



Uintah County Comprehensive Safety Action Plan

Safety Launch Meeting
January 29, 2025

Agenda



Introductions



Project Purpose



Safe Streets and Roads for All (SS4A)
Program



Safe System Approach



Comprehensive Safety Action Plan
(CSAP) Overview



What Have We Learned So Far



What is a Comprehensive Safety Action Plan?



Goal

Reduce traffic fatalities and serious injury crashes throughout all Uintah County

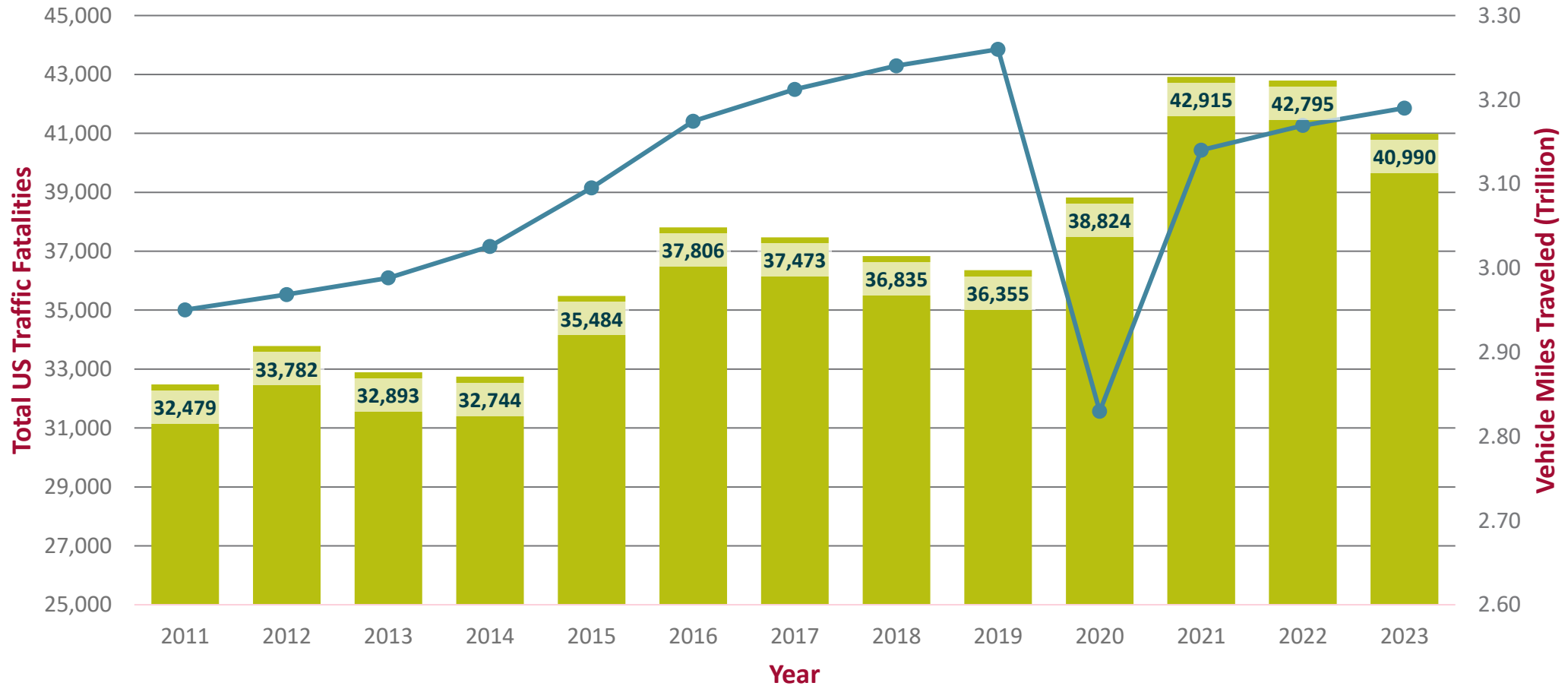


Elements of a Comprehensive Safety Action Plan

A Comprehensive Safety Action Plan analyzes safety needs, identifies high-injury and high-risk locations and factors contributing to crashes, and prioritizes strategies and improvements to address them

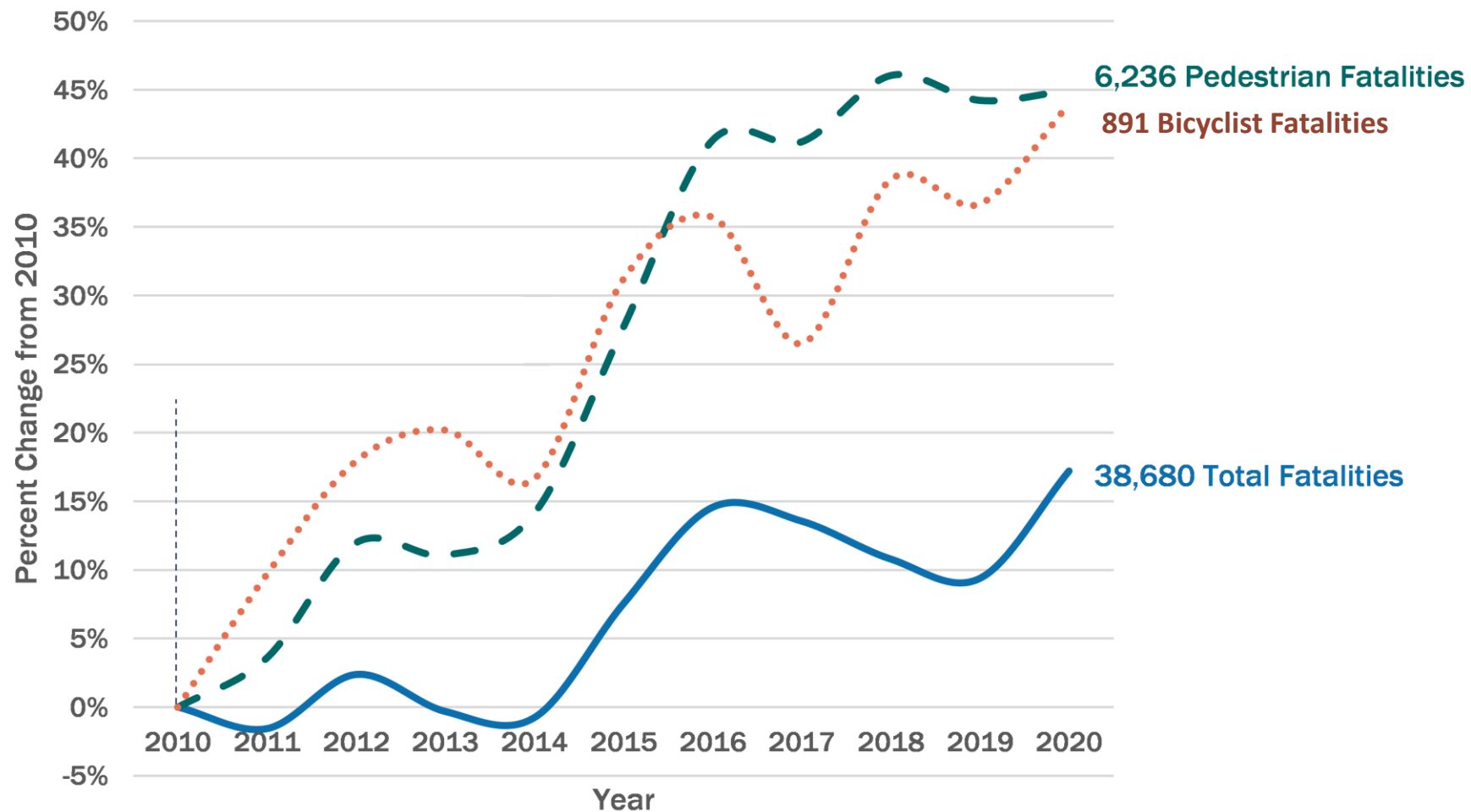
Thousands of Lives are Lost Each Year

Total US Traffic Fatalities and VMT (2011-2023)



A National Roadway Safety Problem

— All Fatalities - - Pedestrian Fatalities Bicyclist Fatalities



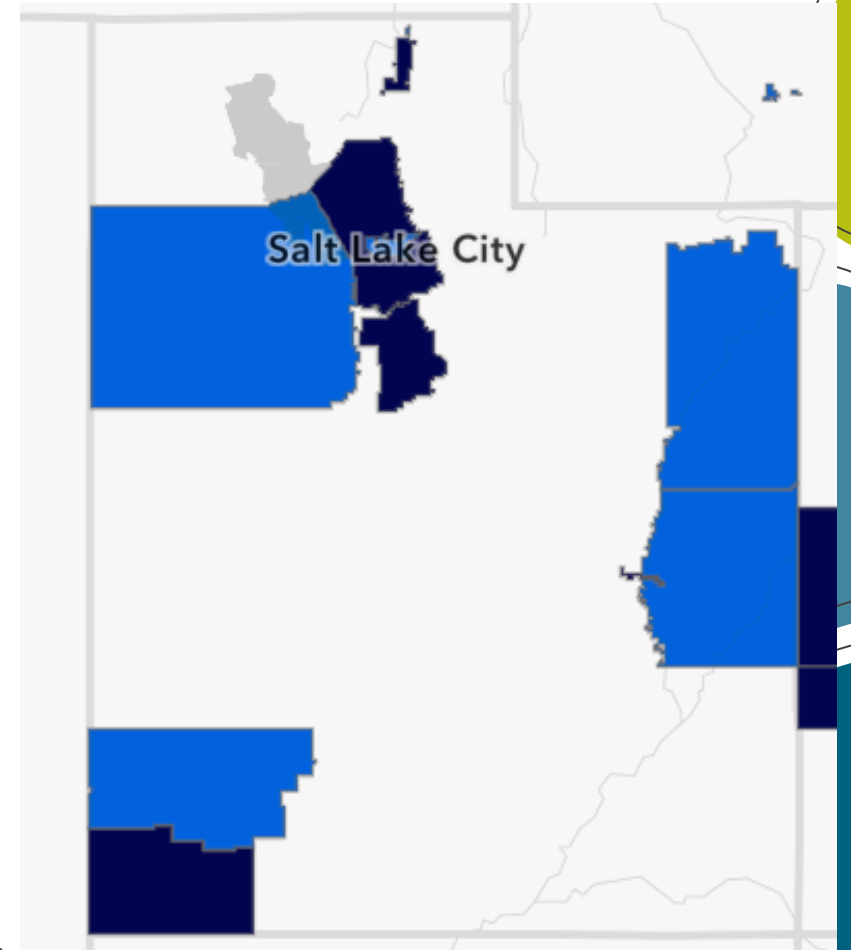
Fatalities of pedestrians and bicyclists have been **increasing fast**

Safe Streets and Roads for All (SS4A) Grant Program



Safe Streets and Roads for All (SS4A)

- Bipartisan Infrastructure Law (BIL) established SS4A grant program
 - \$5 billion over 5 years (FY22-26)
 - Two grant types:
 - Planning & demonstration
 - Implementation
- Fiscal year 2022 and fiscal year 2023
 - \$1.7 billion awarded
 - Over 1,000 communities



Source: UDOT

SS4A Self-Certification Eligibility Checklist

A Safety Action Plan must include the following:

- Safety Analysis
 - Existing conditions and historical trends
 - Crashes by location, severity, and contributing factor
 - Systemic and specific safety needs
 - Geospatial identification of higher risk locations
- Identification of comprehensive set of projects and strategies

SS4A Self-Certification Eligibility Checklist

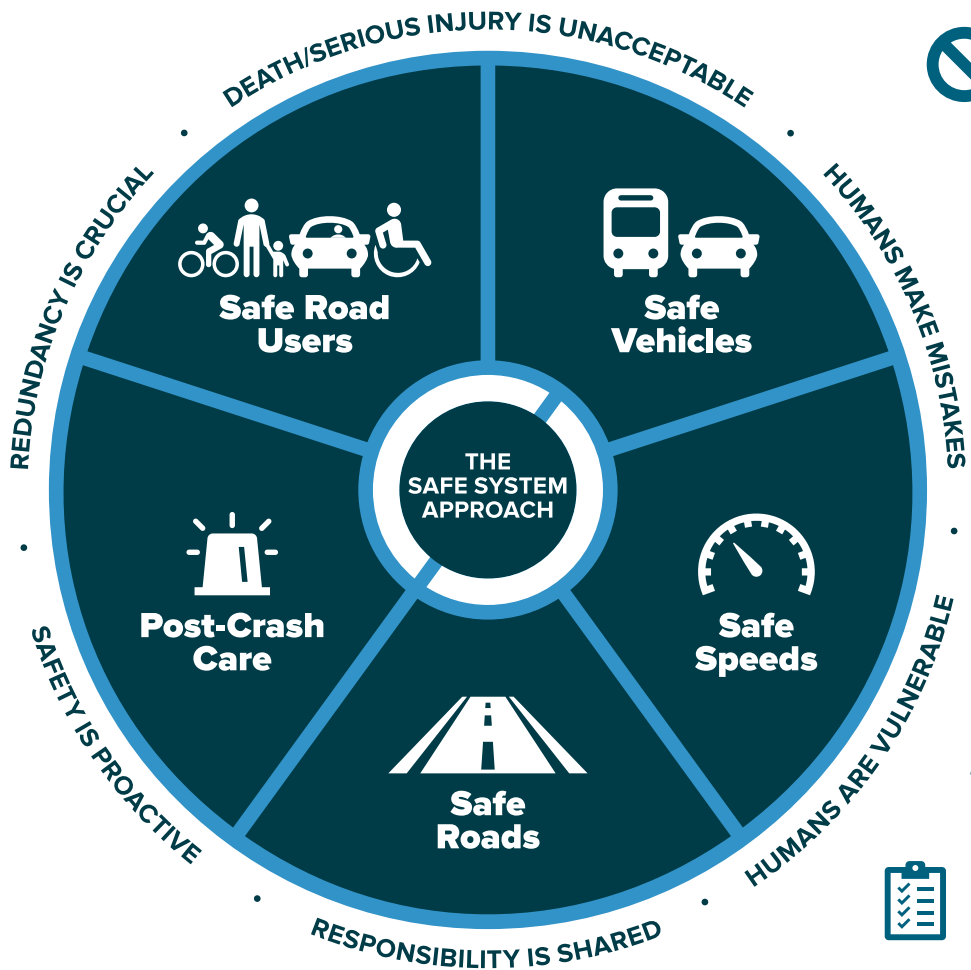
..And must complete 4 of the 6 elements:

1. Leadership Commitment
 - Governing body publicly commit to a zero fatalities and serious injury goal
2. Plan Development
 - Committee charged with plan development, implementation, and monitoring
3. Development Activities
 - Engagement with public and relevant stakeholders
4. Equity
 - Data-driven, inclusive, and representative processes
5. Policies, Plans, Guidelines, and/or Standards
 - Assessment policies, plans, guidelines, and/or standards
6. Progress
 - Description on how progress will be measured over time

Safe System Approach



Safe System Approach



Death and Serious Injuries are Unacceptable



People Make Mistakes



Safety is Proactive



Responsibility is Shared



Humans are Vulnerable



Redundancy is Crucial



Where are we on the safe system journey?

Traditional approach

Prevent crashes →

Improve human behavior →

Control speeding →

Individuals are responsible →

React based on crash history →

Safe system approach

Prevent death and serious injuries

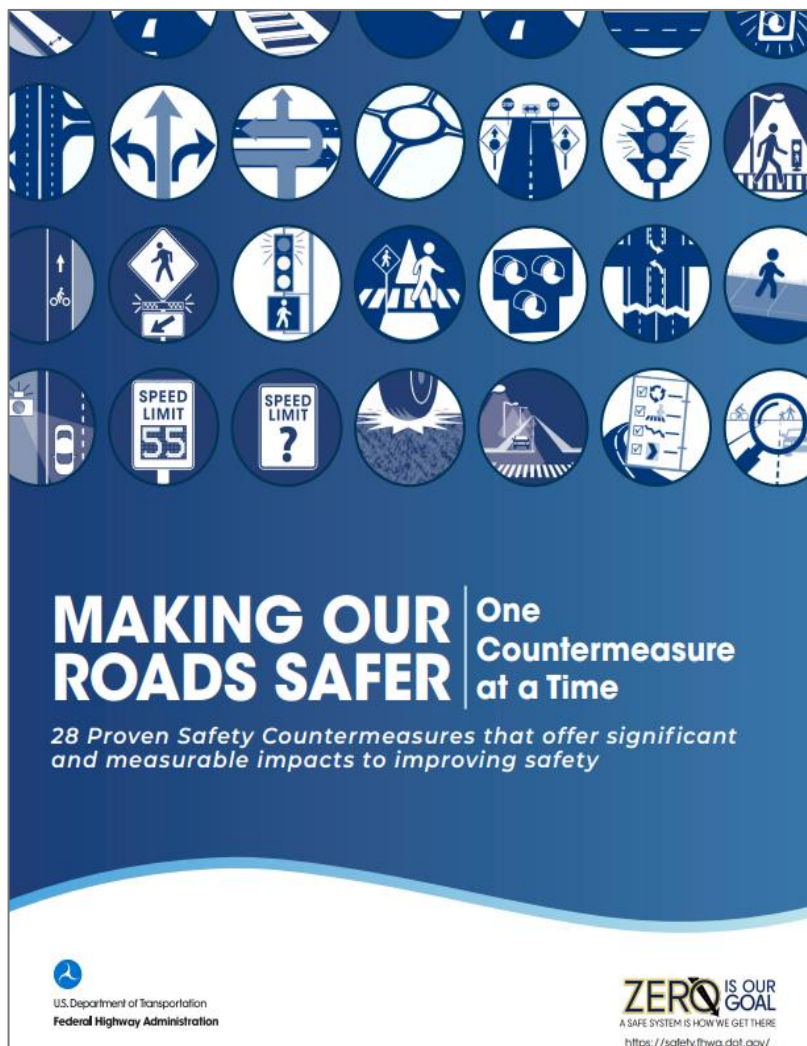
Design for human mistakes and limitations

Reduce system kinetic energy

Share responsibility

Proactively identify and address risks

Double down on what works



“Transportation agencies are strongly encouraged to consider widespread implementation of proven safety countermeasures to accelerate the achievement of local, state, and national safety goals.”

– US Department of Transportation

Rural Focus

Rural agencies and communities should consider addressing at least one of four focus areas:

- Roadway Departure
- Pedestrian/Bicyclist
- Intersections
- Speed Management

Federal Highway Administration
Proven Safety Countermeasures in Rural Communities

U.S. Department of Transportation
Federal Highway Administration

ZERO IS OUR GOAL
A SAFE SYSTEM IS HOW WE GET THERE

FHWA-SA-24-005

FHWA Proven Safety Countermeasures

Crosswalk Visibility Enhancements



Rumble Strips and Striping



Roundabouts



<https://highways.dot.gov/safety/proven-safety-countermeasures>

Implementing the Safe System approach is our shared responsibility, and we all have a role.



www.pedbikeimages.org/DanBurden



www.pedbikeimages.org/DanBurden



www.pedbikeimages.org/MikeCynecki

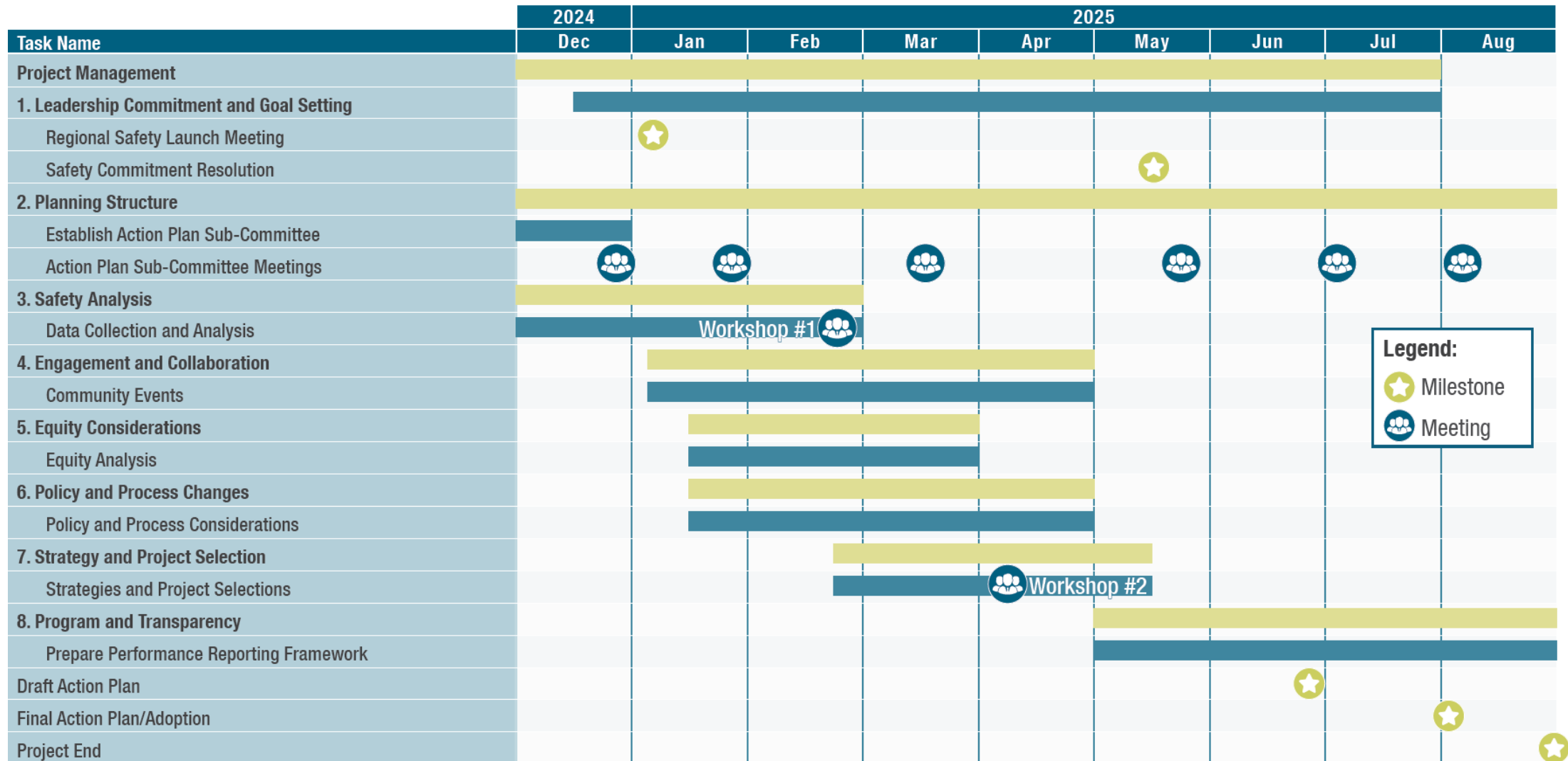


[Deseret News/Brice Tucker](#)

Uintah County Comprehensive Safety Action Plan Overview



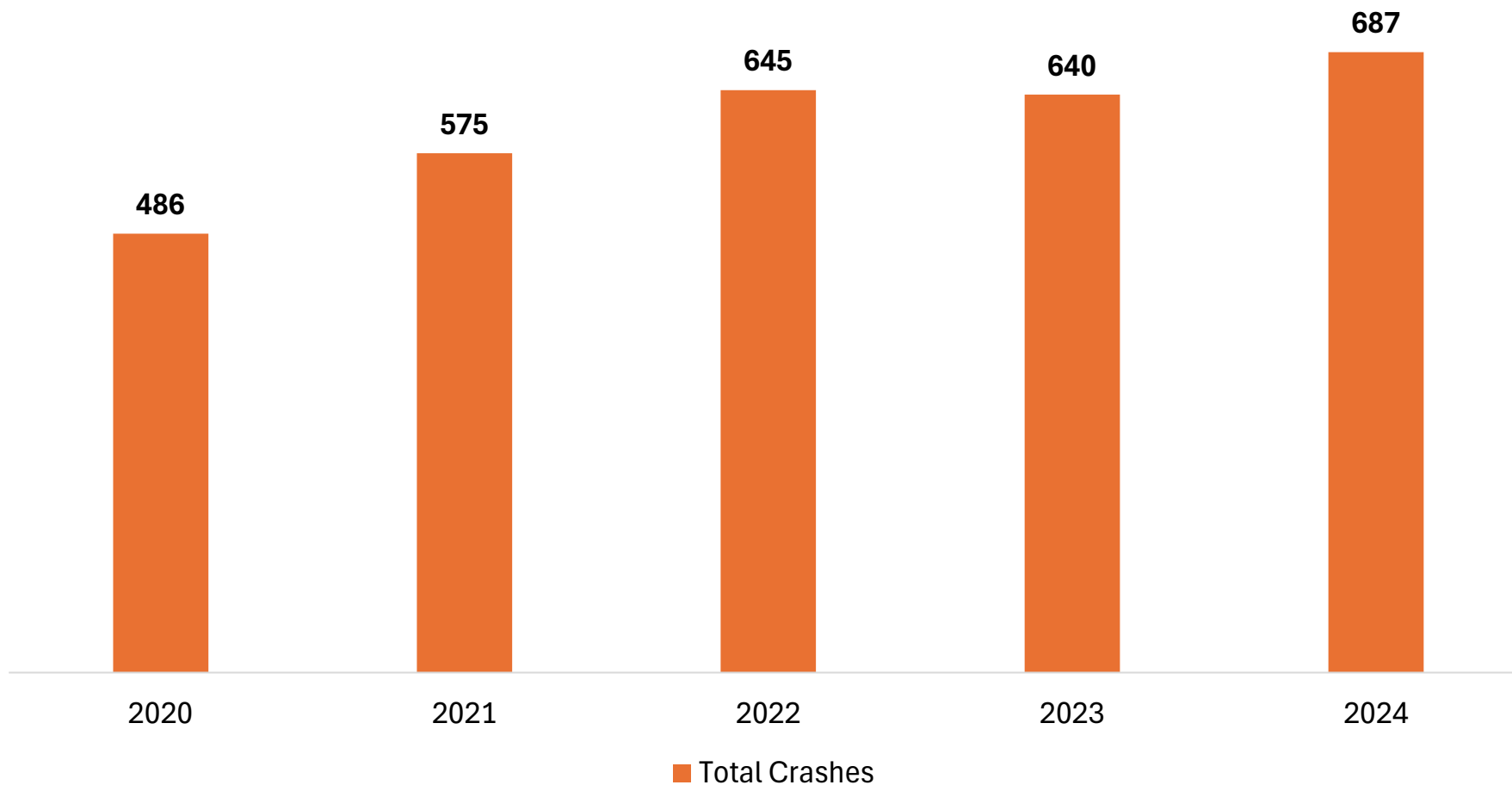
Safety Action Plan Overview



What have we learned so far?

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Uintah County Crash History Overview

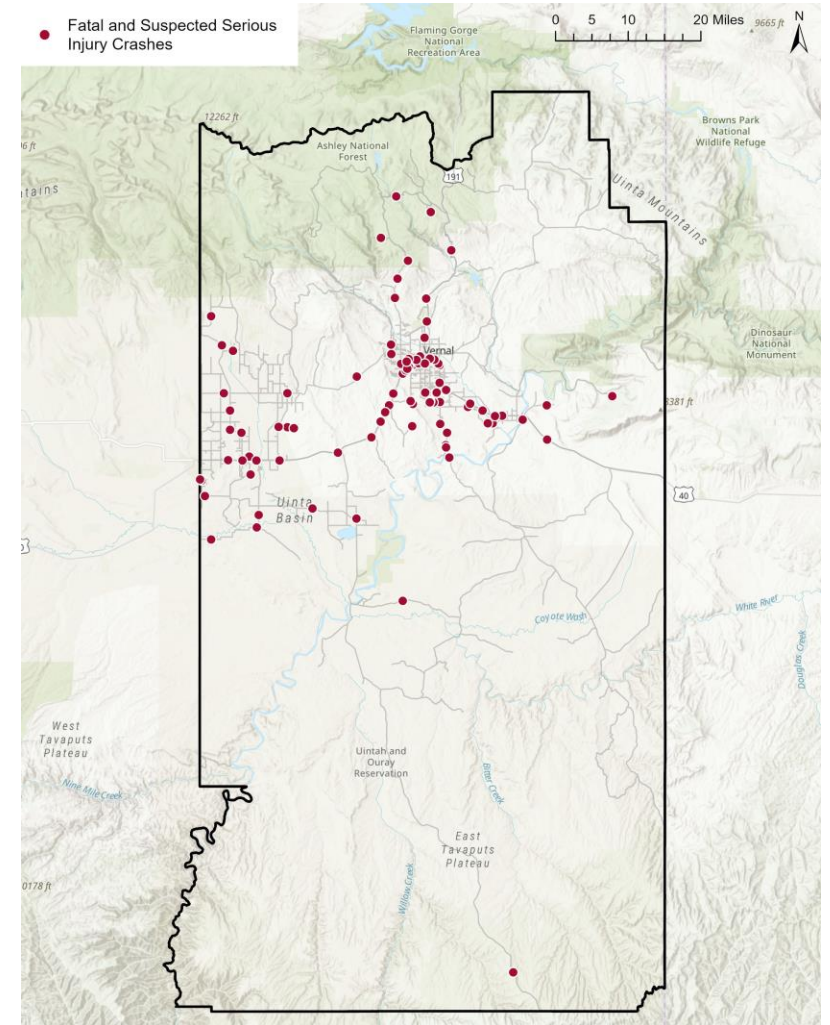
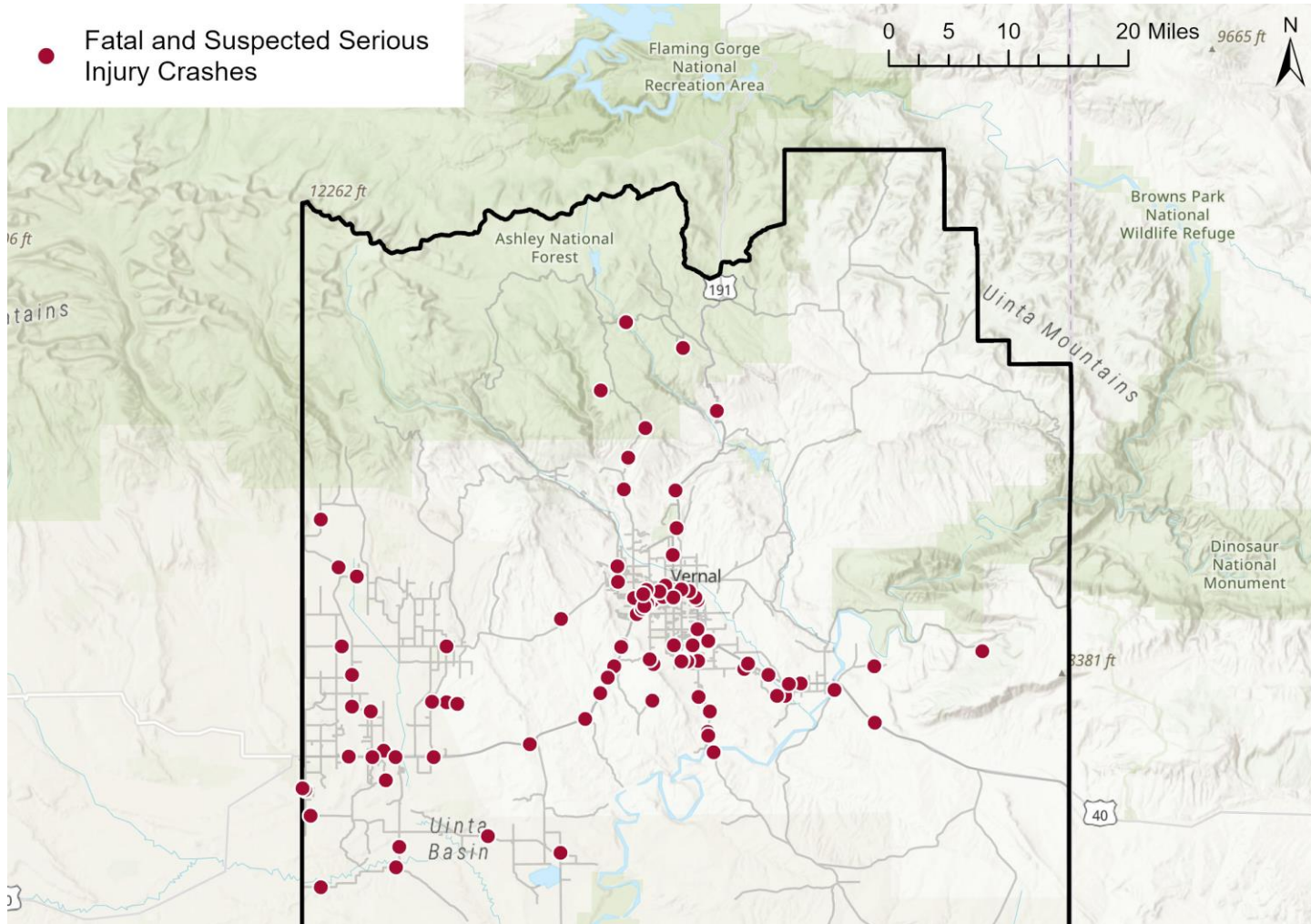


Total crashes (all severities) have **increased by 41%** from 2020 to 2024

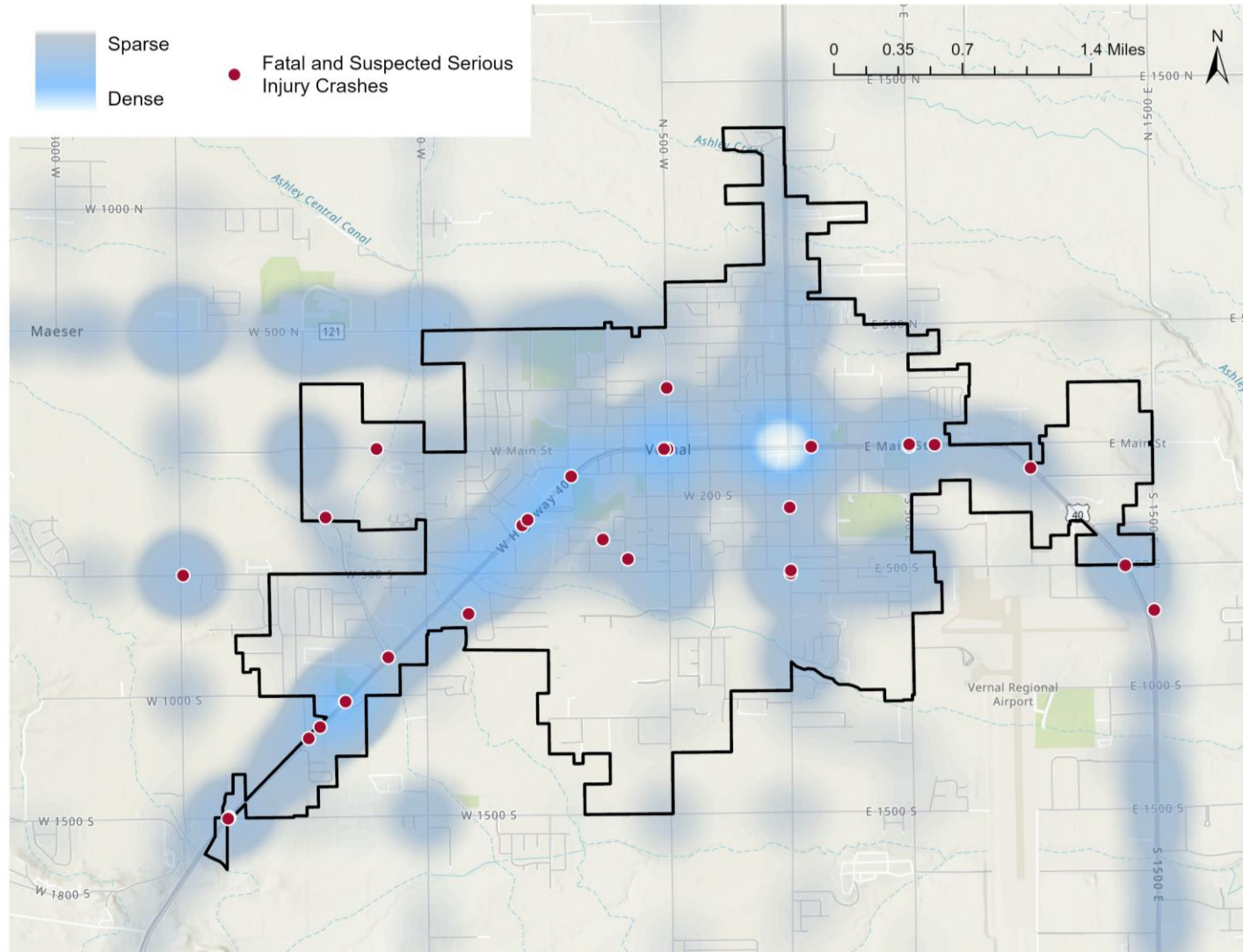
Total crashes in the County are trending in the wrong direction

Fatal & Serious Injury Crashes

● Fatal and Suspected Serious Injury Crashes



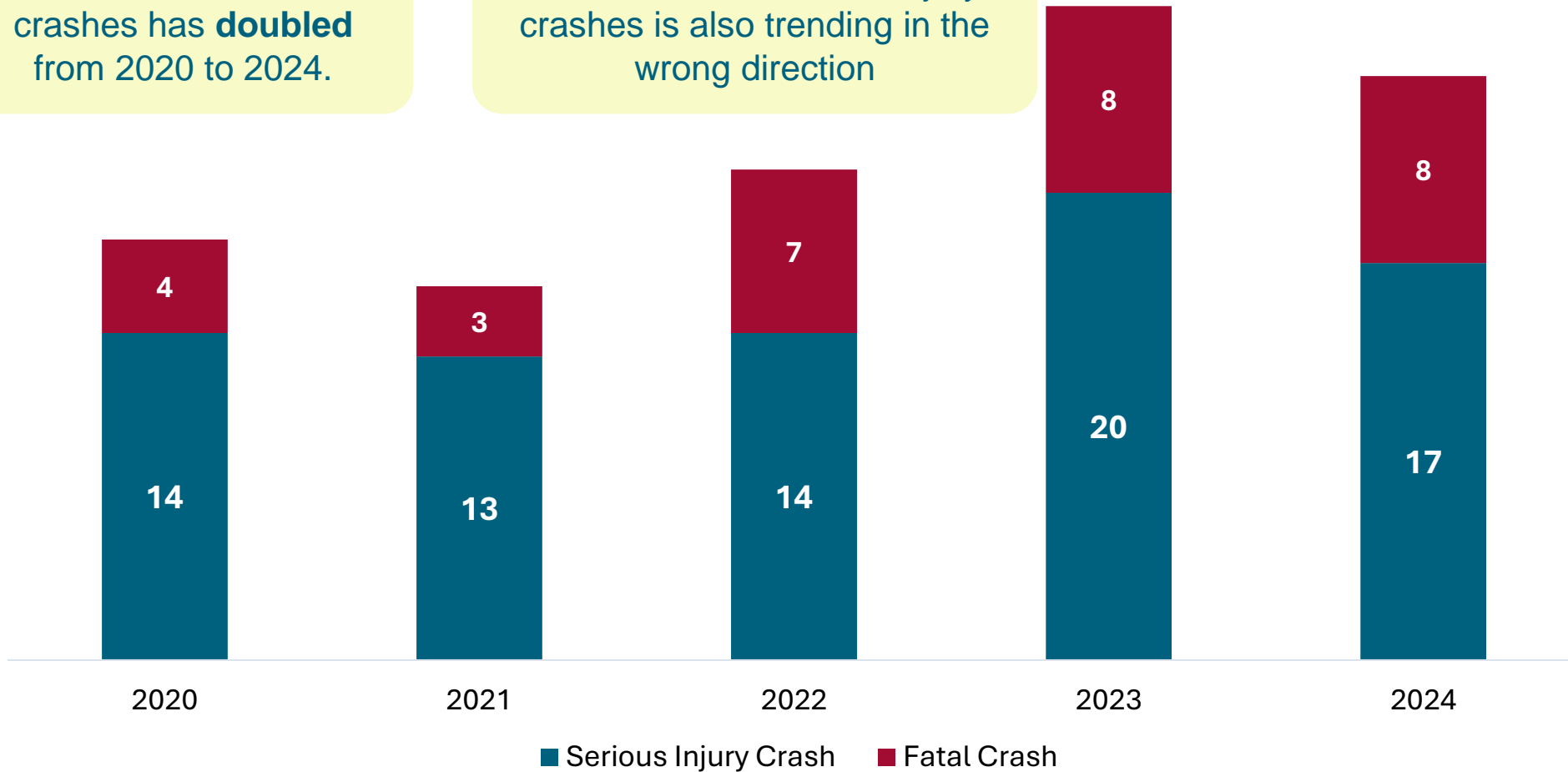
Fatal & Serious Injury Crashes



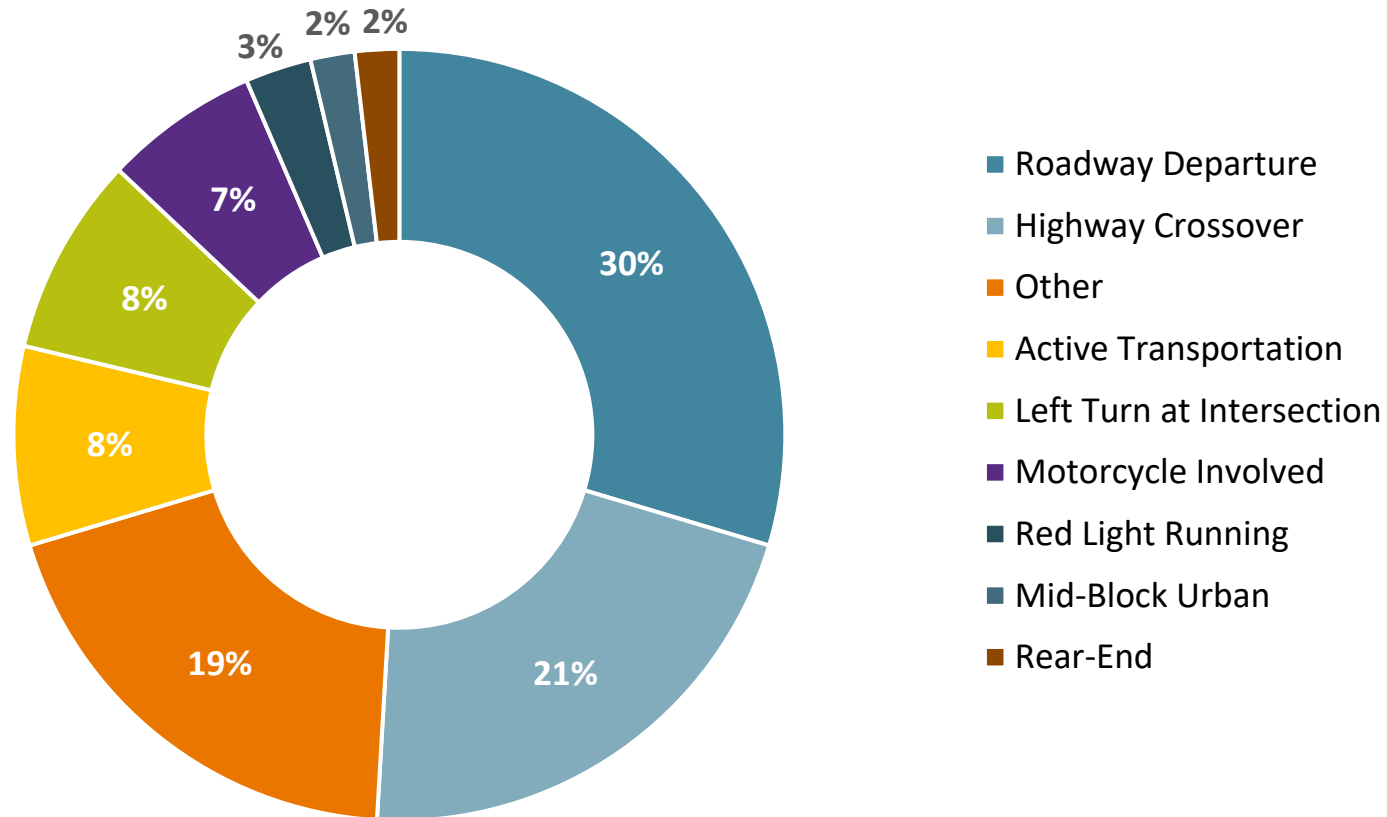
Fatal & Serious Injury Crashes

The number of fatal crashes has **doubled** from 2020 to 2024.

The number of serious injury crashes is also trending in the wrong direction

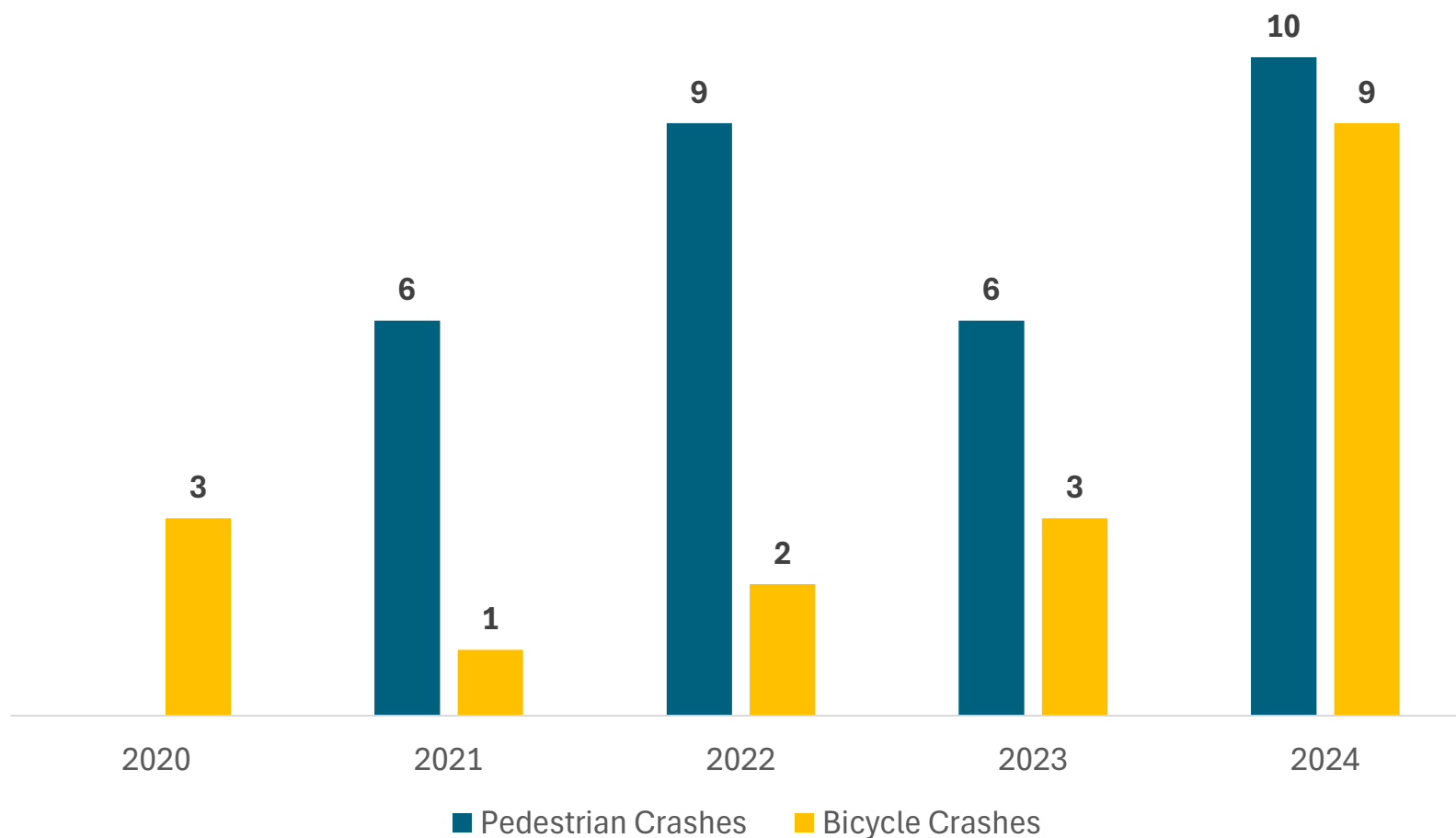


Fatal & Serious Injury Crash Types



Over **50%** of crashes involved a vehicle leaving their lane (*Roadway Departure or Highway Crossover*)

Vulnerable User Crashes



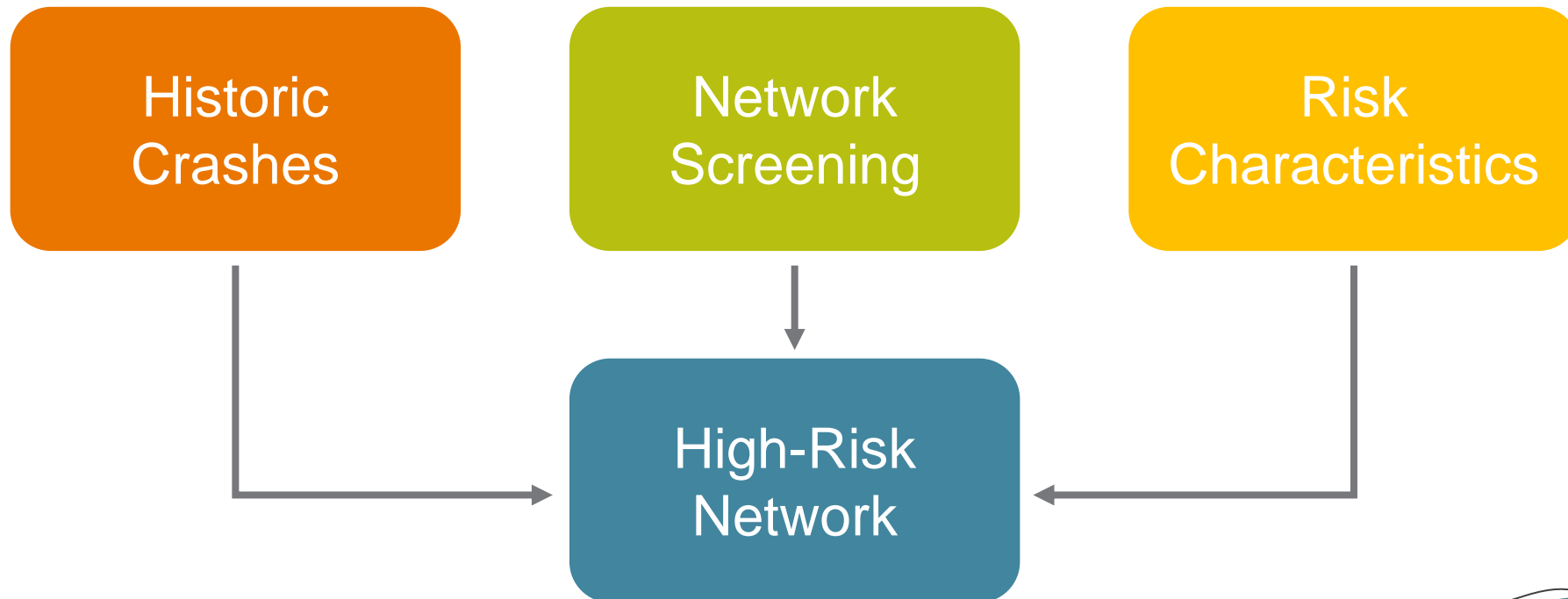
From 2020 to 2024 in the County, there have been:

* **31** pedestrian-involved crashes

* **18** Bicycle involved crashes

2024 recorded the most pedestrian and bicycle crashes in the last five years.

Safety Analysis Approach



Historic Crashes

- Based on...** Historic Crashes, 2020-2024
- Analyzes...** Crashes per mile or segment of roadway
- Results in...**
1. High Crash Network
 2. High Injury Network

Risk Characteristics

- Based on...** usRAP Roadway Data
- Analyzes...** Roadways by design and physical characteristics
- Results in...**
1. usRAP Network (star rating)
 2. Crash Profile Risk Network

Network Screening

- Based on...** Historic Crashes, 2020-2024
- Analyzes...** Roadways and intersections by expected vs. actual crash rates
- Results in...** Critical Crash Rate Network

Upcoming Workshops

- Safety Analysis Review (February)
 - Review high-crash and high-risk locations for the County
 - Confirm findings in your community
 - Provide input on potential strategies
- Locations and Strategies Review (April):
 - Review improvement strategies
 - Review project locations

Project Website

UintahSafetyPlan.com

- Project information
- Deliverables (when completed)
- Survey/comment form
- Interactive map for users to leave comments and feedback



Next Steps

- Complete Safety Analysis
- Participate in Workshops
- Provide feedback via the project website
 - Begin dialogue with elected officials
 - Prepare to support a Safety Commitment Resolution
 - Prepare for local match requirements

For additional information or questions, please contact:

Matt Cazier
mcazier@uintah.utah.gov
435.477.2373

Mike Cook
mcook@uintah.utah.gov
435.477.2373

Eric Sweat
eric.sweat@kimley-horn.com
385.831.2008



Thank you!

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