



11/24

Village of Palm Springs

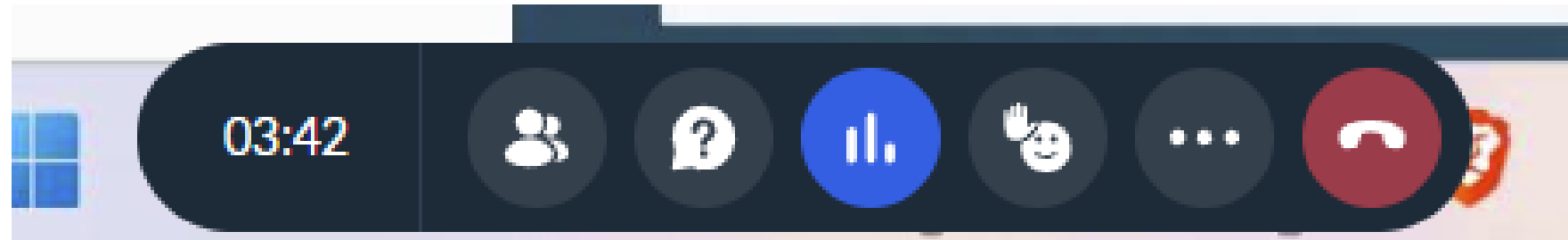
Vision Zero Task Force

Meeting 1: Vision Zero Introduction and Data Review



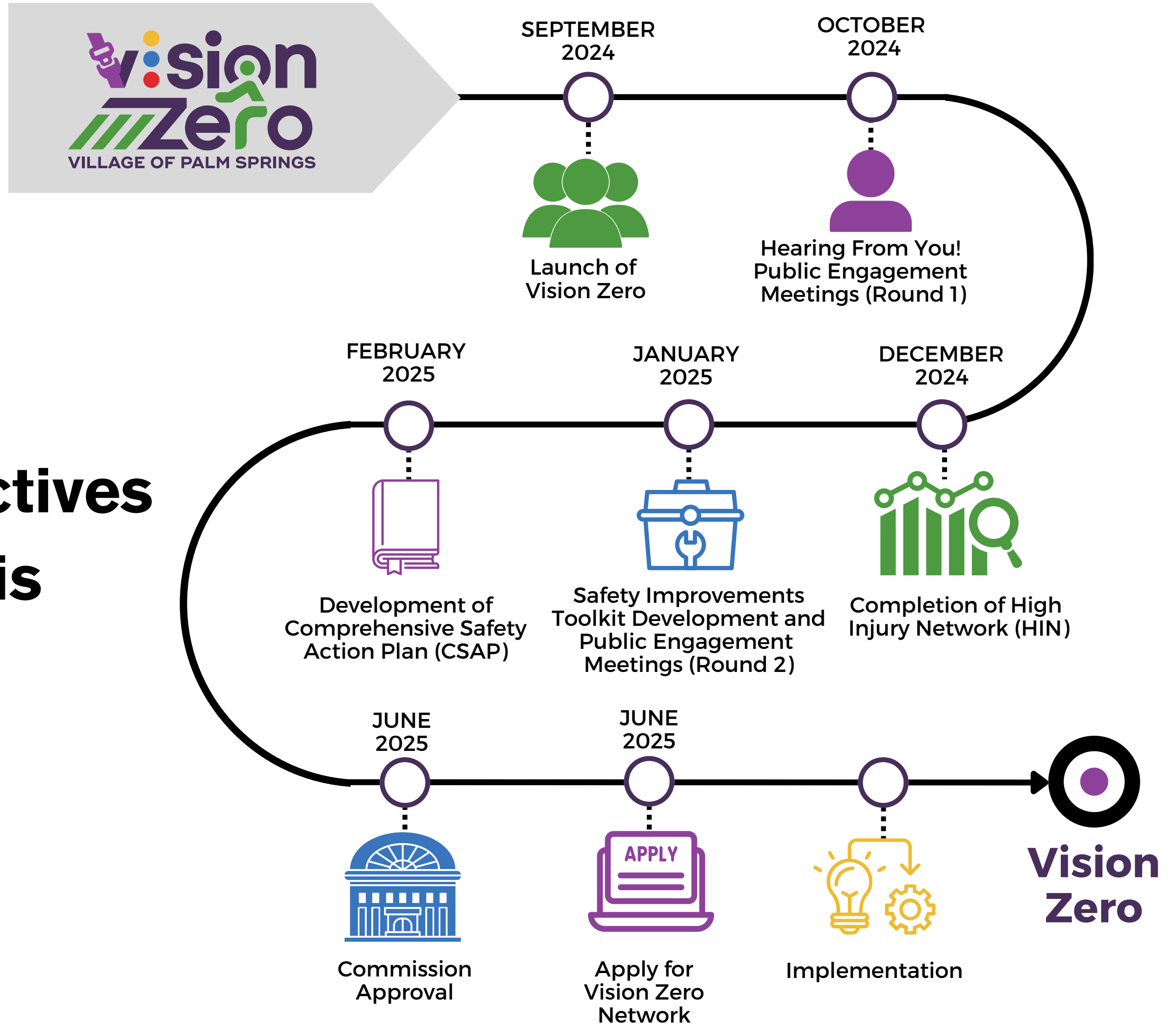
Meeting Logistics

- **How to use Zoho Webinar features**
- **How to use Zoho Poll?**



Agenda

- Introduction
- Timeline
- Meeting objectives
- Safety Analysis
- Polling



↓ Poll Section

**Before today's
presentation, how
familiar were you with
Vision Zero?**

↓ Poll Section

**Which mode of
transportation do you
use most frequently in
Palm Springs?**

↓ Poll Section

**Have you or someone
you know been involved
in a traffic crash in
Palm Springs?**

What is Vision Zero?

Vision Zero is a strategy to **eliminate all traffic fatalities and severe injuries**, while increasing safe, healthy, equitable mobility for all.





What is Vision Overview?

VILLAGE OF PALM SPRINGS VISION ZERO TASK FORCE

Core principle: All traffic deaths are preventable



Why Vision Zero? 2014- 2024

- **Total - 18,101 Crashes**
- **Pedestrian - 438**
- **Cyclist - 368**
- **Motorcycle - 225**
- **Motor Vehicles - 17,070**

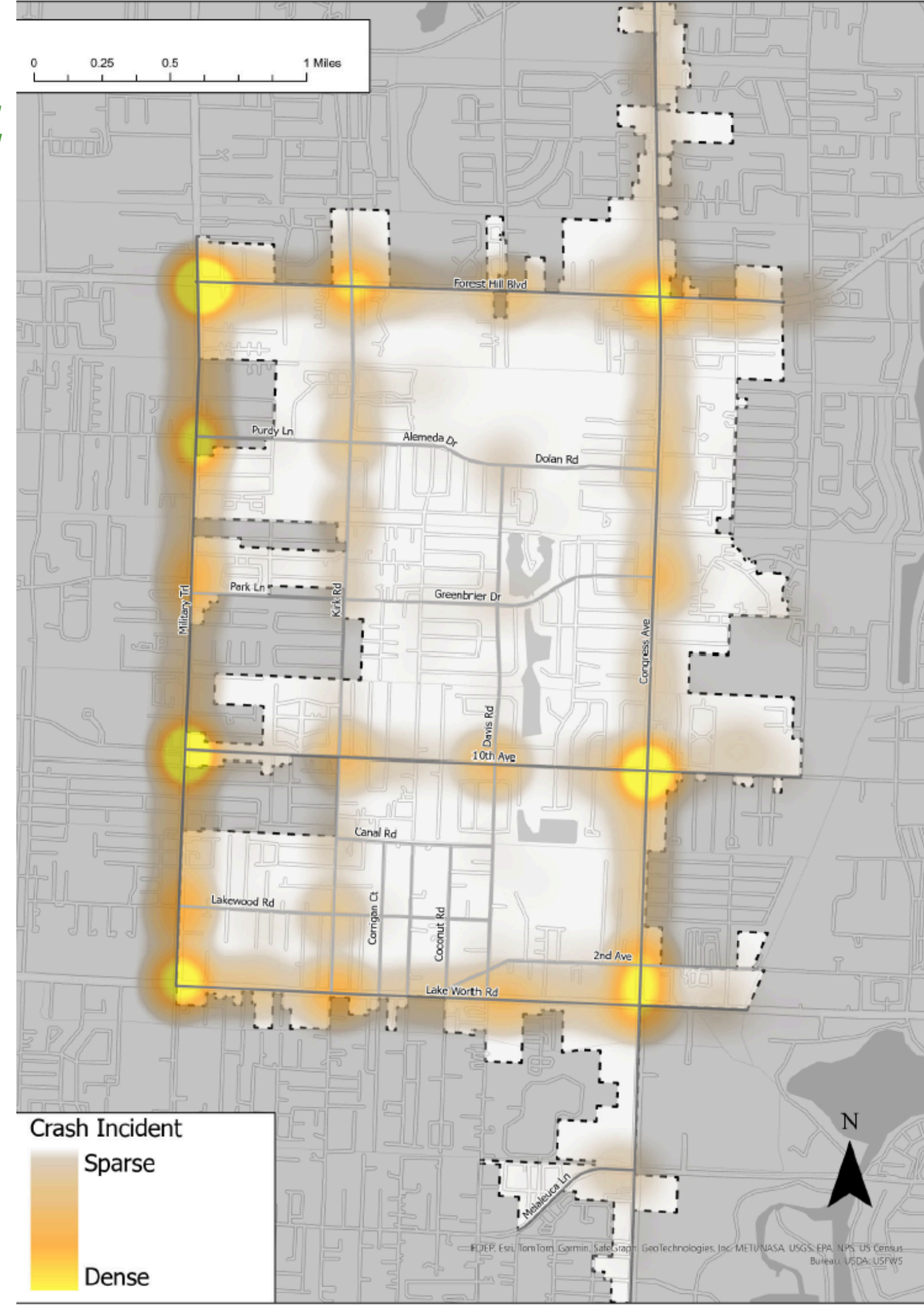
Average

Day

5

Month

151

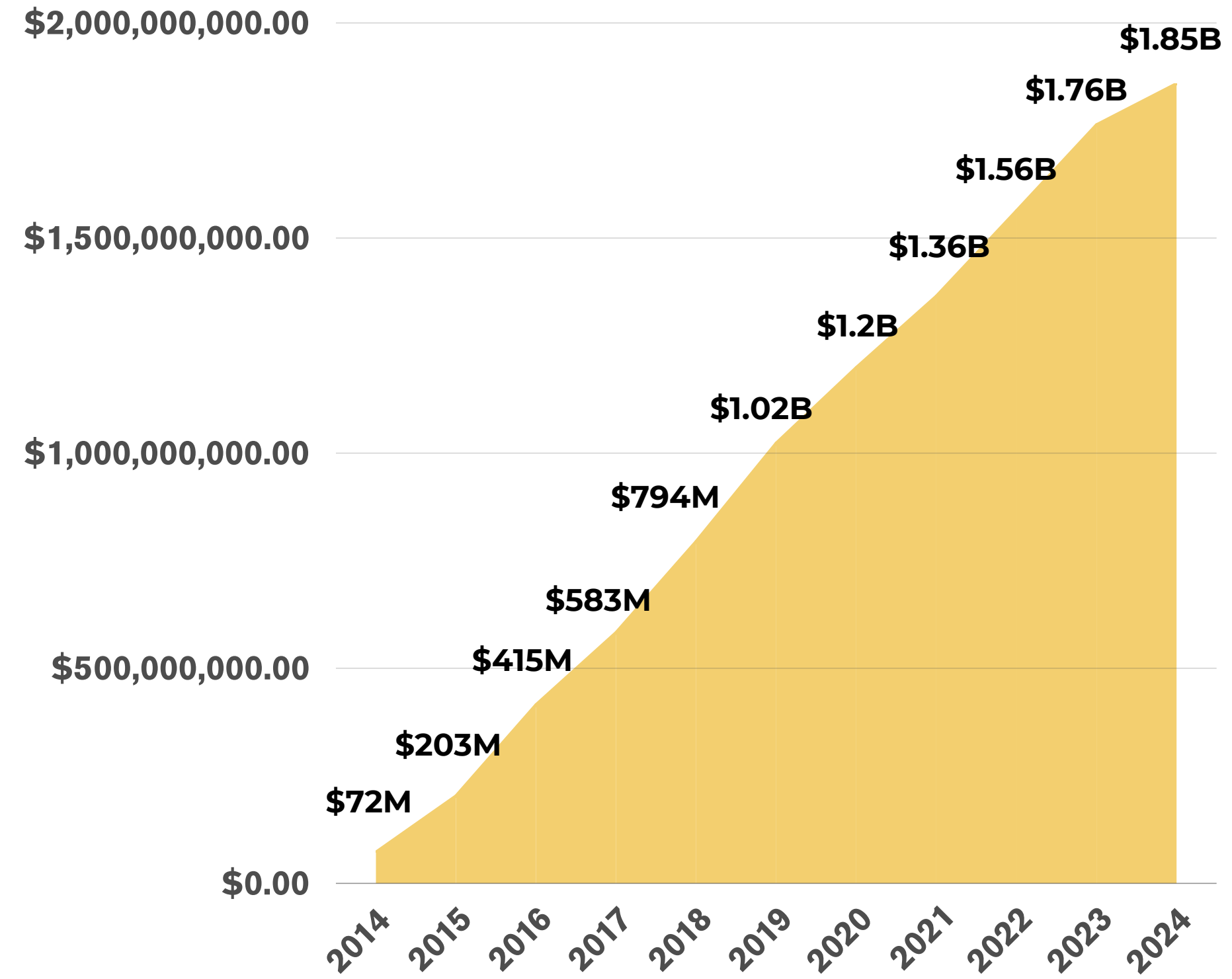


FDOT KABCO Crash Costs - Citywide

VILLAGE OF PALM SPRINGS VISION ZERO TASK FORCE

Crash Severity	Comprehensive Crash Cost
Fatal (K)	\$10,100,000
Severe Injury (A)	\$818,636
Moderate Injury (B)	\$163,254
Minor Injury (C)	\$99,645
Property Damage Only (O)	\$6,500

- Total Cost \$1.85B for 10 Years
- \$185M/YR
- \$15.4M/Month
- \$500k/Day

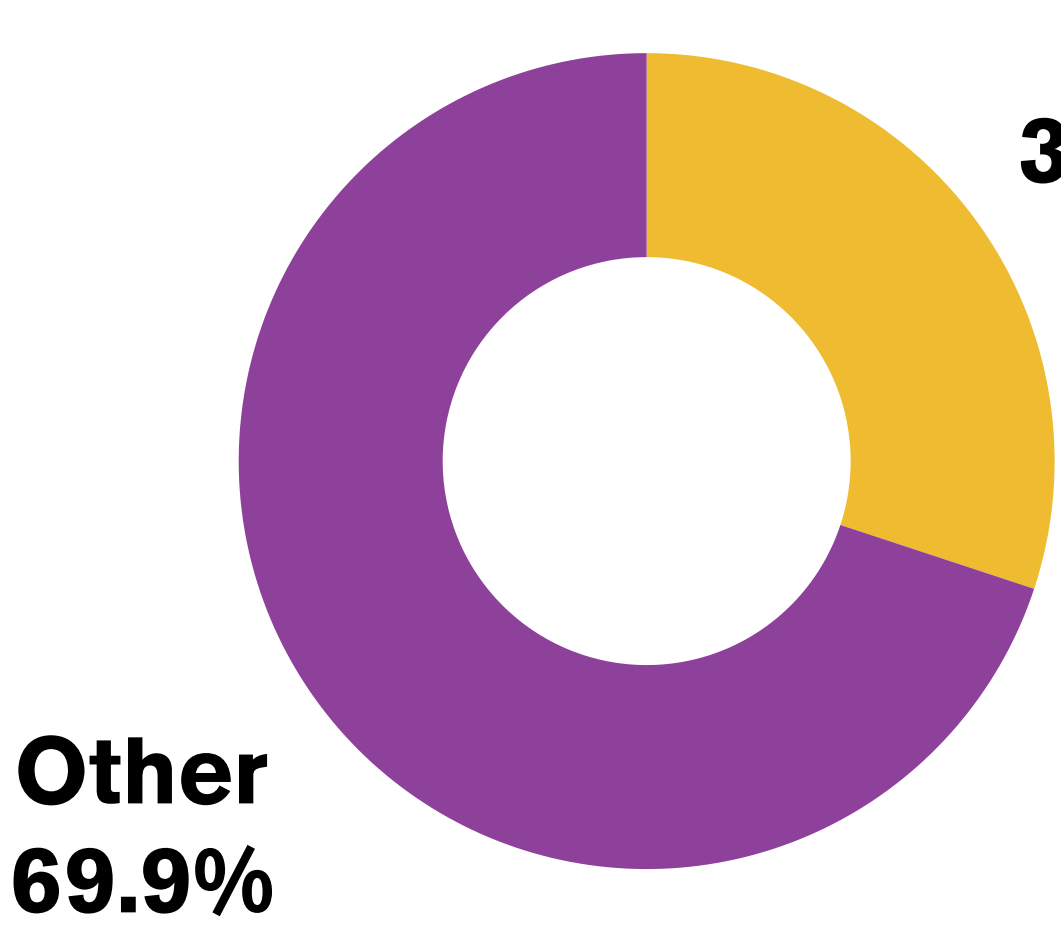


SOURCE: FLORIDA DEPARTMENT OF TRANSPORTATION CRASH ANALYSIS REPORTING (C.A.R.) SYSTEM

FDOT KABCO Crash Costs - KSI

VILLAGE OF PALM SPRINGS VISION ZERO TASK FORCE

Crash Severity	Comprehensive Crash Cost	Total	Cost/10 Year	Cost/Year
Fatal (K)	\$10,100,000	37	\$373.7M	\$37.4M
Severe Injury (A)	\$818,636	225	\$184.2M	\$18.4M
Total		262	\$557.9M	\$55.8M



KSI
30.1%

KSI represents around 1.5% of all crashes, yet accounts for 30% of the total societal cost.

SOURCE: FLORIDA DEPARTMENT OF TRANSPORTATION CRASH ANALYSIS REPORTING (C.A.R.) SYSTEM

Safe System Approach

- Safe People
- Safe Vehicles
- Safe Speeds
- Safe Roads
- Post-Crash Care



Safe System Principles

- Death/serious injury is unacceptable
- Humans make mistakes and are vulnerable
- Responsibility is shared
- Safety is proactive



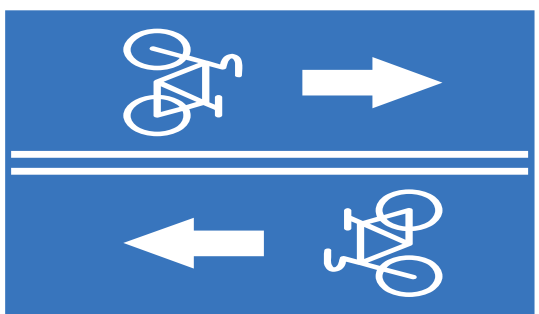
Source: 12 News

Safe System Approach



GO Palm Springs MOBILITY

Mobility Plan
Multimodal and Land-use



Safe Road Infrastructure



Safe Vehicles



Safe Road Use



Post Care Response

WHAT TO DO?



Safe System Approach



**Data-Driven
Decision Making**



Funding



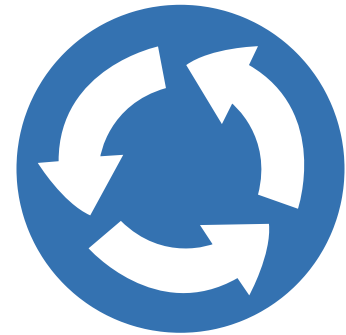
**Public Awareness
and Education**



**Speed
Management**



**Equitable
Programs**



**Safe Infrastructure
Design**



**Pedestrian and
Cyclist Safety**

HOW TO DO IT?



Safe System Approach



**Government Agencies:
PBC, FDOT, TPA Village**



**Law
Enforcement**




**Community and
Advocacy Groups**




WHO TO DO IT?



VULNERABLE TRAVELERS


Most crashes involve vehicles, but people walking or biking are much more likely to be injured or killed in crashes.





94.4%
Motor Vehicle

 **2.4%**  **1.2%**  **2.0%**
Pedestrian Motorcycle Bicyclist

 **18,101**
Total Crashes

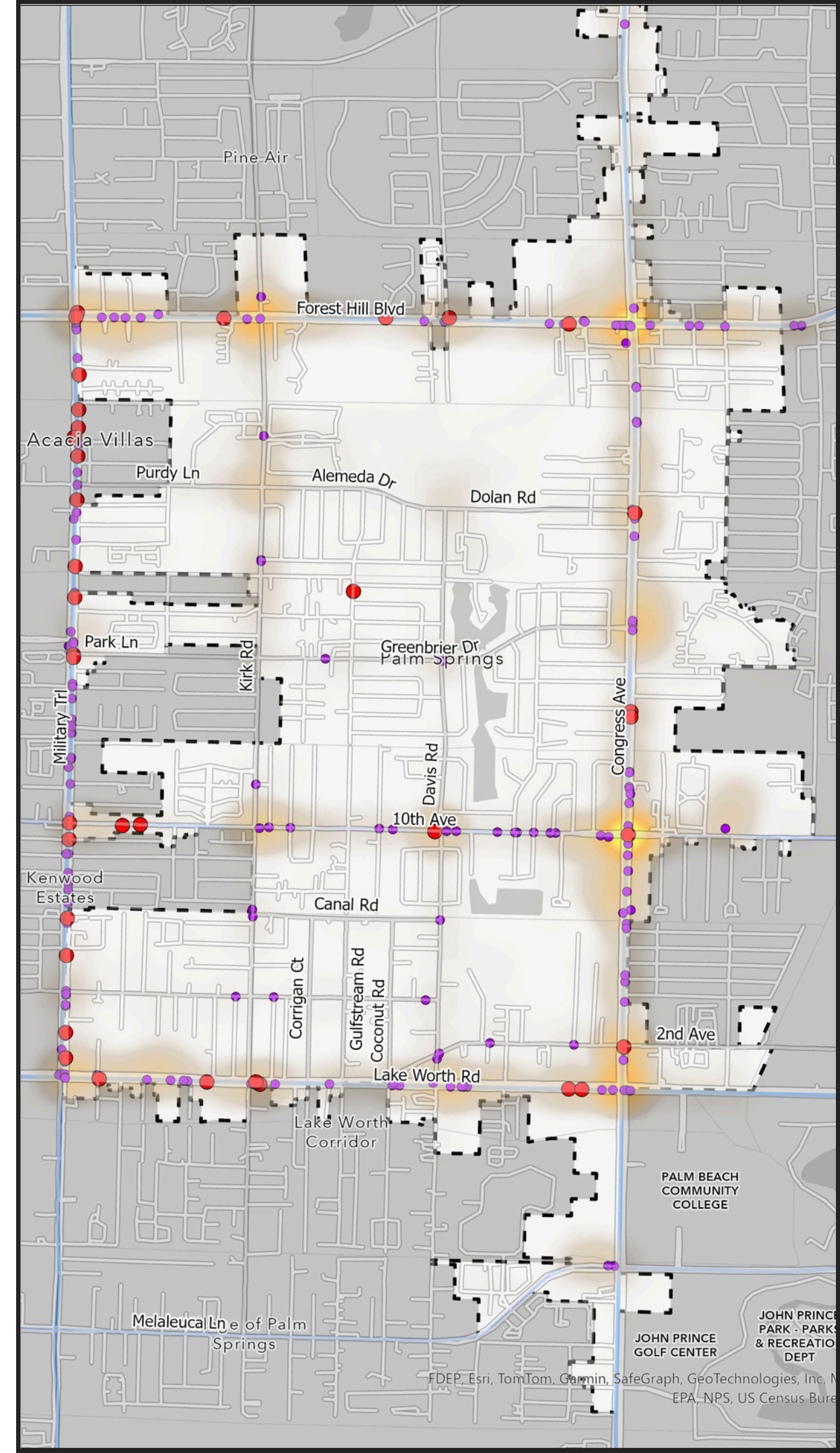



48.1%
Motor Vehicle

 **22.9%**  **18.7%**  **10.3%**
Pedestrian Motorcycle Bicyclist

Killed and Serious Injury

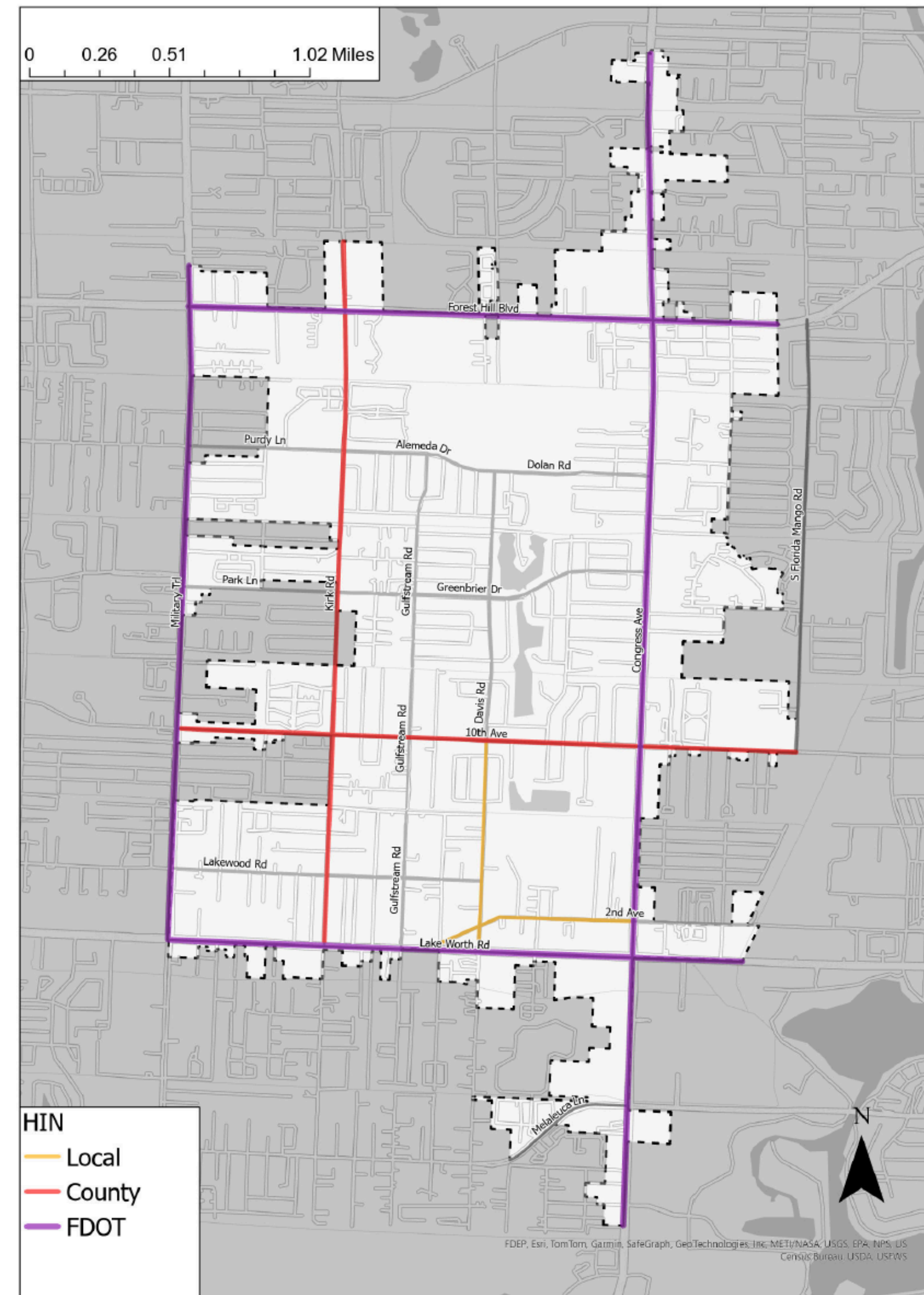
- **Total KSI = 262**
- **Pedestrian**
 - **17 - Fatality**
 - **50 - Serious Injury**
- **Cyclist**
 - **4 - Fatality**
 - **22 - Serious Injury**
- **Motorcycle**
 - **7 - Fatality**
 - **43 - Serious Injury**
- **Motor Vehicles**
 - **9 Fatality**
 - **139 - Serious Injury**



High Injury Network

- **Concentration of Crashes** - disproportionate number of severe and fatal crashes occur
- **Prioritization for Safety Intervention** - high-risk locations are priority for safety improvements
- **Focus on Equity and Vulnerability** - HIN intersect with Village where residents are more likely to walk

- FDOT HIN** 
- PBC HIN** 
- Village HIN** 



Timing Analysis



24%

Night Crashes
4,366 of 18,101
Total Crashes

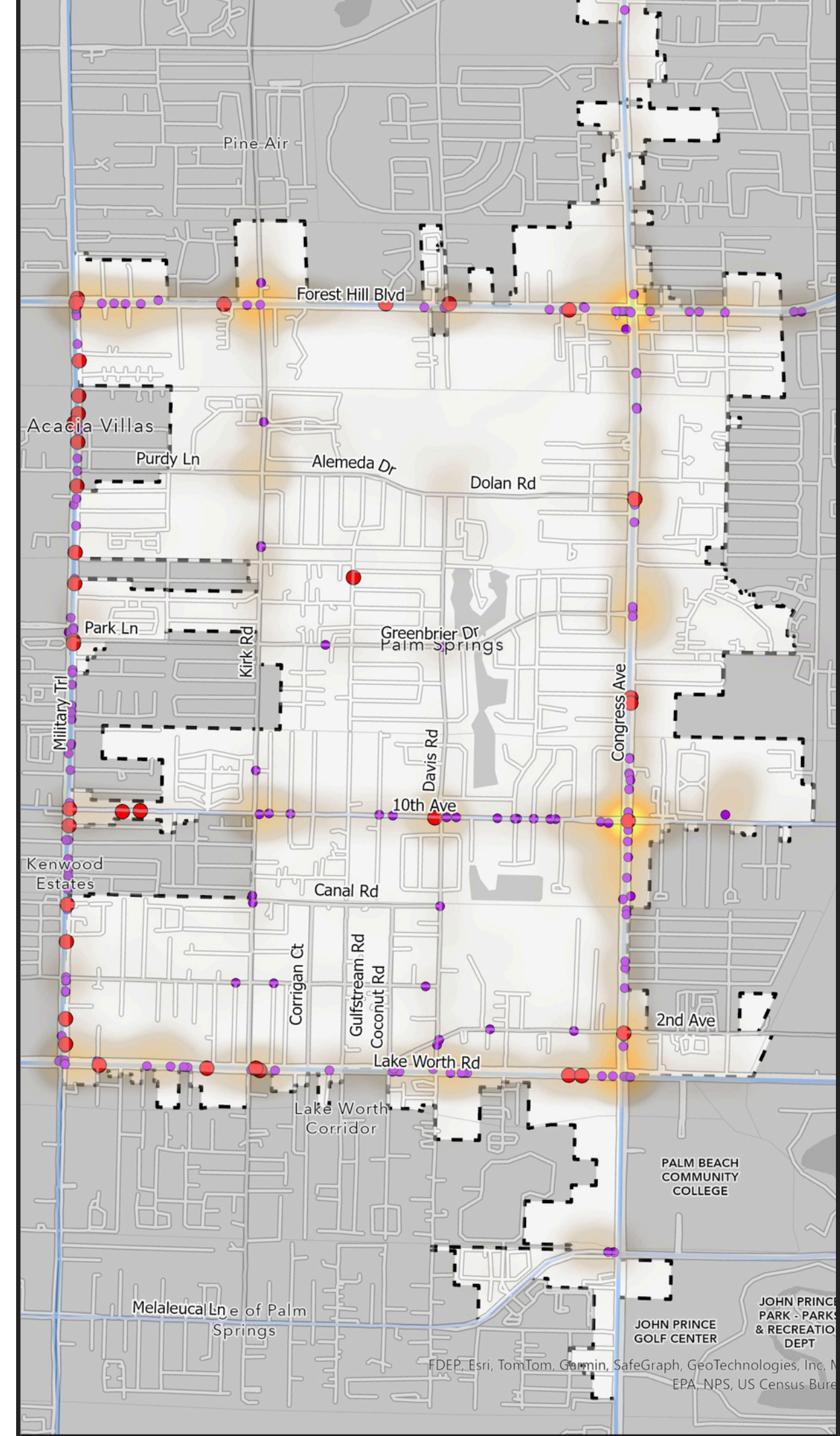


15 of 17

Pedestrian fatal
crashes

65%

24/37 fatal
crashes occur
at night



October 19th, 2024 8:56PM

VILLAGE OF PALM SPRINGS VISION ZERO TASK FORCE

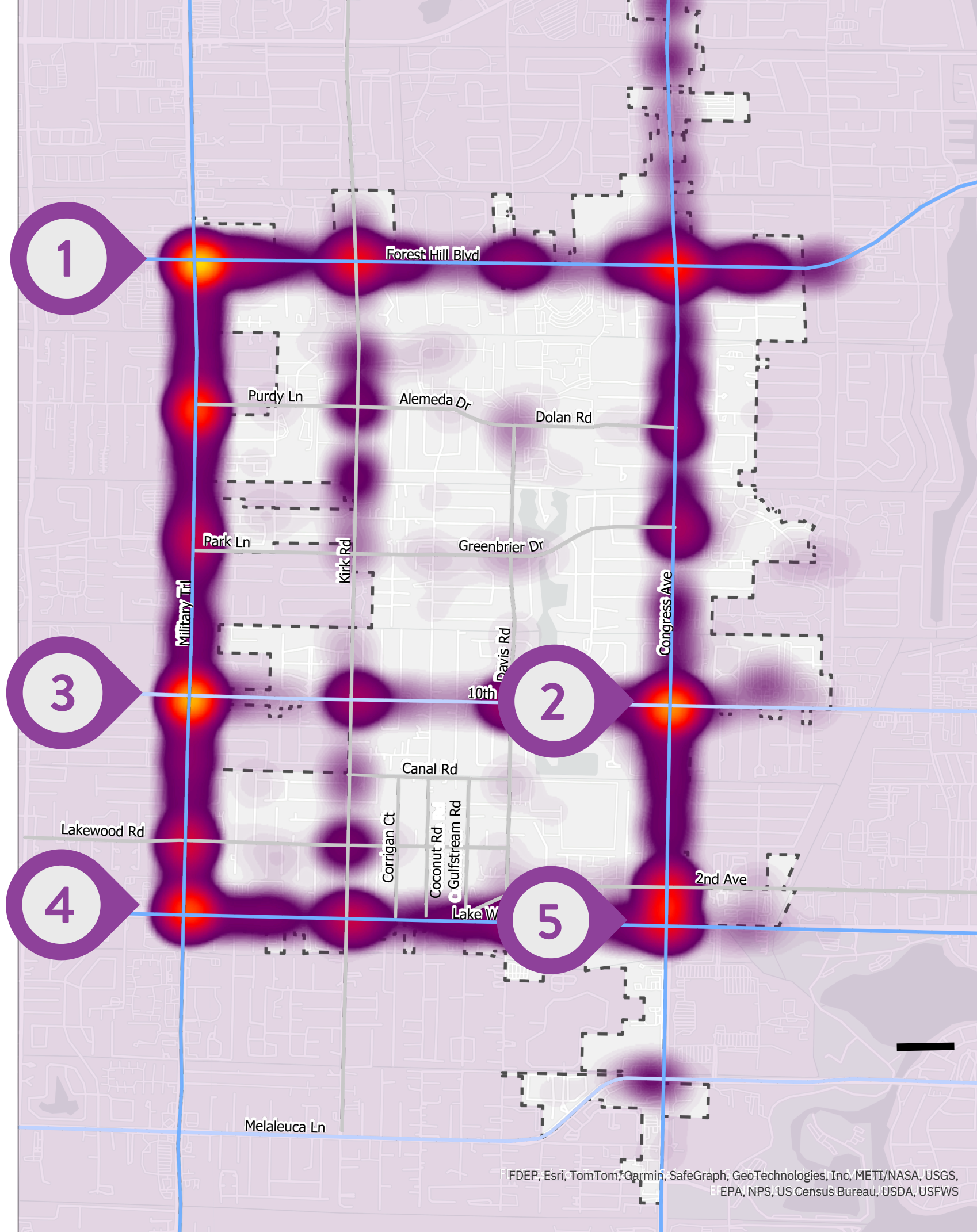


Top 5 Intersections

25.6% Crash Occur at Intersections

- **Pedestrian - 64 (4 Fatality)**
- **Cyclists - 127 (0 Fatality)**
- **Motorcycle - 64 (3 Fatality)**
- **Motor Vehicles - 3,909 (3 Fatality)**

- 1. Forest Hill & Military Trail**
- 2. 10th & Military Trail**
- 3. 10th & Congress**
- 4. Lake Worth & Congress**
- 5. Lake Worth & Military Trail**

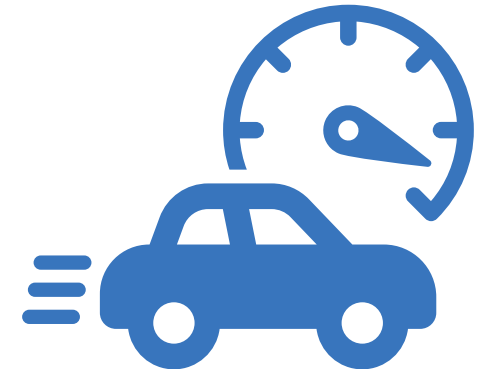


Crash Factor | Violations and Crash Type

Top 3 Crash Type



1414 (7.8%)
Aggressive Driving



713 (3.9%)
Speeding

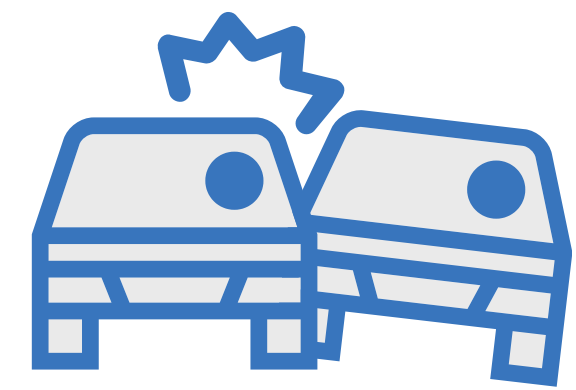


388 (2.1%)
Alcohol Related

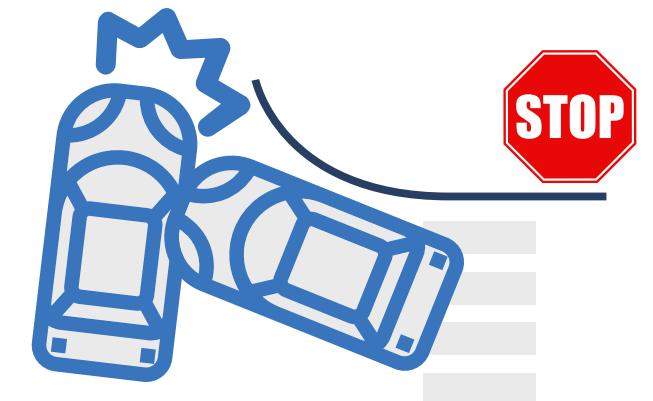
Violation Type



5,628 (31.1%)
Rear End



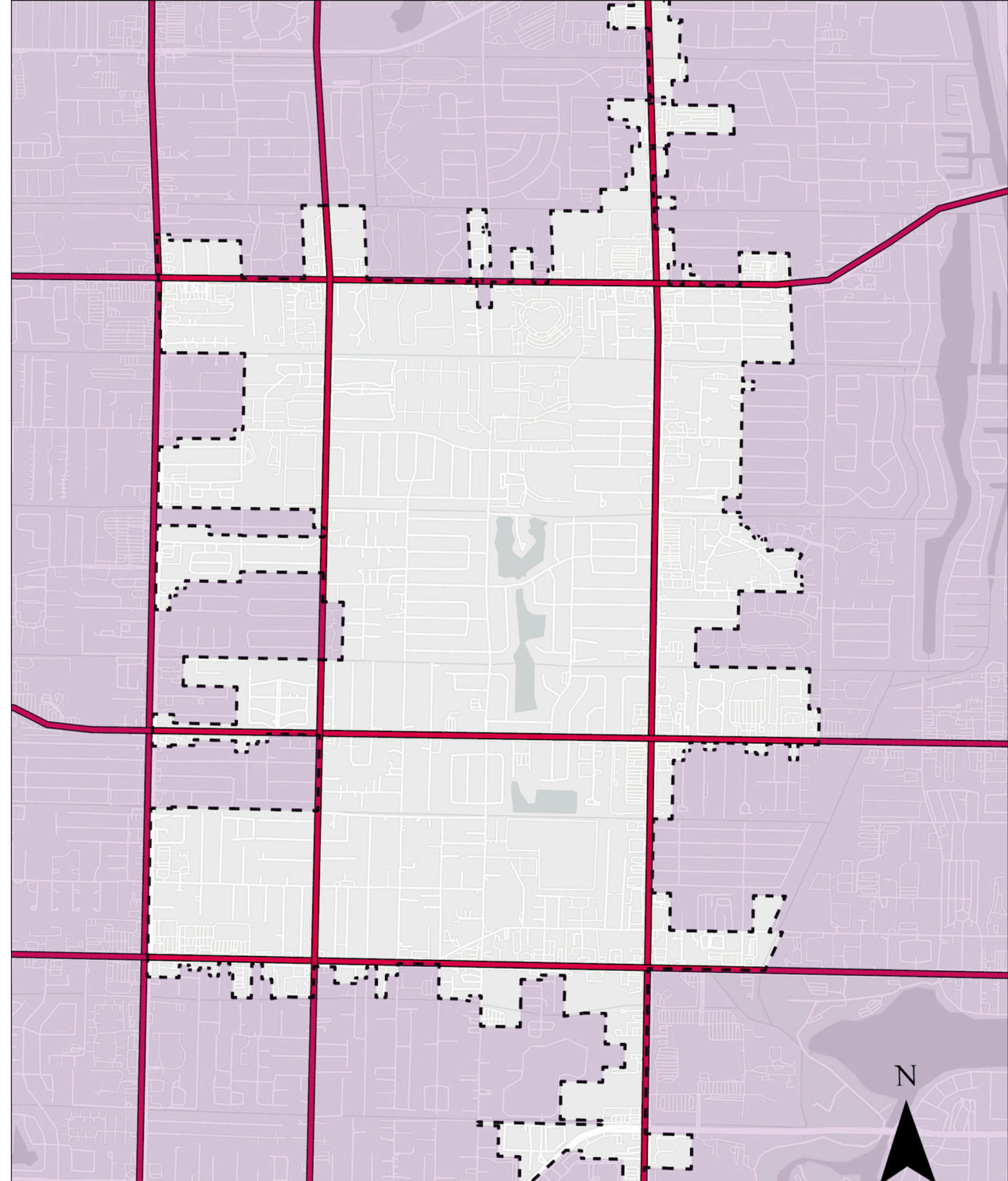
2,377 (13.1%)
Side Swipe



1,250 (6.9%)
Right Angle

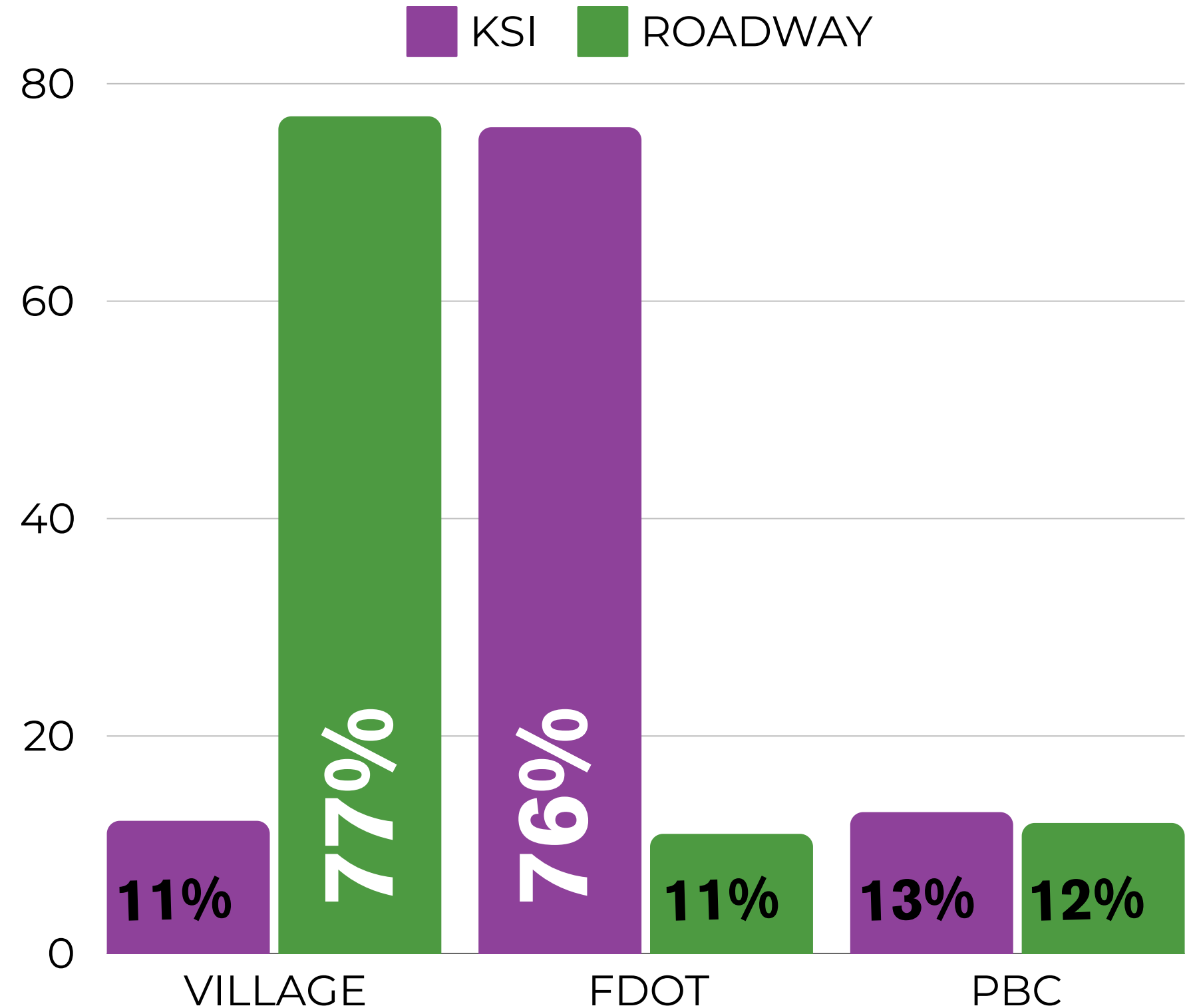
35+ MPH Speed Limit

- You're more likely to be involved in a severe crash with speed limits of 35MPH or higher than on slower safer streets
- 36 of 37 (97%) fatal crashes occur on roadway higher than 35MPH
- 213 of 226 (94%) serious injury crashes on the same roadways



Crash Rate by Facility Type

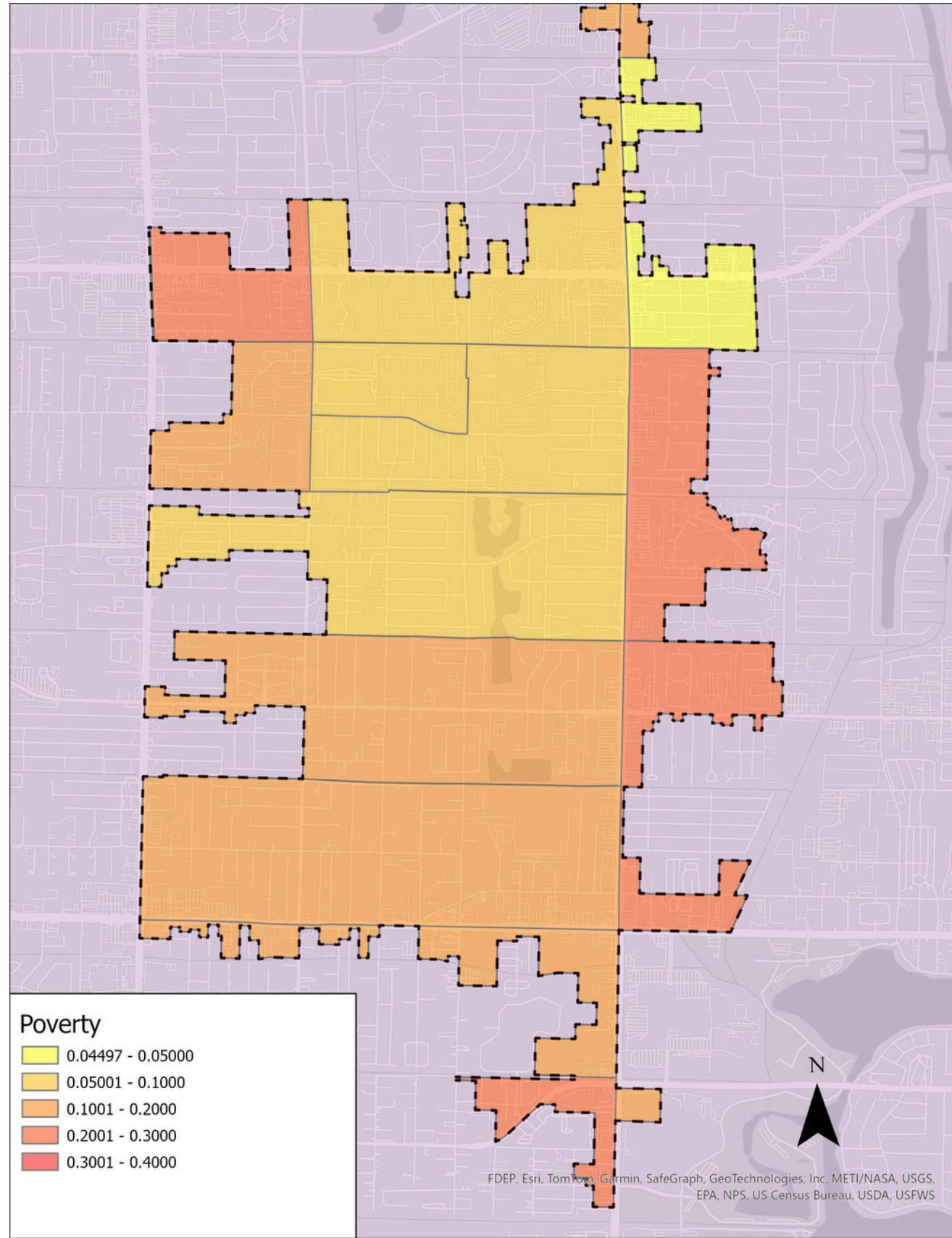
- **76% of all Killed or Seriously Injured (KSI) incidents occur on Florida Department of Transportation (FDOT) roadways.**
- **FDOT roadways make up 11% of the total roadway network in the Village.**
- **Palm Beach County roadways account for 13% of KSI incidents within the county.**
- **88% of KSI incidents occur on roadways that the Village does not maintain, which comprise 23% of all roadways in the Village.**
- **11% of KSI incidents happen on Village-maintained roads, which represent 77% of the Village's roadway ownership.**



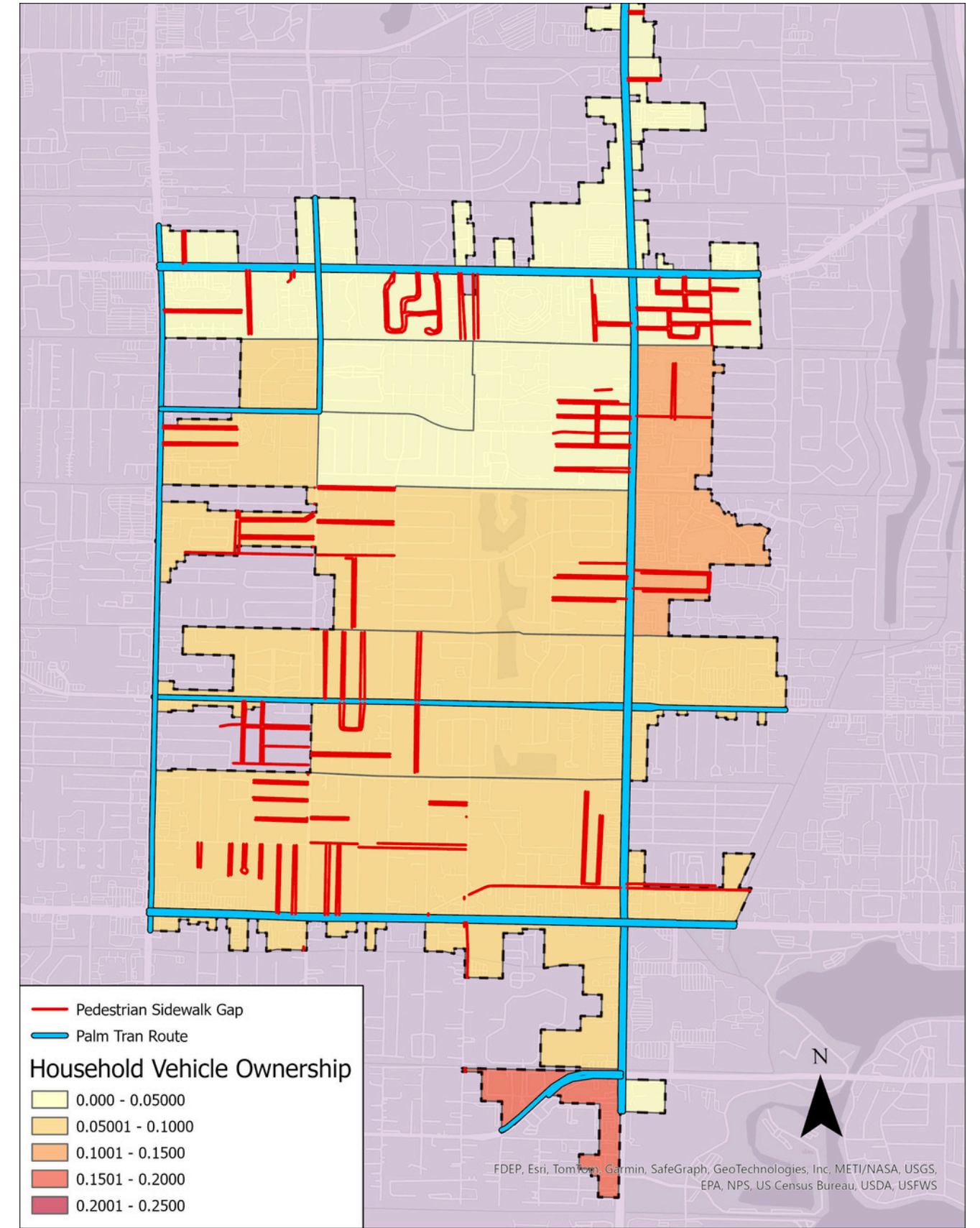
Equity Consideration

VILLAGE OF PALM SPRINGS VISION ZERO TASK FORCE

Poverty



Car Ownership



Equity Consideration

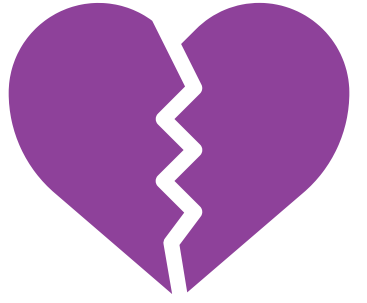
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RISK LEVEL

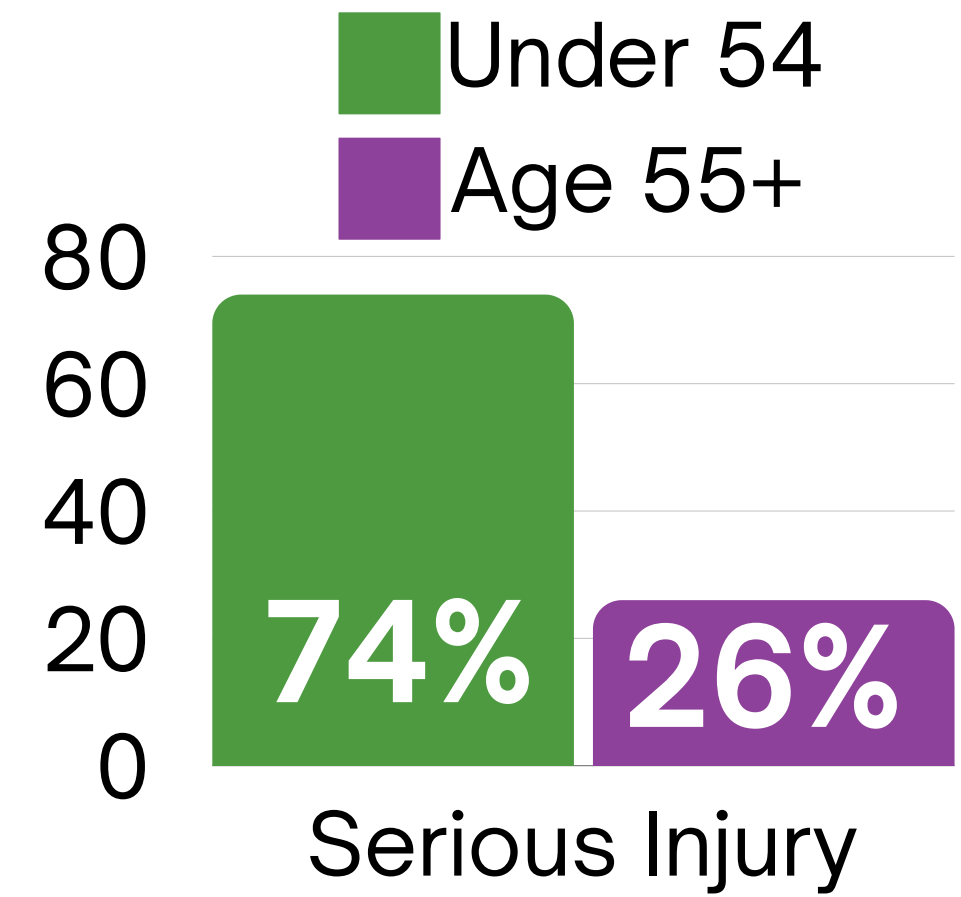
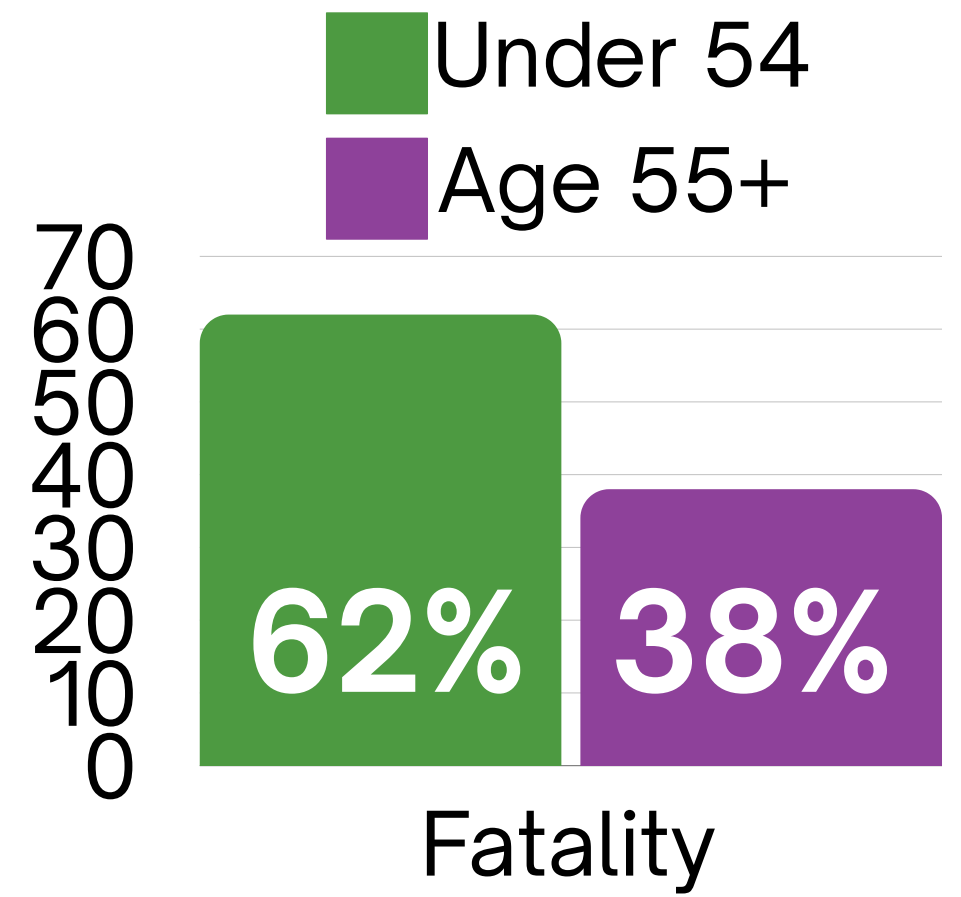


Seniors (55+) make up 27% of total killed and serious injury rates

SURVIVAL RATE



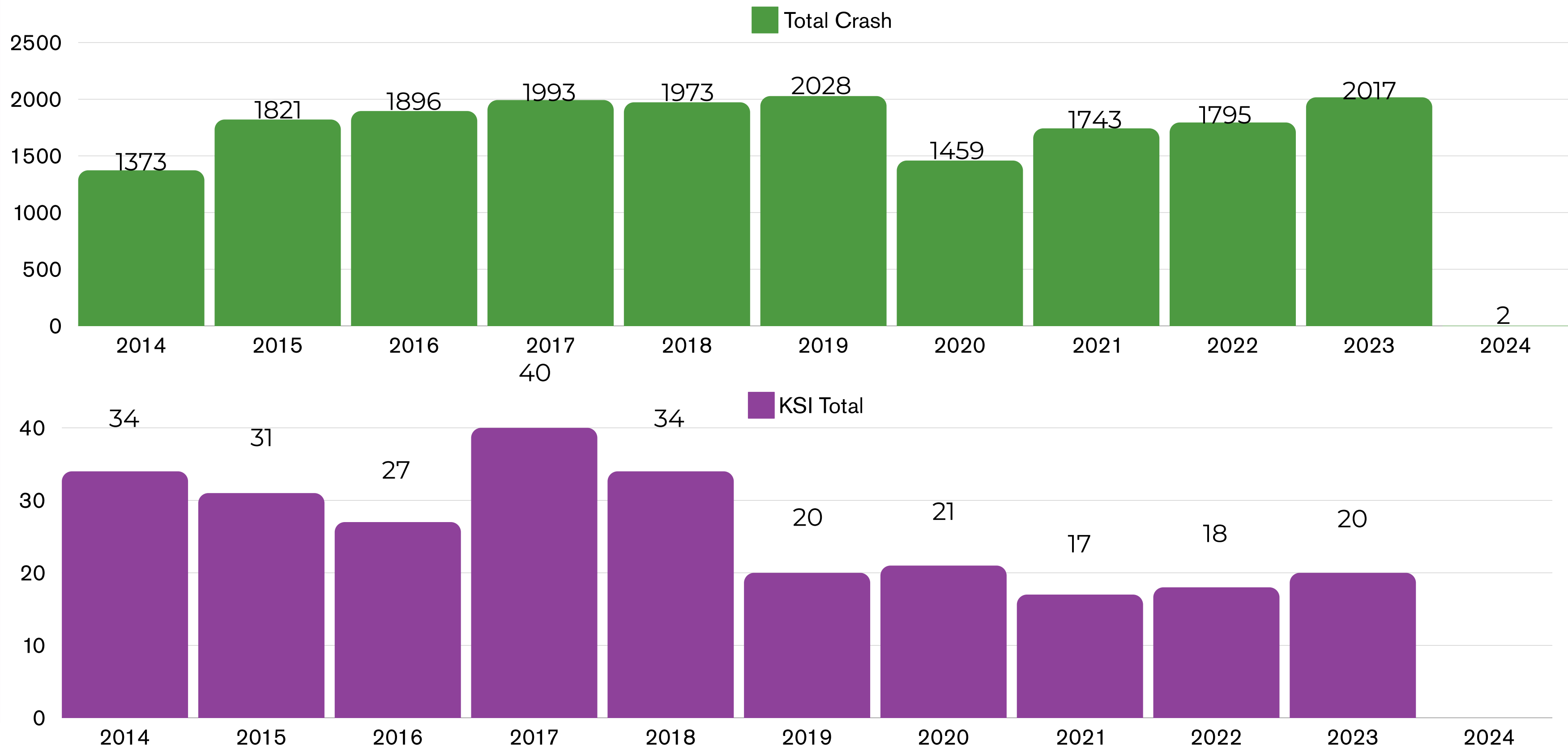
Seniors (55+) make up 38% of total Fatalities





Crash Totals By Year

VILLAGE OF PALM SPRINGS VISION ZERO TASK FORCE



Community Engagement

Hispanic Heritage Festival



9/21/2024

Spooky Springs Halloween Trunk or Treat



10/19/2024

Senior Citizen Health Expo



10/30/2024

Community Input

Demographics:

- Gender: 80.6% female, 19.4% male
- Age: 18-34 (33%), 35-54 (33%), under 18 (22%)
- Ethnicity: 66% Hispanic/Latino, 21% White (non-Hispanic)
- 76.7% residents of the Village

Key Findings

Travel Patterns:

- 81.6% travel by driving
- 34% walk

Safety Perceptions:

- Top factors contributing to crashes:
 - Distraction (59% high/very high)
 - Speeding (53% high/very high)
 - Motorists (42% high/very high)
- Respondents felt safest driving, least safe biking

Neighborhood Improvements Needed

Top 3:

- Pedestrian facilities (46.6%)
- Traffic calming measures (41.8%)
- Bike facilities (35%)

Transportation Options:

- 67% sufficient options
- 31% insufficient options

↓ Poll Section

**In your opinion, what is
the biggest safety
concern on Palm
Springs streets?**

Poll Section

Which area of Palm Springs do you feel needs the most urgent safety improvements?

Poll Section

Polling Results and Discussion

Resources

WHAT IS VISION ZERO & WHY DO WE NEED TO TAKE ACTION?

Every year, about 4 people die and 25 people are seriously injured in Palm Springs crashes. Vision Zero is an international movement to reach zero traffic fatalities.

Vision Zero Palm Springs' goal is simple: saving lives. Zero traffic deaths. Everyone should be able to travel safely around Palm Springs without the fear of death or serious injury.

This coordinated planning effort led by the Village of Palm Springs in partnership with local agencies will result in a comprehensive Vision Zero Safety Action Plan for our village, as well as additional action plans tailored for specific neighborhoods.

What will the Vision Zero Safety Action Plan include?

The village plan will include the following:

- High Injury Network:** Analyzing data to identify places on the transportation system with the highest risk for fatal and serious injury crashes so that we can focus on our most important problem areas.
- Equity:** Identifying and prioritizing efforts in disadvantaged communities that are disproportionately affected by traffic crashes.
- List of Priority Streets and Intersections:** Producing a list of feasible projects that have the most safety impact for our village.
- Educational and Enforcement Programs:** Identifying key behavioral changes needed to reduce crashes and methods for encouraging these changes.
- Sustained Effort:** Establishing a defined process and identifying an organization responsible for carrying out, updating, and monitoring progress.
- Public Meetings:** Public engagement is a key part of the study.

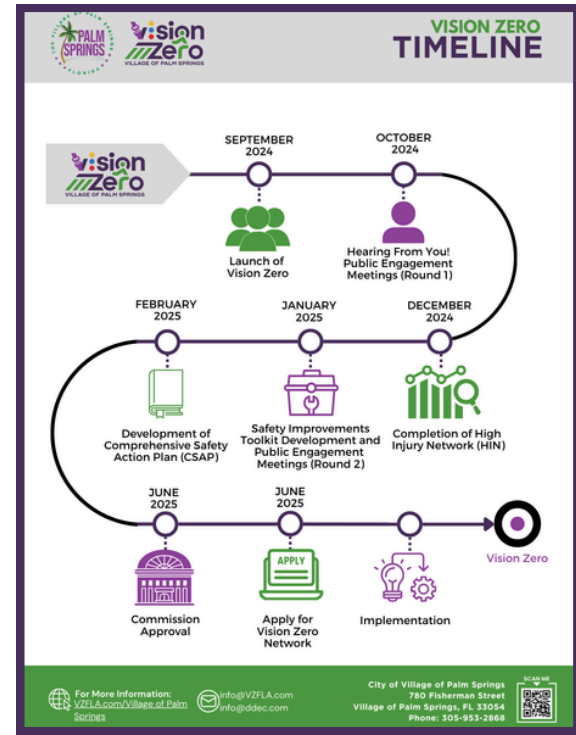
Outcome: Identified projects will be included in Palm Beach Transportation Planning Agency (TPA) or local jurisdiction priority projects list for funding/implementation.

VILLAGE OF PALM SPRINGS (2014-2024)

37 people were killed on our roadways including:

- 8 Motorist deaths
- 17 Pedestrian deaths
- 7 Motorcyclist deaths
- 4 Bicyclist deaths

For More Information: info@VZLA.com, info@vzla.com, info@vzla.com



Safety Trends 55+ COMMUNITY

What is VISION ZERO? Vision Zero is a strategy to eliminate all traffic fatalities and severe injuries, while increasing safe, healthy, equitable mobility for all.

Take Action! We are creating a comprehensive Vision Zero Action Plan for the Village of Palm Springs!

GET INVOLVED

18,101 Crashes in the Village

17,070 Motor Vehicles

37 Killed

438 Pedestrians

259 Seriously Injured

368 Cyclists

225 Motorcycles

65% of fatal crashes occur at night

88% of pedestrian crashes are fatal

95% of fatal crashes on 35MPH+ roads

For More Information: info@VZLA.com, info@vzla.com, info@vzla.com

Plan de Acción Visión Cero

Un total de 18,101 cheques ocurrieron en las calles de Village of Palm Springs entre 2014 y 2024

37 Muertes, 254 Gravemente Heridos

17,070 Vehículos, 438 Peatones, 368 Ciclistas, 225 Motociclistas

AVISO DE CERO MUERTES

For More Information: info@VZLA.com, info@vzla.com, info@vzla.com

VISION ZERO FACT SHEET

What is Vision Zero? The Village of Palm Springs has set a Vision Zero goal of eliminating deaths and serious injuries from roads by 2030. Vision Zero is a global initiative focused on eliminating all traffic fatalities and severe injuries while promoting safe, healthy, and equitable mobility for all. The Vision Zero philosophy acknowledges that even a single death on a transportation system is unacceptable and places the almost priority on ensuring safe mobility for all road users.

Is the Vision Zero goal achievable? Cities that have adopted Vision Zero principles and strategies have seen significant reductions in traffic fatalities and injuries over time. To achieve the goal, the Village of Palm Springs is developing a Comprehensive Safety Action Plan (CSAP) to identify safety issues and specific actions that can be implemented to improve safety for people traveling by any mode throughout the city.

What is the Safe System approach to Vision Zero? Utilizing a Safe System Approach, specific actions can be developed and implemented to improve safety for people. Safe System elements focus on safe road users, safe vehicles, safe speeds, safe road design, and post-crash care. Together, these elements create a holistic, multi-layered system of protection for all road users.

What are some projects, programs, and policies that may be considered as part of the Action Plan? We are gathering data about the city's high-crash locations and community feedback to help inform the Action Plan. Examples of measures that may be considered are:

- Designing safer street crossings and pedestrian walkways
- Installing protected bike lanes and bike-friendly infrastructure
- Reducing vehicle speeds in areas with high pedestrian and cyclist activity
- Educating drivers on the importance of sharing the road safely with pedestrians and cyclists

How is Vision Zero Tailored to Meet the Needs of All Neighborhoods? Vision Zero recognizes that traffic safety is a social justice issue and aims to ensure that all communities, especially those disproportionately affected by traffic crashes, have access to safe and reliable transportation options. This includes addressing disparities in infrastructure investment, enforcement practices, and access to transportation resources.

Can I Get Involved and Provide Feedback? Vision Zero involves collaboration among various stakeholders, including government agencies, transportation departments, law enforcement, community organizations, and the public. Each plays a role in implementing strategies to improve road safety. For this reason, public input is important to the development of the plan. Learn more at our website: VZLA.com/palmsprings

Information & Updates Stay informed about the latest developments, announcements, and happenings with our dedicated News and Updates section on our website. Subscribe to the Village of Palm Springs Vision Zero email list at VZLA.com/palmsprings

How is the Action Plan Funded? The Safe Streets and Roads for All (SS4A) grant is a federal grant that provides funds to local, regional, and Tribal communities to implement, demonstrate, and plan projects that improve safety and prevent serious injuries and deaths on roadways.

For More Information: info@VZLA.com, info@vzla.com, info@vzla.com

What is Vision Zero?

The Vision Zero philosophy states that even a single death on the road is unacceptable and places a priority on ensuring the safety of all road users.

Elements of Vision Zero

- Safe Road Users
- Safe Vehicles
- Safe Speeds
- Safe Roads
- Post-Crash Care

VULNERABLE TRAVELERS Most crashes involve vehicles, but people walking or biking are much more likely to be injured or killed in crashes.

CRASHES THAT RESULT IN SERIOUS INJURY OR DEATH People riding motorcycles, walking and bicycling are more likely to be severely injured or killed than those in a car.

CRASHES THAT RESULT IN SERIOUS INJURY OR DEATH

- 23.3% of pedestrian-involved crashes
- 31.8% of pedestrian-involved crashes
- 10.8% of cyclist-involved crashes
- 1.1% of all motorist-involved crashes

Common Fatal and Serious Injury Crash Types

- 10.9% Rear End
- 11.8% Angle

Reducing vehicle speeds in areas with high pedestrian and cyclist activity

71% of FSI crashes that happen on roads with speed limits greater than 30mph.

Designing safer street crossings and pedestrian walkways

41% of FSI crashes with people walking happened when a person was crossing the street in a crosswalk or walking on the sidewalk or shoulder.

Installing protected bike lanes and bike-friendly infrastructure

50% of FSI crashes with people riding bicycles, the person riding a bicycle was doing nothing improperly to contribute to the crash.

For More Information: info@VZLA.com, info@vzla.com, info@vzla.com

VISION ZERO FACT SHEET

What is Vision Zero? The City of Village of Palm Springs has set a Vision Zero goal of eliminating deaths and serious injuries from our roads by 2030. Vision Zero is a global initiative focused on eliminating all traffic fatalities and severe injuries while promoting safe, healthy, and equitable mobility for all.

Is the Vision Zero Goal Achievable? Village of Palm Springs is creating a Comprehensive Safety Action Plan to enhance safety for all travelers and reduce traffic incidents, following successful outcomes in cities embracing Vision Zero principles.

VULNERABLE TRAVELERS Most crashes involve vehicles, but people walking or biking are much more likely to be injured or killed in crashes.

CRASHES THAT RESULT IN SERIOUS INJURY OR DEATH People riding motorcycles, walking and bicycling are more likely to be severely injured or killed than those in a car.

CRASHES THAT RESULT IN SERIOUS INJURY OR DEATH

- 96.0% Motor Vehicles
- 2.4% Pedestrian
- 1.2% Motorcycle
- 2.0% Bicyclist

CRASHES THAT RESULT IN SERIOUS INJURY OR DEATH

- 0.42% Motor Vehicles
- 0.27% Pedestrian
- 0.27% Motorcycle
- 0.15% Bicyclist

People walking and bicycling are involved in 4.4% of all crashes but account for 32% of those resulting in serious injury or death.

What is the Safe System Approach to Vision Zero? The Safe System Approach to Vision Zero involves developing and implementing specific actions to improve safety for people. This approach focuses on elements such as safe road users, safe vehicles, safe speeds, safe road design, and post-crash care.

What are Some Projects, Programs, and Policies that may be considered as Part of the Action Plan? As we gather data on our city's high-crash locations and gather community feedback to inform the Action Plan, examples of measures that may be considered include:

- Designing safer street crossings and pedestrian walkways
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How is Vision Zero Tailored to Meet the Needs of All Neighborhoods? Vision Zero recognizes that traffic safety is a social justice issue and aims to ensure that all communities, especially those disproportionately impacted by traffic crashes, have access to safe and reliable transportation options. This includes addressing disparities in infrastructure investment, enforcement practices, and access to transportation resources.

REPORTED FATAL AND SERIOUS INJURY (FSI) CRASH TRENDS (Data year parameters: 2014-2022 Source: SignalAnalytics)

- 75.6% of all FSI crashes in Village of Palm Springs happened on multi-lane arterials. These streets are only 27.2% of the City's network.
- 65% of FSI crashes with people walking happened when a person could not cross the street safely.
- 42.8% of FSI crashes with people riding bicycles, the person riding a bicycle could not cross the street safely.
- 30.6% of FSI crashes with people riding motorcycles involved a vehicle making a left turn before the crash.

For More Information: info@VZLA.com, info@vzla.com, info@vzla.com

Safety Analysis

WHERE ARE THE VILLAGE'S MOST DANGEROUS STREETS?

PAST 10 YEARS... 37 Killed, 254 Seriously Injured

97% FATAL CRASHES, 95% SERIOUS INJURY occur at night

1 of 4 total crashes are all motorist-involved at night

65% fatal crashes occur at night

88% pedestrian see fatal crashes at night

9, 139, 17, 50, 7, 43, 4, 22

ZERO DEATHS AHEAD

For More Information: info@VZLA.com, info@vzla.com, info@vzla.com

Safe Streets

OUR STREETS SHOULD BE SAFE FOR EVERYONE!

SAFE SPEEDS Lowering speed limits to 20 mph in residential areas helps protect pedestrians and cyclists by giving drivers more time to react and reducing the severity of crashes.

DAYLIGHTING INTERSECTIONS Removing parking spaces near corners improves visibility for both drivers and pedestrians, making it easier to see and avoid potential conflicts.

TRAFFIC CALMING Installing features like speed bumps, chicanes, or narrowed lanes naturally slows traffic in residential areas, creating safer streets for everyone.

PROTECTED BIKE LANES Installing physical barriers between bike lanes and car traffic creates a safe space for cyclists, encouraging more people to bike and reducing the risk of collisions.

PEDESTRIAN ISLANDS Building safe waiting areas in the middle of wide streets allows people to cross in two stages, reducing their exposure to traffic and making it easier for those who move more slowly.

LEADING PEDESTRIAN INTERVALS Giving pedestrians a head start at crosswalks before cars get a green light increases their visibility and reduces conflicts with turning vehicles.

HIGH-VISIBILITY X-WALKS Painting crosswalks with bold, ladder-style stripes makes them more noticeable to drivers, increasing pedestrian safety and encouraging more people to use designated crossing areas.

ZERO DEATHS AHEAD

For More Information: info@VZLA.com, info@vzla.com, info@vzla.com

Next Steps and Q&A

- **Survey Questionnaire -**

<https://survey.zohopublic.com/zs/K103YN>



- **Meeting 2: Goal Setting and Strategy Development**

VILLAGE OF PALM SPRINGS VISION ZERO TASK FORCE



THANK YOU ↙

