

Hudson County Vision ZERO

Virtual Public Meeting



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October 15, 2024



Welcome to our
Hudson County Vision Zero
virtual public meeting!

Agenda

1. Project Team Introductions
2. What is Vision Zero?
3. Crash Data
4. Outreach Results
5. Plan Structure
6. High Injury Network
7. Design Toolkit
8. Strategy and Themes Prioritization Exercise

What is Vision Zero?

Vision Zero is a **data-driven approach** which focuses on **preventing severe crashes** that result in death or serious injury.

Hudson County is crafting a **Vision Zero Action Plan** aimed at **eliminating all deaths and serious injuries** on its roadways, and ensuring that **safe, comfortable transportation is a right** for everyone who moves to and through our community.

Safe Systems = Safe Mobility



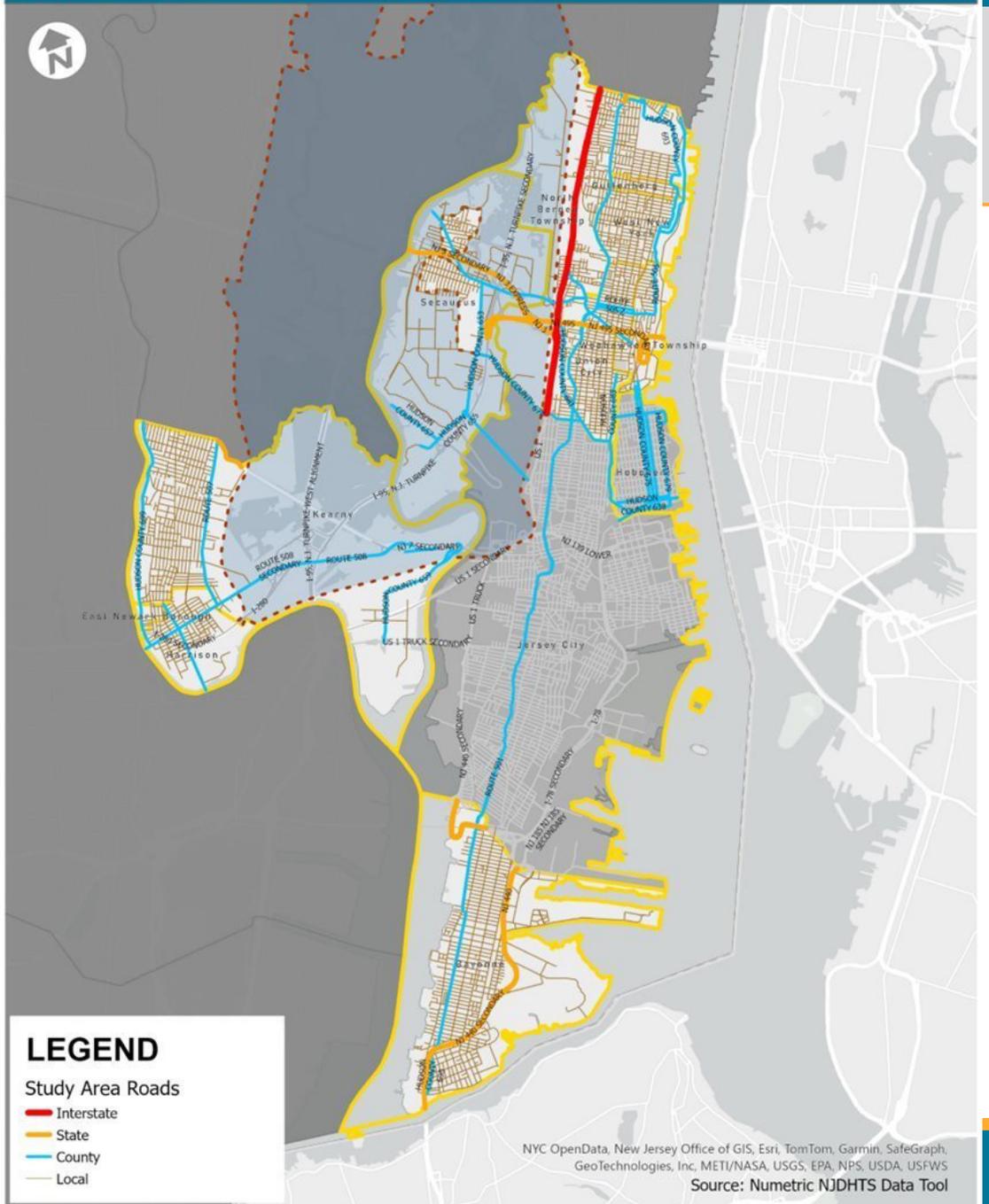
Project Goals

- Making **streets safer** for everyone, especially **vulnerable users** that experience higher rates of severe injuries (cyclists and pedestrians).
- **Reducing risks on roads** by adding clear markings, lights, and signs.
- Adding **simple safety measures** like turning lanes, rumble strips, and brighter road markings along high-crash corridors.
- Street design changes **informed by education and community outreach**.

Study Area

- All County Roads
- Local and State Roads (except in Jersey City, Hoboken, and Meadowlands District)
- Tonnelle Avenue/US-1

STUDY AREA



Crash Data (2017-2021)

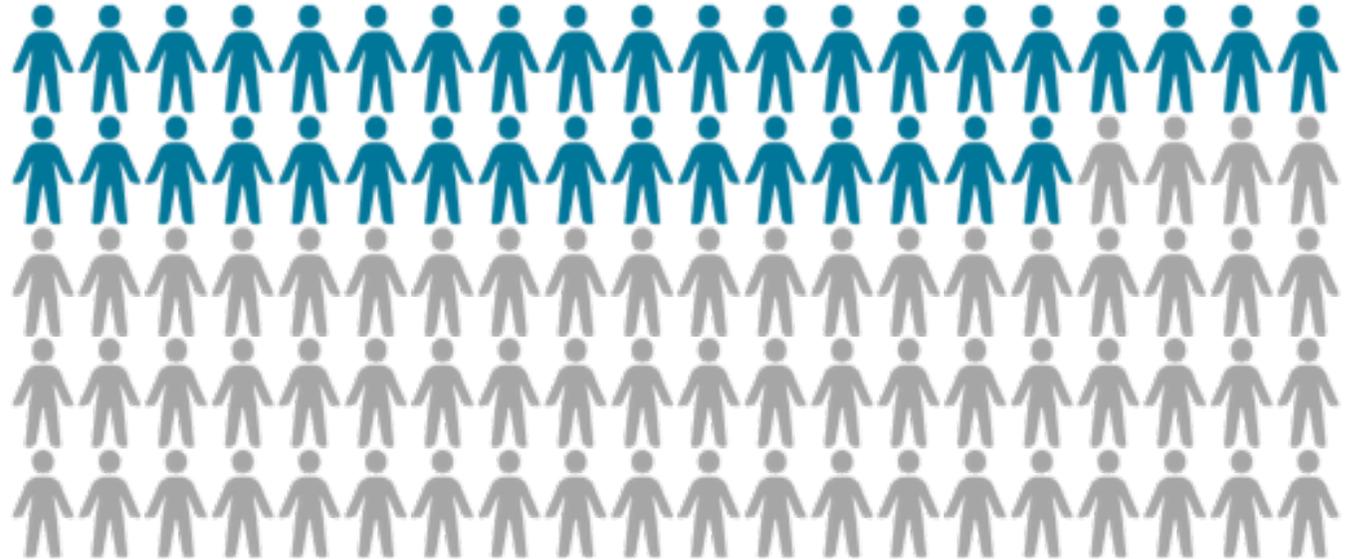
221

severe crashes in Hudson
County study area

80

of severe crashes
occurred on County roads

36% of severe crashes occur on
County roads.



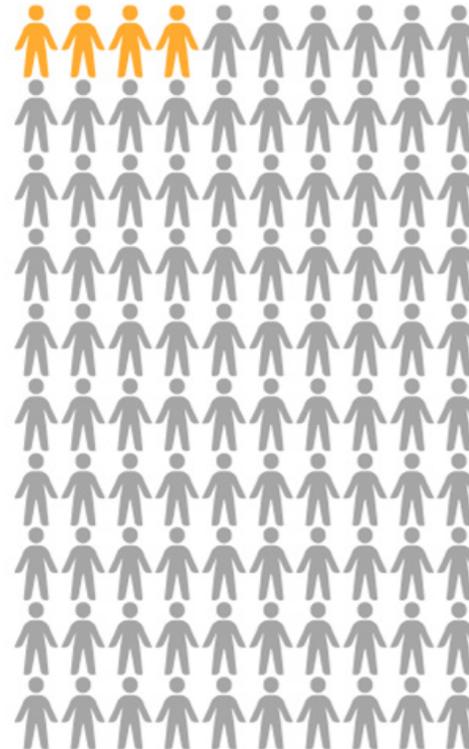
County roads are **16%** of all roadways
in the Hudson County.

Vulnerable Road Users

Pedestrian Crashes in the Hudson County Study Area

4% total crashes
36% severe crashes

Total Crashes



Severe Crashes



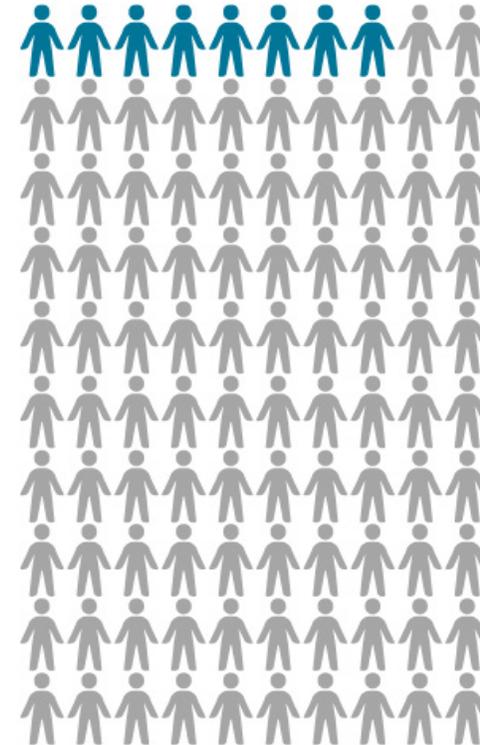
Vulnerable Road Users

Cyclist Crashes in the Hudson County Study Area

7.6% total crashes

11% severe crashes

Total Crashes



Severe Crashes



Speed & Safety



Field of Vision at 15 MPH



Field of Vision at 30 - 40 MPH

Drivers yield **75%** of the time when traveling **20 MPH**



Drivers yield **17%** of the time when traveling **37 MPH**



IF A CAR
HITS A
PEDESTRIAN
AT:



The chances of being killed or seriously injured are

13%



The chances of being killed or seriously injured are

40%



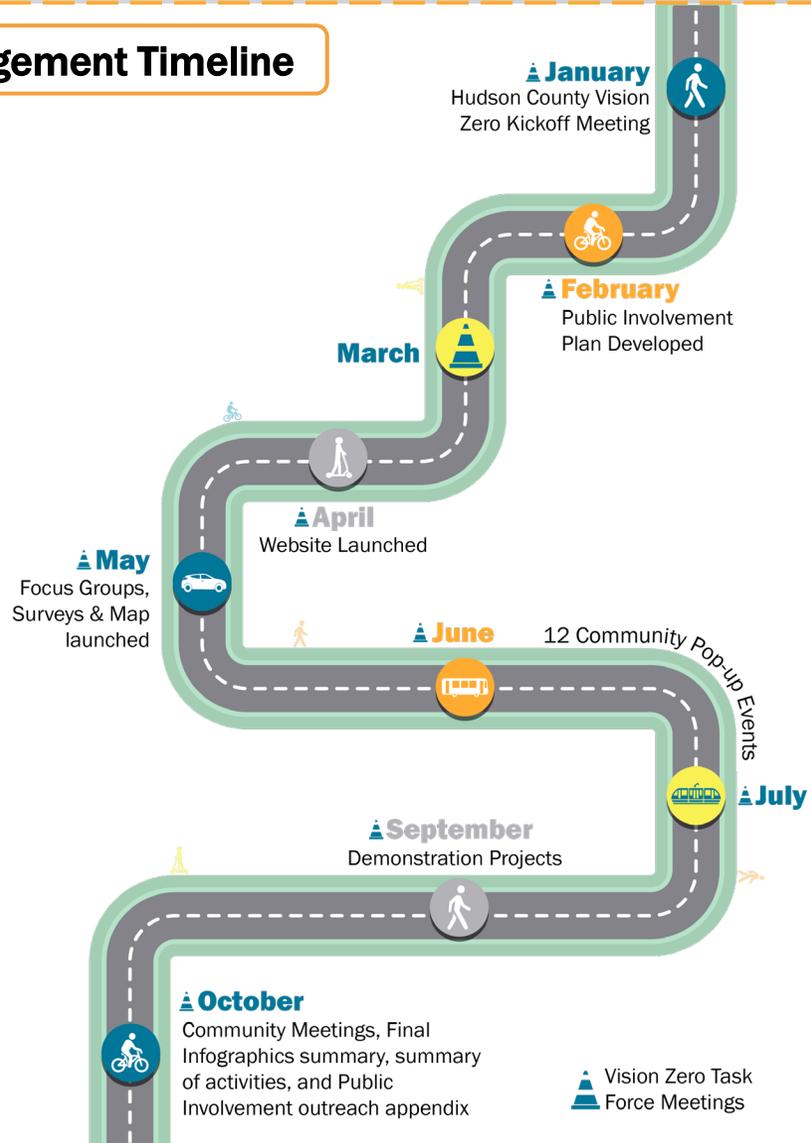
The chances of being killed or seriously injured are

73%



Outreach Results

Engagement Timeline

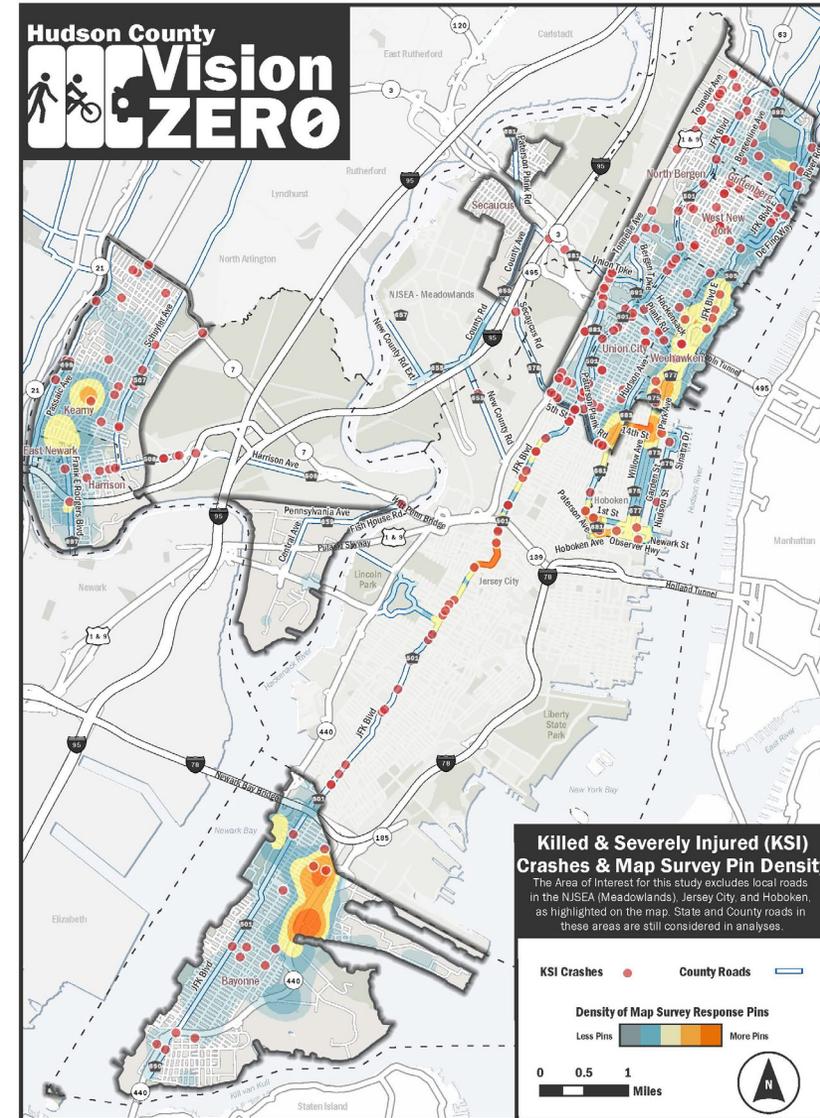
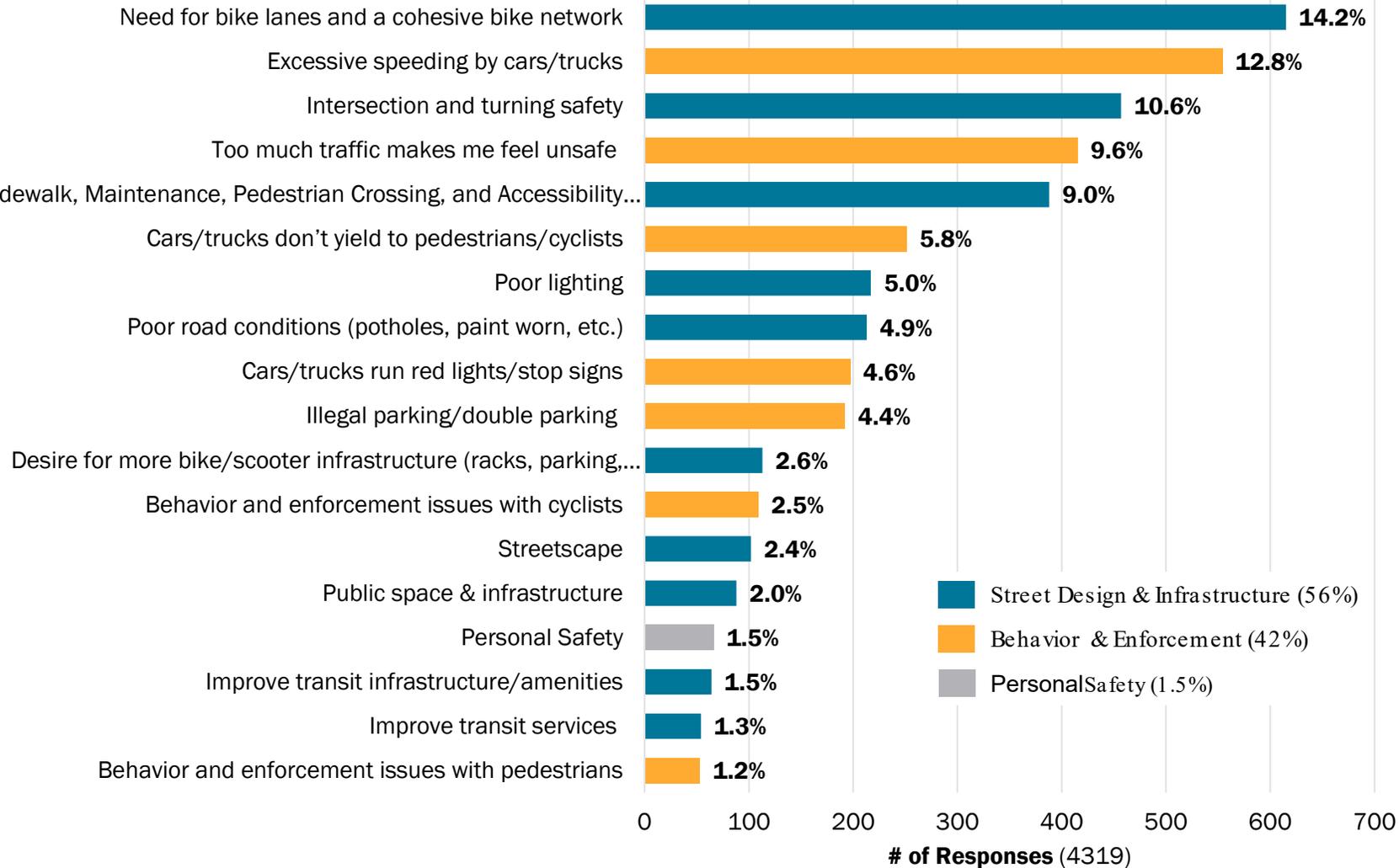


Engagement Numbers



Outreach Results

COMBINED MAPPING ANALYSIS



Plan Structure

Goal: Create an approachable, compelling, informative, and directive action plan to guide Hudson County's Vision Zero program

1. Executive Summary

2. Our Commitment to Vision Zero

3. Why Do We Need Vision Zero?

Where are we now?

Engagement summary

Demonstration project and results

4. Our Action Plan

Project Timeline

Ongoing County-wide projects, programs, and commitments

Goals

Strategies

Tools and Countermeasures toolbox

Focus Corridors

Reporting and Accountability

High Injury Network (HIN)

Developing a High Injury Network (HIN) is an important part of a Vision Zero Action Plan. A HIN includes the road segments where serious crashes happen more often than in other areas. The Hudson County Vision Zero Plan includes Priority HINs, developed using:

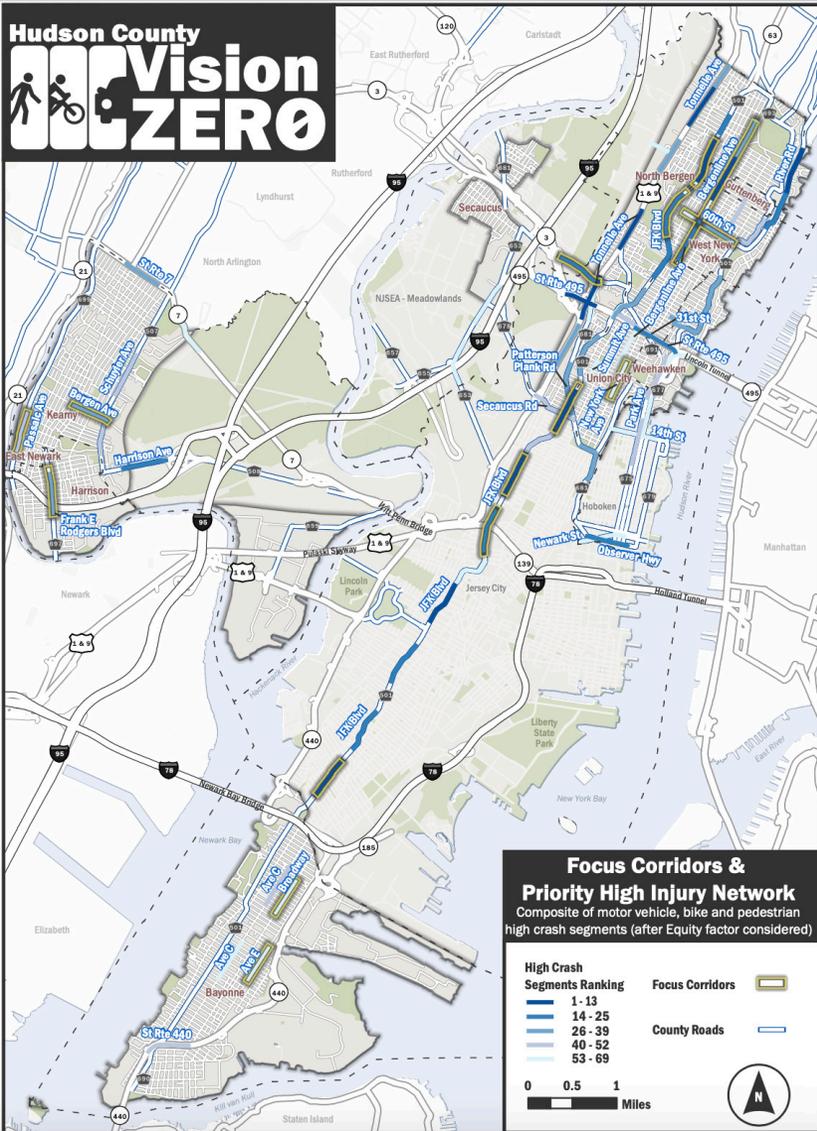
- Crash Data
- Equity and Environmental Justice Indicators

Focus Corridors also considered in coordination with ongoing improvement projects:

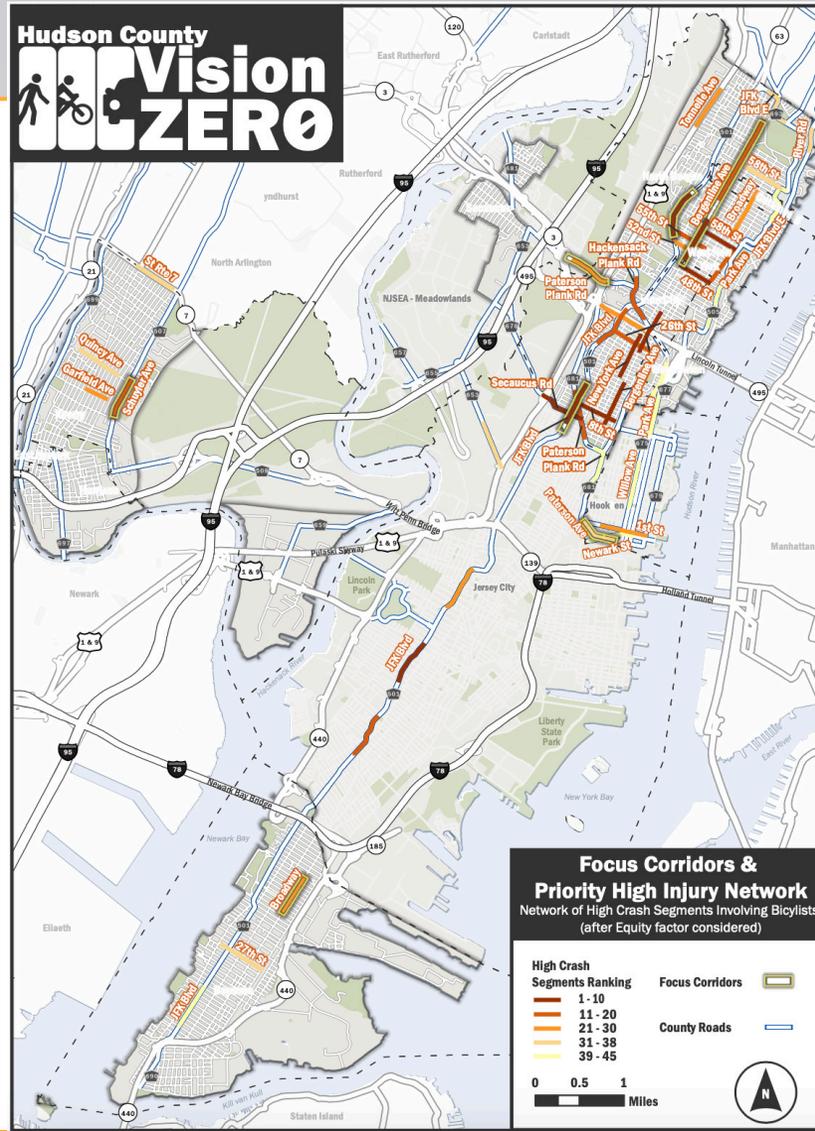
- Feedback from the community
- Other factors identified by the County

This helps the County focus on which locations need more study and investment to reach the Vision Zero goal.

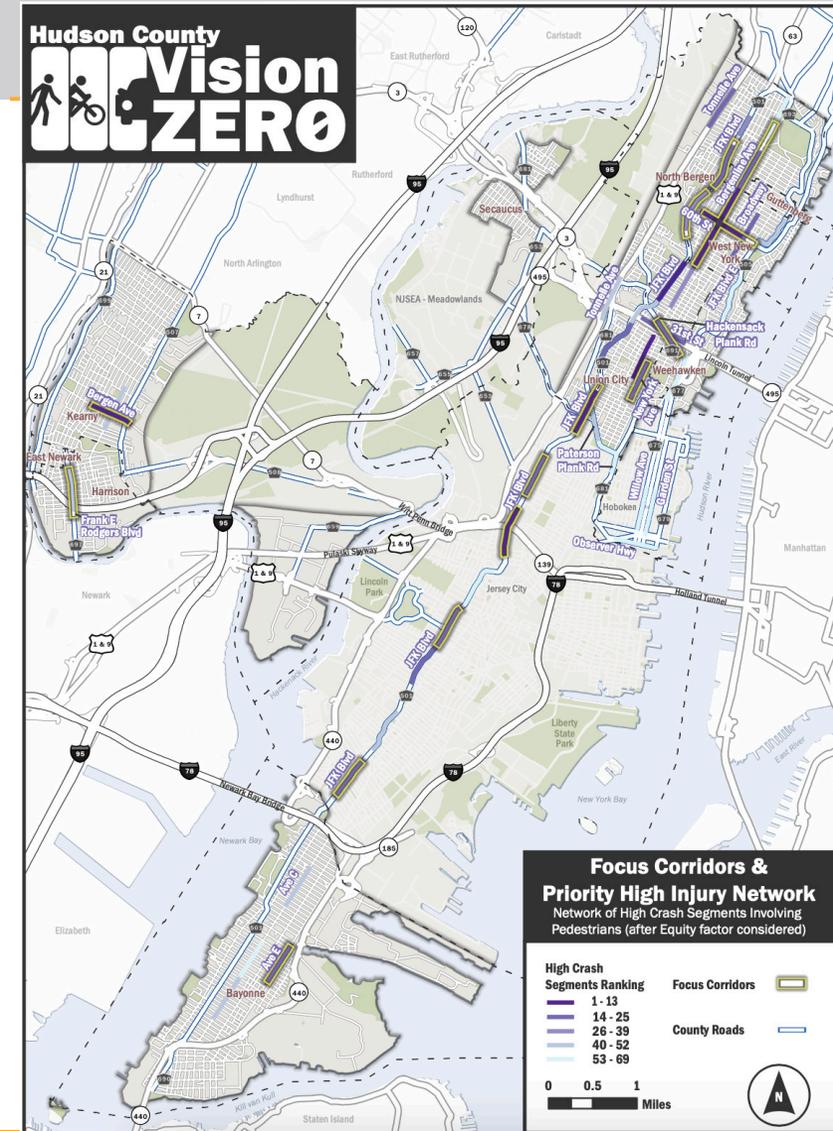
Priority High Injury Network – All Modes



Priority High Injury Network – Bicyclist



Priority High Injury Network – Pedestrian



Countermeasures Toolkit

Centerline Hardening



Leading Pedestrian Interval



Protected Bike Lanes



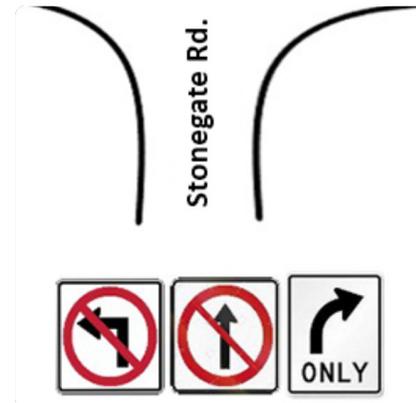
Pedestrian Refuge Island



Protected Left Turn Phase



Turning Movement Restrictions



High Visibility Enforcement



Curb Extension



Themes and Actions Prioritization Exercise

Theme 1: Change the Culture of Traffic Safety

by promoting shared responsibility and addressing the root causes of dangerous driving behaviors.

Theme 2: Design and Build Streets

that are Safe for Everyone by eliminating severe crash risks and delivering accessible networks for people of all ages and abilities walking, biking, and rolling.

Theme 3: Partner and Collaborate

through the creation of multi-jurisdictional projects, policies, and laws and by sharing and growing best practices.

Theme 4: Enhance Transit and Active Transportation

by advocating for, investing in, and encouraging transit and other safe, affordable, and sustainable transportation choices.

Discussion: Breakout Rooms

Choose **TWO** themes you'd like to discuss in more detail!

We will share proposed next steps, and we want to hear **your thoughts, feedback, and ideas.**

20 minutes to discuss a theme.

Theme 1: Change the Culture of Traffic Safety

Theme 2: Design and Build Streets

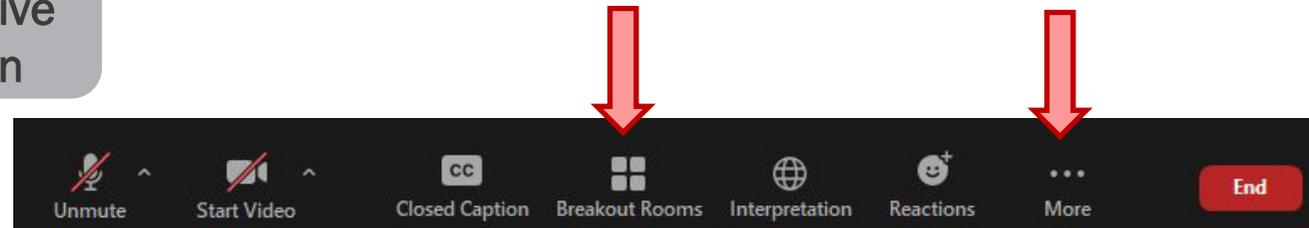
Theme 3: Partner and Collaborate

Theme 4: Enhance Transit and Active Transportation

How to join/move rooms:

1. Look for the Breakout Room icon at the bottom of your ZOOM screen (you may need to click "...").
2. A pop-up box will appear when you click on the icon.
3. Click on the number to the right of the room name and select "Join Room".

Note: Moving between rooms on your own only works if you have the latest version of Zoom installed. If you do not see the option to join a breakout room, let us know, and we can assign you to the room of your choice.



Theme 1: Change the Culture of Traffic Safety

- Include Vision Zero goals and principles in **all County-led plans**.
- Facilitate ongoing **collaboration** on data sharing, project planning and outreach with and **among the municipalities and jurisdictions** in Hudson County.
- Develop **marketing campaigns and communications** around traffic safety using Vision Zero branding.
- Launch a **Rapid Response Team**.
- **Update standards** for County fleet vehicles **and expectations for County employees** who drive as part of their duties to lead by example.
- Continue to **research the root causes** of dangerous driving behavior and unsafe streets and stay up to date on best practices for countermeasures and other interventions.
- Conduct **high-visibility enforcement campaigns** focused on high-risk driver behaviors at high-crash locations that is informed by the latest behavioral research.
- Focus resources and **educate** community leaders and organizations representing **those most disproportionately impacted** by deaths and serious injuries.

Theme 2: Design and Build Streets

- Prioritize projects aimed at **improving safety** on the High Injury Network.
- Update and **institutionalize Complete Streets Policy** at all levels of County government and in County funding decisions.
- Prioritize investment in infrastructure that supports **walking, cycling and accessibility**.
- Enhance County engineering guidance, policy and processes to **ensure safety is the top priority in design decisions** and that designs result in safe speeds.
- Develop **project evaluation protocols** that measure safety outcomes and help the County continuously improve.
- **Fund continuing education** in Vision Zero principles and the Safe Systems Approach for County staff.
- Execute **demonstration projects** that implement quick-build safety solutions on the HIN.

Theme 3: Partner and Collaborate

- Continue to convene the **Vision Zero Task Force**, report annually on Vision Zero progress, and update the Vision Zero Action Plan.
- Formalize a **cross-jurisdictional process** in Hudson County for early project engagement and input with relevant stakeholders.
- Develop a **county-wide strategy for grant funding** and provide technical and administrative support to municipalities for grant applications and fund management.
- Collaborate with municipalities to develop a standard **procedure for consistent data reporting**.
- **Adopt systemic countermeasures** to reduce severe crash risk and advocate for state-wide adoption of legislation related to traffic safety.
- Identify opportunities to **affect dangerous driving behaviors** through non-criminal means.
- Adopt a **standard protocol** for implementing “No Turn on Red” at select intersections throughout the county.

Theme 4: Enhance Transit and Active Transportation

- Advocate for, invest in, and encourage transit and other **safe, affordable, and sustainable transportation choices**.
- Prioritize accessibility improvements and provision of **first/last mile facilities** at transit stops.
- Develop educational programs to **inform** Hudson County residents of **all their transportation choices**.
- Assess curb management throughout the county to **prioritize uses of limited curb space**.
- Conduct studies to understand how **e-mobility** is being used throughout the county.
- Align education around travel options and roadway safety county-wide to **ensure alignment and uniformity in public messaging**.



Q&A