

# Regional Safety Action Plan

Regional Project Evaluation Committee

December 6, 2024



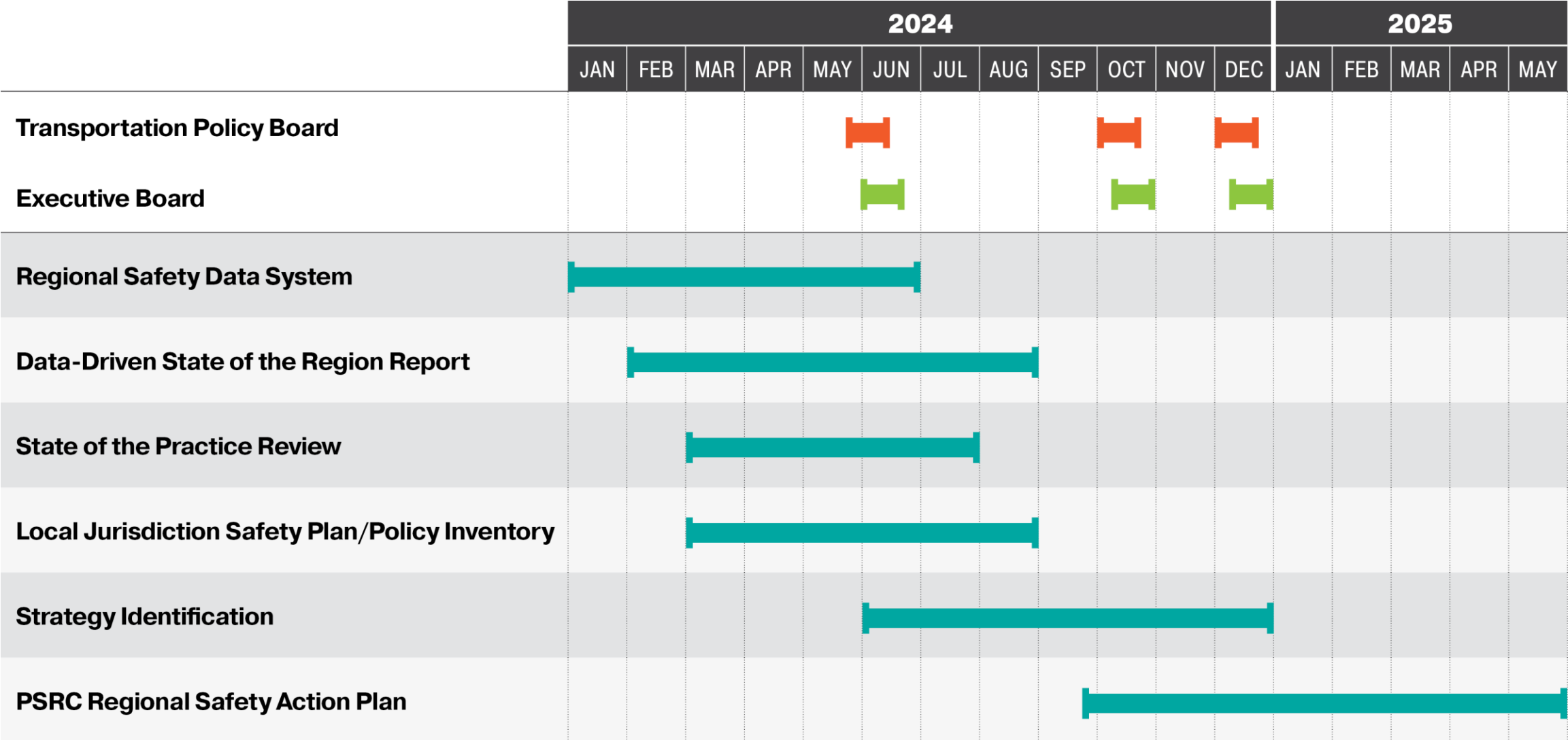
Puget Sound Regional Council



*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)

# Schedule for Development of Plan



# Key Findings from Data Analysis

- 1** Deaths on the region's roadways have **nearly doubled** in the last decade. This is the wrong direction, and unacceptable.
- 2** **Bicyclists and pedestrians** represent **nearly half of the increase** in deaths, **with pedestrians representing the vast majority.**
- 3** Crashes are happening everywhere – in all parts of the region, but **there are as many deaths in rural areas as in the biggest cities.**
- 4** Communities with **lower income residents have 37% higher** rates of serious injuries and deaths than higher income areas. Communities with **majority people of color have 32% higher rates** of serious injuries and deaths than the region as a whole.
- 5** Deaths and serious injuries are **70% higher in areas with a majority of both people of color and lower incomes** compared to the regional average.



# Key Findings from Data Analysis

- 6** **Native American and Alaskan Native** community members are **seven times more likely to die** in crashes than white residents.
- 7** Mapping crashes shows **the most frequent** fatalities and serious injuries occur **on major arterials with higher posted speeds**.
- 8** The vast majority of crashes involve cars and light trucks. However, those involving **motorcyclists have a one in four risk of death or serious injury**, five times that of cars or trucks.
- 9** In crashes involving **light trucks and SUVs, pedestrian and bicyclist deaths are 43% higher** than crashes involving passenger cars.
- 10** The most frequent contributing factors resulting in deaths and serious injuries involve **speeding, impairment, distraction, and failures to yield**. Crashes may include multiple factors.

# PSRC RSAP Public Involvement Calendar

Community Events  
& Interviews

July 2024 – Sep 2024

Online Engagement  
Hub

Sep 2024 – Spring 2025

Regional Public  
Meetings

Sept 18 – Oct 1

Focus Groups

Late 2024

Internal Briefings

Through 2024

Public Comment  
Process

January 2025

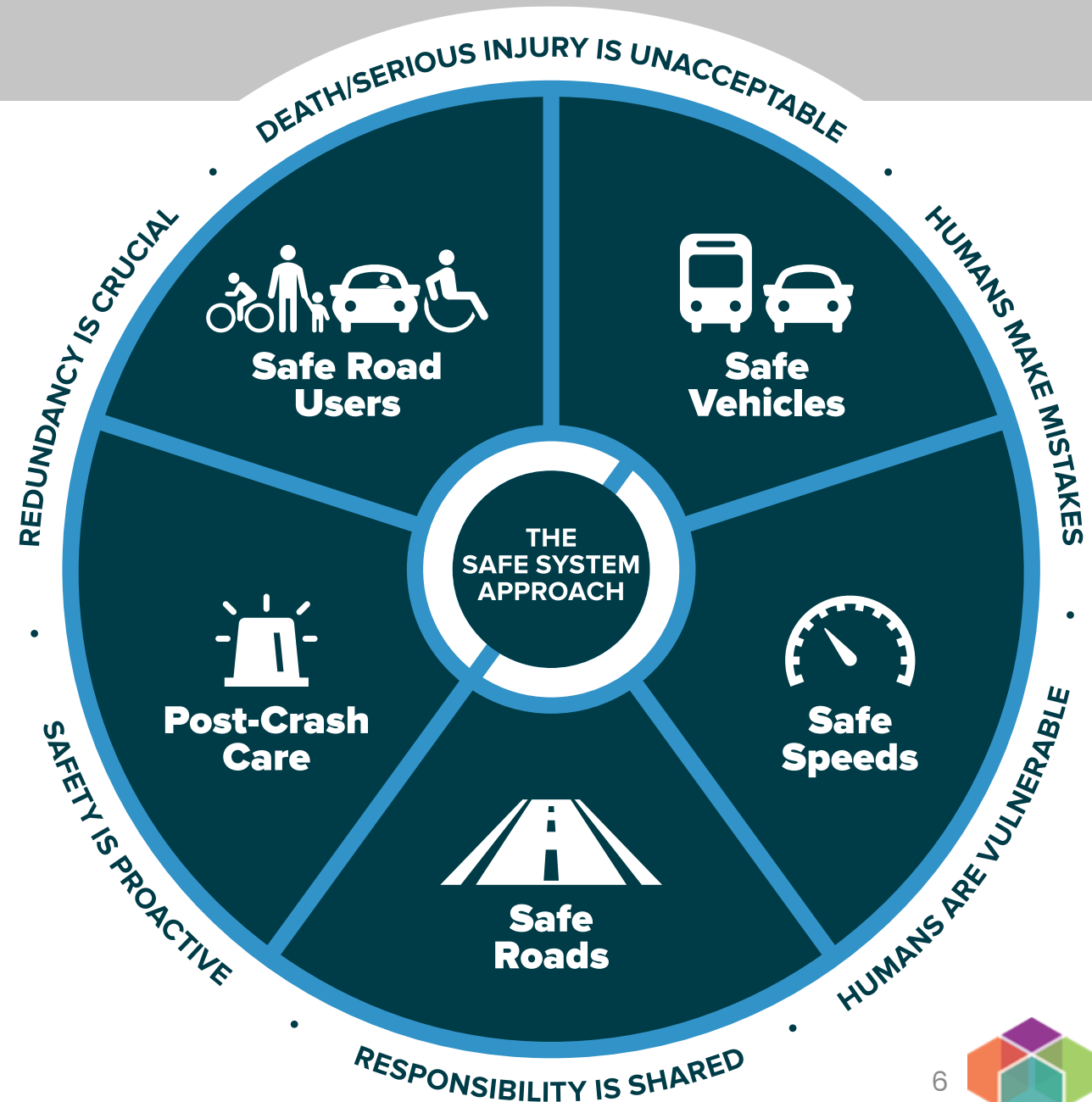
Public Opinion  
Survey

Spring 2025



# Strategy development

- Strategies developed based on the Safe System Approach
- Strategies include a menu of options for jurisdictions to apply depending on local context



# Emphasis areas

Urban, Multilane Arterials

Rural Highways

Tribal Areas

High-Capacity Transit Stations

Areas of Lower Income

Swift BRT High-Capacity  
Transit Station



# Crash types

For each emphasis area, the **most common crash types resulting in fatal and serious injury crashes** were identified.

The most common crash types for the identified emphasis areas include:

- Pedestrian
- Bicyclist
- Road departure
- Intersection
- Lane departure



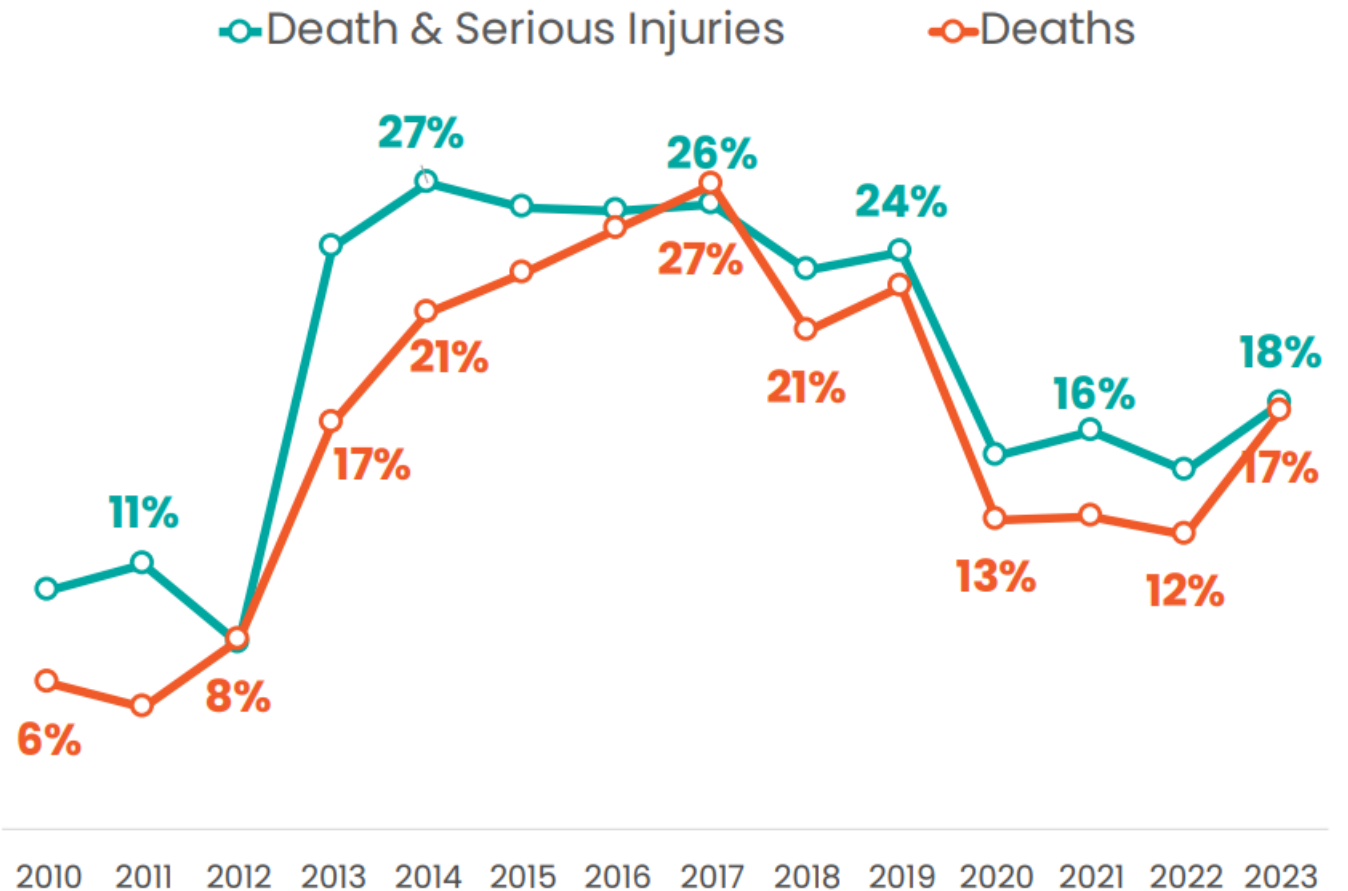
# Contributing factors

Contributing factors are based on human decisions.

The predominant contributing factors in the region are:

- Speeding
- Impairment
- Distraction
- Failure to yield

Figure 20. Severe Crash Outcomes involving Distracted Drivers as a Percentage of All Crash Types



Source: State of the Region Report

# Strategies

Which crash types are most associated with each emphasis area?

Emphasis Areas	Pedestrian	Bicyclist	Road Departure	Intersection	Lane Departure
Urban, Multilane Arterials	●	●	●	●	
Rural Highways	●		●	●	●
Tribal Areas	●	●	●	●	
High-Capacity Transit Stations	●	●	●		
Areas of Lower Income	●	●	●	●	



# Strategies to address pedestrian crashes

Reference tables with strategies for each common crash type

## Tools and Strategies

	Emphasis Areas					Contributing Factors			
	Urban Multilane Arterials	Rural Highways	Tribal Areas	High-Capacity Transit Stations	Areas of Lower Income	Speeding	Impairment	Distraction	Failure to Yield
<b>Design / Engineering Strategies</b>									
Advance Stop Lines	X		X	X	X				X
Hardened Centerline/Turn Hardening	X	X	X	X	X	X		X	X
High-Visibility Crosswalks	X	X	X	X	X				X
Leading Pedestrian Intervals	X		X	X	X				X
No Right on Red	X			X					X
Pedestrian Hybrid Beacons (PHB)	X		X	X	X				X
Pedestrian Walkways		X	X						
Protected Crossing Islands	X		X			X			
Protected Signal Phasing	X			X					X
Raised Crossings						X			
<b>Planning, Policy and Program Strategies</b>									
Consistent Transit Treatments				X					X
Improve Connections Caused by Arterials, Highways, And Interstates	X	X	X	X	X				
Improve Lighting	X	X	X	X	X				X
Low-Cost, Quick-Build Strategies	X	X	X		X	X			X
Reduce Vehicle Speeds and Speed Limits	X	X	X	X	X	X			

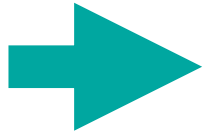
# Strategy Example

## Design / Engineering Strategies

and

## Planning, Policy and Program Strategies

**Pedestrian  
Safety**



High Visibility Crosswalks



Leading Pedestrian Interval  
(LPI)

### Safer Lighting

- Identify locations where lighting can improve road safety at intersections

### Safer Connections

- Implement systemic countermeasures to lower vehicle speeds and establish safe, connected pedestrian networks





# Using the Regional Safety Action Plan

The Plan will be an available resource and guide that can be used a variety of different ways:

- Agencies can use the Plan Toolbox to find the most effective strategies for specific circumstances
- The regional-scale High Injury Network (HIN) identifies corridors with high concentrations of deaths and serious injuries
- Crash data across all roadways will be available for download from PSRC's website by any jurisdiction
  - The Plan can be used as a guide for using this localized data to apply the same principles to identify mitigating strategies for local issues



# Links to Engagement Hub, Report, and HIN

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 (HIN):  
[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

