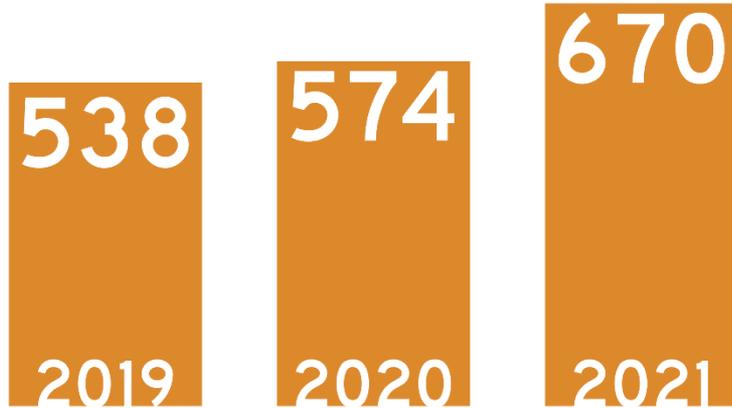




# AUTOMATED SPEED ENFORCEMENT

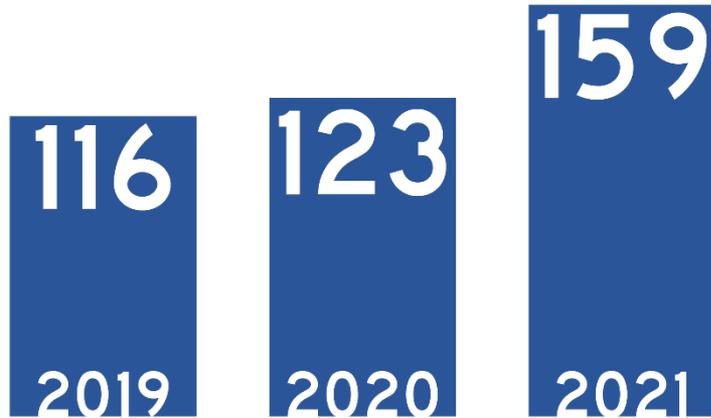
A Tool for Building Safer Communities

# Traffic Crash Trends



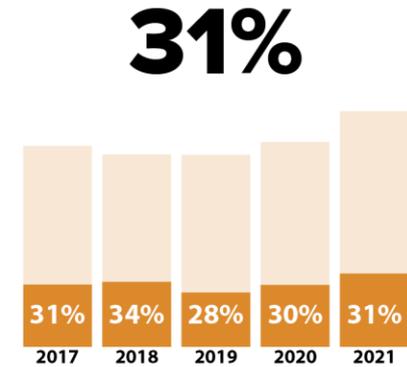
From 2019 to 2021, traffic fatalities in Washington increased by **23 percent**.

# Traffic Crash Trends



From 2019 to 2021, pedestrian and cyclist traffic fatalities in Washington increased by **37 percent**.

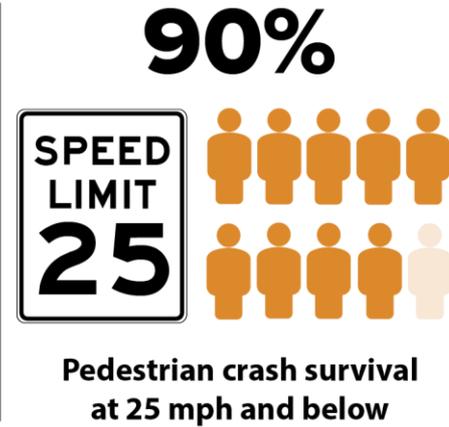
# Speed and Fatal Crashes



Speed-Involved Fatal Crashes



Pedestrian and Cyclist Fatalities



Driver behaviors directly affect pedestrian traffic fatalities

# Existing Enforcement Capacity

Law enforcement agencies struggle to maintain adequate staffing

Staffing shortages continue to impact local law enforcement

Jessica Perez, Reporter Oct 5, 2022 Updated Oct 6, 2022



# ASE – A Brief History

- Authorized by RCW in 2005
- Originally limited to school zones
- Currently used in 15 cities in Washington
- In 2022, law expanded use to additional locations



# Examples of Success



Seattle

**90%** Drivers who receive a ticket do not receive a second one

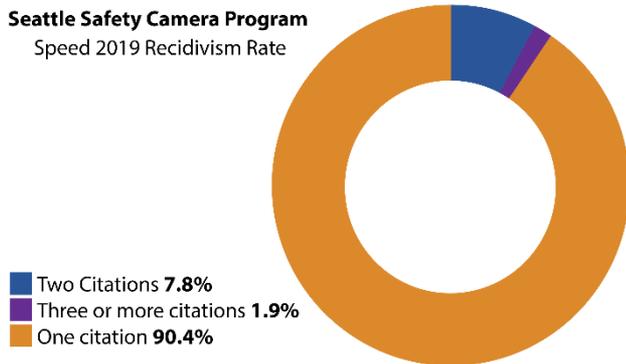
**67%** Reduction in tickets issued since 2012

Kirkland

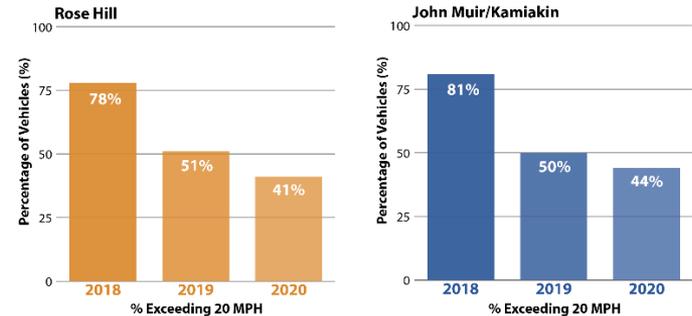
**89%** Drivers who receive a ticket do not receive a second one

**47%** Reduction in speeding vehicles

Seattle Safety Camera Program  
Speed 2019 Recidivism Rate



Vehicle Speed Analysis 2018-2020 Kirkland



Data showing reduced speeds in school zones due to ASE. Kirkland, WA

# Camera Locations



**School Speed Zones:** 20 mph zones within 300 feet of a school



**School Walk Areas:** Designated walk routes of less than one mile



**Park Speed Zones:** Area within 300 feet of the border of a park



**Hospital Speed Zones:** Area within 300 feet of the border of a hospital



# Camera Locations



## Other Locations

- 📷🚗 One automated speed camera, plus one additional camera for every 10,000 residents
- 📷🚗 Requires equity analysis
- 📷🚗 Allowed in locations:
  - ❑ where other speed reduction measures are not feasible or effective
  - ❑ with higher rates of collisions than city average
  - ❑ with restrictions and penalties on racing

# Best Practices - Equity

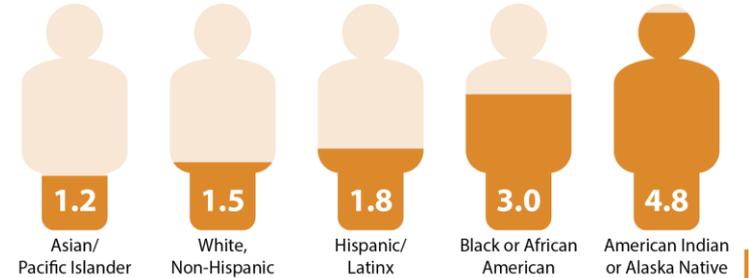
**Context:** Is there a history of underinvestment in transportation infrastructure in low income/minority communities?

**Location:** Who is impacted by the chosen camera location?

**Fines:** What options are available for low-income violators?

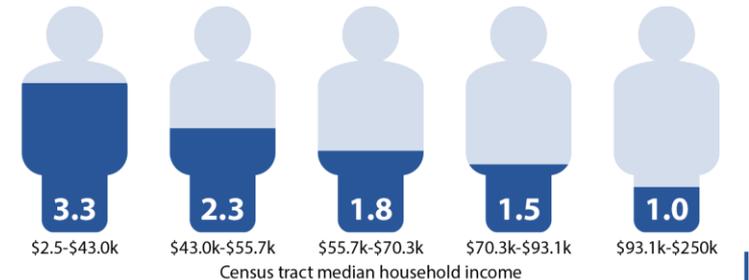
## Pedestrian Fatalities by Race/Ethnic Group

Deaths per 100,000 people



## Pedestrian Fatalities by Income

Deaths per 100,000 people



# Best Practices - Community



- Build an advisory team that includes the people involved in planning and operation of automated enforcement, as well as groups that will be impacted by it
- Seek input from the community, particularly from residents near proposed sites, people who frequently use the site, and other groups who may be impacted

# Best Practices - Evaluation

- ❑ Analysis of vehicle speeds
- ❑ Crash statistics in ASE locations and jurisdiction-wide
- ❑ Data on citations issued
- ❑ A good program should see a decline in tickets issued as driver behaviors change



# The Goal

Reduce high-risk driving behaviors that contribute to traffic crashes.



# Learn More



Speed Safety Camera  
Readiness Guide



An introduction to speed safety cameras and what's involved in starting a program in your community.

 **TRAFFIC SAFETY  
COMMISSION**

Februar y 2023

The Speed Safety Camera  
Readiness Guide is available at:

[wtsc.wa.gov/download/13495](https://wtsc.wa.gov/download/13495)



# AUTOMATED SPEED ENFORCEMENT

**TARGET  
ZERO**

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