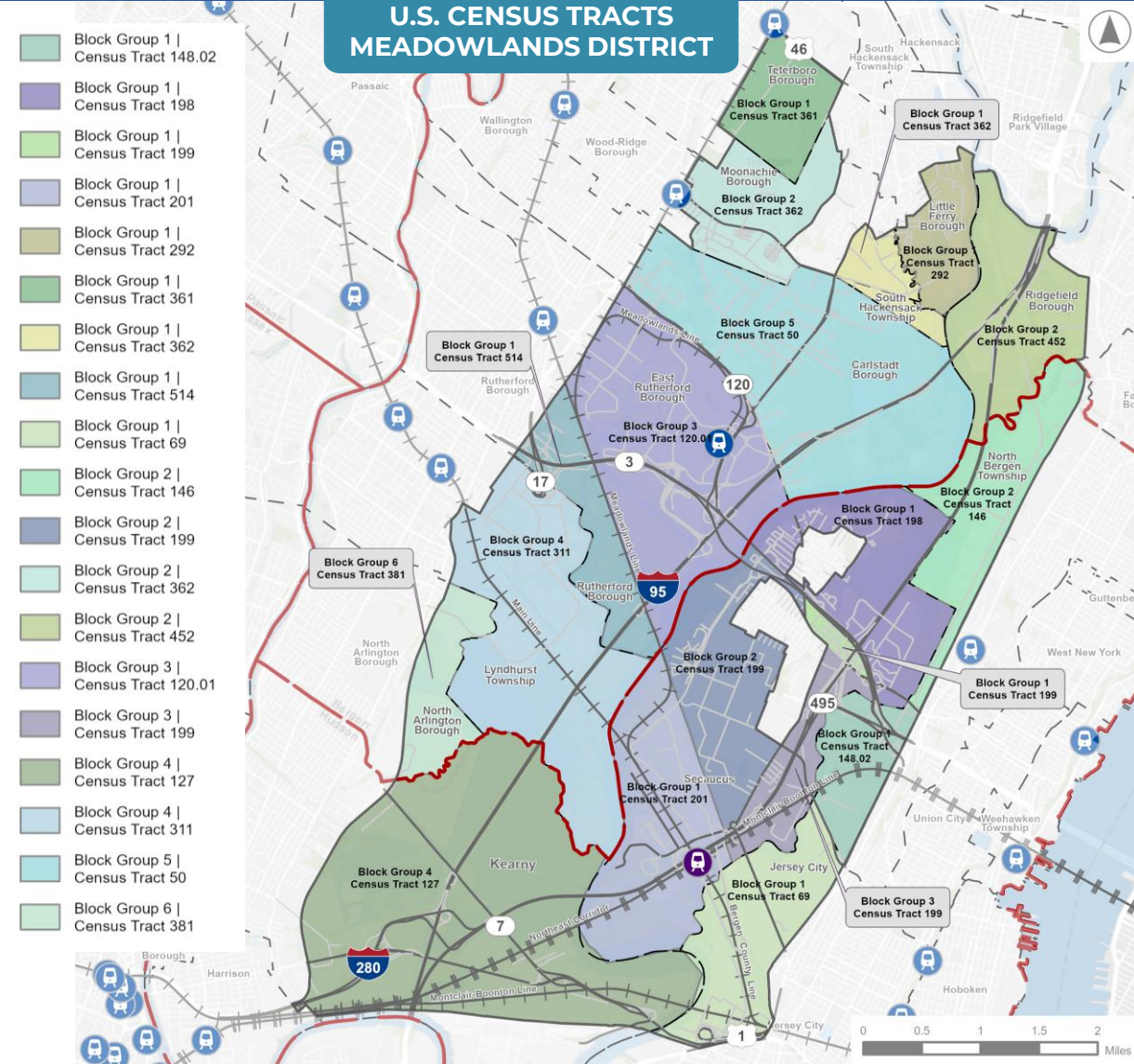




Equity Data

Equity Datasets

- [Justice40 Initiative](#)
- [NJTPA Equity Analysis Tool](#)
- Other background data:
 - USDOT ETC Explorer
 - USEPA EJ Screening Data
 - NJDEP Open Data
 - NJDCA Community Asset Map
 - FEMA Flood Hazard Datasets
 - NOAA Sea Level Rise



Equity Analysis - Justice40 Screening

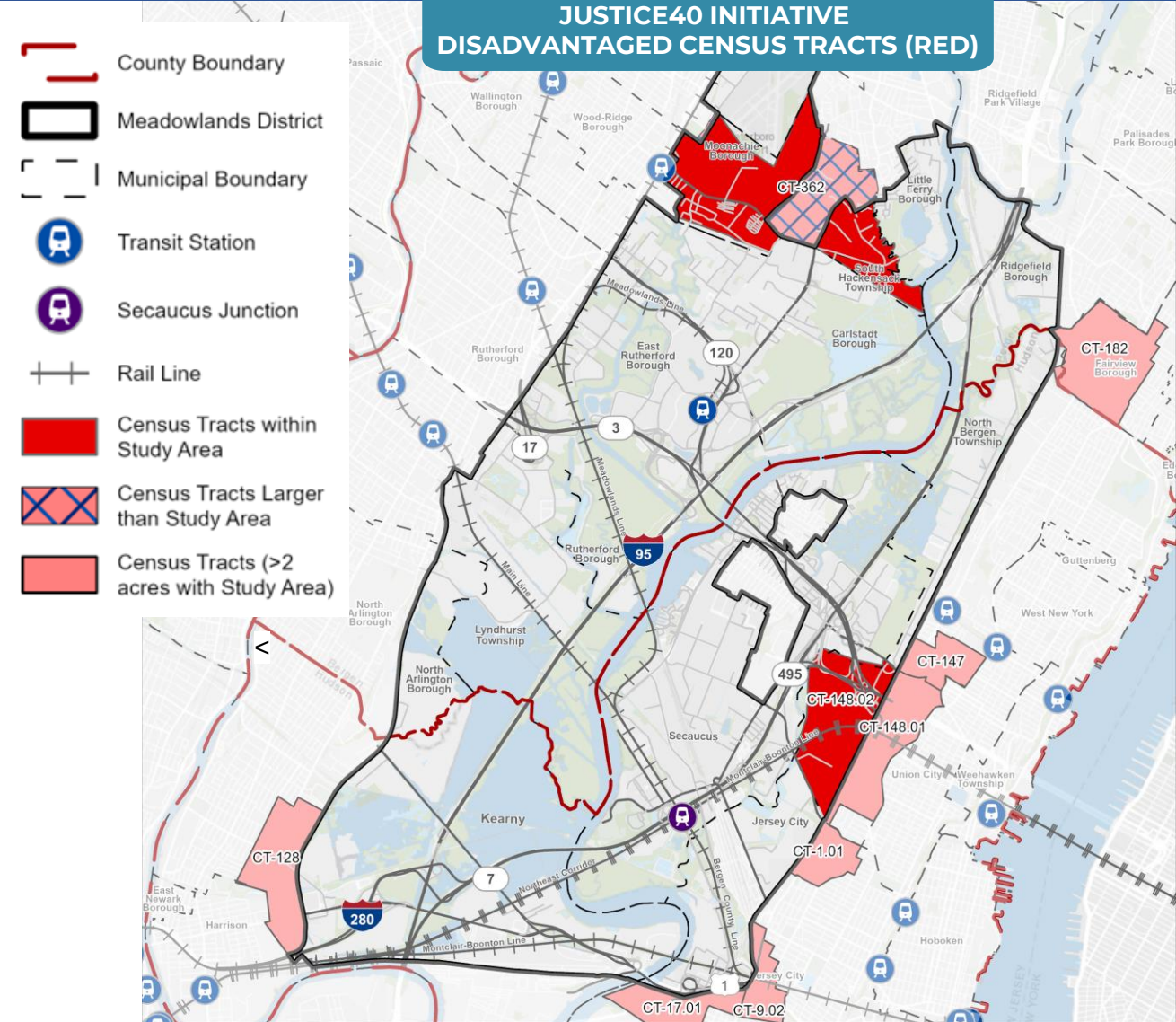
- Climate and Economic Justice (CEJ) Screening Tool

- Categories of Burdens

- Climate Change
- Energy
- Health
- Housing
- Legacy Pollution
- Transportation
- Water/Wastewater
- Workforce Development

- Equity Communities

- Moonachie
- North Bergen
- Kearny
- Jersey City
- Fairview

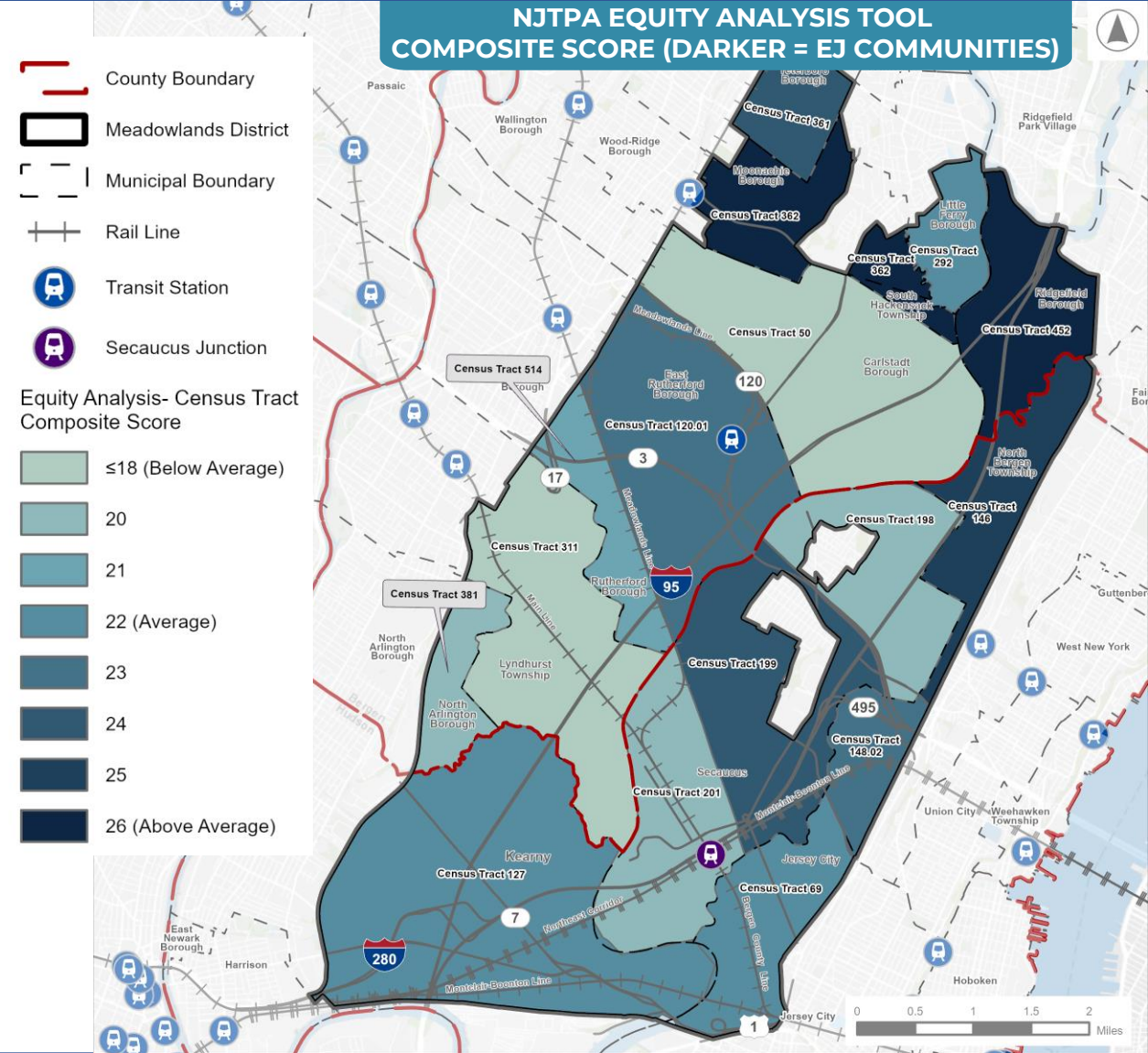


Equity Analysis - NJTPA Screening

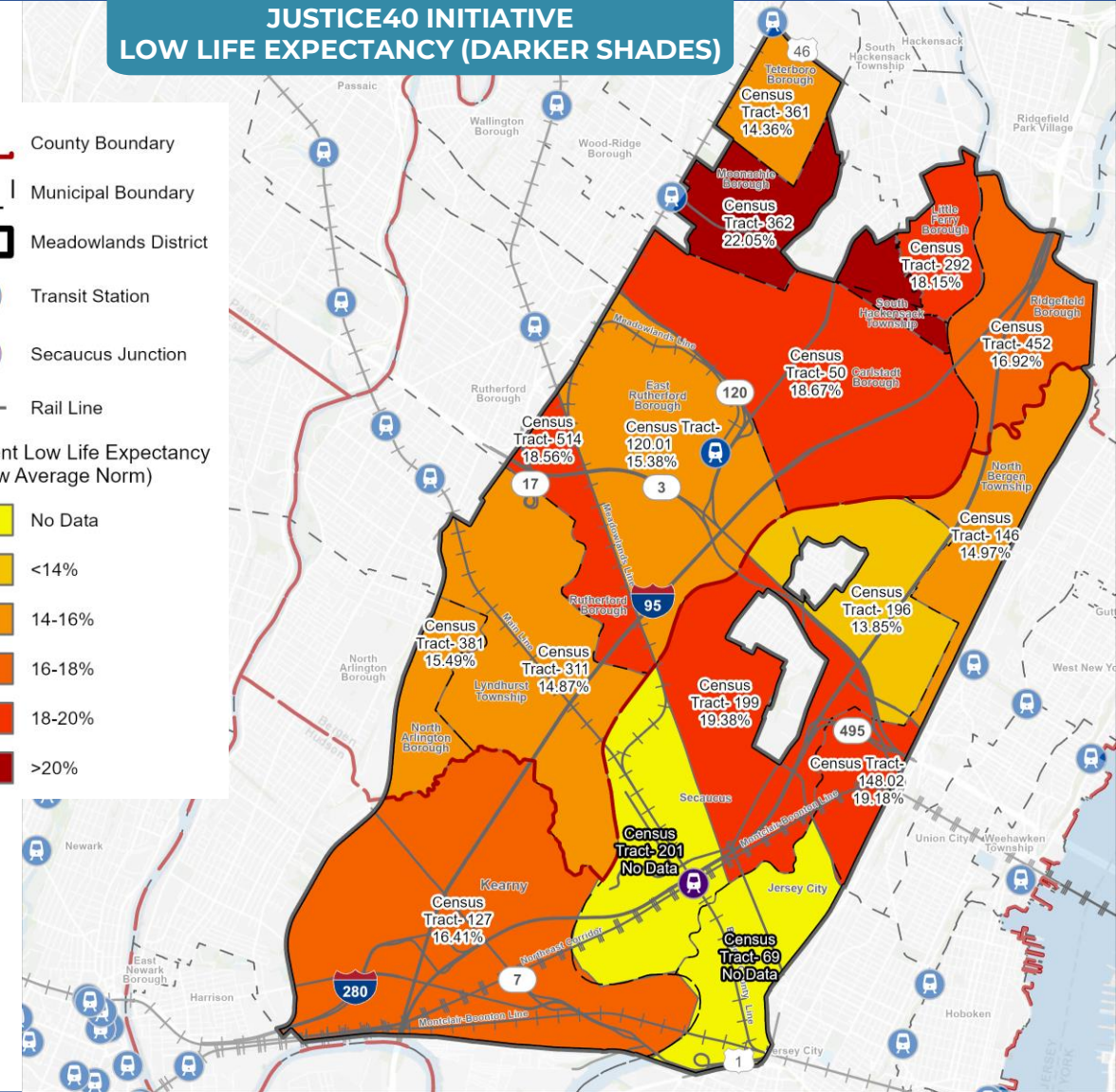
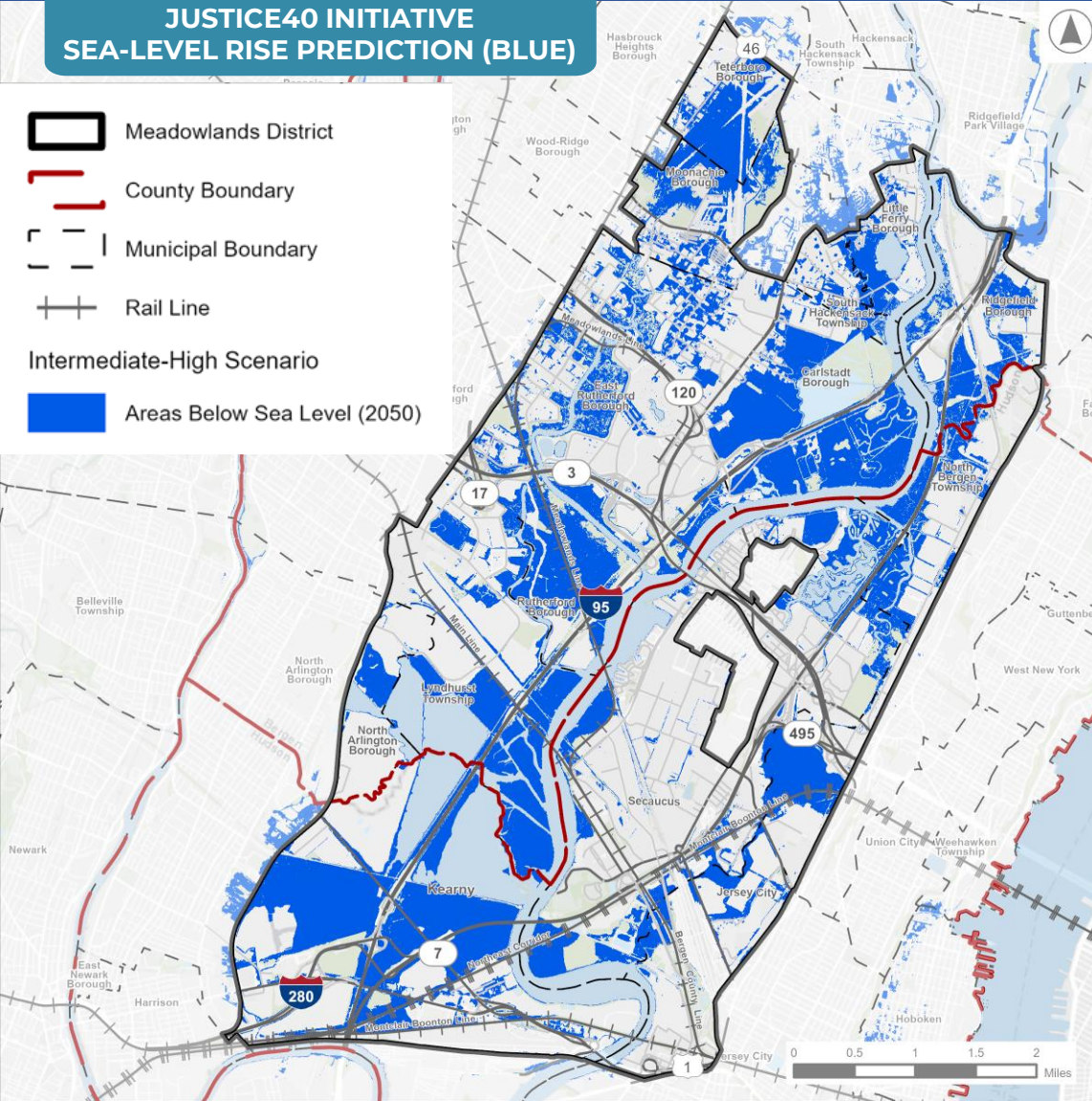
- NJTPA Equity Analysis
- Equity Communities:
 - Moonachie
 - Ridgely
 - North Bergen
- ACS Data, 5-yr ('18-'22)

Equity Factors

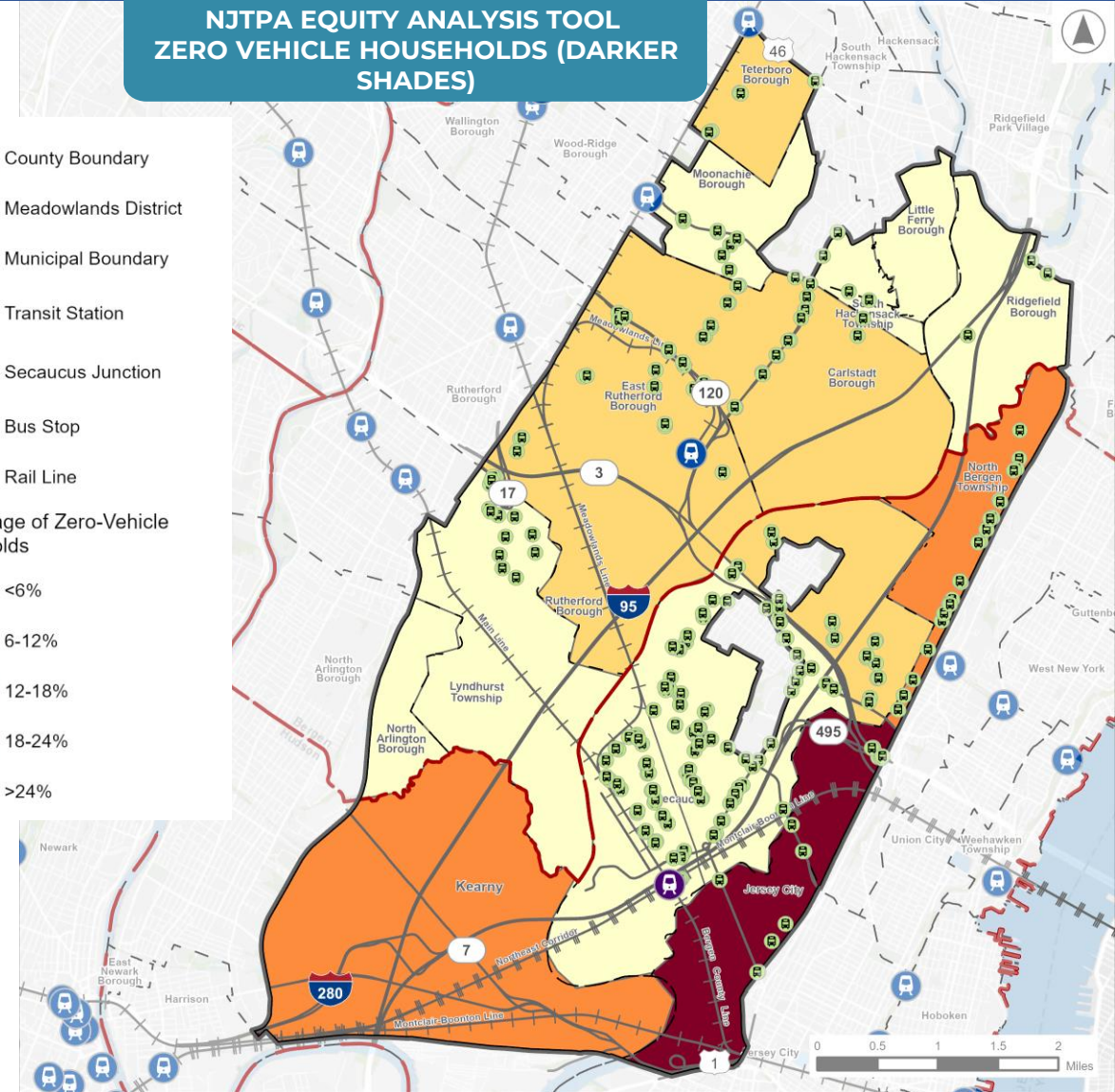
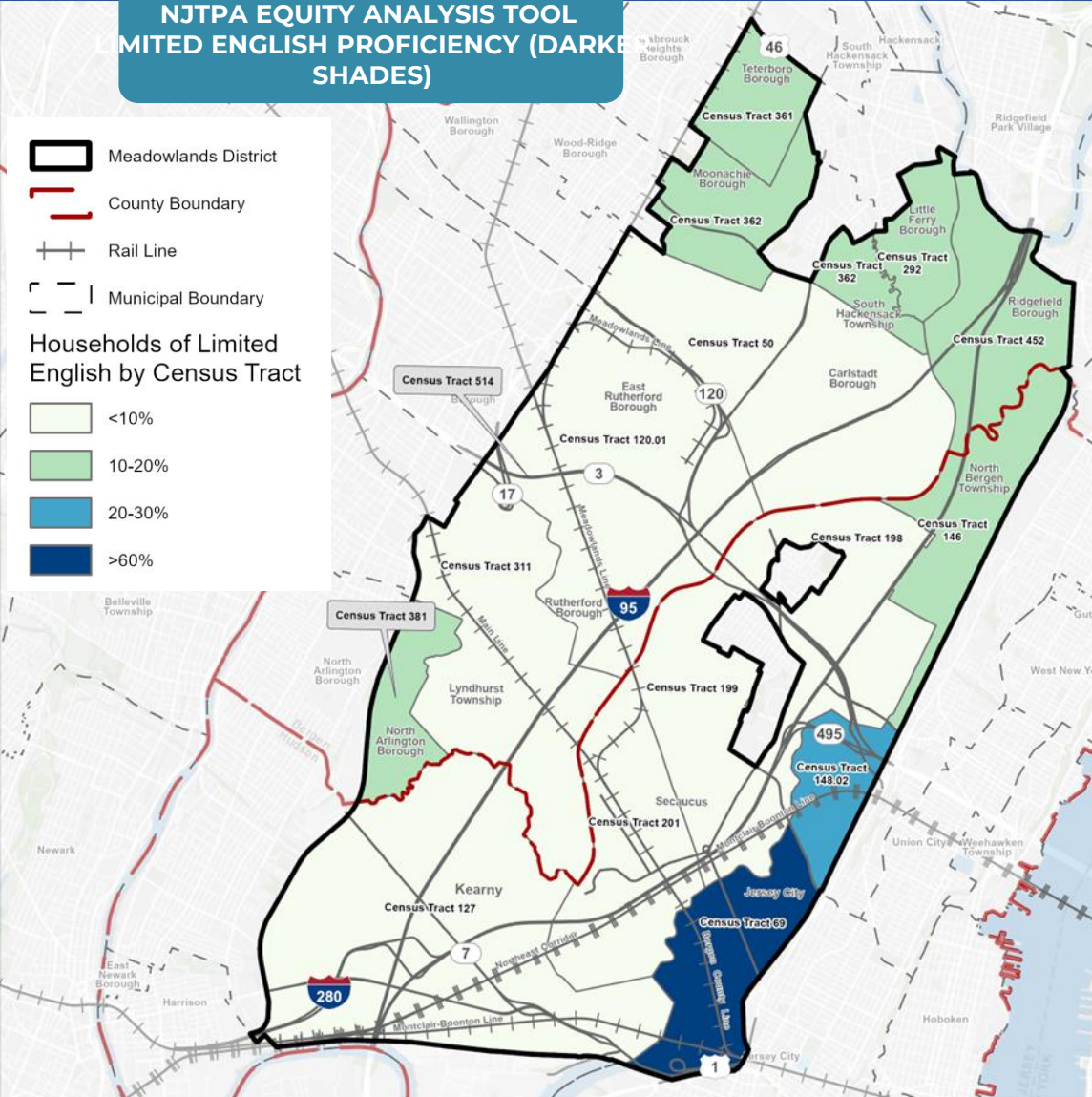
Factor 1: Minority	Factor 8: Foreign-Born
Factor 2: Low Income	Factor 9: Female Population
Factor 3: Limited English Proficiency	Factor 10: Zero-Vehicle Households (optional)
Factor 4: Disability	Factor 11: Educational Attainment (optional)
Factors 5, 6, & 7: Age	



Equity Analysis - Justice40 Various Factors



Equity Analysis - NJTPA Various Factors



Equity Population Takeaways

Moonachie

- Minority
- LEP
- Youth (5-17)
- Female

North Bergen

- **Elderly**
- Minority
- LEP
- Foreign-Born
- Zero-Vehicle

Ridgefield

- **LEP**
- Minority
- Female
- Foreign-Born

Kearny

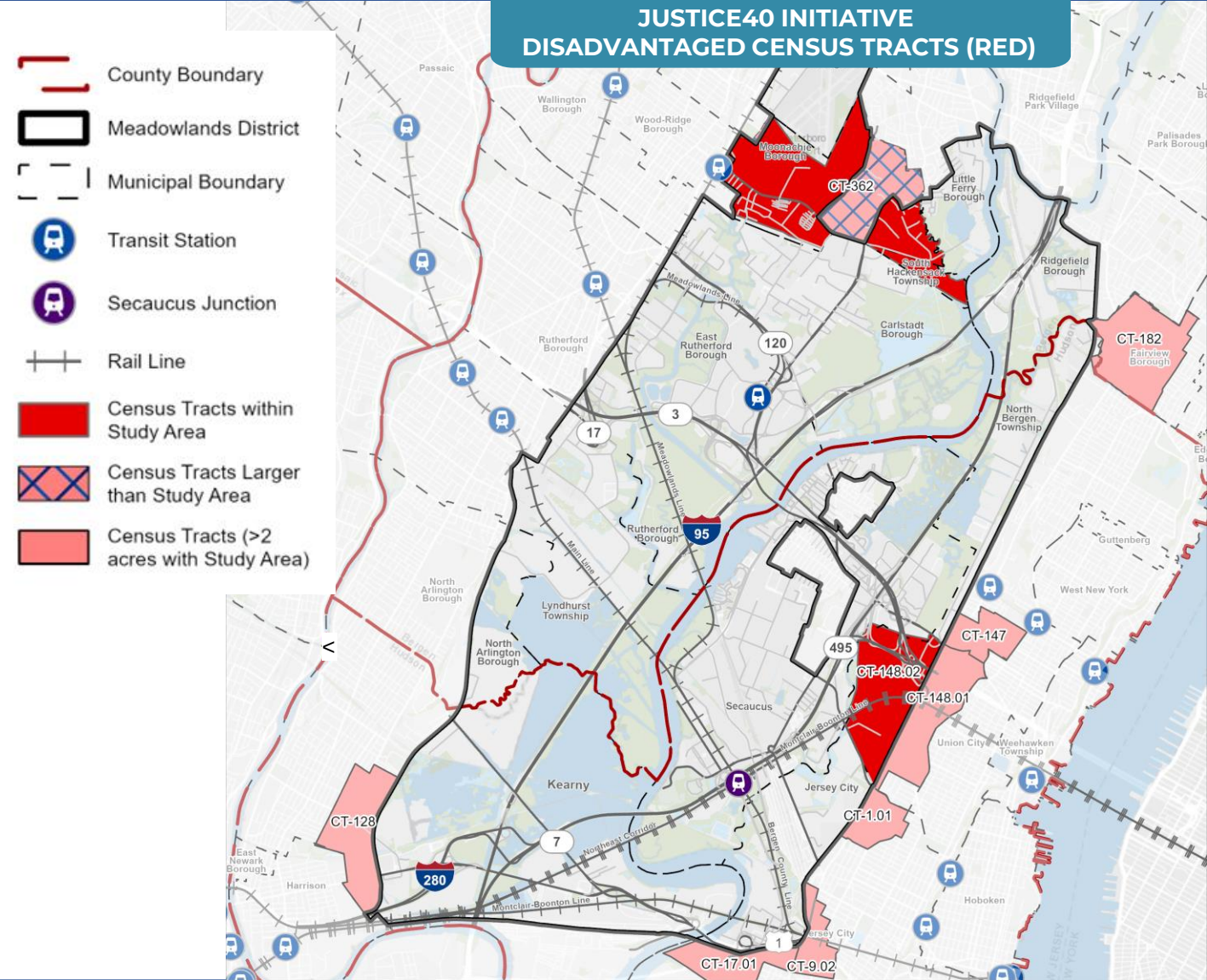
- Low Income
- Youth (Pre-K)
- Foreign-Born
- < H.S. Degree

Jersey City

- **Foreign-Born**
- **Zero Vehicle**
- Minority
- LEP
- Disabled
- Elderly
- Youth (Pre-K)

Fairview

- Minority
- Low Income
- Foreign-Born
- < H.S. Degree



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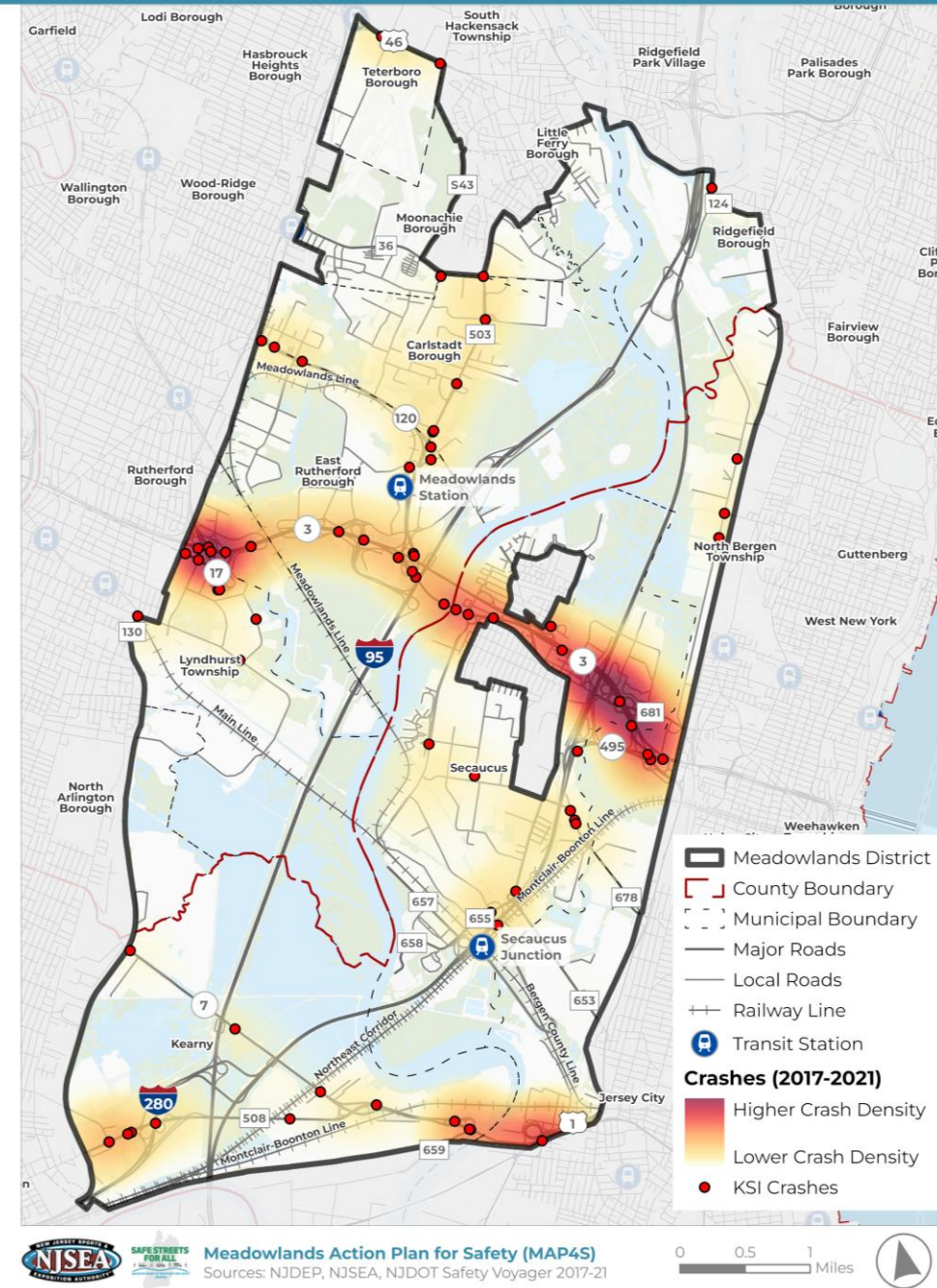


Crash Data

Crash Data Overview

- **Years:** 2017–2021
- **Sources:** Safety Voyager & Numetric
 - Safety Voyager used for geolocation and other primary data elements
 - Numetric used for data elements not easily accessible in SV (contributing circumstances, driver data, crash events)
 - Datasets linked for consistency
- **Network:** All roadways except Interstates

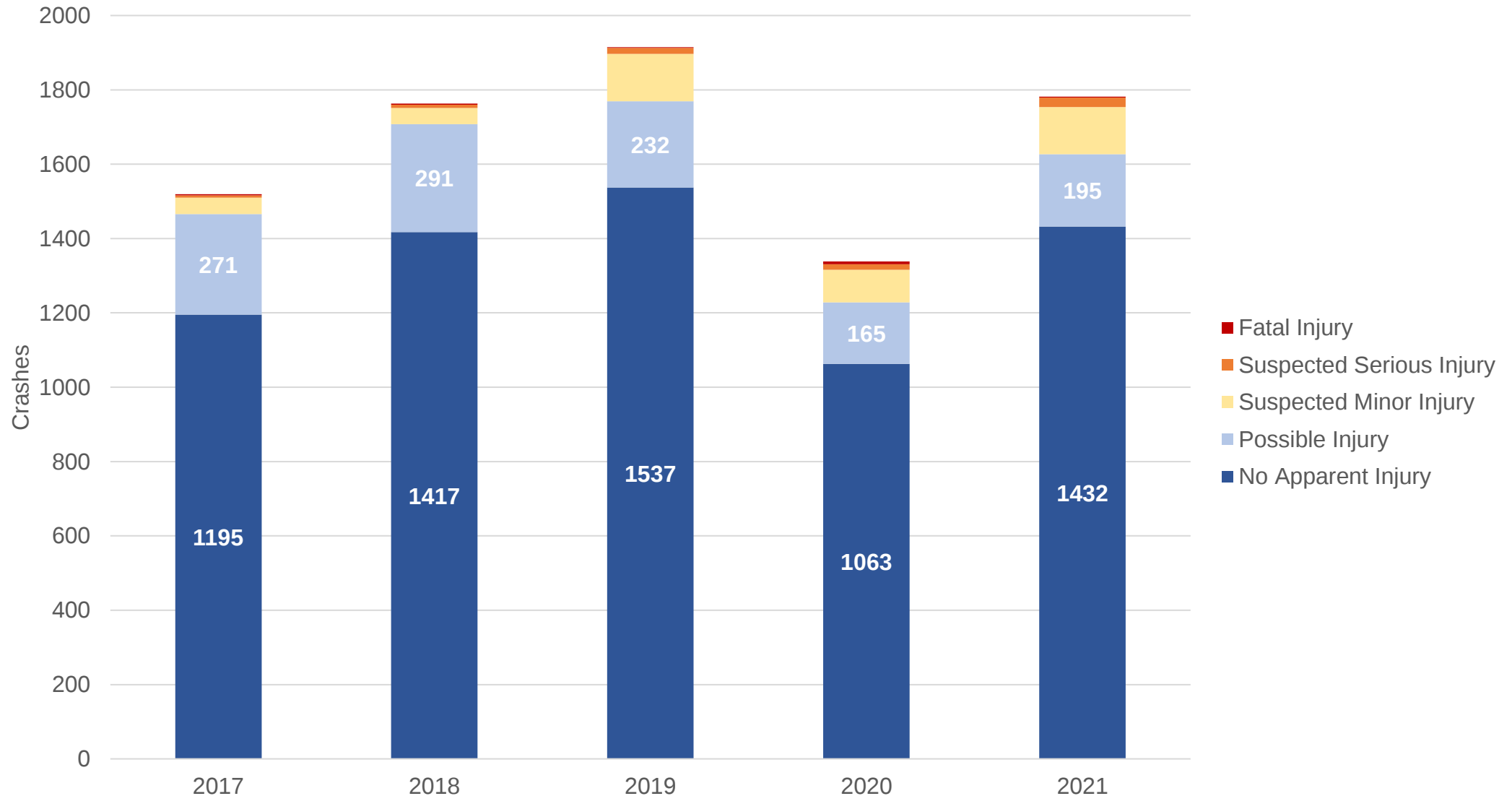
CRASH CONCENTRATIONS



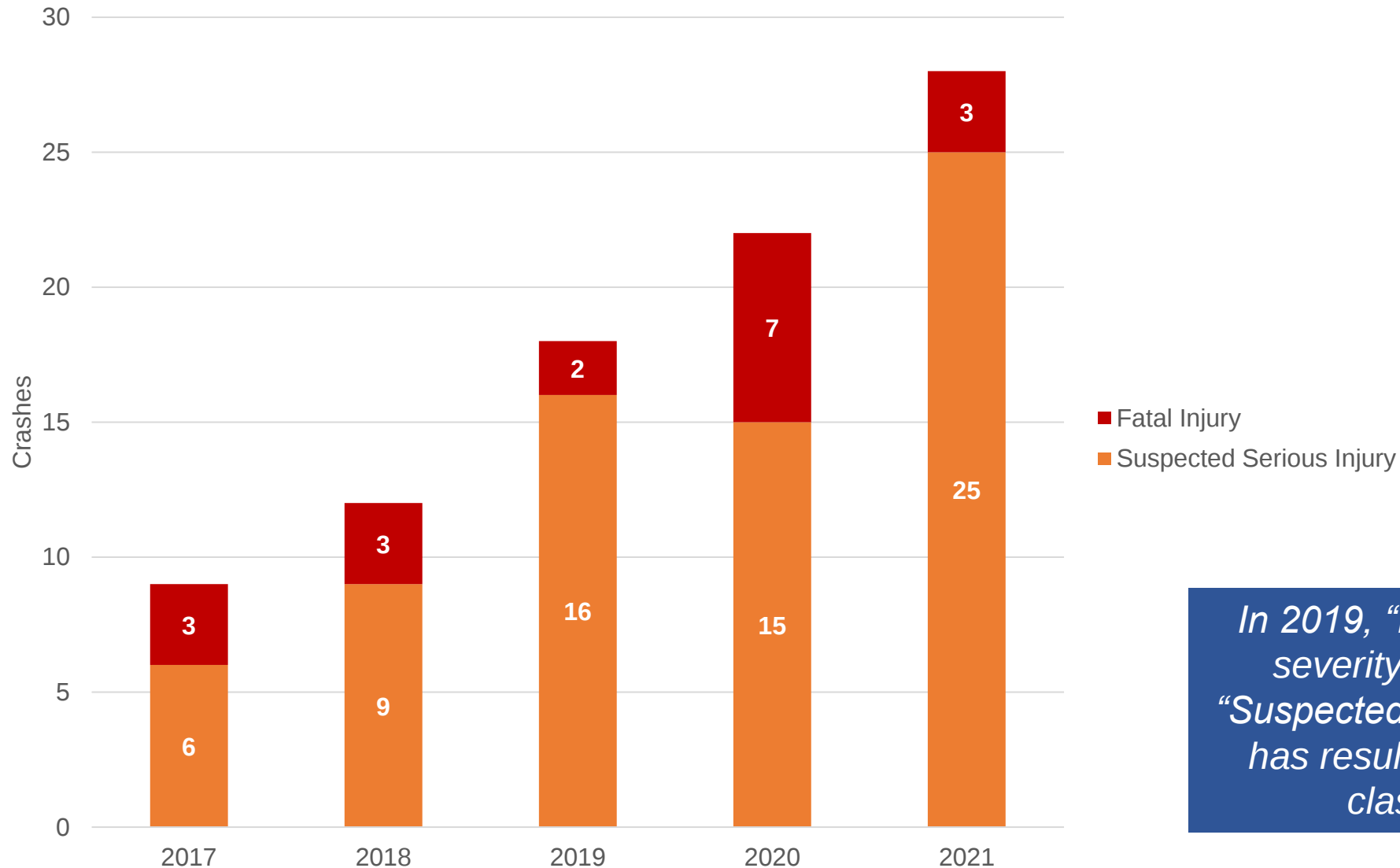
Crash Totals, 2017-2021

Crash Severity	Number
No Apparent Injury	6,644
Possible Injury	1,154
Suspected Minor Injury	430
Suspected Serious Injury	71
Fatal Injury	18
Total	8,317

Crashes by Year



KSI Crashes by Year



In 2019, “Incapacitation” crash severity was redesignated “Suspected Serious Injury” which has resulted in more crashes classified as SSI.

Crashes by Municipality

Municipality	Roadway Miles (all)	Total Crashes	% of Crashes	Total Crashes per Mile	KSI Crashes	% of KSI Crashes	KSI Crashes per Mile
Carlstadt Boro	24	649	8%	27	9	10%	0.4
East Rutherford Boro	9	1025	12%	114	16	18%	2
Jersey City	13	627	8%	48	3	3%	0.2
Kearny Town	33	1055	13%	32	13	15%	0.4
Little Ferry Boro	5	50	1%	10	0	0%	0.0
Lyndhurst Twp	9	369	4%	41	7	8%	1
Moonachie Boro	11	82	1%	7	1	1%	0.1
North Arlington Boro	1	1	0%	1	0	0%	0.0
North Bergen Twp	14	805	10%	59	8	9%	1
Ridgefield Boro	13	60	1%	5	1	1%	0.1
Rutherford Boro	9	688	8%	76	7	8%	1
Secaucus Town	68	2712	33%	40	18	20%	0.3
South Hackensack Twp	0.2	23	0.3%	131	0	0%	0.0
Teterboro Boro	3	171	2%	57	6	7%	2
Grand Total	213	8317	100	39	89	100	0.4

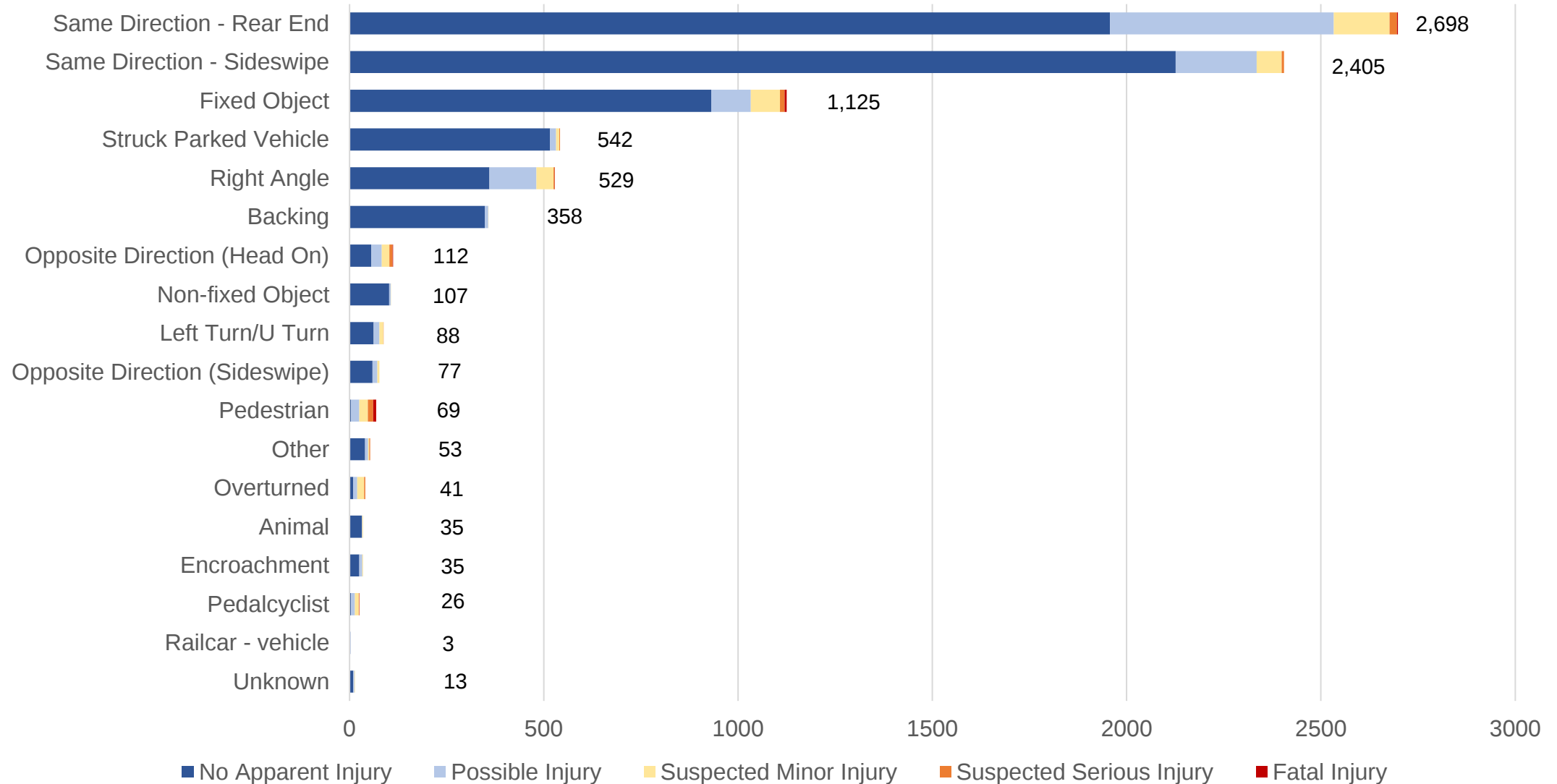
KSI Crashes by Municipality & Roadway Jurisdiction

Municipality	State Highway	County	Municipal	Private Property	State/Interstate Authority	U.S. Government Property	Total
Carlstadt Boro	2	7	0	0	0	0	9
East Rutherford Boro	15	0	1	0	0	0	16
Jersey City	1	1	0	0	1	0	3
Kearny Town	6	5	0	1	0	1	12
Little Ferry Boro	0	0	0	0	0	0	0
Lyndhurst Twp	4	0	3	0	0	0	7
Moonachie Boro	0	1	0	0	0	0	1
North Arlington Boro	0	0	0	0	0	0	0
North Bergen Twp	3	0	3	0	2	0	8
Ridgefield Boro	0	0	1	0	0	0	1
Rutherford Boro	7	0	0	0	0	0	7
Secaucus Town	8	4	5	1	0	0	18
South Hackensack Twp	0	0	0	0	0	0	0
Teterboro Boro	6	0	0	0	0	0	6
Grand Total	52	18	13	2	3	1	89

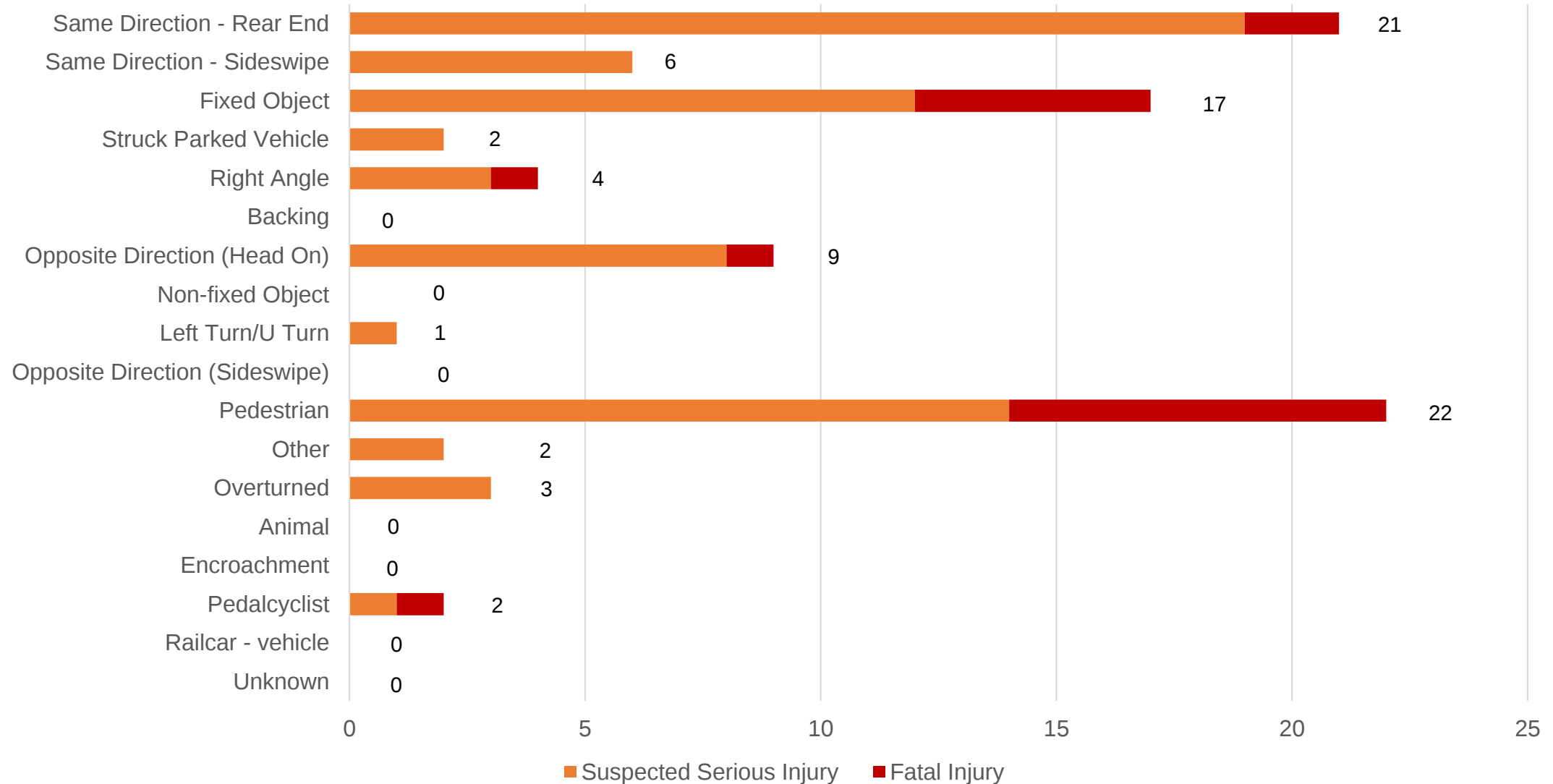
Pedestrian & Bicyclist KSI Crashes by Municipality

Municipality	Pedestrian		Bicyclist		Total
	Suspected Serious Injury	Fatal Injury	Suspected Serious Injury	Fatal Injury	
Carlstadt Boro	2	2	1	1	6
East Rutherford Boro	1	1	0	0	2
Jersey City	2	2	0	0	4
Kearny Town	2	2	0	0	4
Little Ferry Boro	0	0	0	0	0
Lyndhurst Twp	1	1	0	0	2
Moonachie Boro	0	0	0	0	0
North Arlington Boro	0	0	0	0	0
North Bergen Twp	1	1	0	0	2
Ridgefield Boro	1	1	0	0	2
Rutherford Boro	0	0	0	0	0
Secaucus Town	4	4	0	0	8
South Hackensack Twp	0	0	0	0	0
Teterboro Boro	0	0	0	0	0
Grand Total	14	14	1	1	30

Crashes by Type



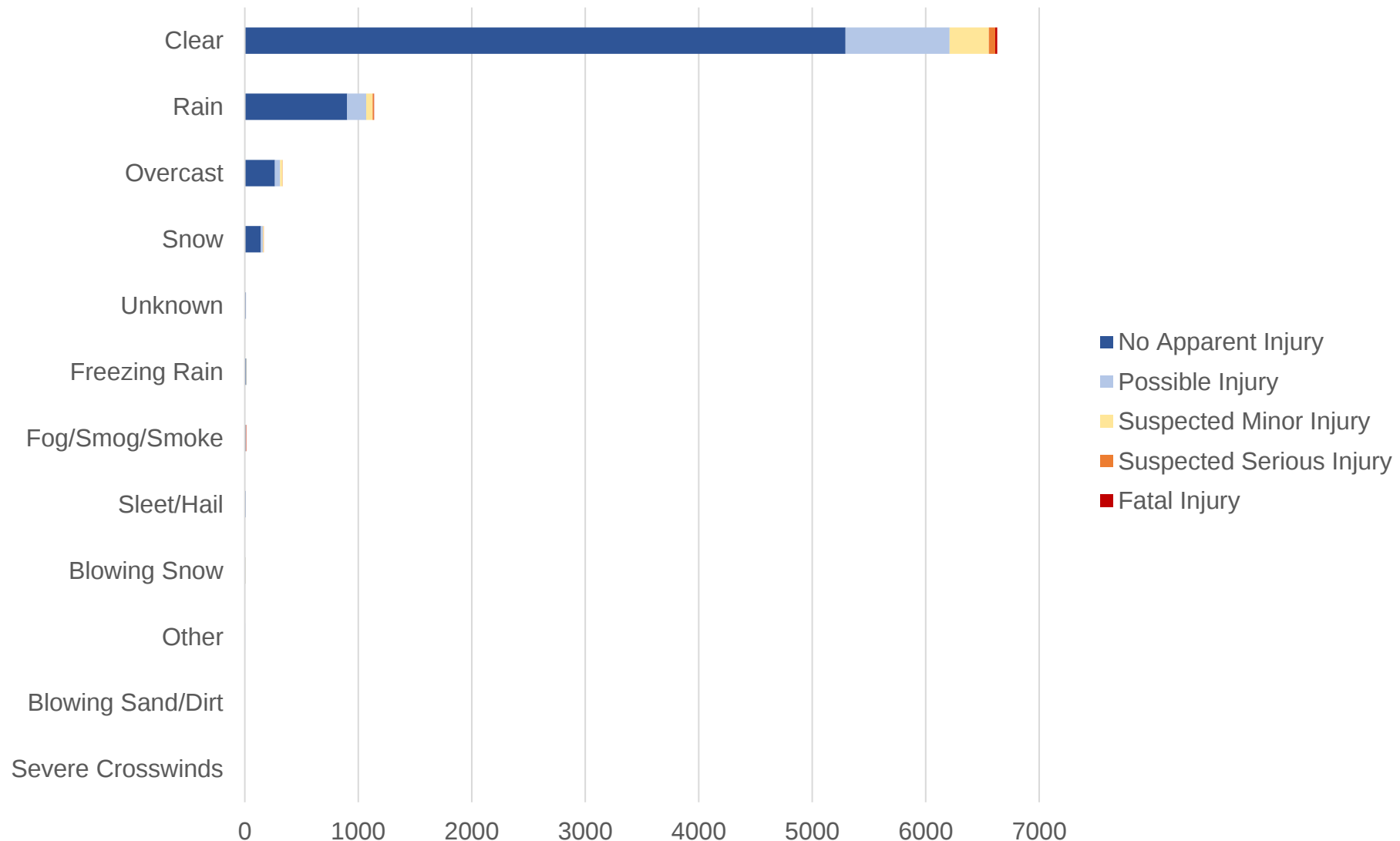
KSI Crashes by Type



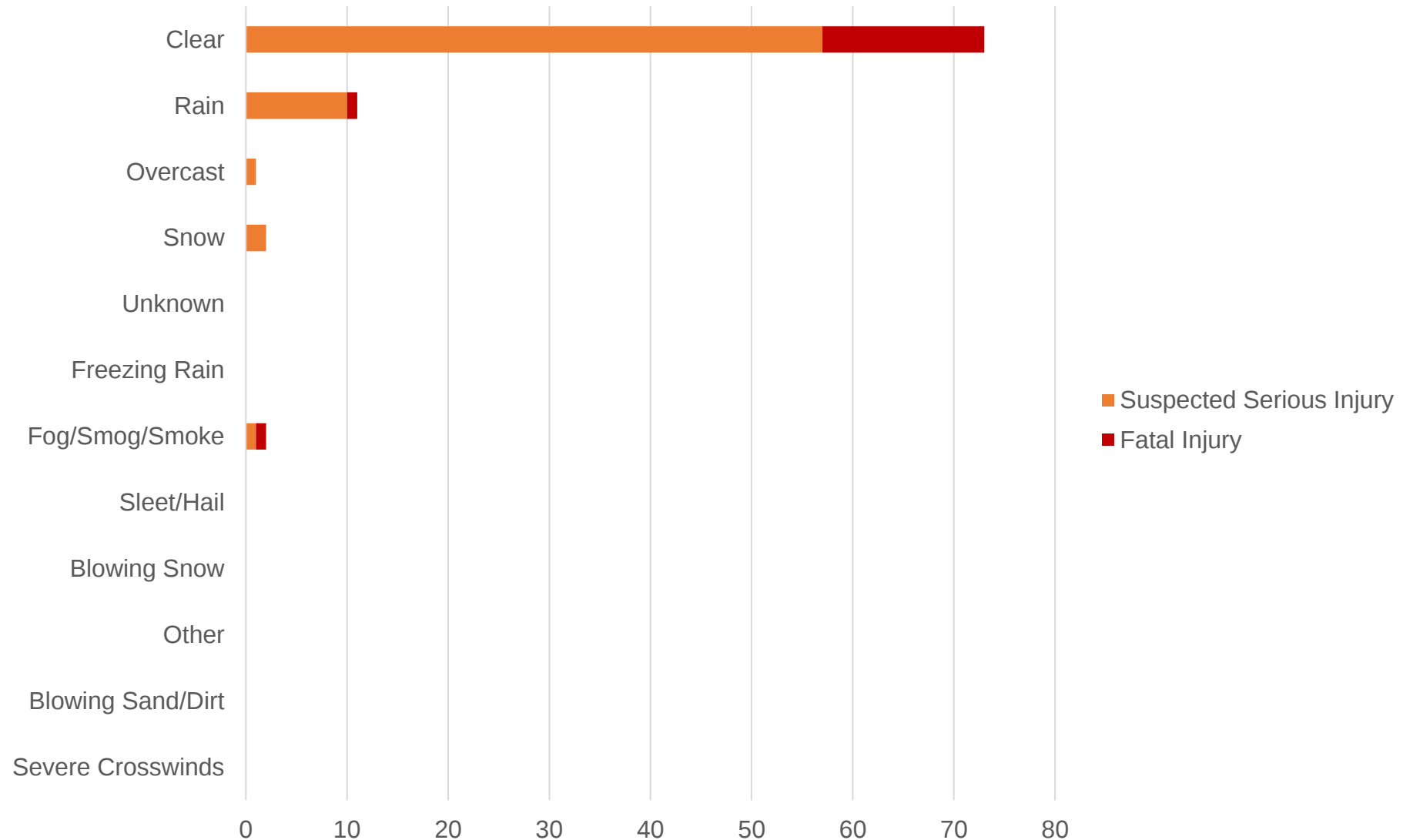
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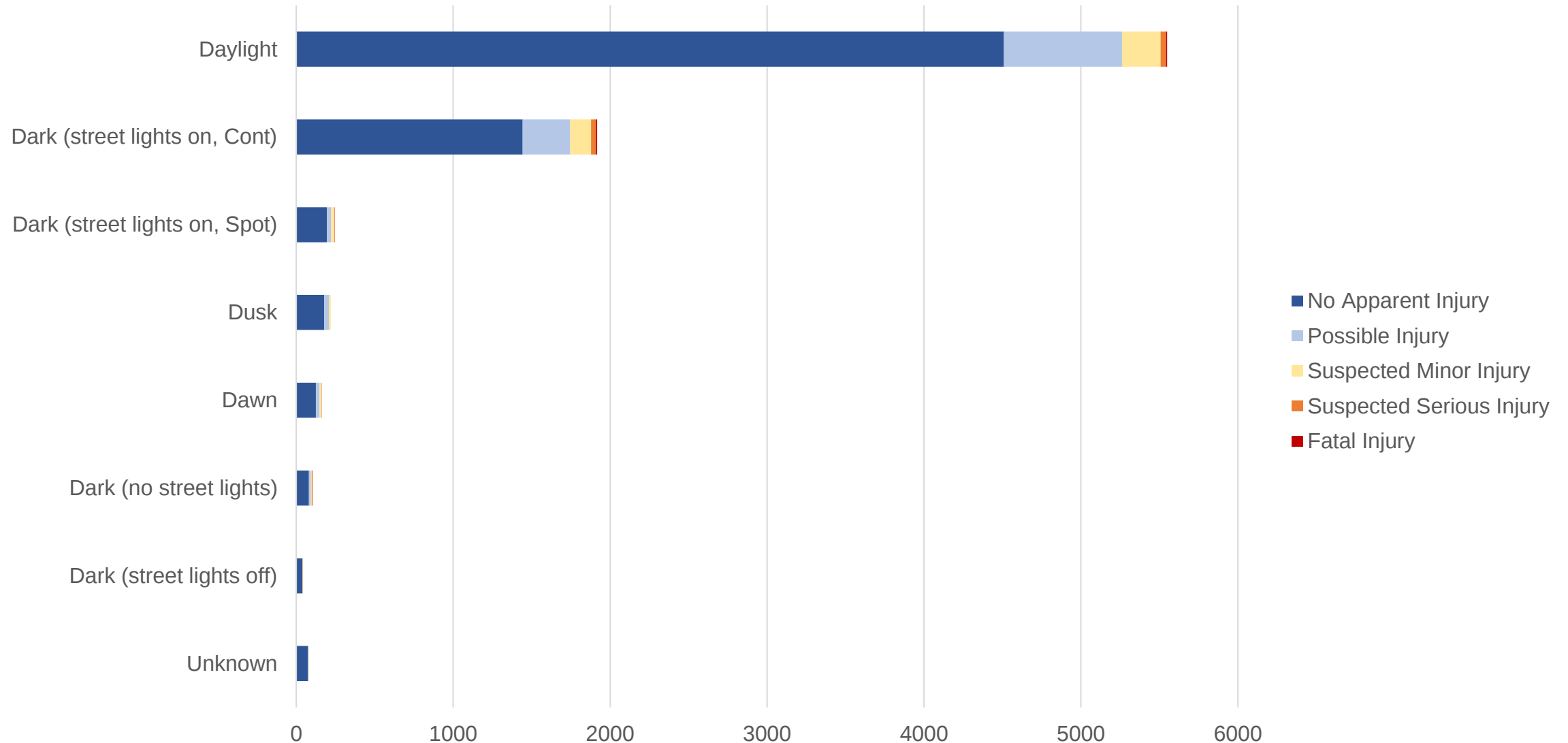
Crashes by Environmental Condition



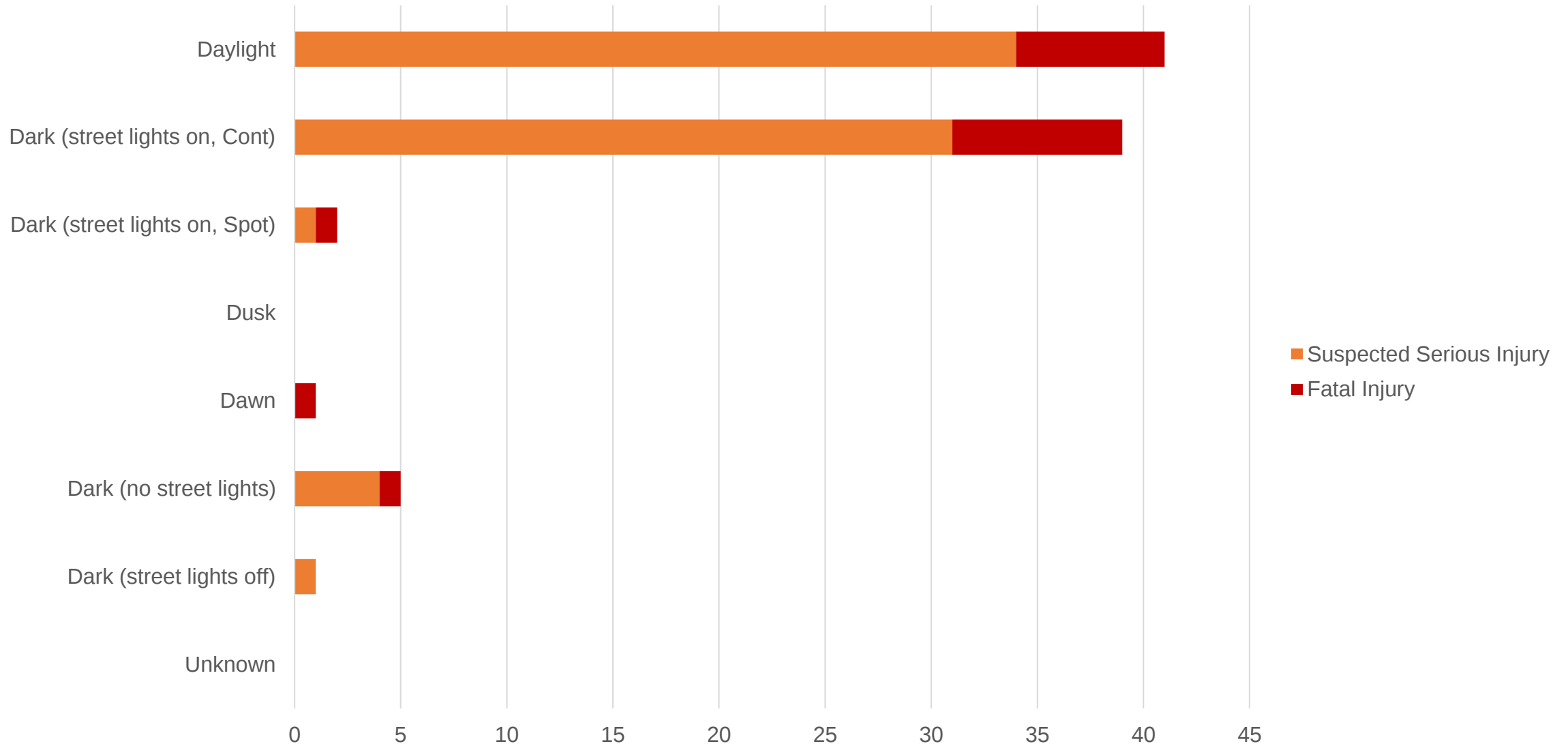
KSI Crashes by Environmental Condition



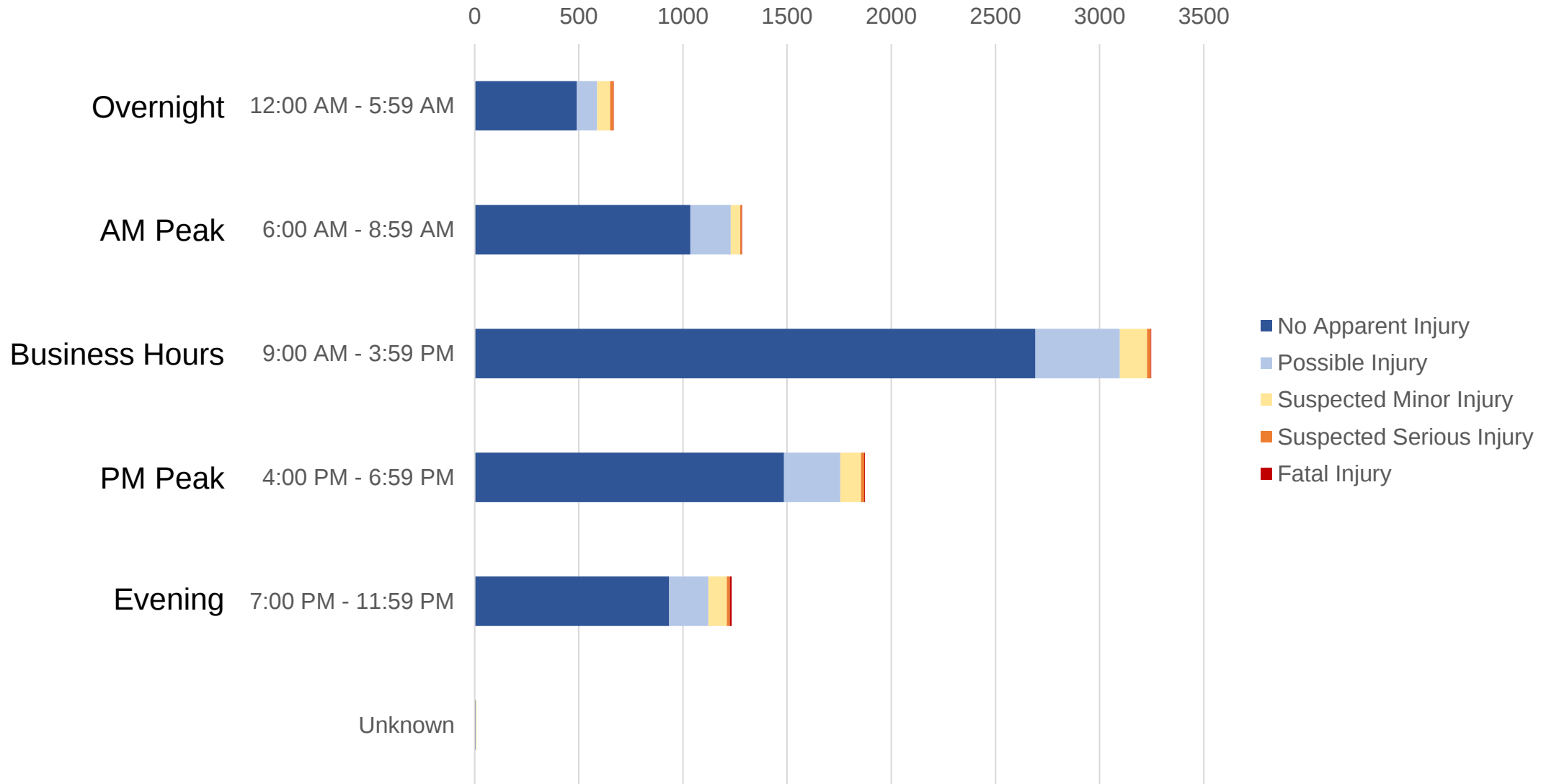
Crashes by Light Condition



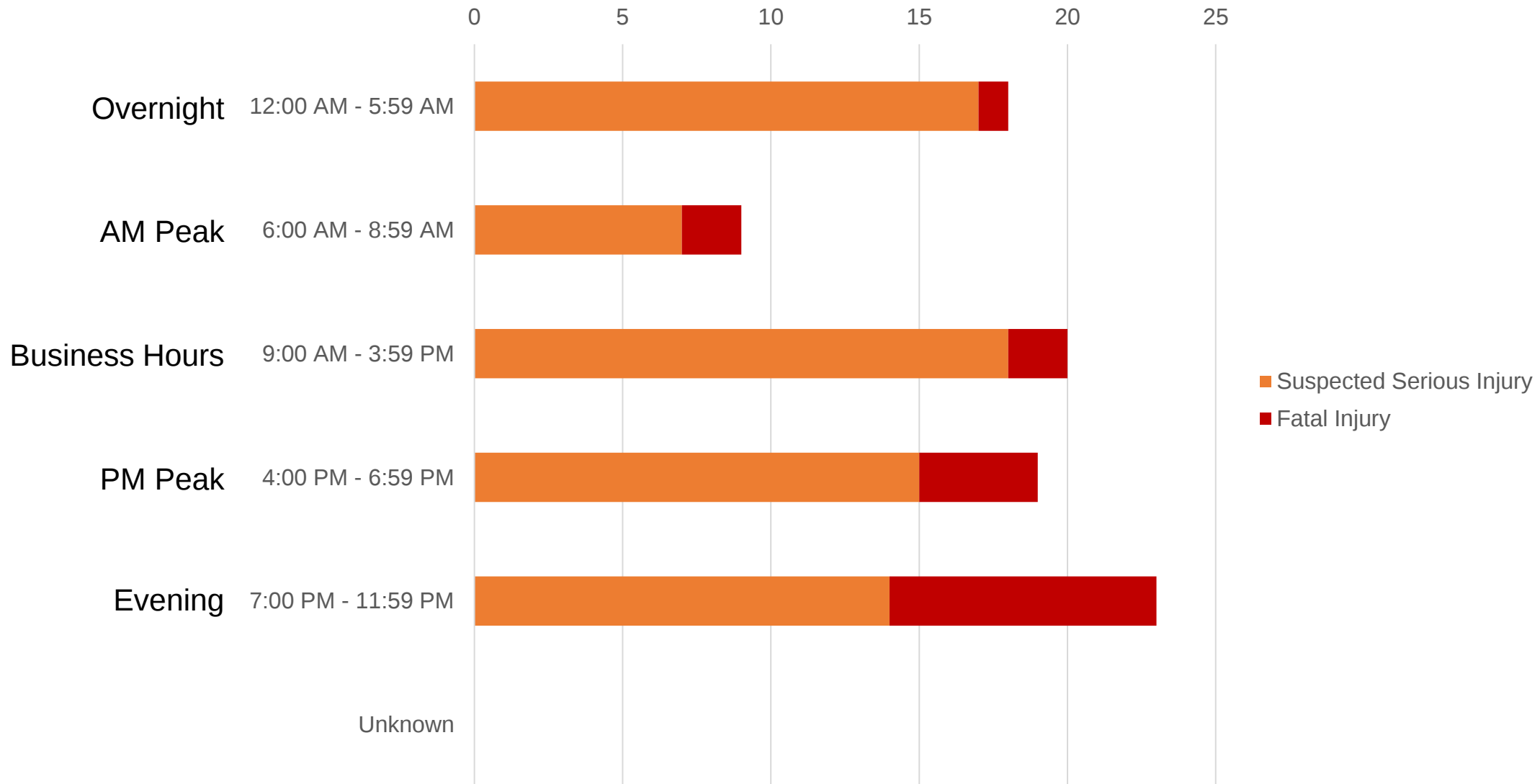
KSI Crashes by Light Condition



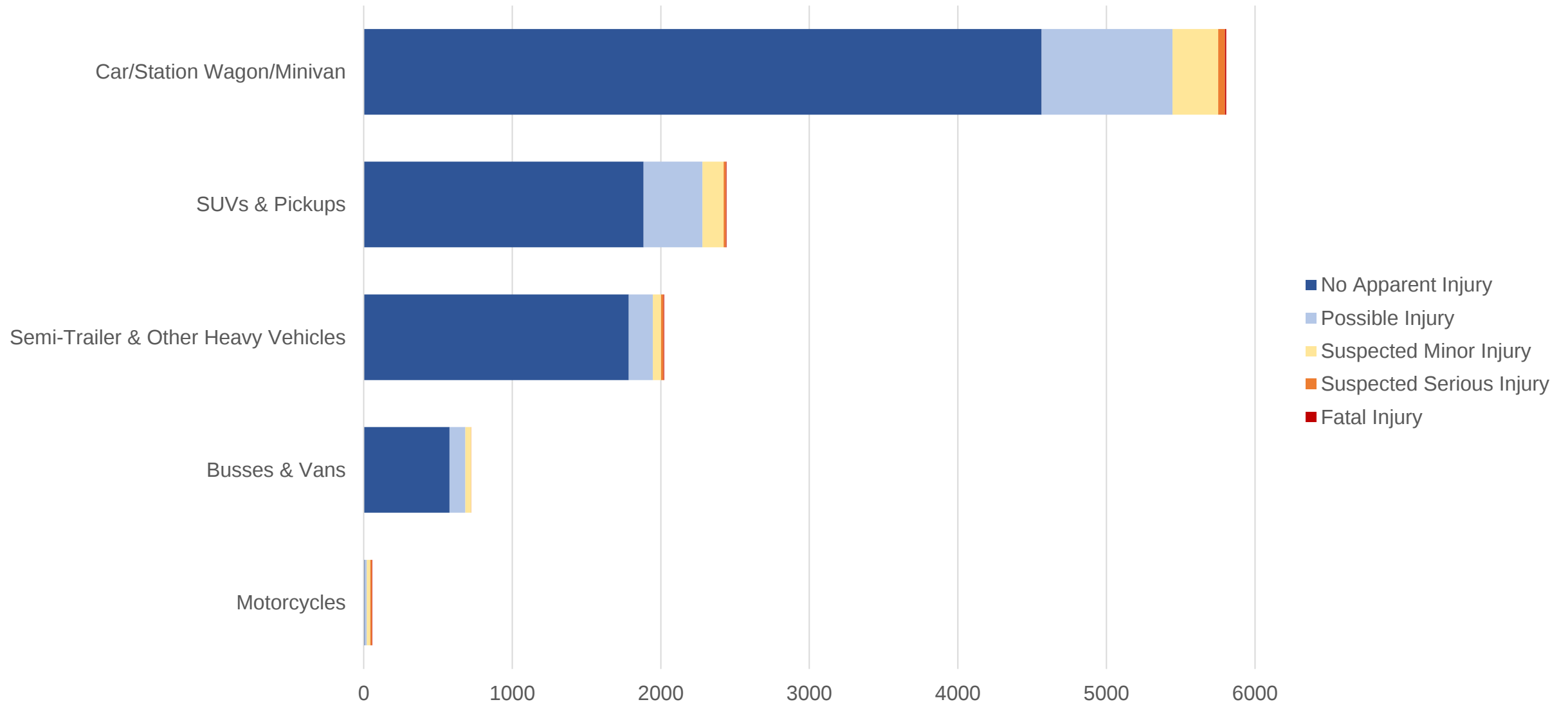
Crashes by Time of Day



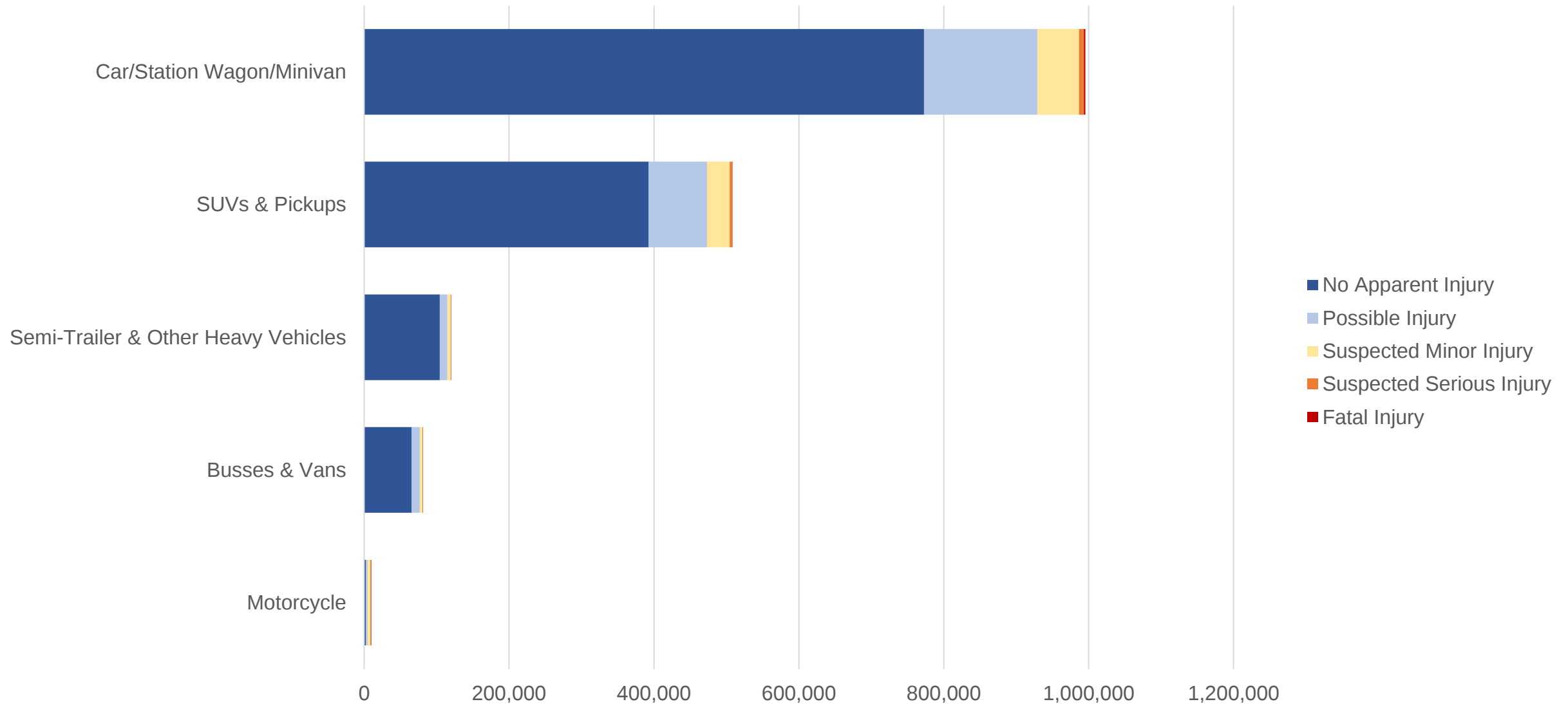
KSI Crashes by Time of Day



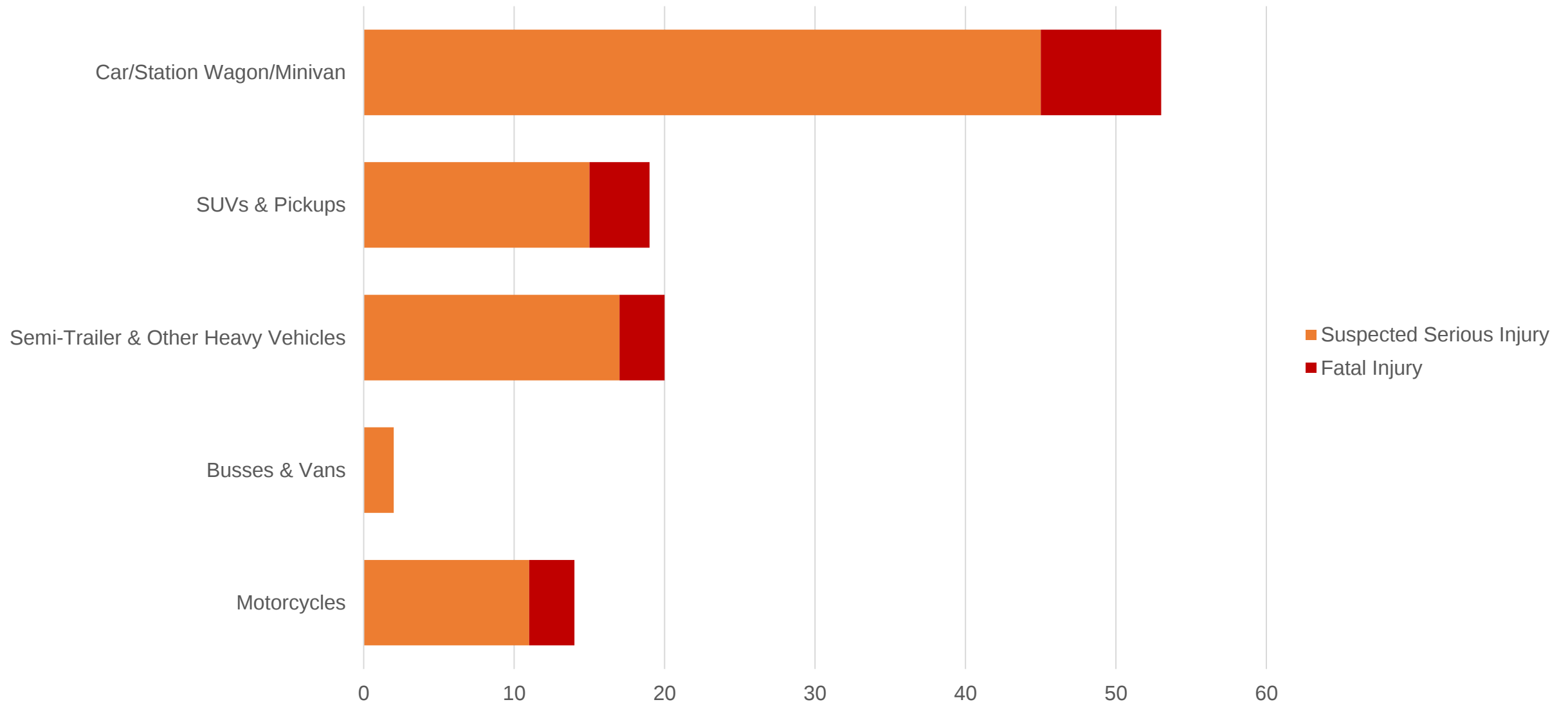
Vehicle Type in Crashes – Meadowlands District (Categorized)



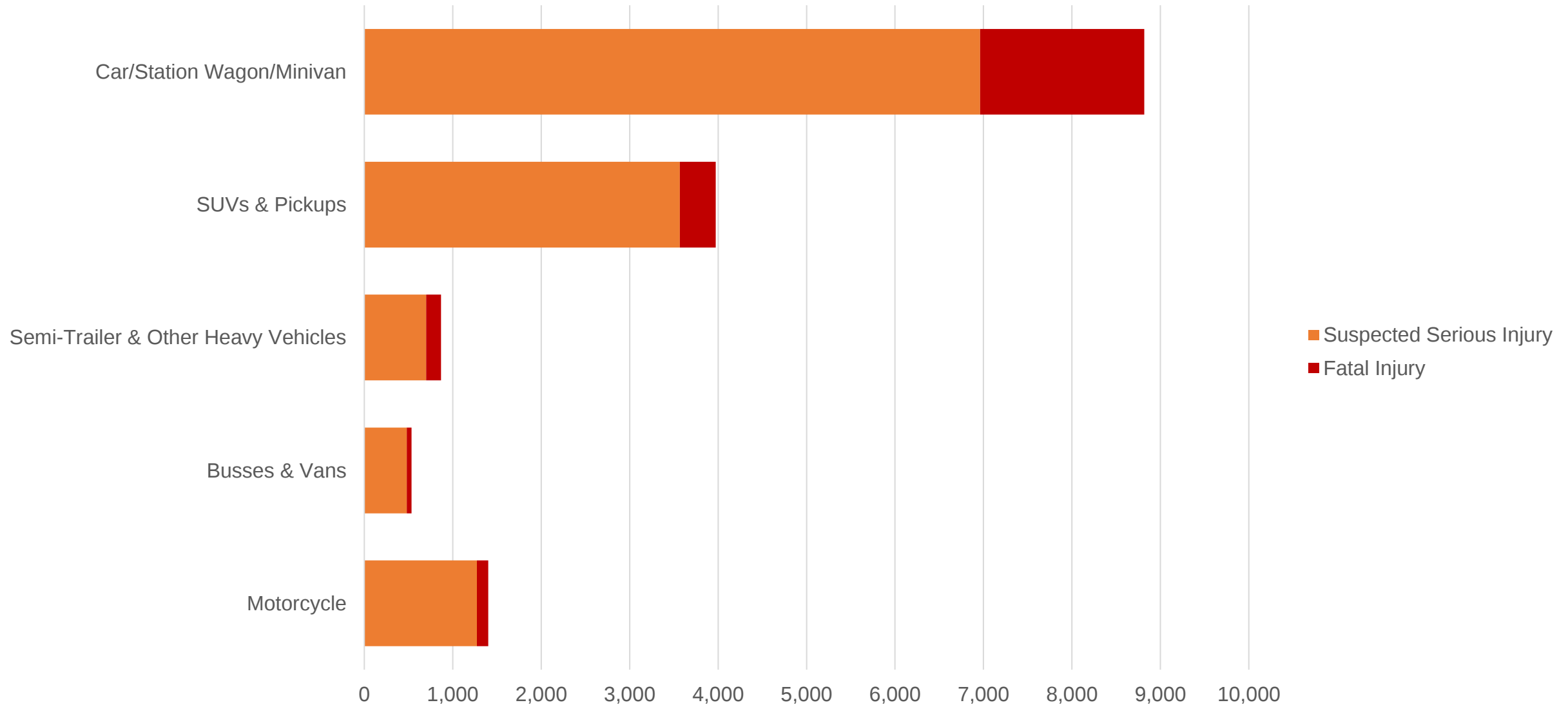
Vehicle Type in Crashes - Statewide (Categorized)



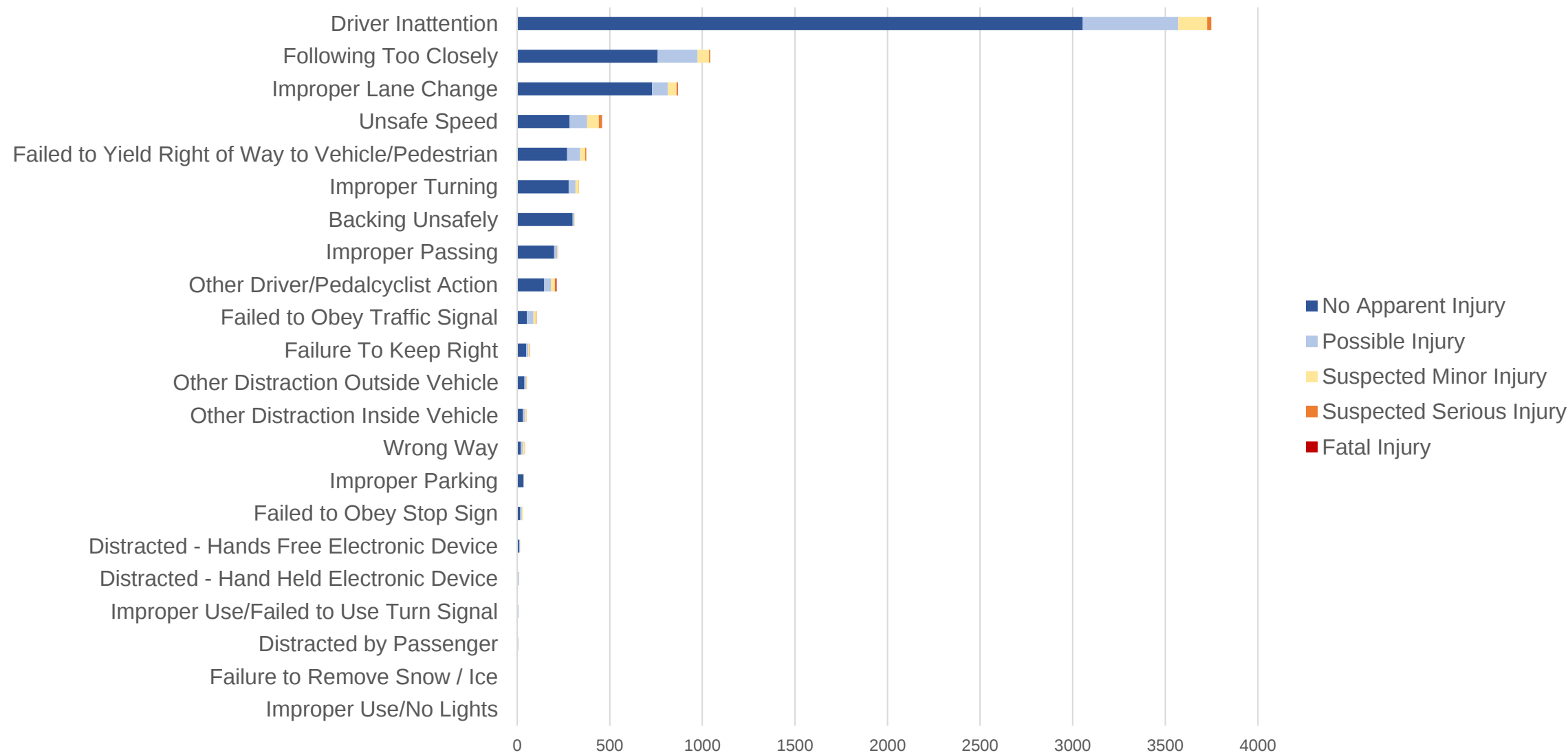
Vehicle Type in KSI Crashes – Meadowlands District (Categorized)



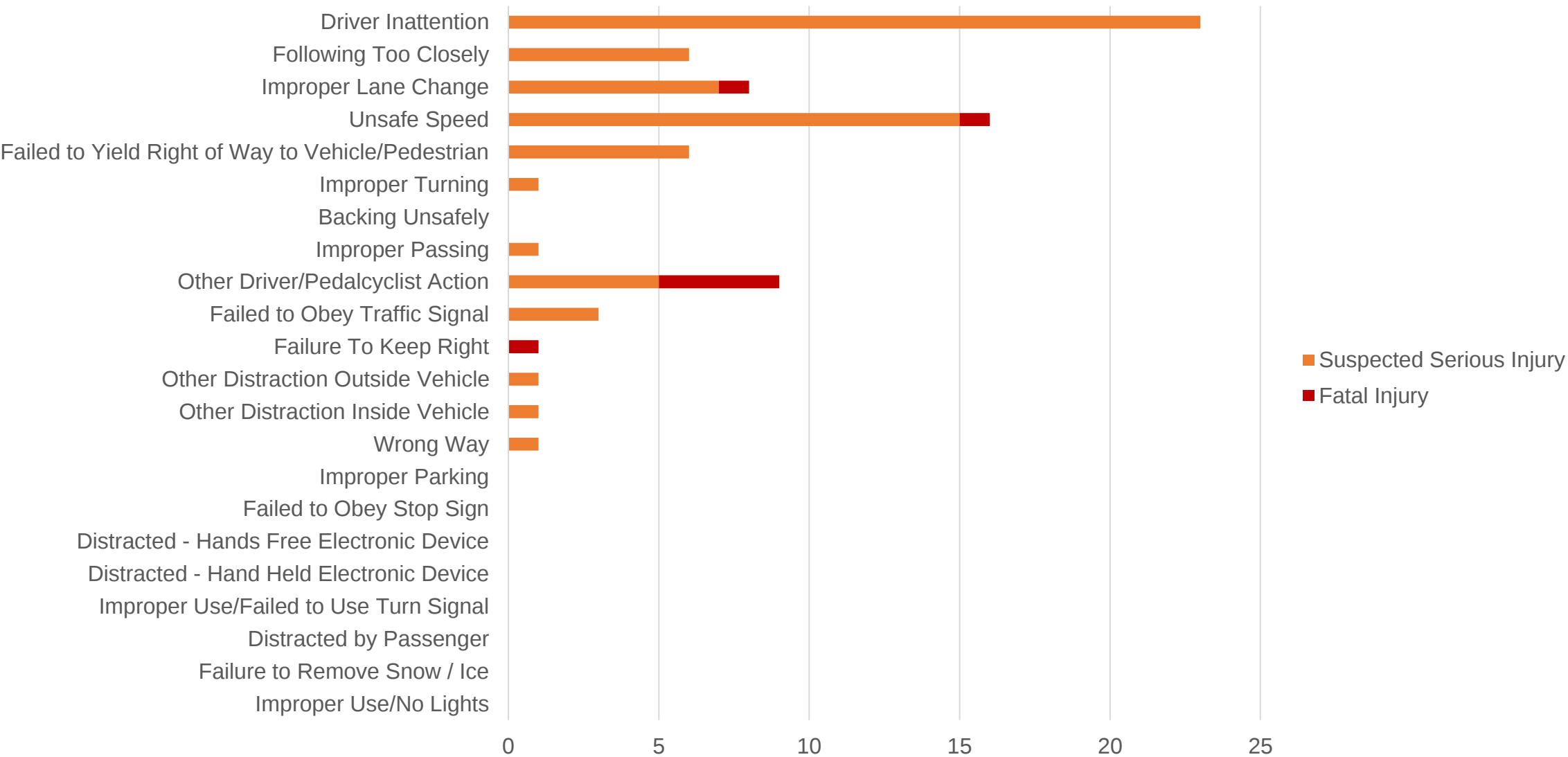
Vehicle Type in KSI Crashes - Statewide (Categorized)



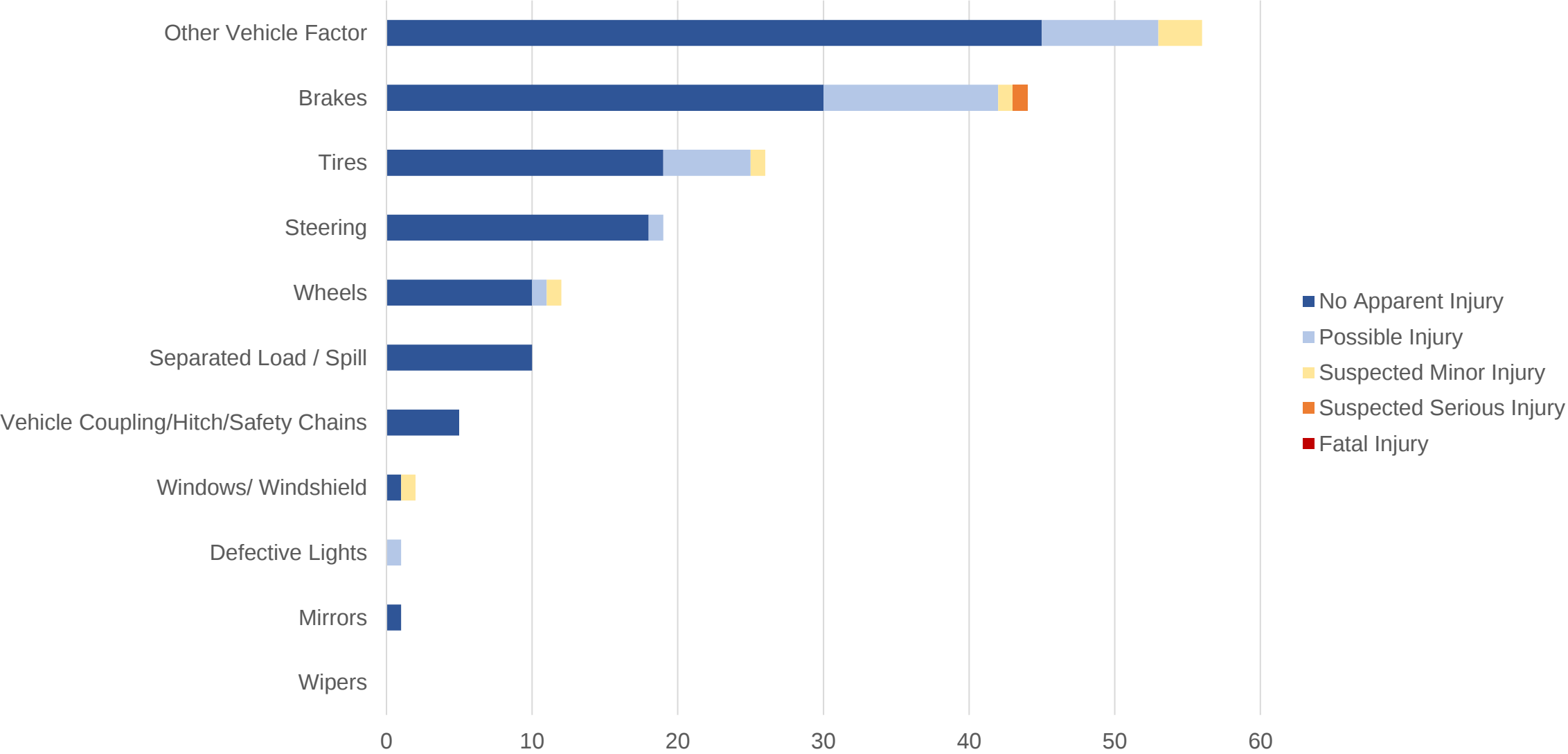
Contributing Circumstances: Human/Driver Factors



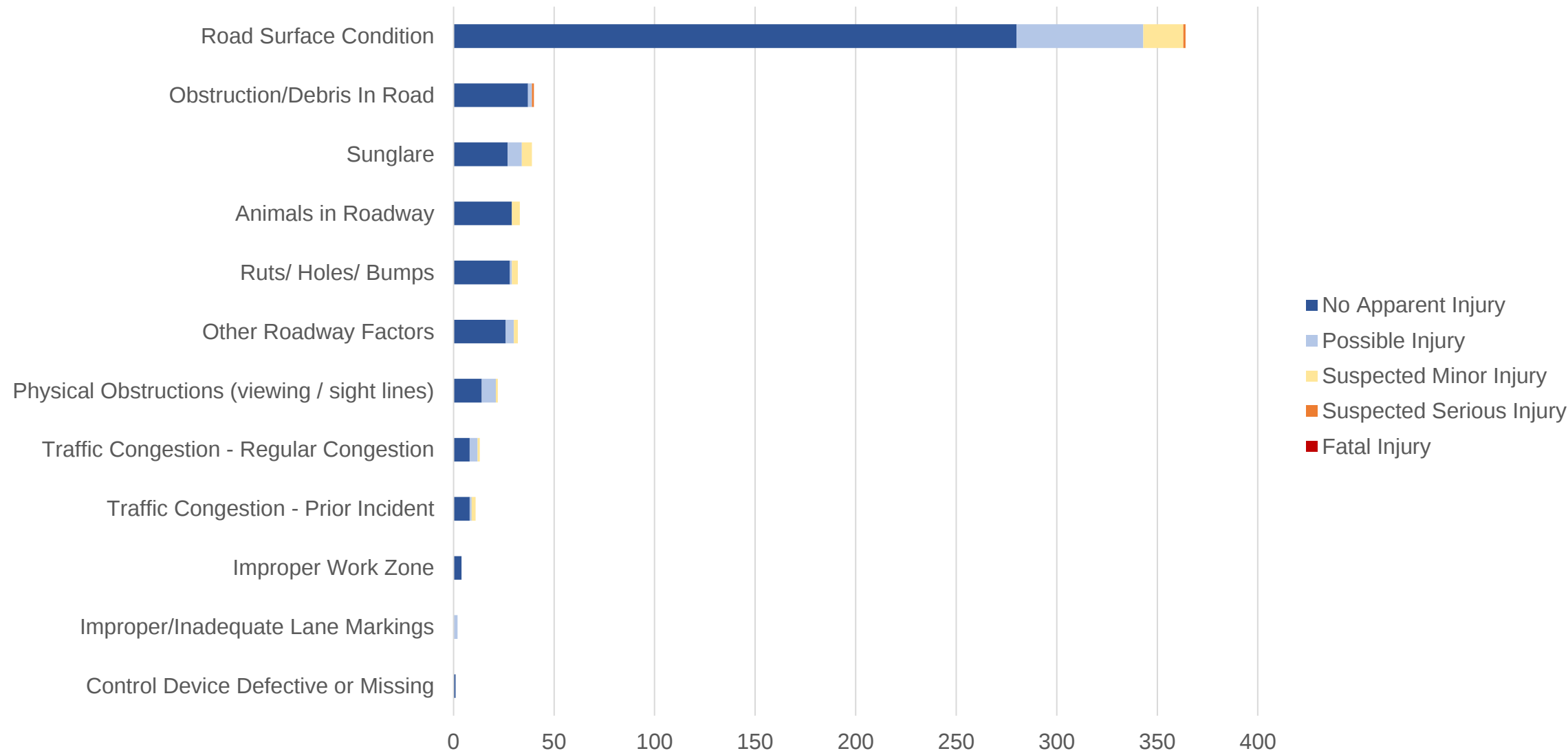
Contributing Circumstances (KSI): Human/Driver Factors



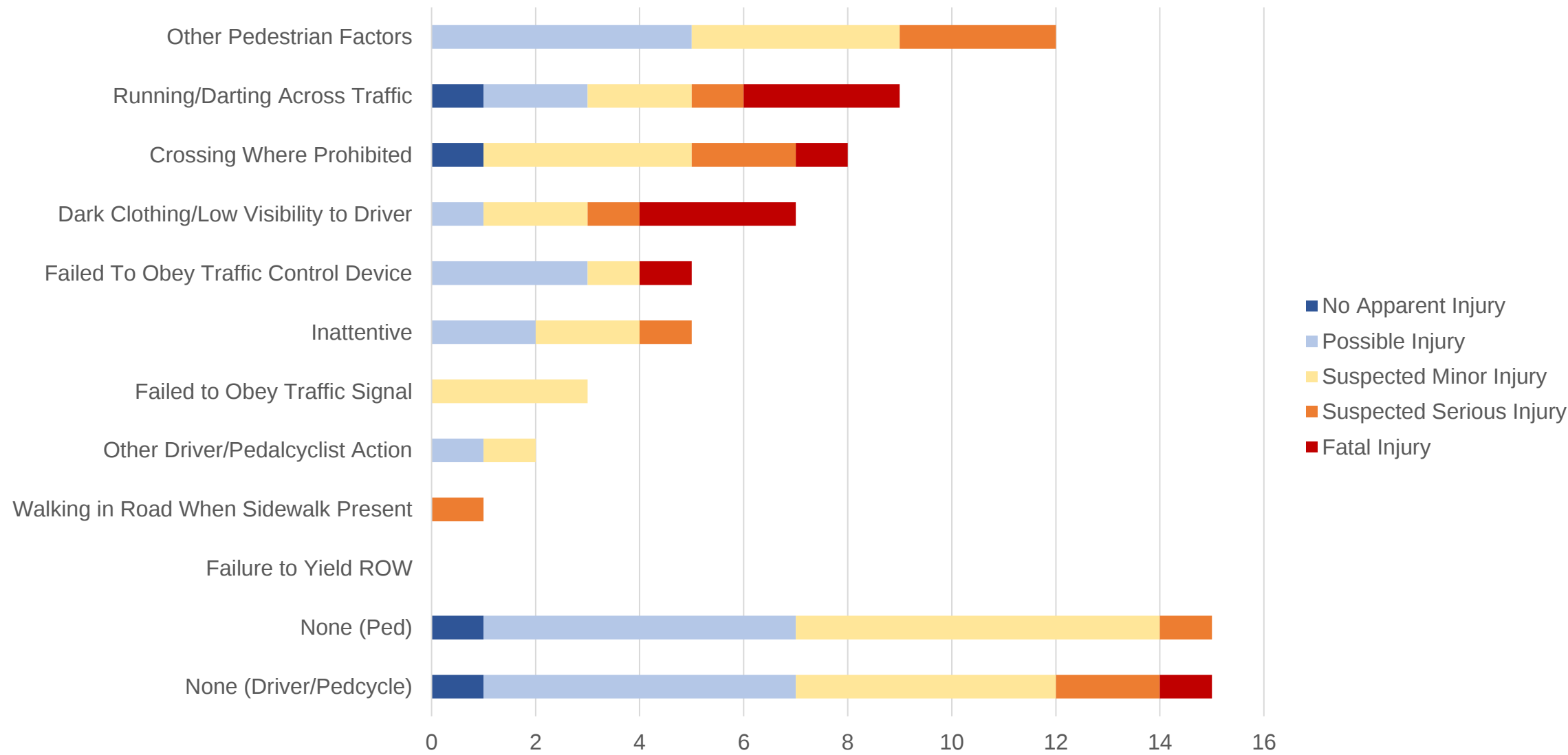
Contributing Circumstances: Vehicle Factors



Contributing Circumstances: Roadway/Environment Factors



Contributing Circumstances: Non-Motorist Factors



Preliminary Findings

- Approximately 8,300 crashes occurred between 2017 – 2021.
- KSI crashes increased approximately 300% over that time period.
- Pedestrian, Rear End, and Fixed Object crashes were responsible for the greatest number of fatalities & serious injuries (60 or 67%).
- ~5,600 crashes (67%) occurred in Secaucus, Kearny, East Rutherford, or North Bergen.
- Most common contributing circumstances
 - Driver Inattention (45% of total | 26% of KSI)
 - Following Too Closely (13% | 7%)
 - Improper Lane Change (10% | 9%)
 - Unsafe Speed (6% | 18%)
- Trucks & Heavy Vehicles crashes are overrepresented in Meadowlands District compared to statewide averages.

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Next Steps

- Continue data analyses
- Begin identifying High Injury Network (HIN)
- Provide link / banner to stakeholders to help promote website
- Begin public engagement activities
- Review existing policies & draft NJSEA Safe System policy
- Begin development of Safety Assessment Tool
- Focus Group meetings (Fall 2024)
- Next STF meeting: September/October 2024 (date TBD)

EXCEPT
BIKES

Thank You!

Contact us: MAP4S@njsea.com