

An aerial photograph of a city street intersection, likely in Seattle, showing various vehicles including cars, a white van, and a motorcycle. Pedestrians are visible on the sidewalks. The image is overlaid with a semi-transparent blue filter. The text "Vision Zero Update" is prominently displayed in the upper left quadrant.

Vision Zero Update

Seattle Bike Advisory Board
March 6, 2024

Our Vision, Mission, Values, & Goals

Seattle is a thriving equitable community powered by dependable transportation. We're on a mission to deliver a transportation system that provides safe and affordable access to places and opportunities.

Core Values & Goals:

Equity, Safety, Mobility, Sustainability, Livability, and Excellence.

Presentation Outline

- Where we are
- Building momentum
 - Vision Zero Top-to-Bottom Review
 - Safe Systems Approach
- Getting to zero: strategies, actions, and targets
- What's next





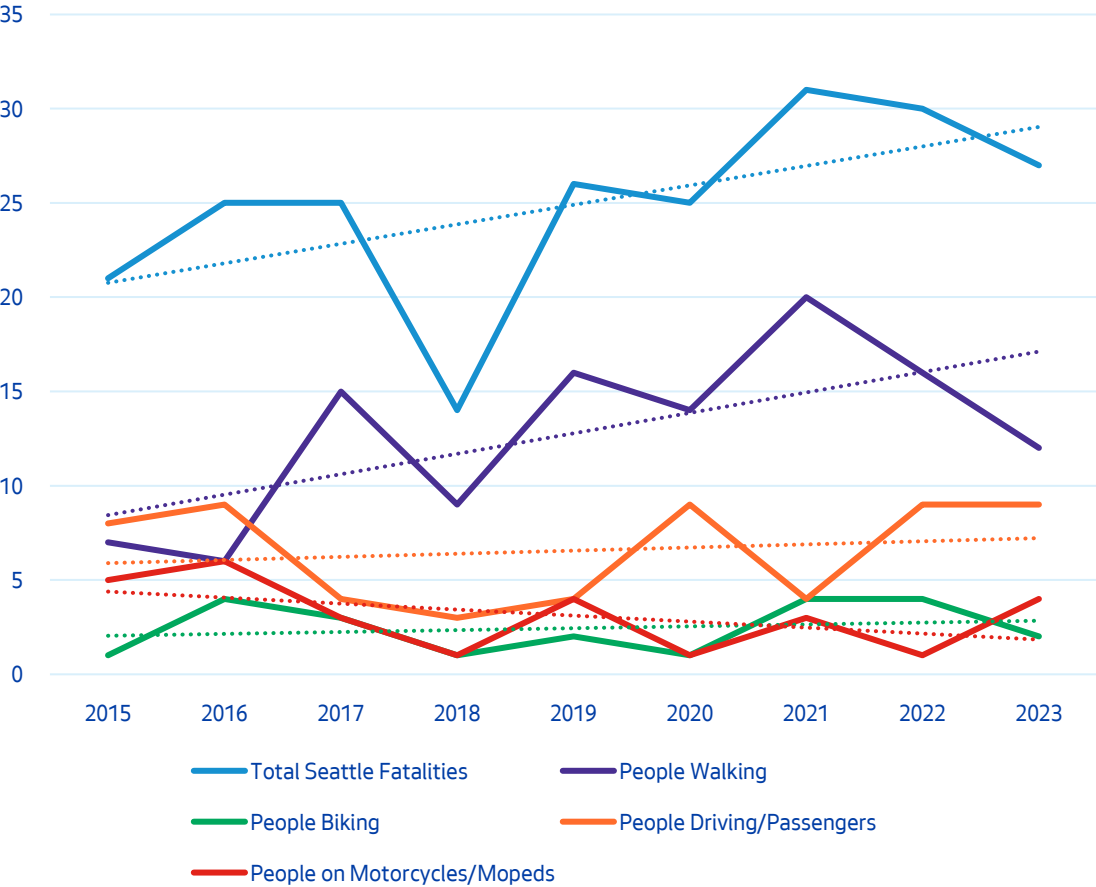
Since Seattle began its Vision Zero efforts in 2015, nearly **1,643 people** have been seriously injured and **224 people** have been killed in a traffic crash.

Together, we hold space for them.

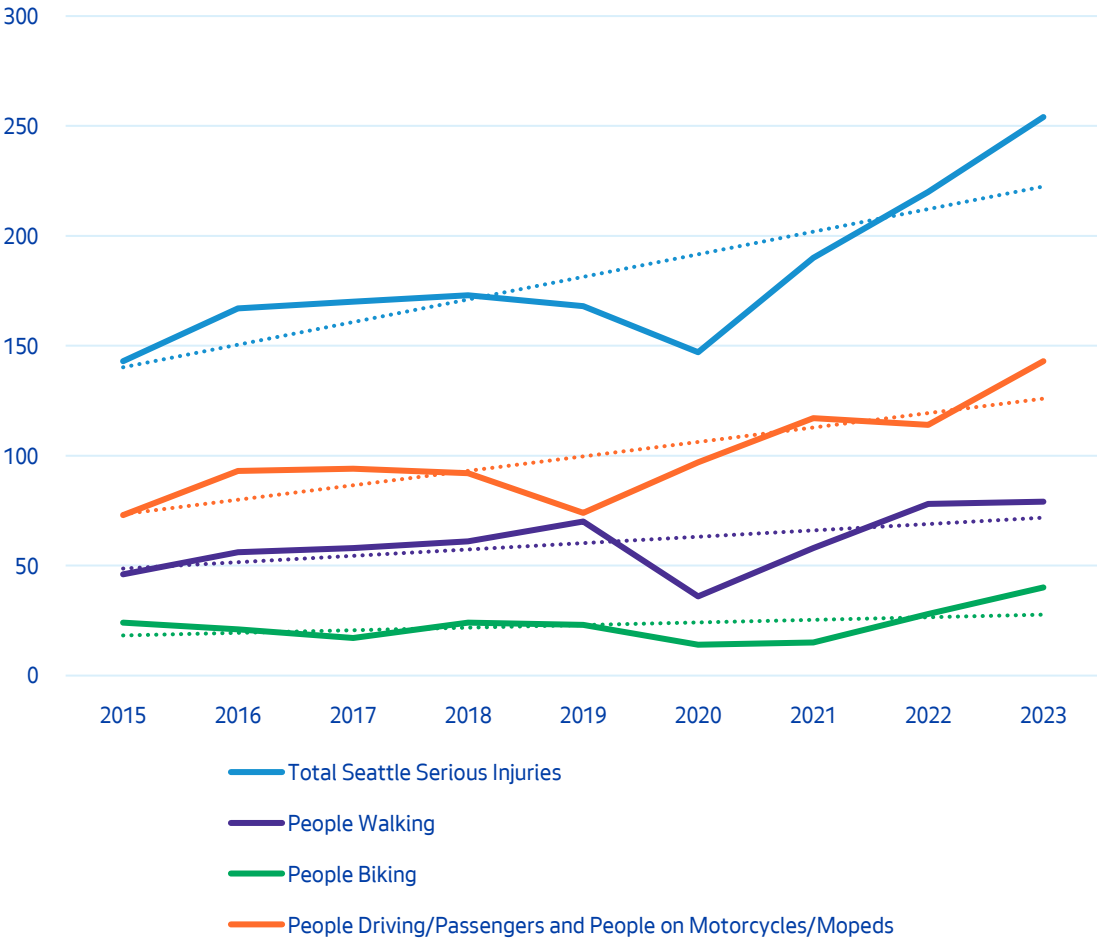
Together, we commit to taking action to end traffic deaths and serious injuries on city streets by 2030.

Where we are

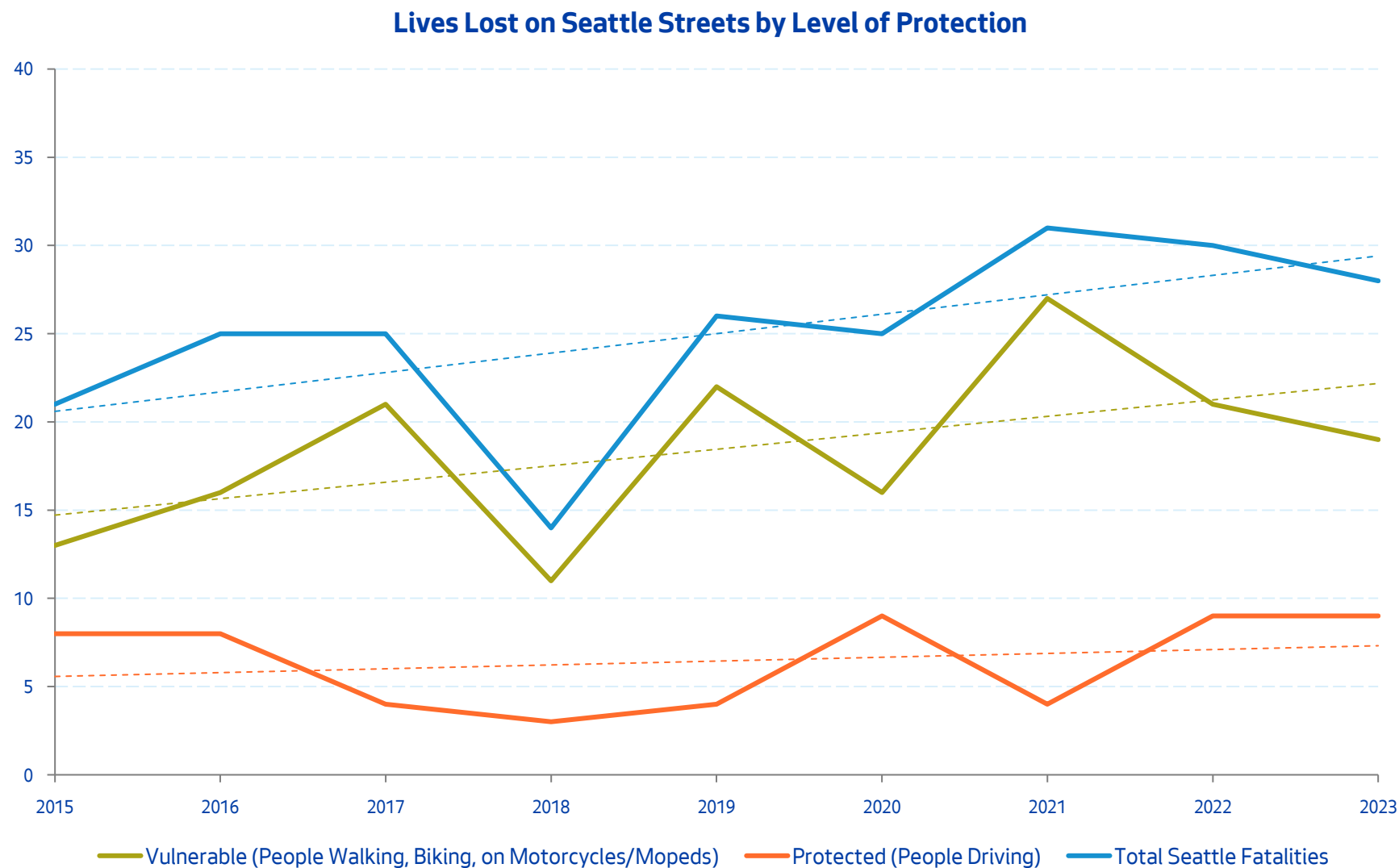
Lives Lost on Seattle Streets



Serious Injuries on Seattle Streets

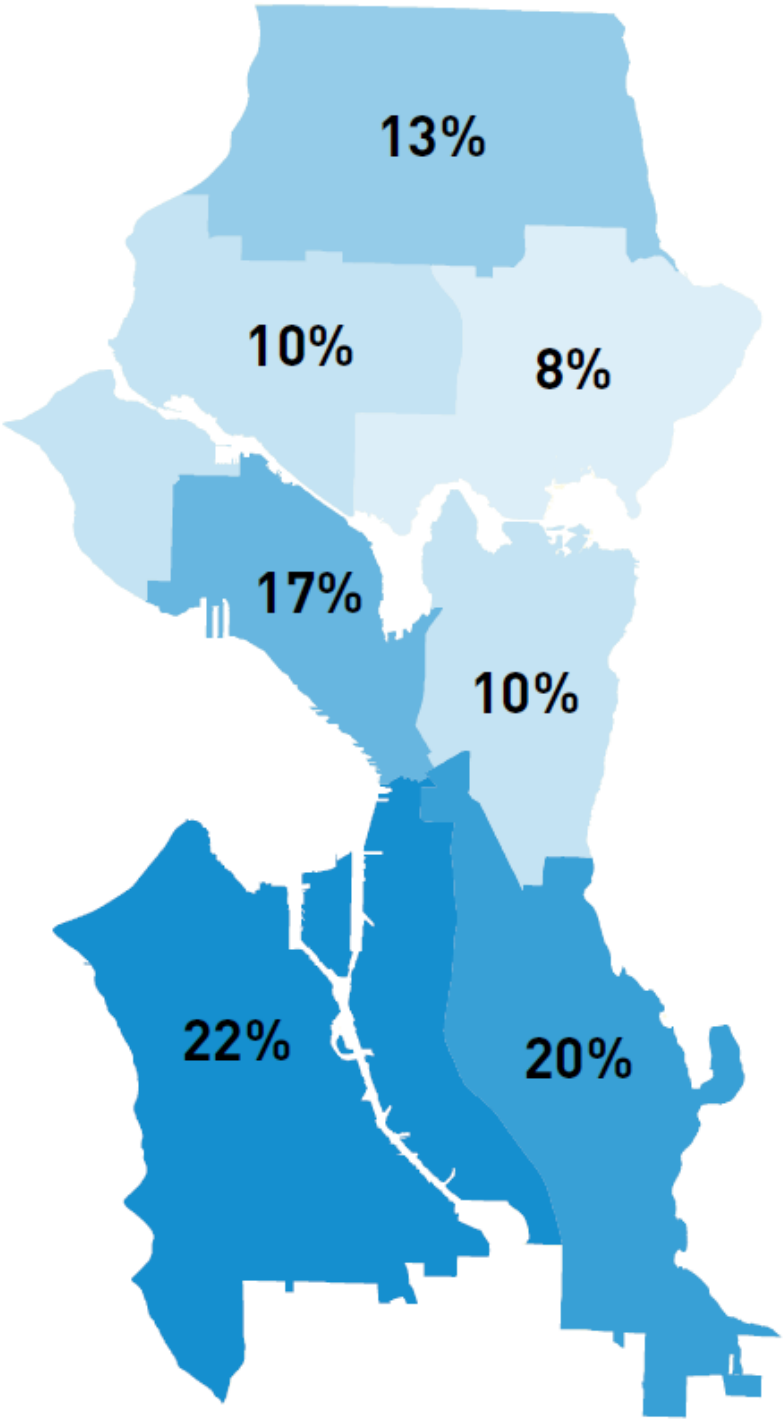


Disproportionate Impact on Vulnerable Users



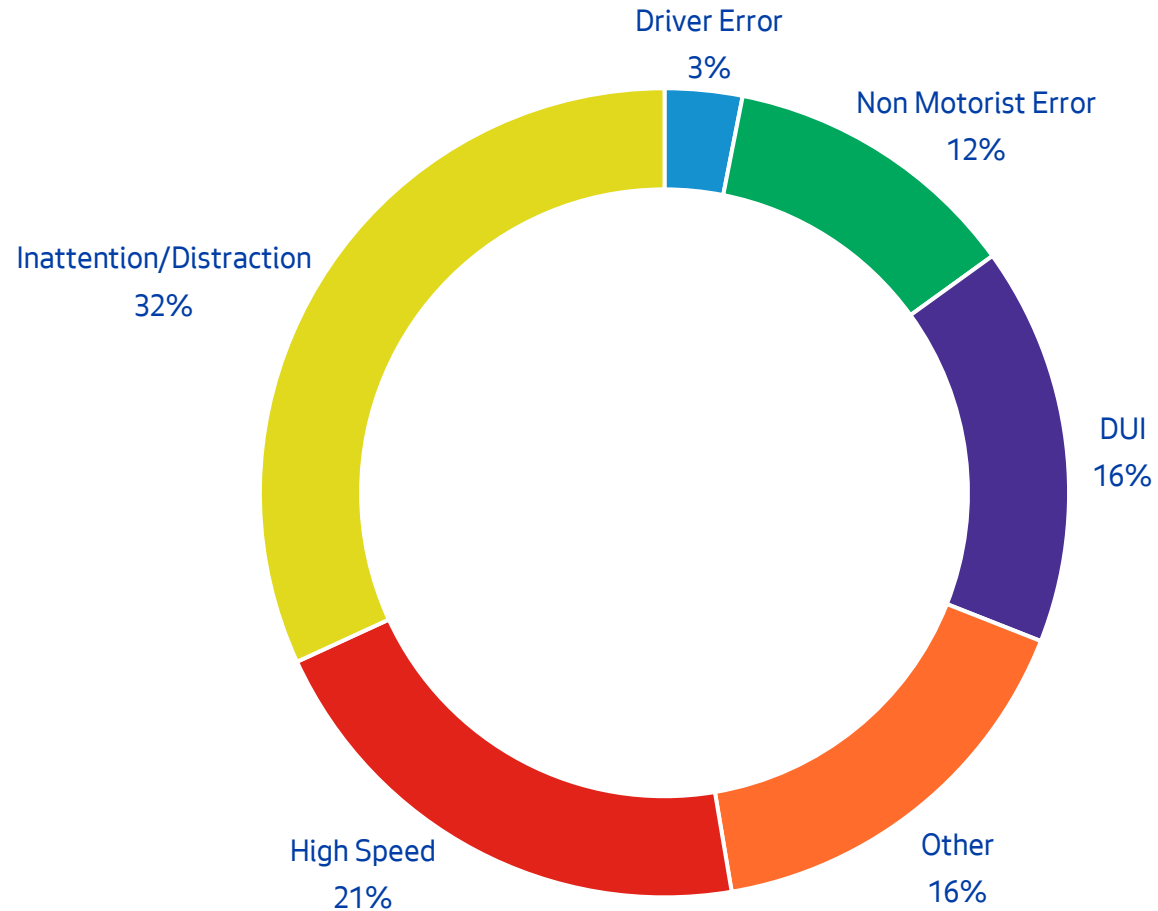
Where are these Crashes Occurring?

Share of 2018-2022
Fatal and Serious Injury
Crashes by Council District



Major Contributing Factors

Primary Contributing Factors to Fatal Crashes (2015-2023)

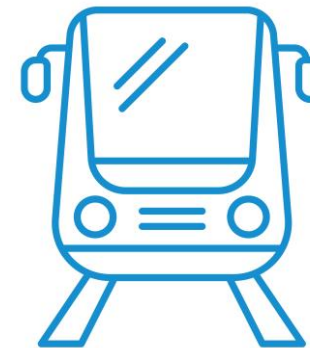
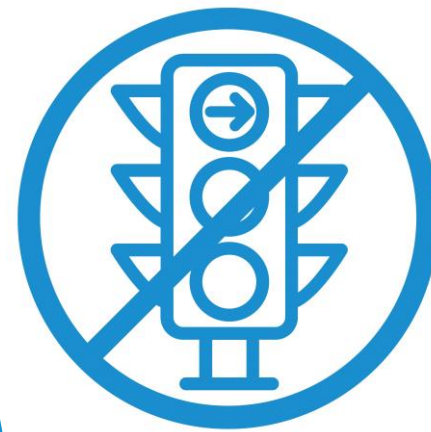


Top-to-Bottom Review Overview



2023 momentum-build action progress

- ✓ Implemented no turn on red restrictions at 73 intersections
- ✓ Installed LPIs at 101 intersections
- ✓ Established a partnership with Sound Transit and completed priority safety improvements along MLK Jr Way S
- ✓ Partnered with BIPOC-focused organizations to conduct engagement around automated enforcement and prepared a Statement of Legislative Intent on how to expand school zone automated enforcement
- ✓ Elevated the City Traffic Engineer to a new Chief Transportation Safety Officer role



2024-2026 Vision Zero Action Plan

- Roadmap reducing the number and severity of crashes
- Builds upon recommendations in the Top-to-Bottom Review
- Establishes an aggressive **3-year strategy**
- Specific and measurable actions for the entire department



2024-2026 Vision Zero Action Plan

22 strategies and over 80 actions

- 2024
 - Specific, measurable targets and projects
 - Funding secured
- 2025-2026
 - Identified strategies and actions
 - Delivery plan will be built from the adopted 2025-2026 budget



Safe Systems Approach

- **Goal:**
 - Build multiple layers of protection to reduce crashes and minimize harm when crashes do occur
- **Adopted by:**
 - U.S. Department of Transportation (USDOT) and states and cities around the country and the world
- **Methods:**
 - Engineering controls
 - i.e., street design that promotes lower speeds and safety for all
 - Administrative controls
 - i.e., regulating speed limits and enforcement



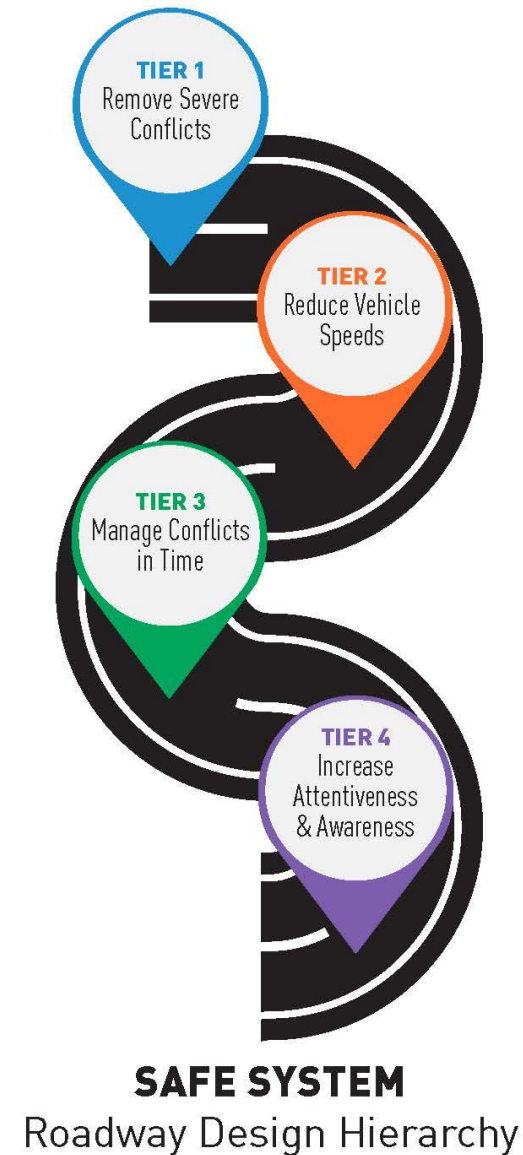
Safe System Approach Diagram.
Source: US Department of Transportation

Data-Informed Approach to Prioritization



Safe System Roadway Design Hierarchy

- Design treatments ranked based on effectiveness and alignment with Safe System principles
- Prioritize treatments that eliminate conflicts by making physical changes to the roadway



Three Prongs of the Vision Zero Approach

Responsive Safety

Use data from past collision history to inform where and how to plan new safety strategies and treatments.

Proactive Safety

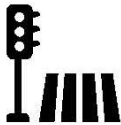
Scale up the systemic delivery of proven safety countermeasures where they will have the greatest impact in reducing speeds and preventing crashes.

Capital Project Partnerships

Conduct a safety evaluation of all SDOT capital projects and identify opportunities to install treatments that can reduce the likelihood of crashes in priority locations.

Vision Zero Action Plan

Key 2024 Actions



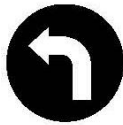
100

Intersections will be upgraded with leading pedestrian intervals



100

Intersections will be upgraded with new no turn on red restrictions



5

Intersections will be upgraded with protected left turn phasing



38

New enhanced crossings will be constructed at priority intersections



27-40

Blocks of new sidewalks or walkways will be constructed



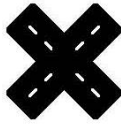
2.77

Miles of protected bike lanes and between 12-23 miles of neighborhood greenways will be constructed



2.1

Miles of protected bike facility upgrades will be constructed



13

Improvements at key intersections downtown will be installed to enhance safety and mobility for people who walk and roll



40

Traffic calming or lane narrowing will be installed on non-arterial blocks



Complete

development of a Vision Zero dashboard



Complete

development of a traffic safety camera policy and begin planning for new cameras



Advance

planning and design for all projects funded by the recently awarded Safe Street and Roads for All grant

Next Steps and Timeline

- **March 2024** - Engagement with Levy Oversight Committee and modal advisory boards
- **April 2024** - Publish Vision Zero Action Plan
- **2024** - Launch Vision Zero Program dashboard with key metrics





From the entire SDOT Team:
Thank you!