ESSEX
SAFE STREETS 4 ALL

Community Meeting

February 27/March 4, 2025

County of Essex New Jersey · The City of East Orange 1909

Michael Baker INTERNATIONAL · MPA Mercer Planning Associates · WSP

Project Team and Introductions

County Planner
David Antonio

City Planner
Alycia Cohen

Project Manager, Planning Lead
Peter Kremer, AICP, PP

Community Engagement
Courtenay Mercer, AICP, PP

Equity, High Injury Network, Crash and Safety Analysis
Carlos Bastida

Today's Agenda

1. **Introductions**
2. **Project & Safe Streets for All Overview**
3. **Equity and Safety Analysis**
4. **Next Steps**
5. **Discussion**

Discussion

- **What's working?**

- **What could be improved?**

- **Vision for the future...**

  What's your vision for getting around Essex County safely in the future?

Safe Streets for All Action Plan

Essex County, in collaboration with the City of East Orange, is initiating the Essex Safe Streets for All (SS4A) Action Plan Project to improve roadway safety throughout the County.

Reduce the number of roadway fatalities and serious injuries within Essex County

Enhance safety, mobility, and quality of life for all roadway users – bicyclists, pedestrians, motorists, transit users, and people of all ages and abilities

Develop a Safety Action Plan with a list of strategies and priority projects

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Safe System Approach - Principles

USDOT has adopted the Safe System Approach as the guiding framework to address roadway safety:

→ Design for human mistakes/limitations

→ Prevent deaths and serious injuries

→ Shared responsibility among stakeholders

→ Proactively identify and address safety risks

→ Redundancy is critical
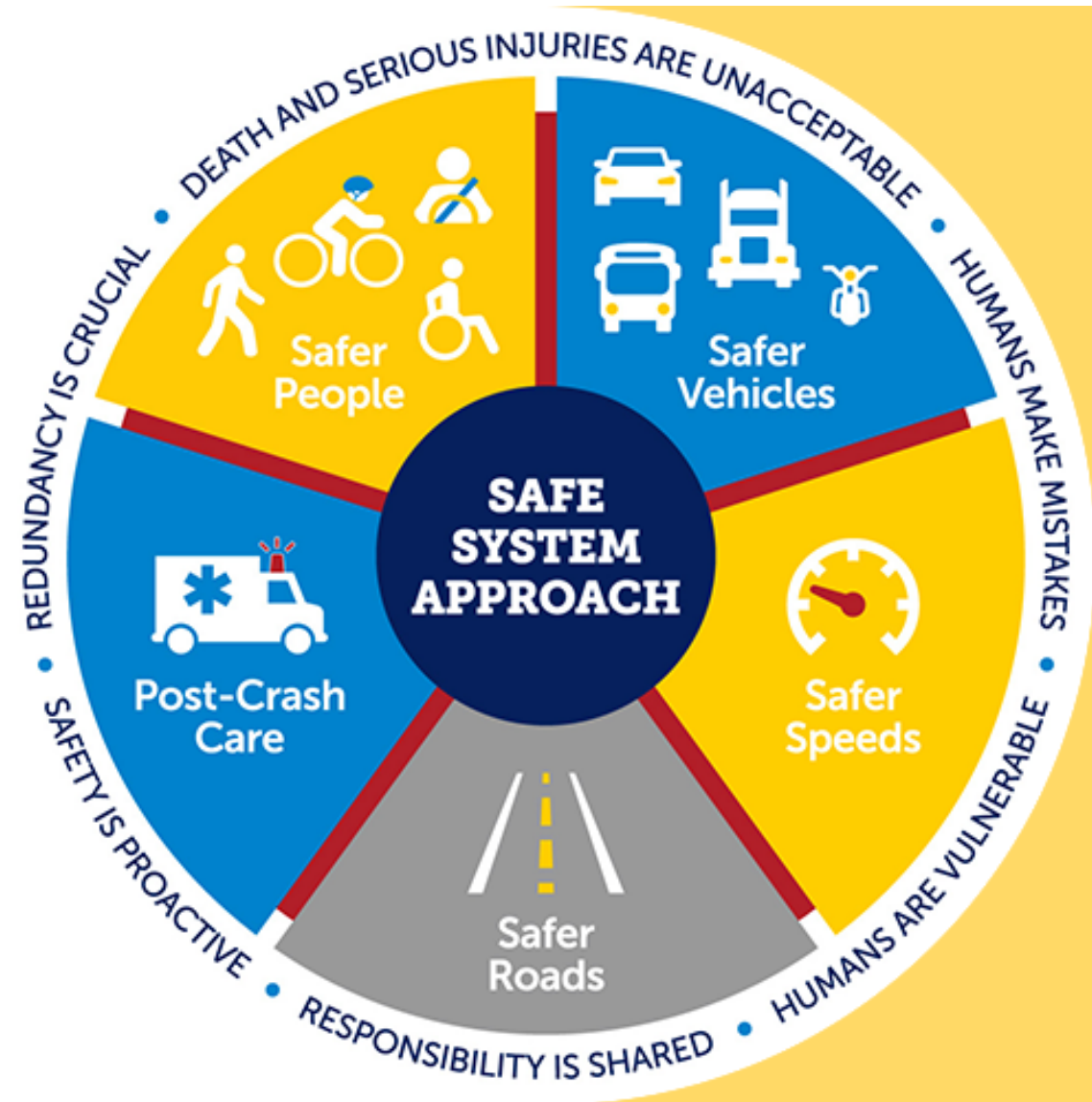
5 Elements of Safe System Approach
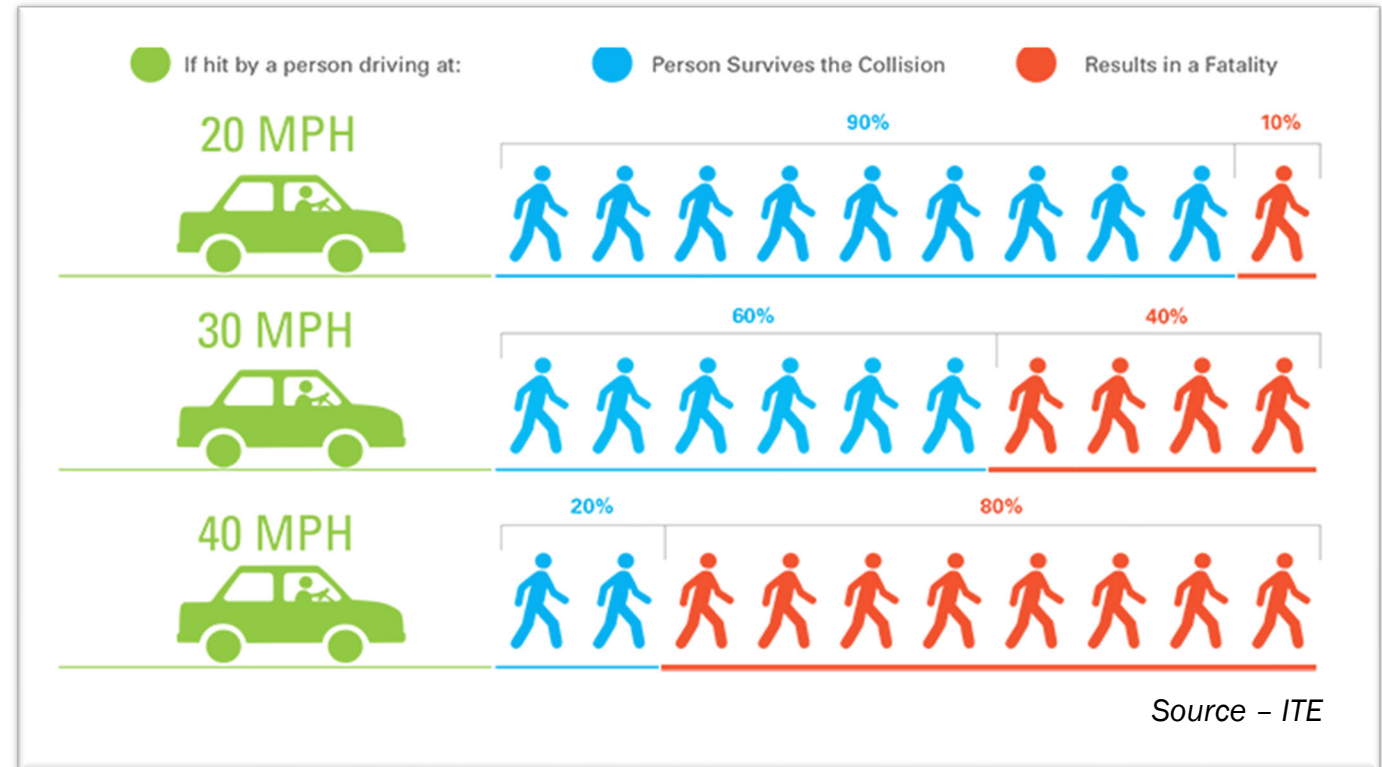
Safer Road Users

Safer Vehicles

**Safer Speeds**

Safer Roads

Post-Crash Care

If hit by a person driving at: ● Person Survives the Collision ● Results in a Fatality

20 MPH — 90% — 10%

30 MPH — 60% — 40%

40 MPH — 20% — 80%

Source – ITE

The risk of death for pedestrians increases substantially as the impact speed increases. From 2013-2022, 22% (1,338) of New Jersey's roadway fatalities were speeding-related.

Project Scope

- **Data Collection–** Systemwide

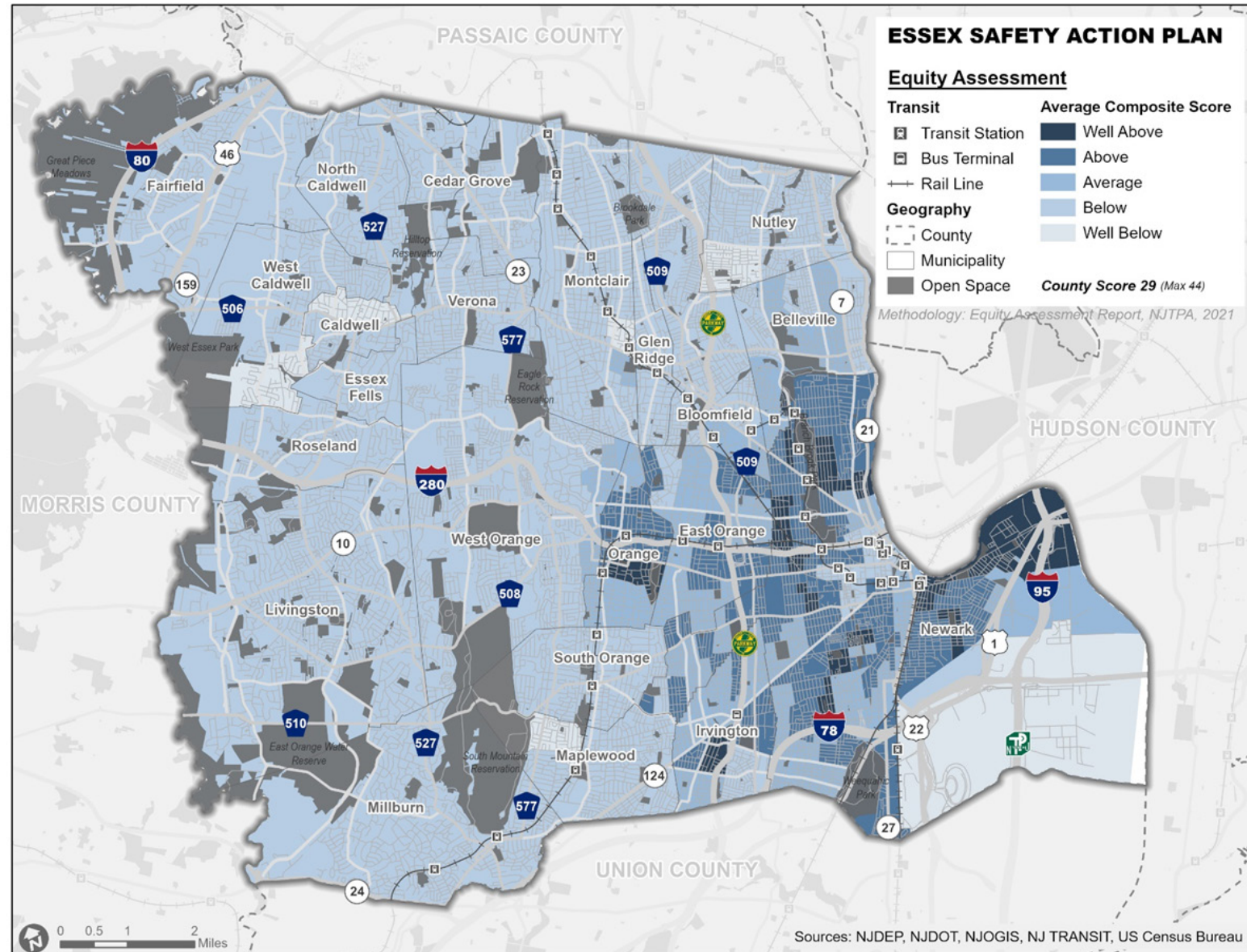- **Project Selection –** Key Safety Corridors identified in the map
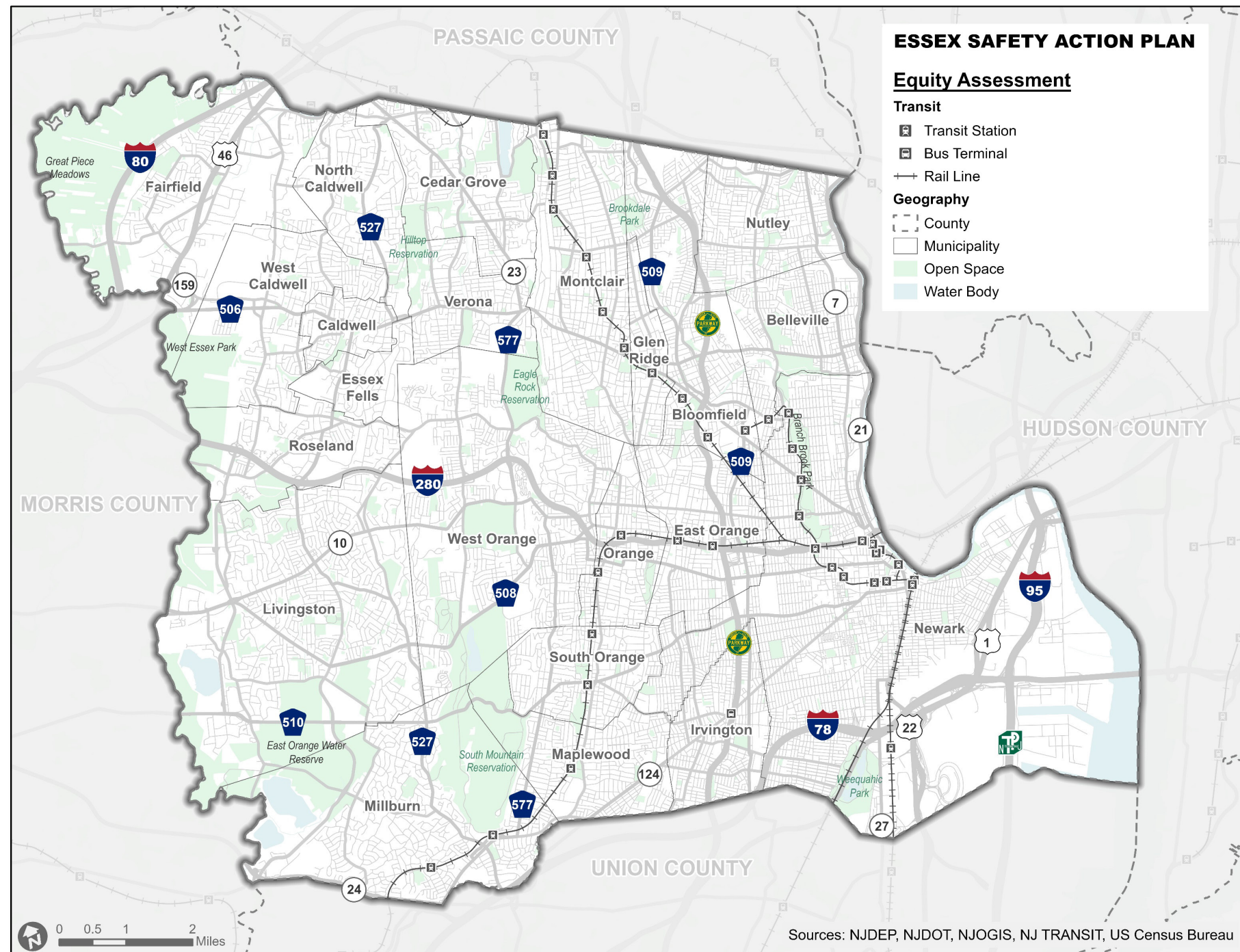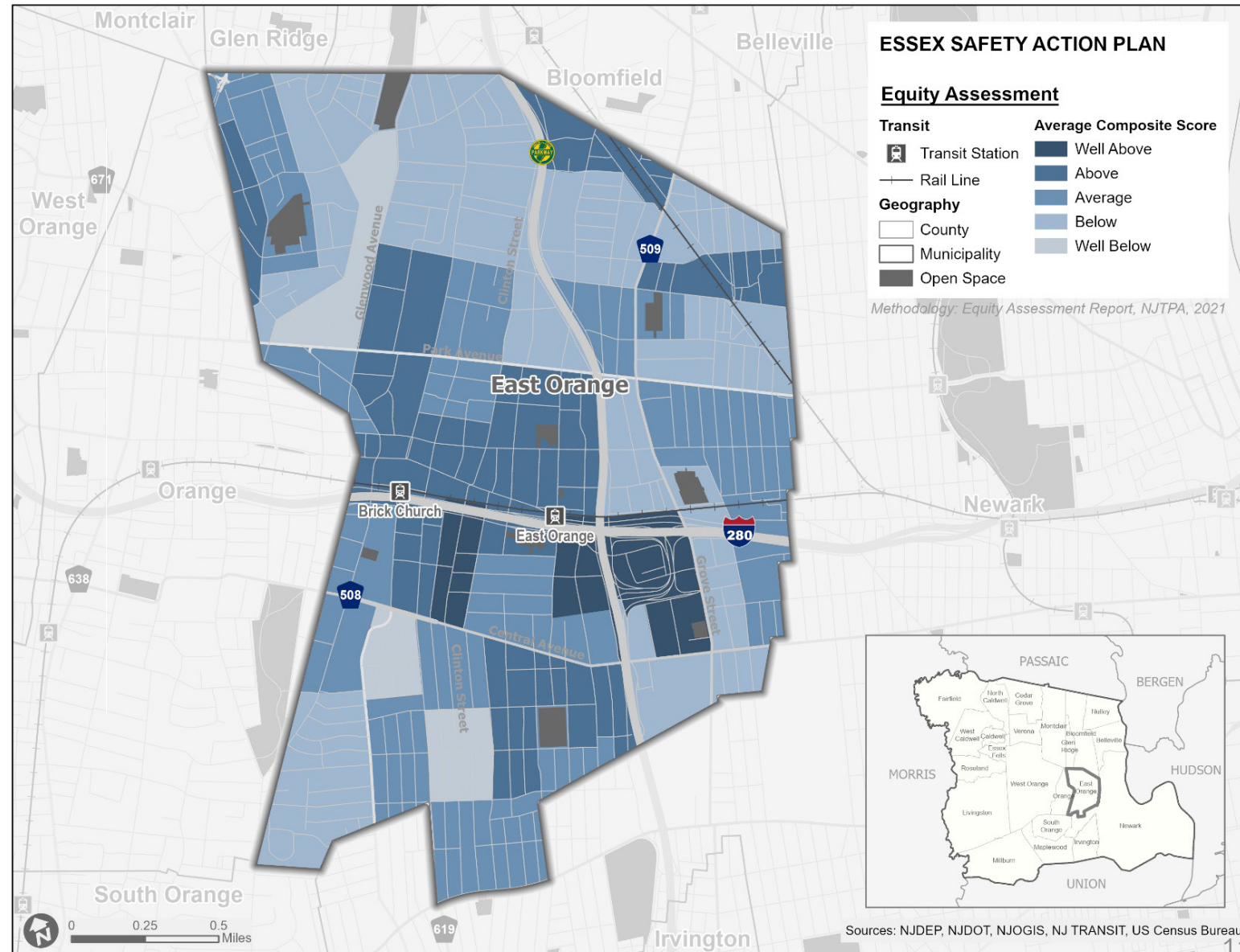
SUMMARY OF INITIAL FINDINGS

Underserved Communities: Essex County

- Essex County's composite equity score ranks **first** out of NJTPA region's **13** counties

- Primarily in the eastern and heavily urbanized portions of Essex County

- Highest indicators: minority, lower-income, foreign-born, low English proficiency, and zero-car populations

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Equity Assessment

Transit
- Transit Station
- Bus Terminal
- Rail Line

Geography
- County
- Municipality
- Open Space

Average Composite Score
- Well Above
- Above
- Average
- Below
- Well Below

County Score 29 (Max 44)

Methodology: Equity Assessment Report, NJTPA, 2021

Sources: NJDEP, NJDOT, NJOGIS, NJ TRANSIT, US Census Bureau

- Ranked **3rd of 22** Essex municipalities, below cities of Newark and Orange, comparable to Irvington

- Primarily concentrated around I-280 and the Morris & Essex rail line

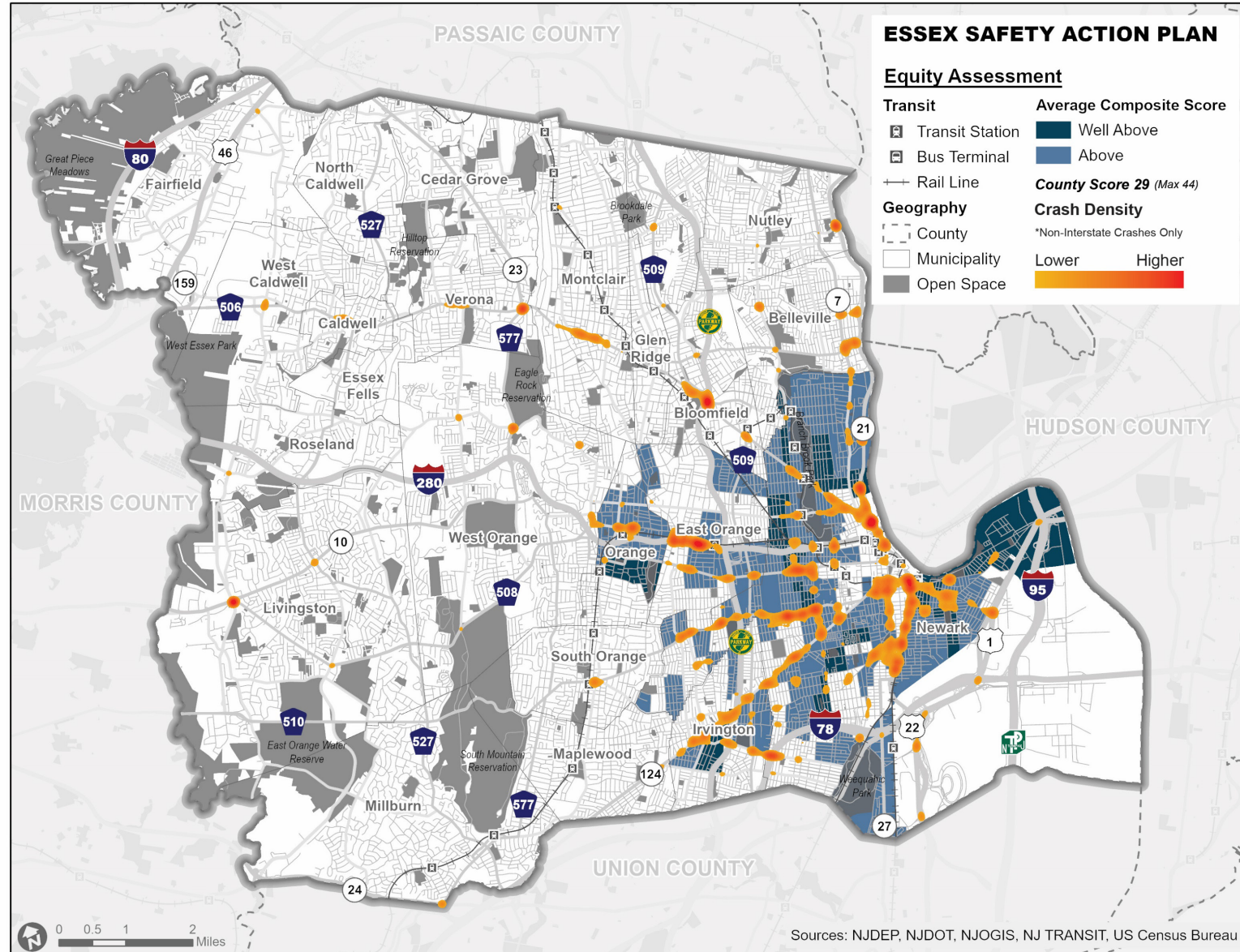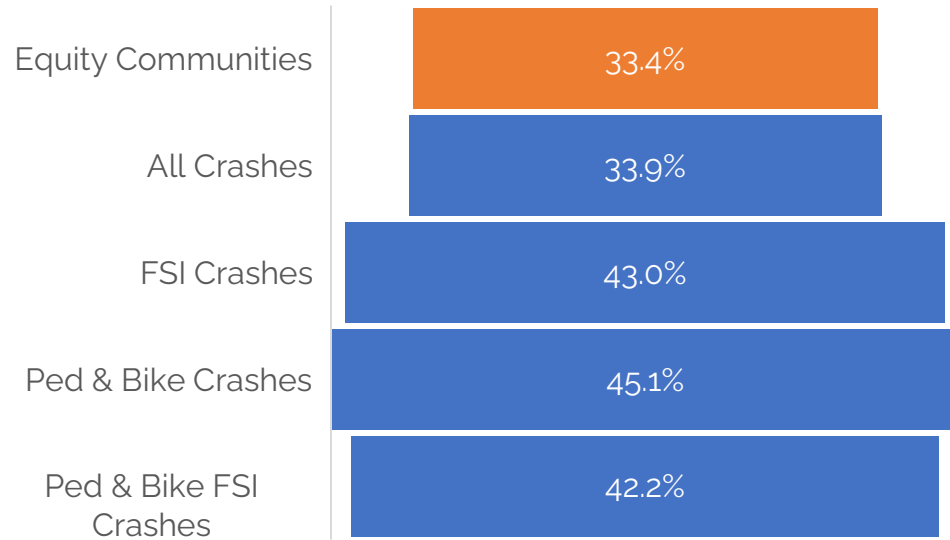- Highest indicators: minority, lower income, foreign born, low English proficiency, and zero-car populations

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Crash Hot Spots & Equity: Essex County 2018-2022

In Essex County these communities account for...

Category	Percentage
Equity Communities	33.4%
All Crashes	33.9%
FSI Crashes	43.0%
Ped & Bike Crashes	45.1%
Ped & Bike FSI Crashes	42.2%

Sources: NJDEP, NJDOT, NJOGIS, NJ TRANSIT, US Census Bureau

Crash Data Overview – Essex County

	All Crashes	KSI Crashes
	96.2%	66.7%
	3.1%	**29.7%**
	0.7%	**3.6%**

All Crashes 5 - Year Trend

- 2018: 30586
- 2019: 31003
- 2020: 20572
- 2021: 25147
- 2022: 26673

Fatal Crashes 5 - Year Trend

- 2018: 46
- 2019: 34
- 2020: 38
- 2021: 61
- 2022: 57
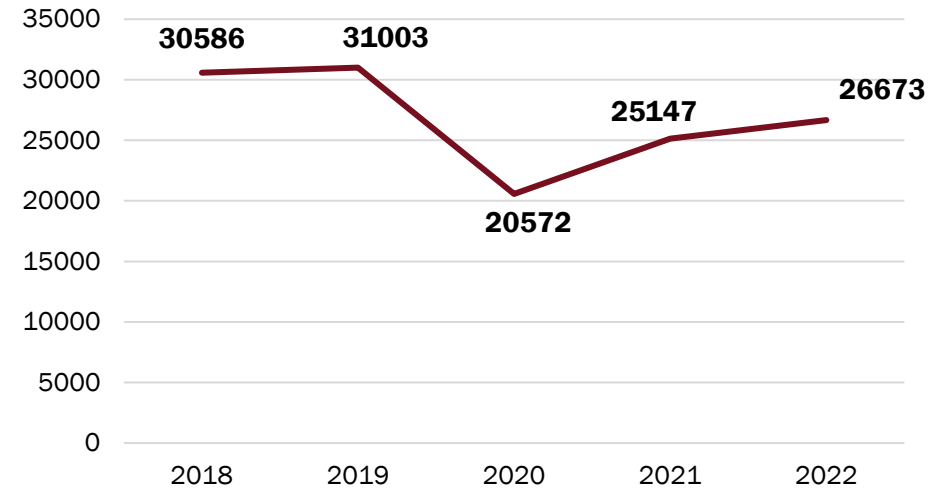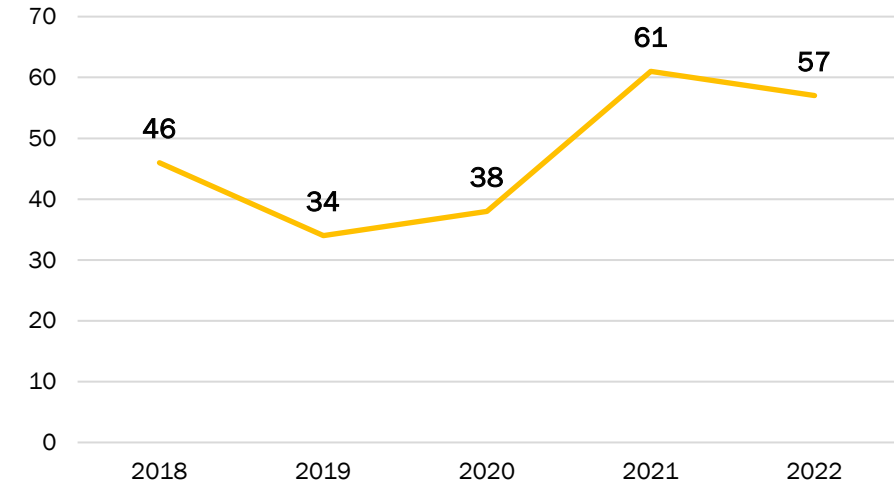
Crash Hot Spots & Equity: East Orange 2018-2022

In East Orange these communities account for...

Category	Percentage
Equity Communities	36.0%
All Crashes	54.4%
FSI Crashes	49.0%
Ped & Bike Crashes	38.2%
Ped & Bike FSI Crashes	43.6%

ESSEX SAFETY ACTION PLAN
Equity Assessment

Transit
- Transit Station
- Rail Line

Geography
- County
- Municipality
- Open Space

Average Score
- Well Above
- Above

Crash Density
*Non-Interstate Crashes Only
Lower — Higher

Methodology: Equity Assessment Report, NJTPA, 2021

Sources: NJDEP, NJDOT, NJOGIS, NJ TRANSIT, US Census Bureau

Crash Data Overview – City of East Orange

	All Crashes	KSI Crashes
	96.8%	65.2%
	2.8%	**32.6%**
	0.5%	**2.2%**

All Crashes 5 - Year Trend, East Orange

2018	2019	2020	2021	2022
2874	2915	1967	2218	1990

Fatal Crashes 5 - Year Trend, East Orange

2018	2019	2020	2021	2022
4	0	4	5	10
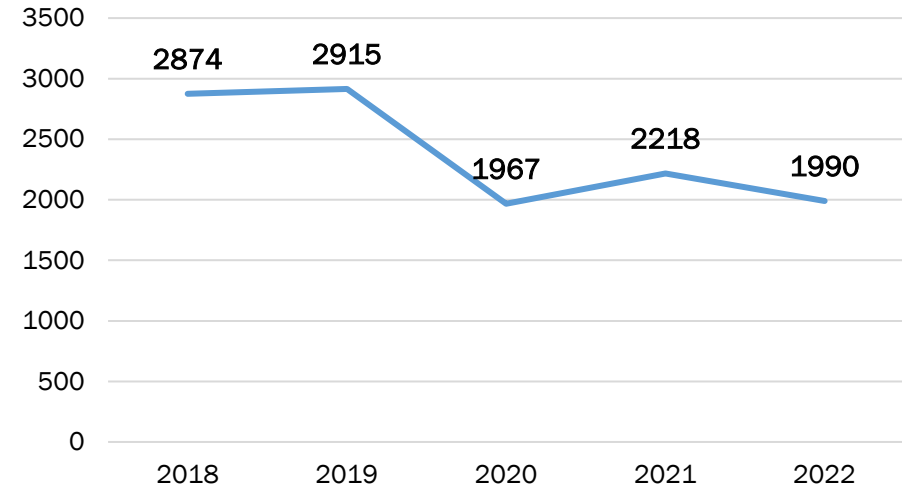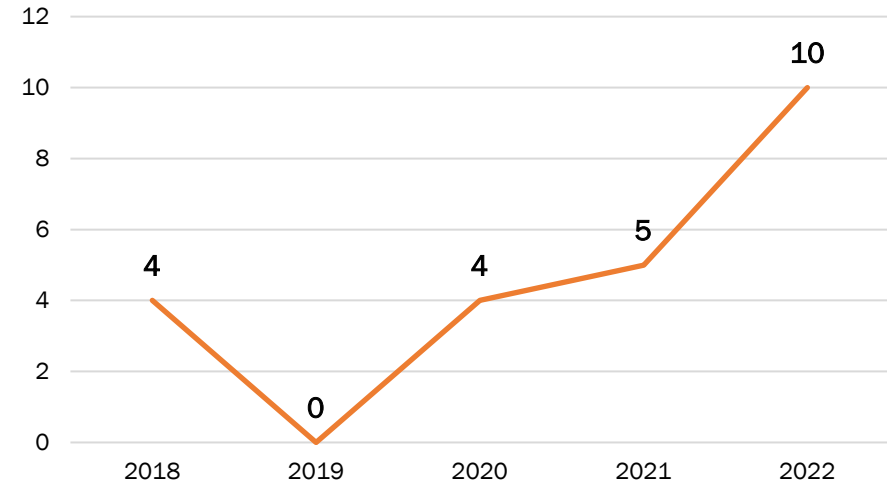
QUESTIONS?

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We want to hear from YOU!

¡Queremos saber de USTED!

Queremos ouvir de VOCÊ!

Nou vle tande W!

SURVEY & MAP

ENCUESTA Y MAPEE

PESQUISA E MAPEIE

SONDAJ AK KAT

Take The Survey Here | Complete la Encuesta Aquí | Responda à Pesquisa Aqui | Reponn Sondaj la
https://bit.ly/essex-survey

Online Survey & Map

Help spread the word?

Discussion

- **What's working?**

- **What could be improved?**

- **Vision for the future...**

  What's your vision for getting around Essex County safely in the future?