

# PSRC Regional Safety Action Plan

Regional Transit-Oriented Development Committee

September 20, 2024



Puget Sound Regional Council



*We are leaders in the region to realize equity for all. Diversity, racial equity and inclusion are integrated into how we carry out all our work.*

[psrc.org/equity](https://psrc.org/equity)

# Background

- RTP directs PSRC to develop a Regional Safety Action Plan (RSAP), including strategies, actions and performance indicators
- PSRC awarded ~\$8 M for development of RSAP through Safe Streets and Roads for All (SS4A) Program
  - Additional funding awarded to PSRC to serve as pass-through and administrator for 15 local jurisdiction safety action plans
- For RSAP work, PSRC Contracted with WSP for Technical Support and Uncommon Bridges for Engagement



# Purpose of Regional Safety Action Plan

- Use data analysis, research and community outreach to better understand safety issues/challenges across the region
- Identify key distinctions and emphasis areas to frame the development of a menu of strategies and countermeasures
- Jurisdictions will use plan to choose the best approach based on the specific context and safety issue they are addressing



Safety  
Data

DKS

WSP

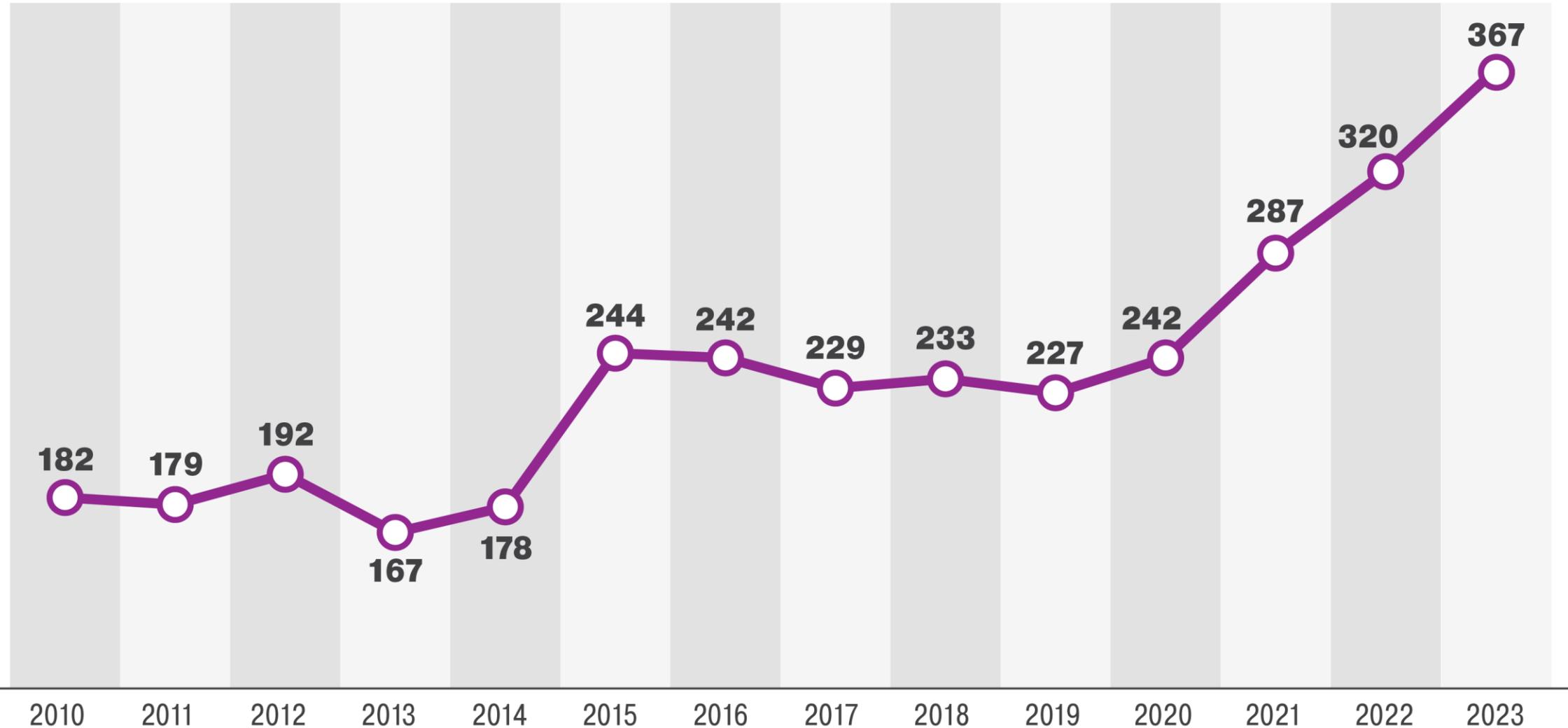
TOOLE  
DESIGN

URBAN LOGIQ

PRR

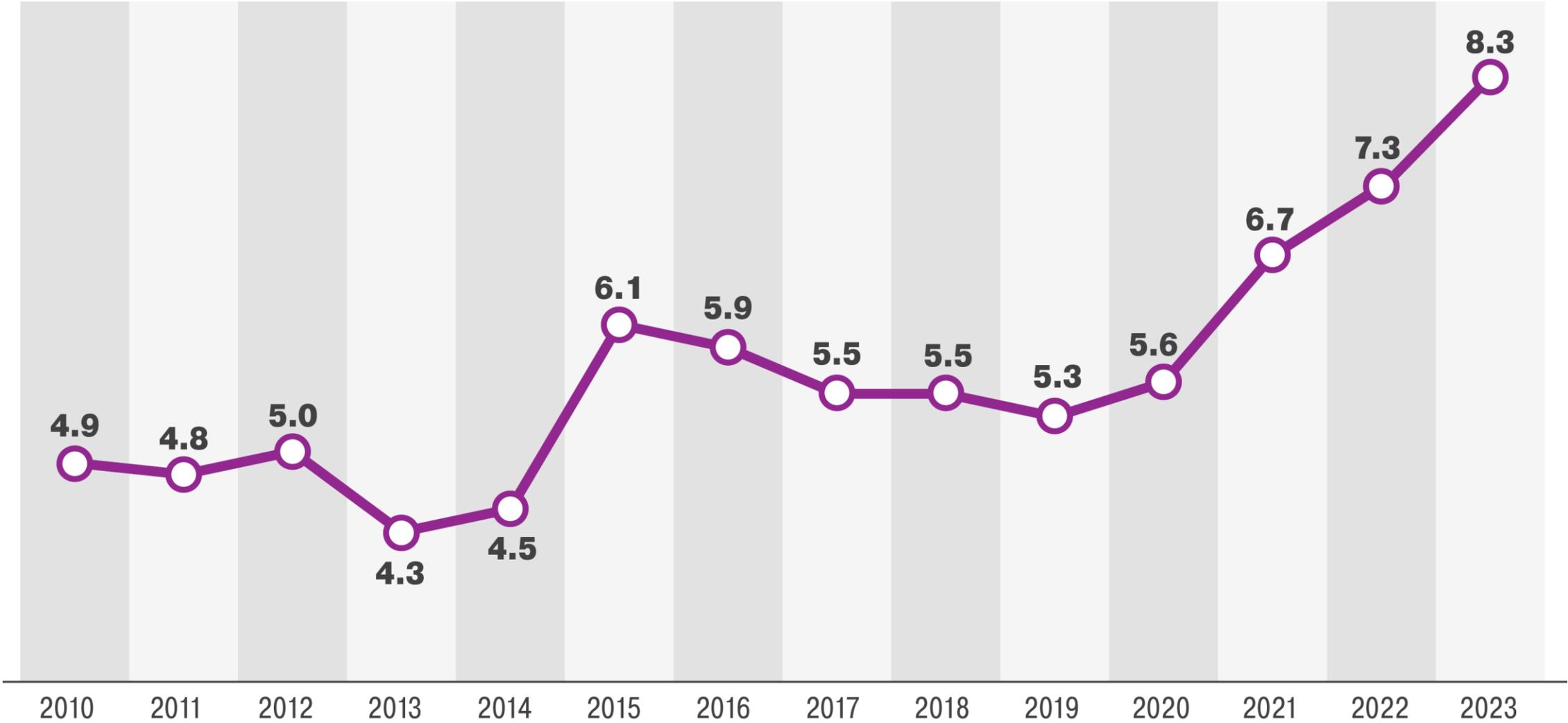
# Traffic Related Deaths are at historic levels

Traffic Related Deaths



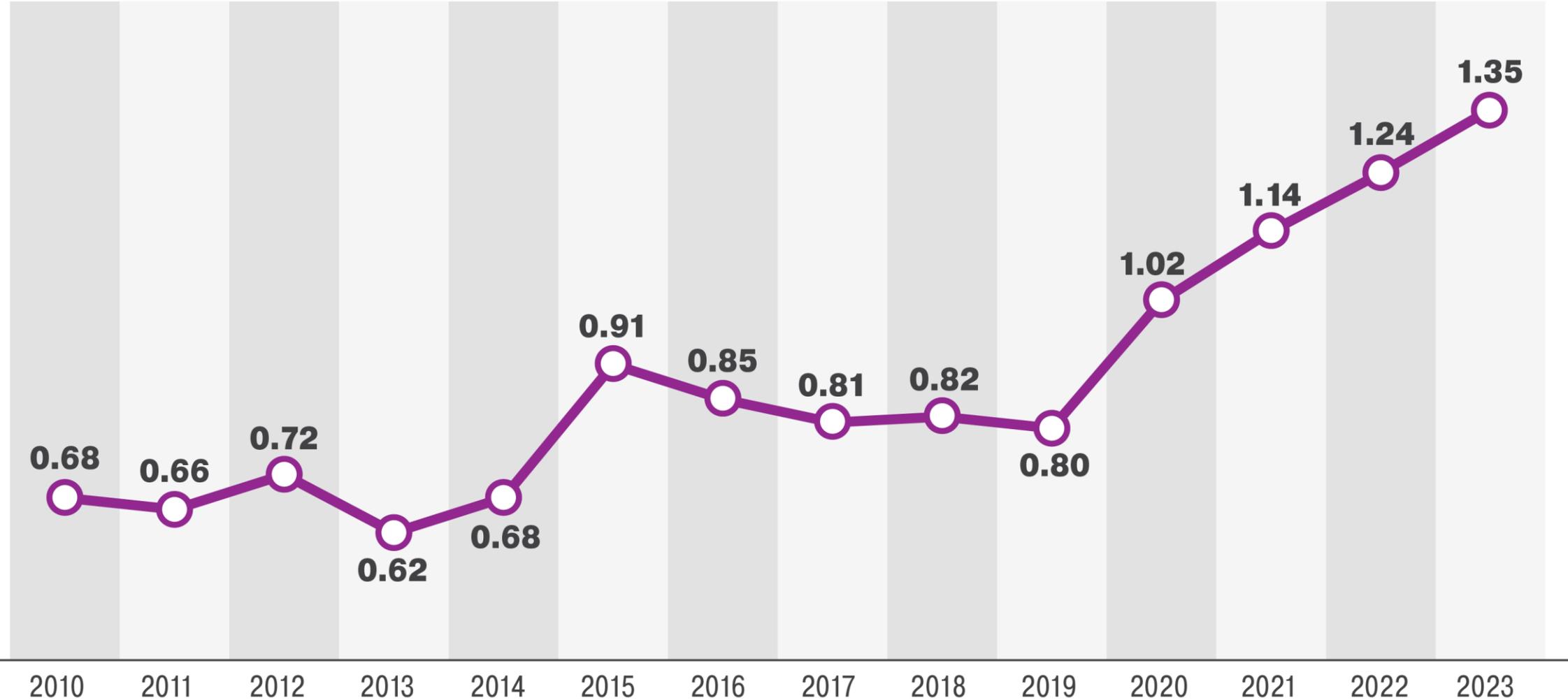
# It isn't because more people live here

Traffic Related Deaths per 100,000 People



# It isn't because people are driving more

Traffic Related Deaths per 100M Vehicle Miles Traveled



# Data in the Regional Safety Action Plan

When it comes to tools and strategies, context matters and one size does not fit all

## Typologies:

- User types / modes
- Areas near transit stops
- Regional Growth Centers
- Urban & Rural
- Regional Geographies
- Demographics
- Contributing factors



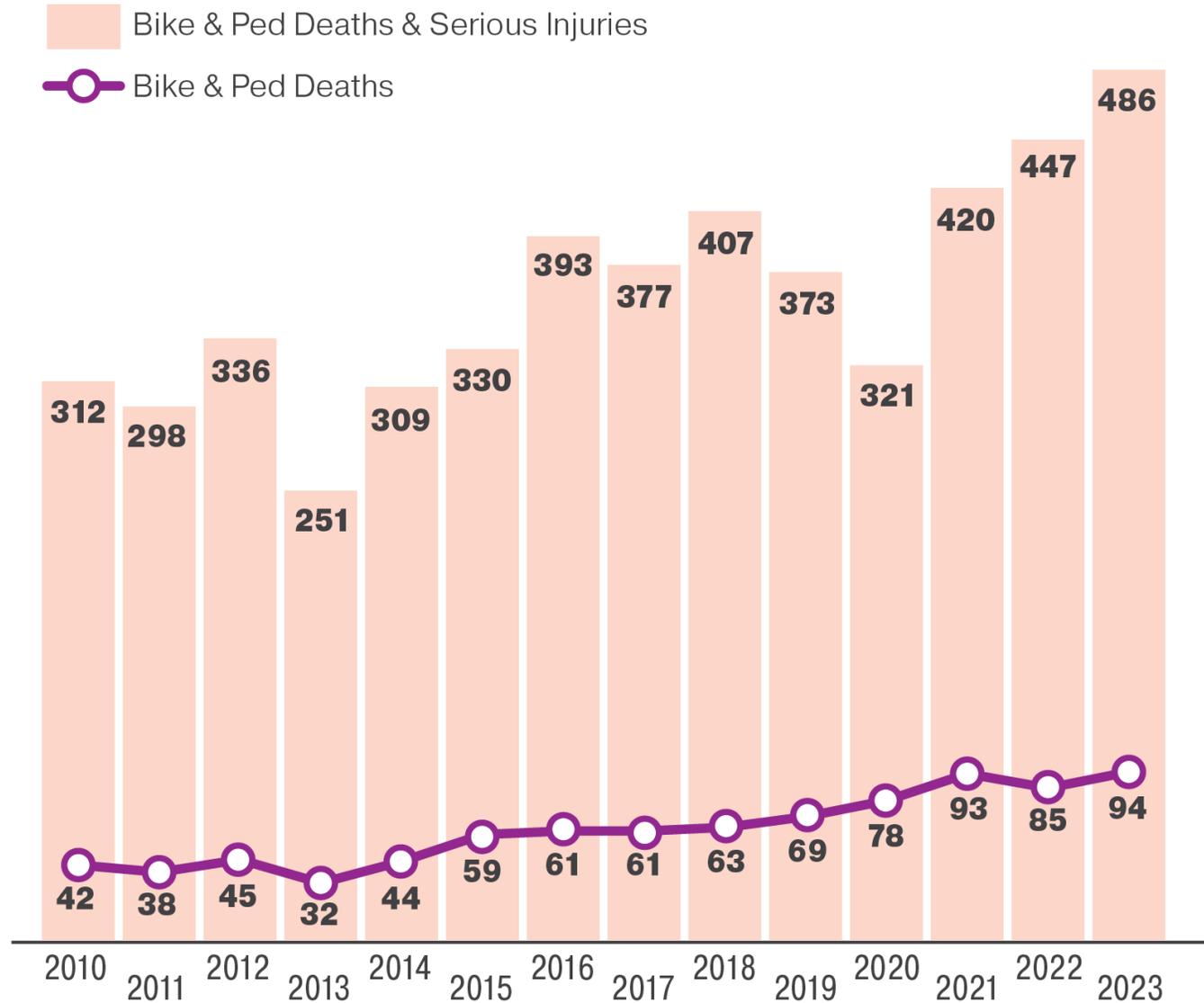
# Data in the Regional Safety Action Plan

- Data includes all injury types from 2010 to 2023
- Data is summarized in the State of the Region Report
- We also have a high injury network
- Data findings define emphasis area used in the strategies development

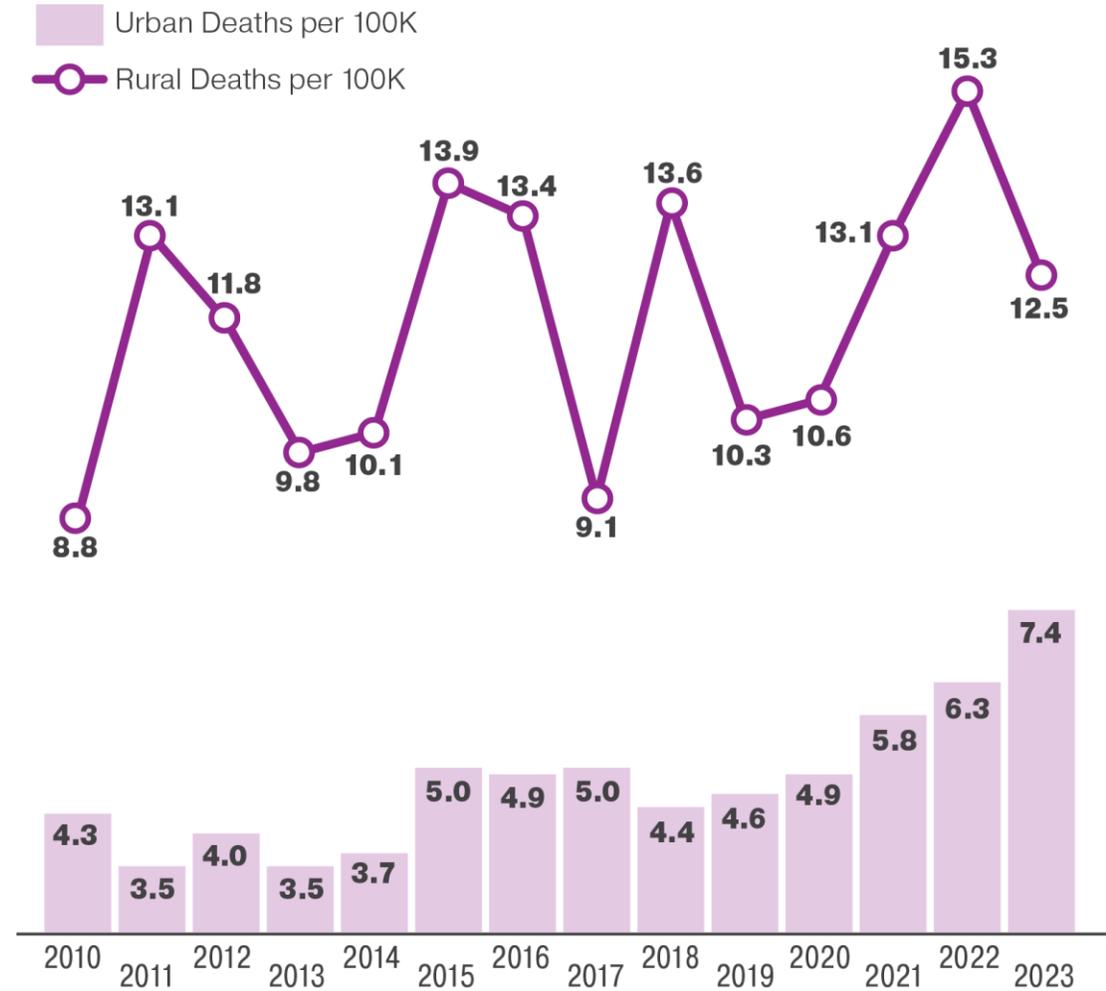
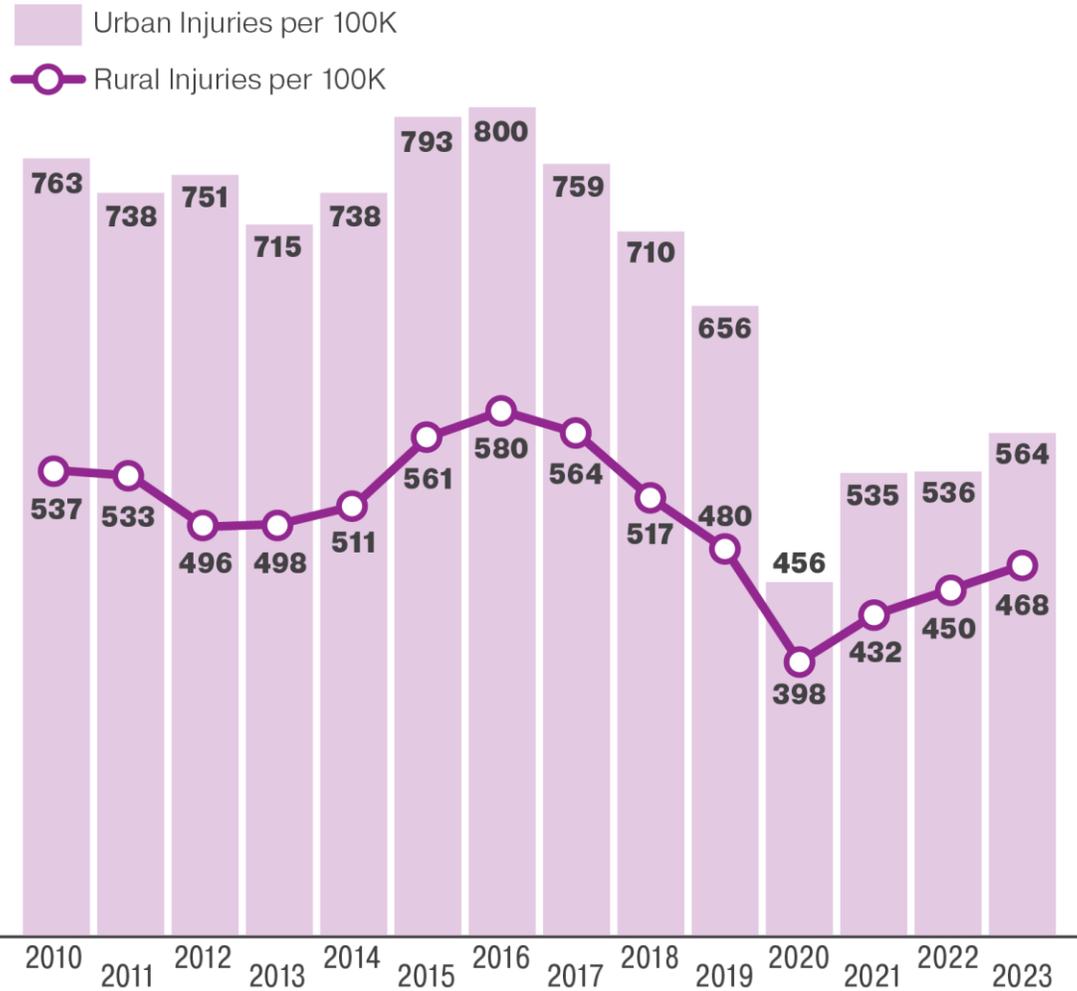


# Bike and Ped Deaths

Bike and Pedestrian Deaths are increasing as well along with injuries

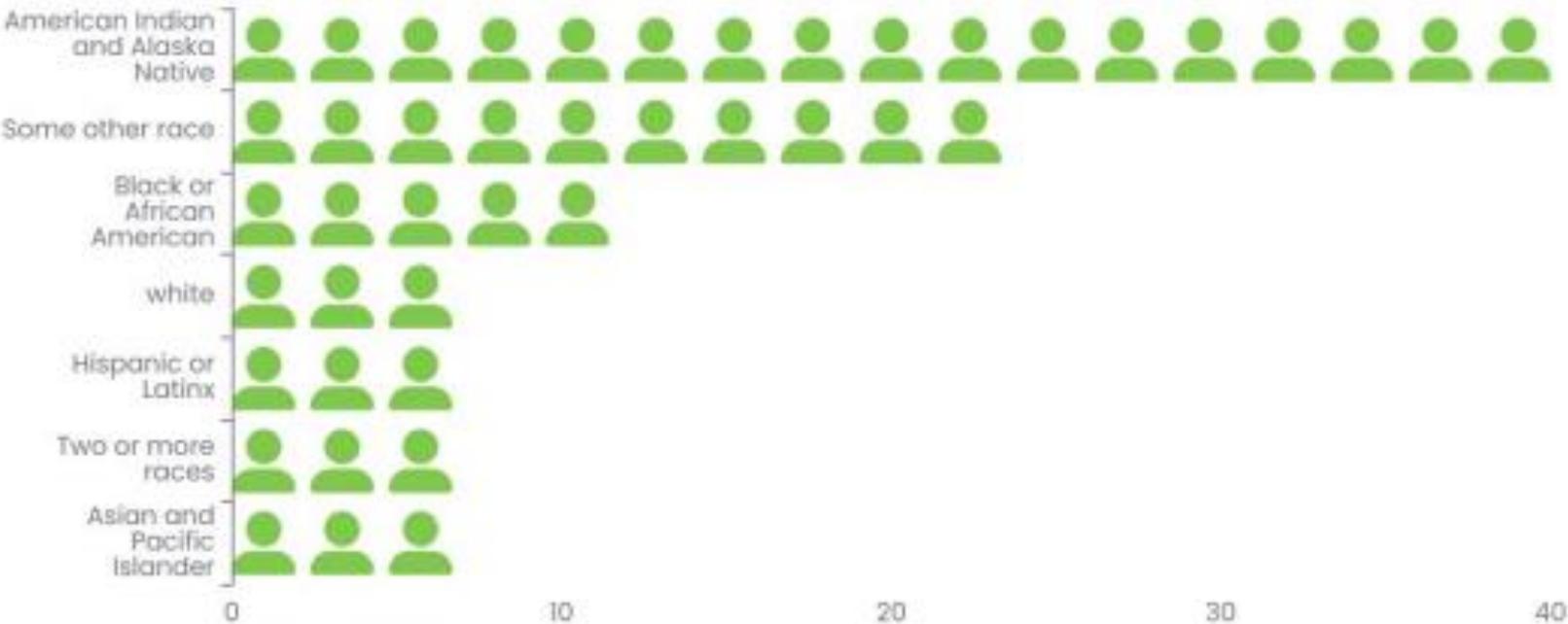


# Rate of Fatalities in Rural Areas Higher than Urban Areas



# Traffic Deaths Disproportionally Impact People of Color

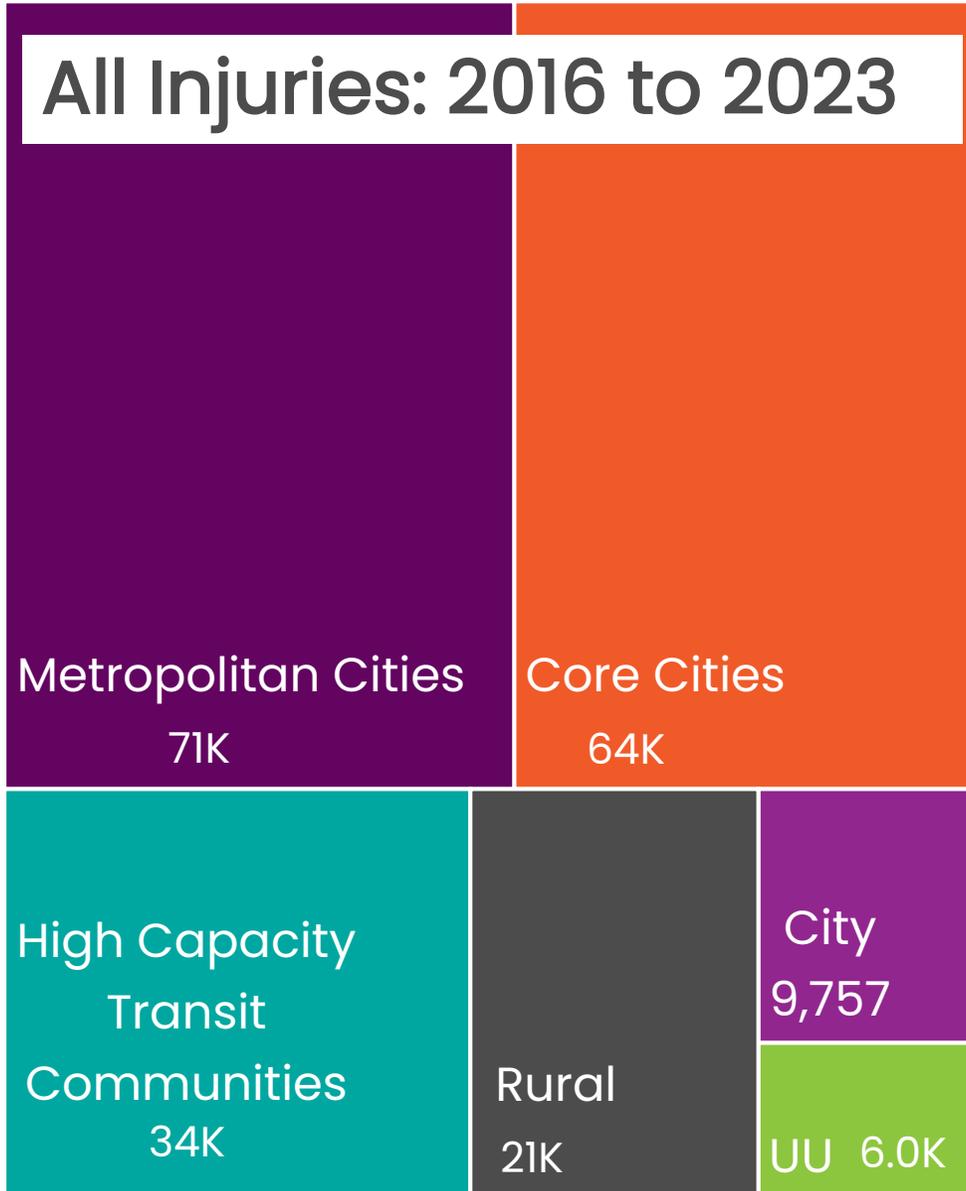
## TRAFFIC RELATED DEATHS



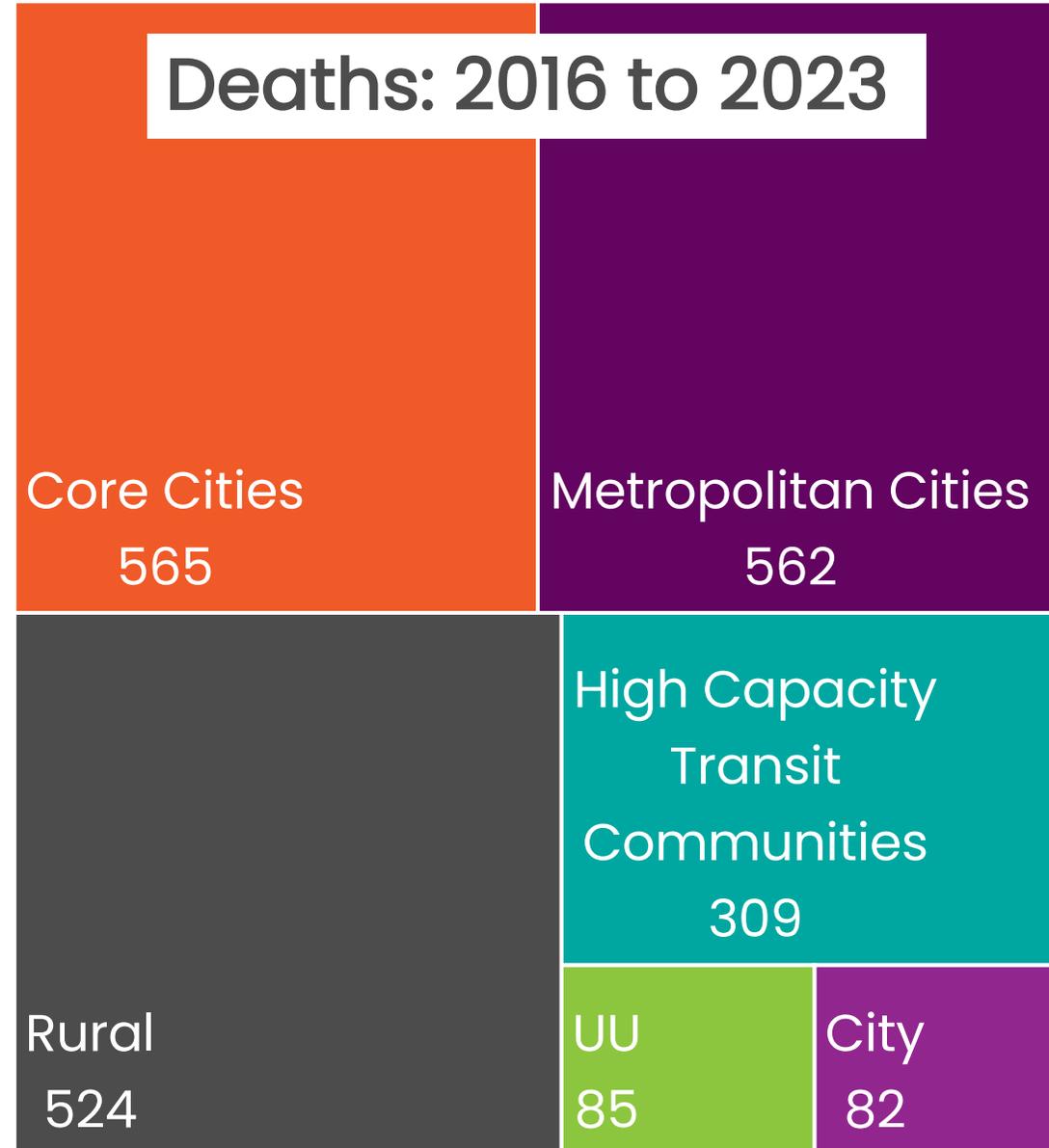
Source: U.S. Department of Transportation, National Highway Traffic Safety Administration (NHTSA); Bureau of Transportation Statistics (BTS); 2020; Fatality Analysis Reporting System, 2023.

# Injuries by Regional Geographies

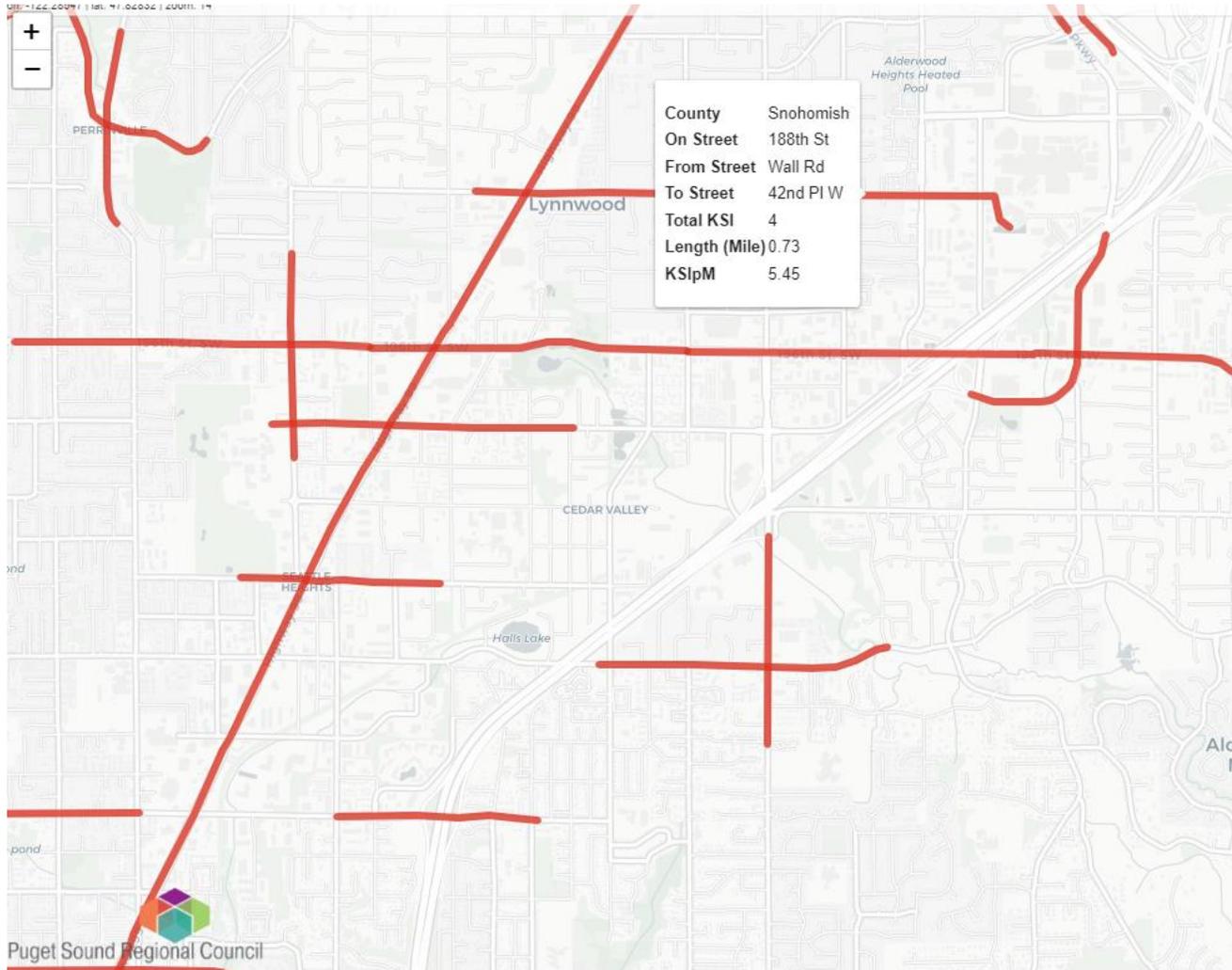
## All Injuries: 2016 to 2023



## Deaths: 2016 to 2023



# High Injury Network



- Highlights the worst contiguous segments on the regional network
- Data is available for analysis via the web



# Samples of Contributing Factors: 2016 - 2022

Metric	All Injuries		Death & Serious Injury		Ratio Severe to all Injury
	Total	Share	Total	Share	
Alcohol Impaired*	10,923	6%	1,644	15%	1 : 7
Drug Impaired*	2,861	2%	642	6%	1 : 4
Vehicle Travel in Wrong Way	664	0%	169	2%	1 : 4
Single Vehicle Surface Streets	27,531	15%	4,336	40%	1 : 6
<b>All Crash Types</b>	<b>180,380</b>		<b>10,708</b>		<b>1 : 17</b>

\* Impaired may include pedestrians or cyclists involved in the crash



# State of the Practice – Safe System Approach

State of the Practice



Source: USDOT



# 1) Safer Road Users

- Smart Traffic Signs



- Renton Safer Access to Neighborhood Destinations (SAND) Academy

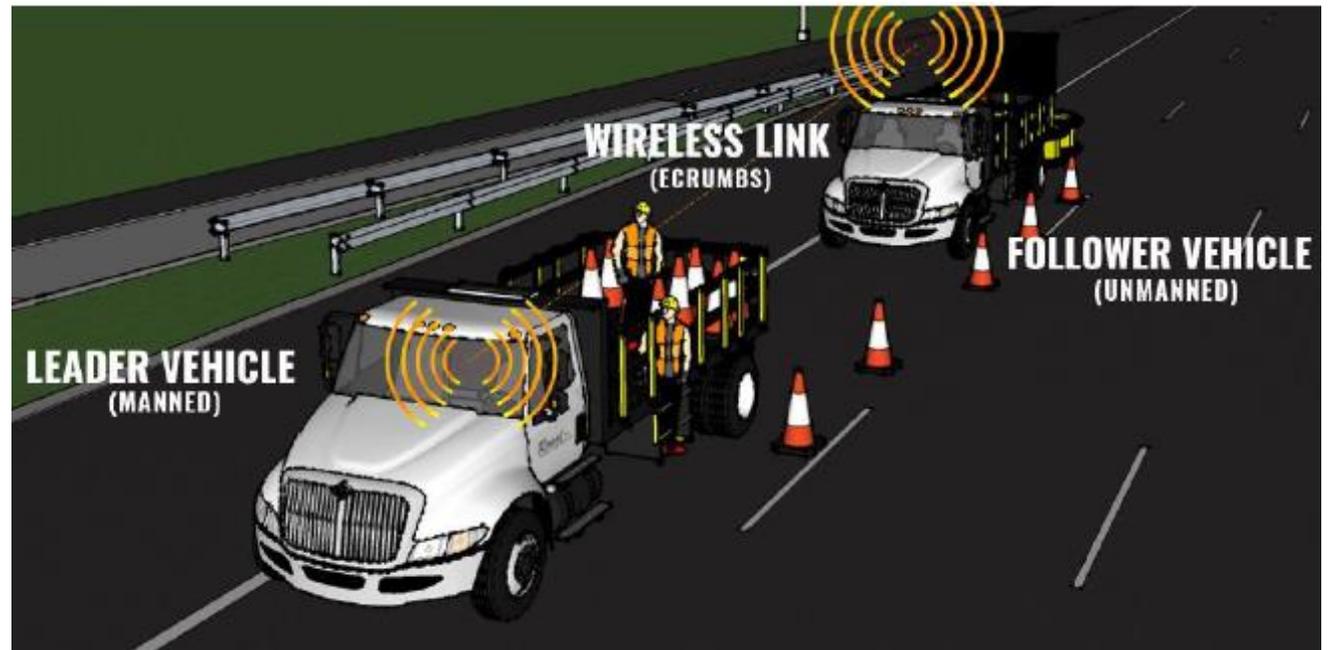


## 2) Safer Vehicles

- Driver Assistance Technologies
  - Lane Departure Warnings, Lane Keeping Assist, Forward Collision Warning, Automated Emergency Braking, V2X Technologies (automated 911 call)



- Autonomous Truck-Mounted Attenuator
  - Connected vehicles



# 3) Safer Speeds

- **Speed Cameras**
  - Maryland uses mobile speed cameras
  - There are permanent speed cameras throughout PSRC



Portable speed camera used in Montgomery County, Maryland.

- **Bellevue Updated Speed Limit Operating Procedures**

## Type 1: High Density Mixed-Use

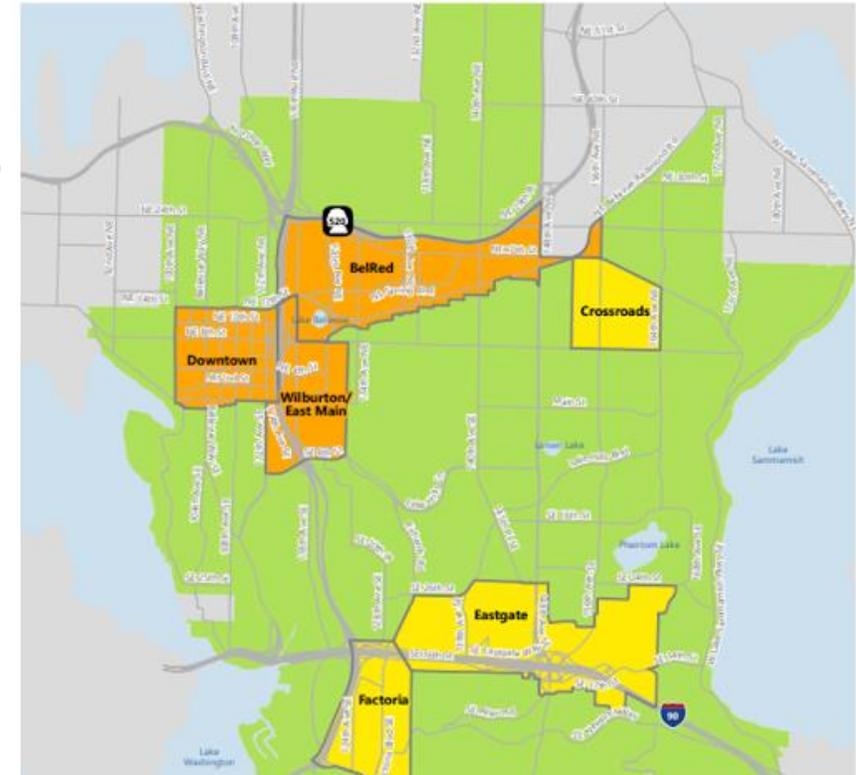
 BelRed, Downtown, Wilburton/East Main

## Type 2: Medium Density Mixed-Use

 Crossroads, Eastgate, Factoria

## Type 3: Low Density Residential Neighborhoods

 Residential Areas



# 4) Safer Roads

- Blue Zones: Parkland – Spanaway (Pierce County) Blueprint
  - Support route walking & biking

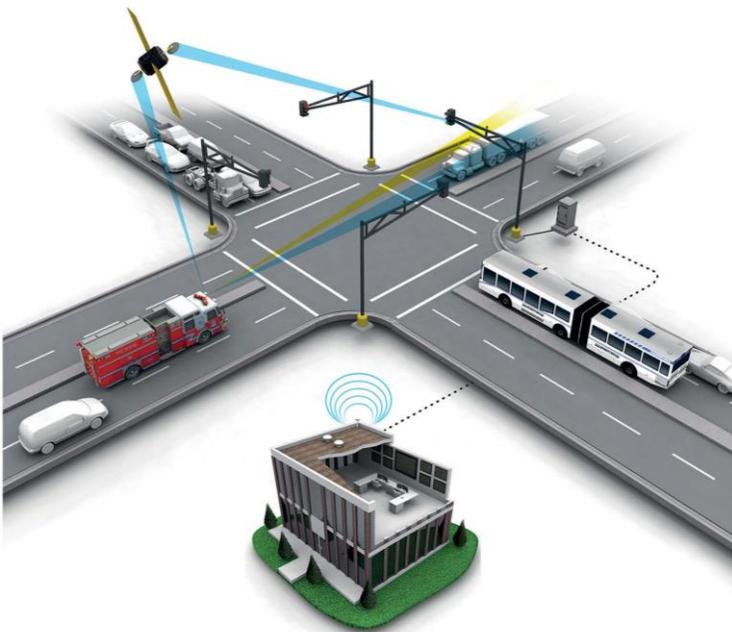


- Port Orchard Roundabout on Bay Street & Bethel Avenue
  - Slows Traffic
  - Reduces Conflict Points
  - Improve Traffic Flow



# 5) Post-Crash Care: Improve Response Time

- NextGen Emergency Vehicle Preemption (EVP)
  - Reducing the amount of time EMS arrives to a crash scene is critical in reducing the fatality rate



- Improving Triage Accuracy
  - Seattle is looking to increase triage accuracy by using technology to help focus the questions asked to patients

**Level 1 - Resuscitation**

**Level 2 - Emergent**

**Level 3 - Urgent**

**Level 4 - Less Urgent**

**Level 5 - Non-Urgent**



# State of the Region: Summary Statistics



**86**

TOTAL JURISDICTIONS  
IN PSRC



**28/86**

HAVE STANDALONE  
SAFETY PLANS



**33/86**

HAVE A SAFETY SECTION  
IN THEIR  
COMPREHENSIVE PLAN



**42**

SURVEYS  
COMPLETED

INCLUDING ADDITIONAL  
PARTNERS:

- WSDOT (2)
- PIERCE TRANSIT



**70/86**

HAVE SAFETY POLICIES  
IN THEIR  
COMPREHENSIVE PLAN

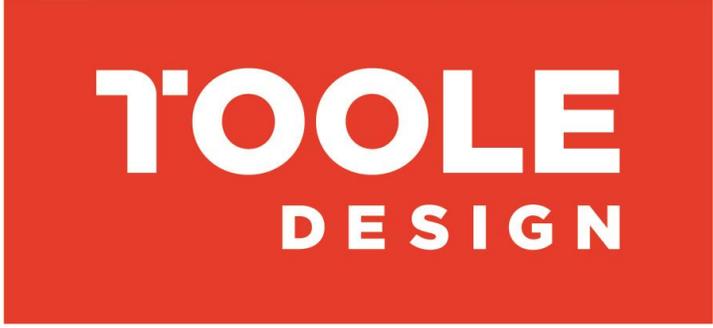


**11**

ATTENDEES ATTENDED MAY 3RD FOCUS  
GROUP TO SHARE INSIGHTS



Next Steps



# Public Involvement Plan

**Community Events & Interviews**

Jun 2024 – Aug 2024

**Online Hub**

Jul 29 – Oct 15

**Public Opinion Survey**

Aug 15 – Sep 30

**Regional Public Meetings**

Sep 15 – Oct 11

**Focus Groups**

Oct 1 – Nov 15

**Internal Briefings**

Jun 2024

&

Sep 2024



uncommon  
**BRIDGES**



# Next Steps



1. What we hear from communities (Public Engagement) and other stakeholders
2. Emphasis Areas
3. Tools and Strategies
4. Develop Draft Plan



# Key Links

- PSRC Traffic Safety Engagement Hub:  
<https://psrc-rsap.infocommunity.org/>
- State of the Region Report:  
<https://psrc-rsap.infocommunity.org/wp-content/uploads/psrc-state-of-the-region-report-2024.pdf>
- High Injury Network:  
[https://www.psrc.org/depts/data/website\\_data/hin-map/hin\\_map\\_dashboard.html](https://www.psrc.org/depts/data/website_data/hin-map/hin_map_dashboard.html)



# Discussion



# Schedule for Development of Plan

