

Bellevue Vision Zero Action Plan



Bellevue Transportation Commission

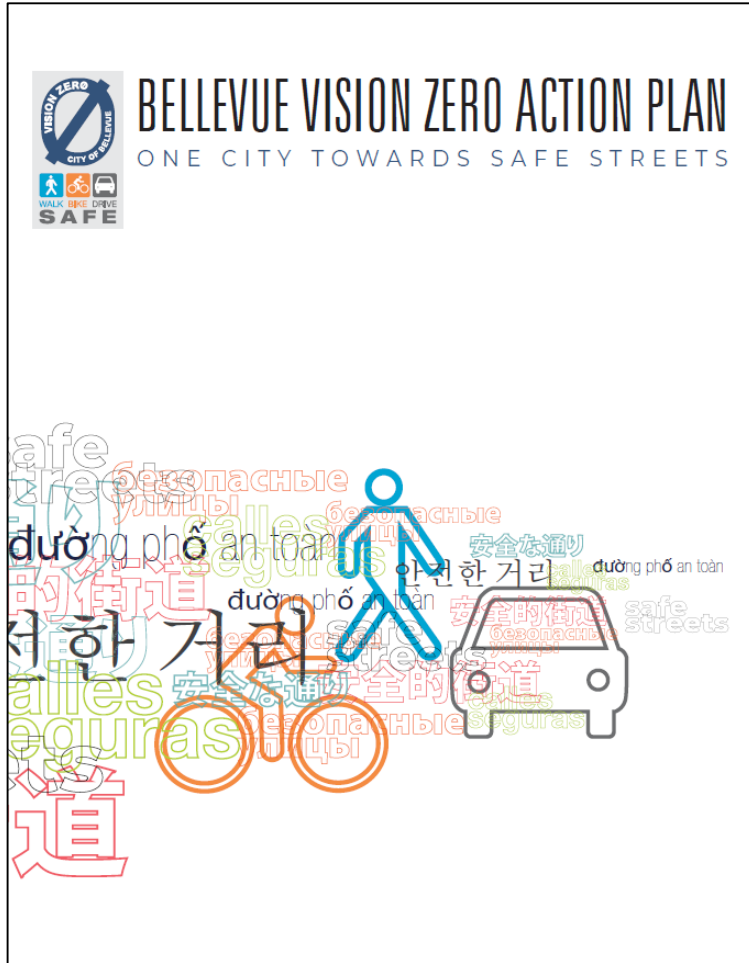
November 14, 2019

Franz Loewenherz

Principal Transportation Planner

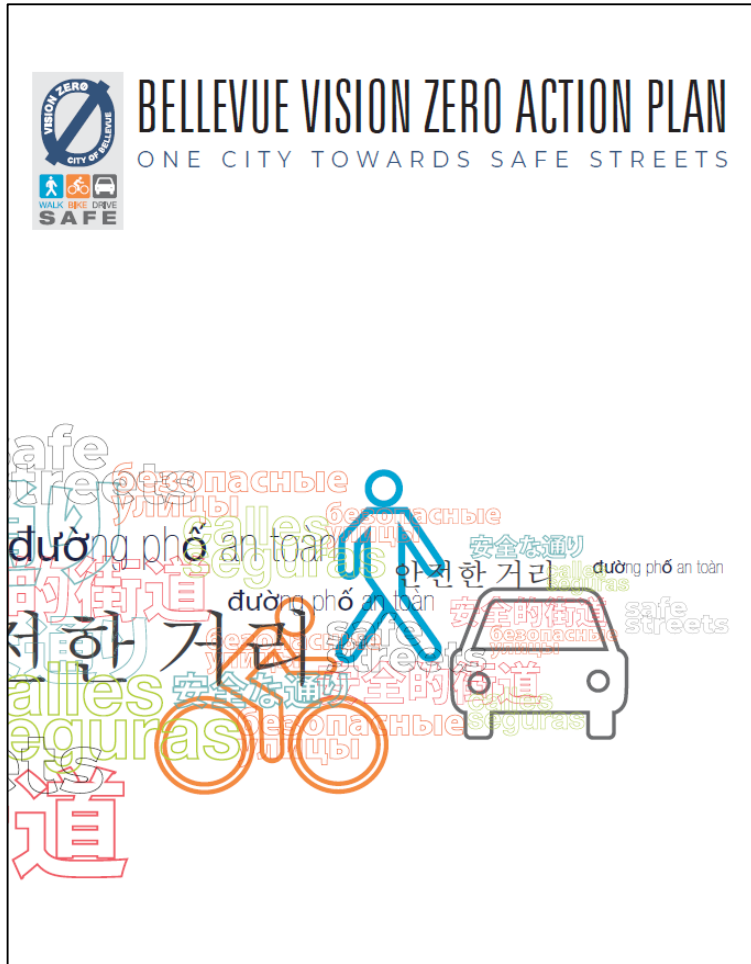
City of Bellevue

Project Context



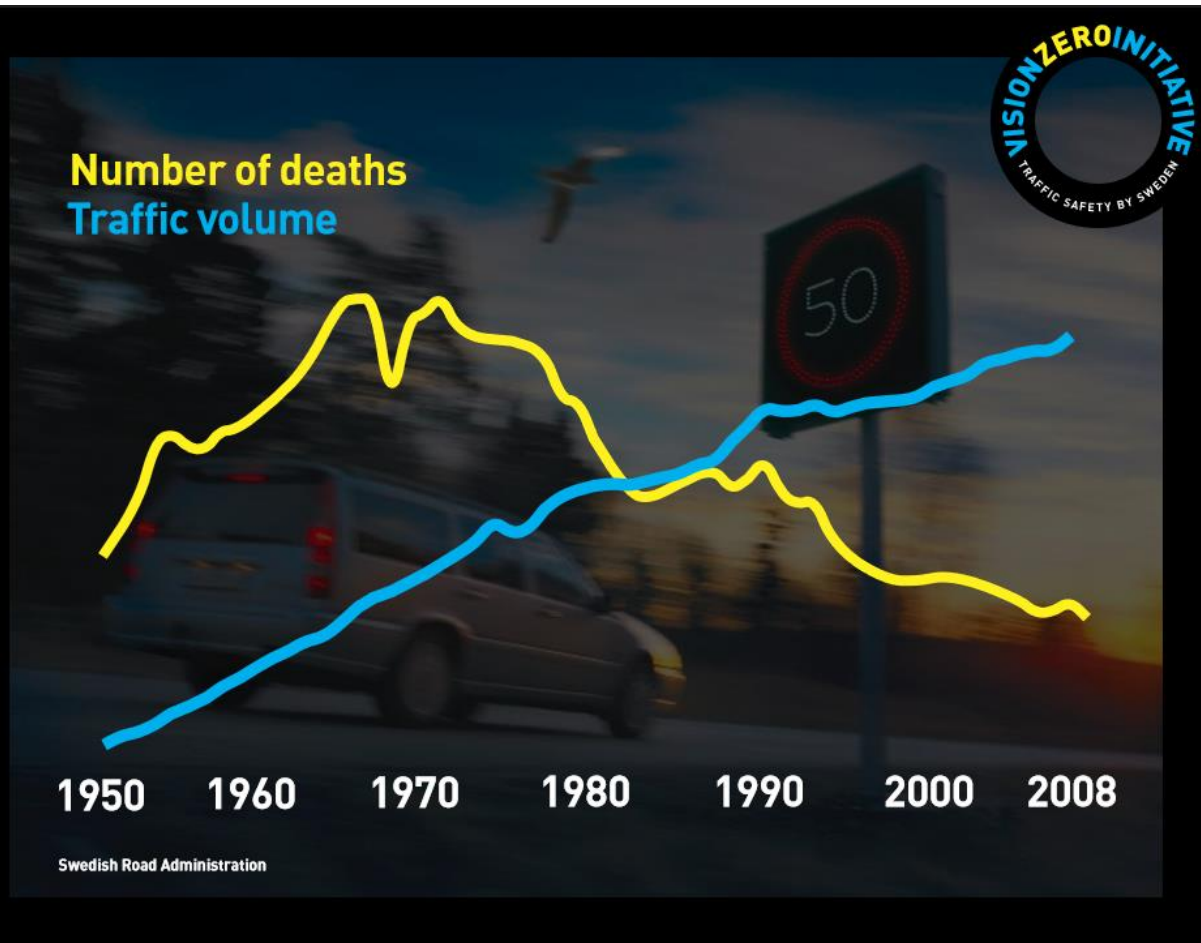
The Vision Zero Action Plan is a citywide, transportation safety initiative that leverages safe systems strategies and actions to advance the goal of eliminating traffic fatalities and serious injuries in Bellevue by 2030.

Vision Zero Overview



- Why Vision Zero?
- Road to Zero, Target Zero, and Vision Zero
- Bellevue City Council Policy Direction
- Vision Zero Action Plan
- Collision Data
- Outreach Efforts (External + Internal)

Road to Zero, Target Zero, & Vision Zero



A traffic safety strategy to eliminate traffic fatalities and severe injuries, while increasing safe, healthy, equitable mobility.

- Recognizes traffic fatality and injuries are the results of crashes and are preventable
- Sets timeline to aggressively eliminate both
- Focused on strategic and measurable goals, and driven by data
- Takes a multidisciplinary approach

Why do we need Vision Zero?

Suspected DUI crash leaves two injured in Bellevue

Fatal crash in Bellevue cuts car in half

Bellevue Way closed, woman sent to hospital in life-threatening condition after collision

Hit-and-run driver nearly kills woman on bike in Bellevue

Car strikes, kills toddler in stroller in Bellevue

Bellevue Teen Dead in Suspected DUI Crash



Why do we need Vision Zero?



Bellevue, WA Police ✓

@BvuePD

Follow

UPDATE: The 72-year-old Bellevue man involved in the collision with a car on SE 8th St. at 145th Ave SE yesterday evening has passed away. The crash is still under investigation.

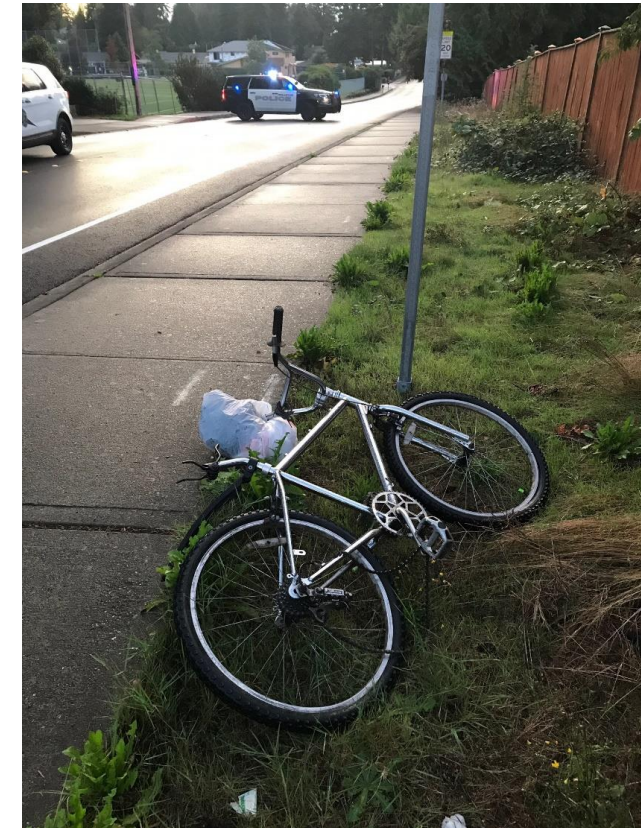
12:00 PM - 23 Sep 2019



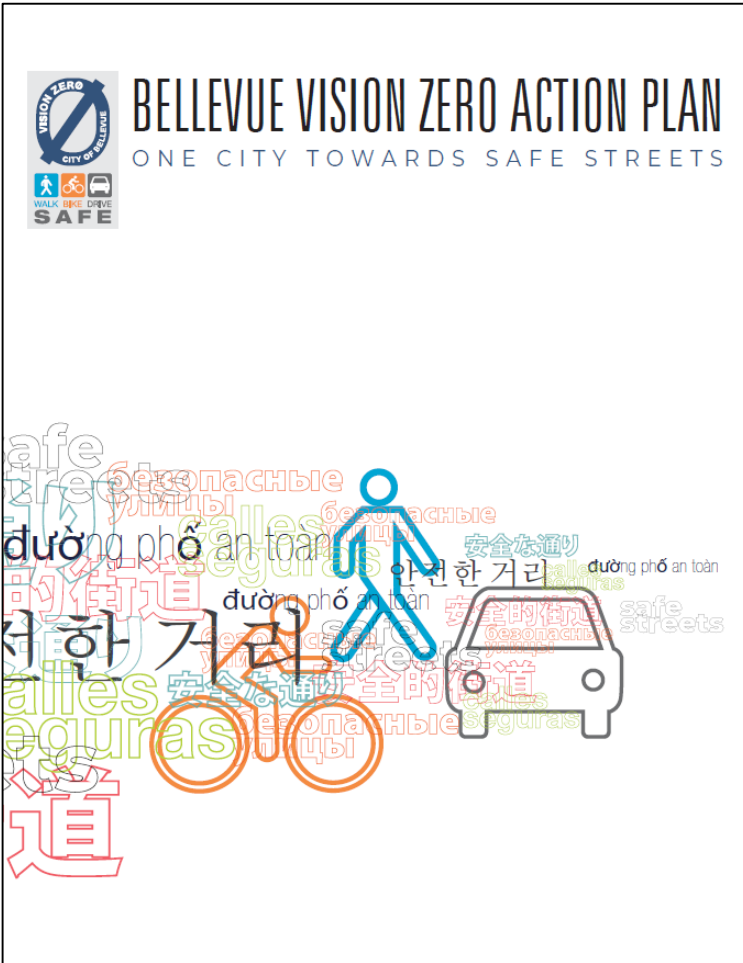
Atlántida Rodríguez @Atlntida7 · Sep 23

Replying to @BvuePD

My grandpa didn't deserve to go like this 💔 the amo y nos vemos a ver pronto que en paz descanse



Bellevue Vision Zero Action Plan



WHEREAS, the worldwide Vision Zero movement is founded on the belief that death and injury on city streets is unacceptable and preventable

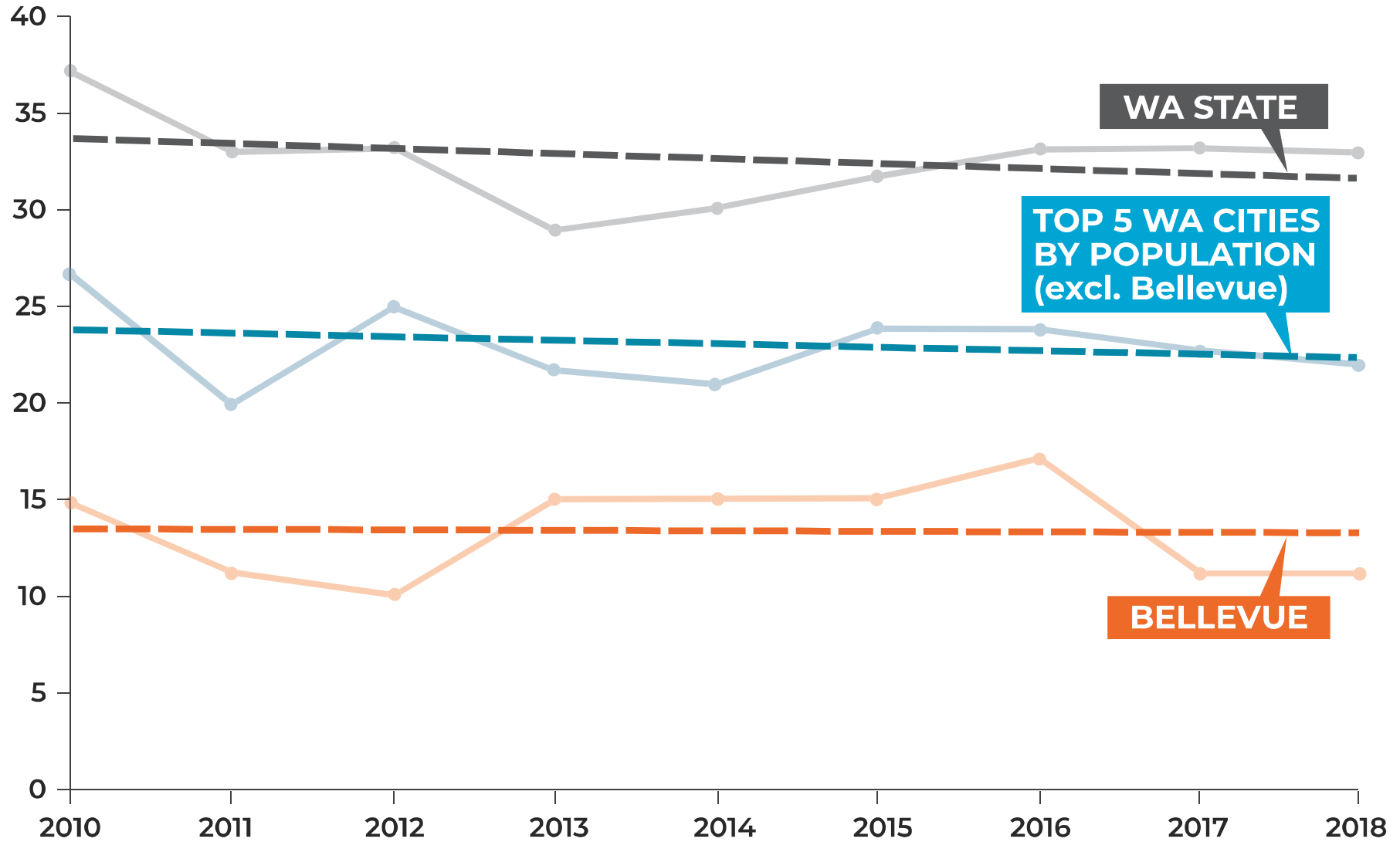
- **The City of Bellevue endorses Vision Zero as part of a comprehensive effort to strive to achieve zero traffic deaths and serious injuries on Bellevue streets by 2030.**

Bellevue Ordinance No. 6334

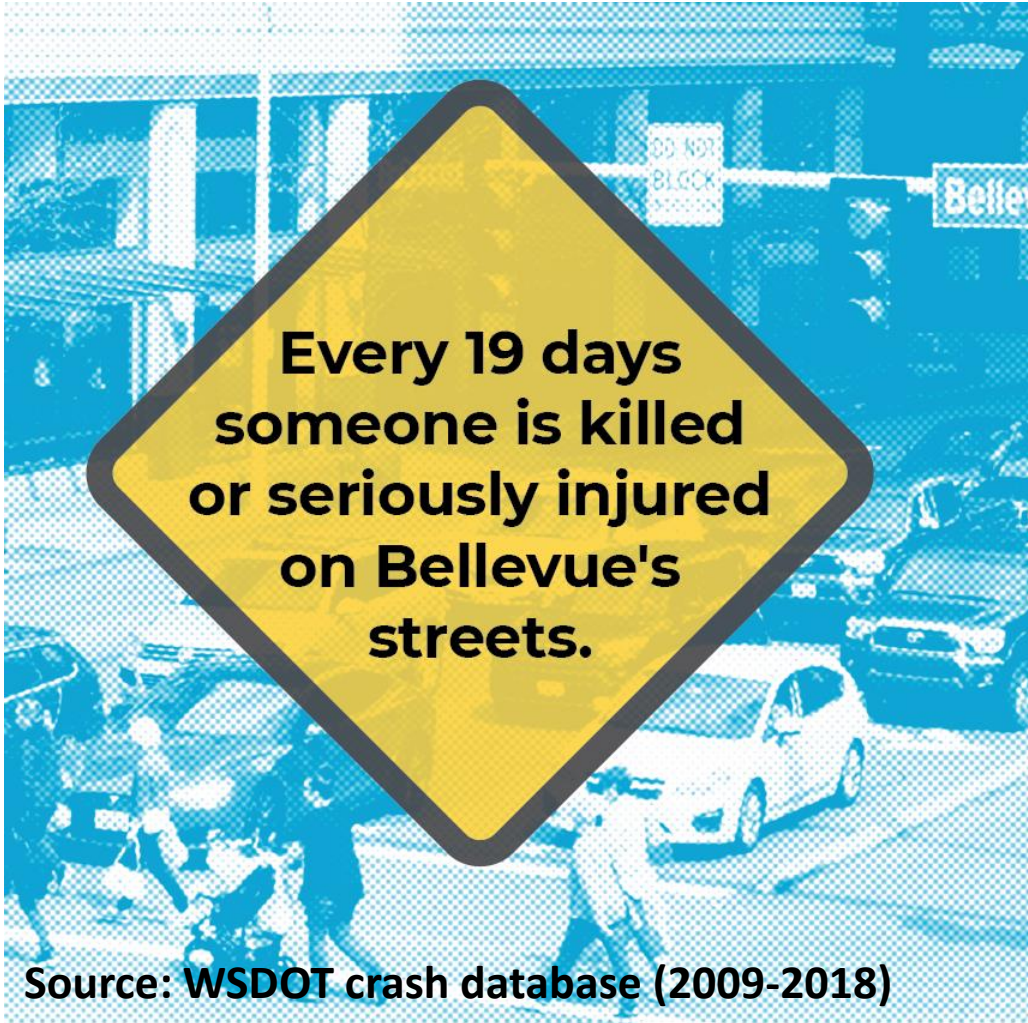
- Prepare and implement a **Vision Zero Action Plan** that incorporates the **6 Es** and includes a clear purpose, outcomes, community involvement, action items and performance measures
- Update **Vision Zero strategies** periodically
- Provide **Vision Zero status reports** that aggregate and analyze data, document efforts, and communicate progress to the City Council and to the community

Fatal and Serious-Injury Collisions per 100,000 population

Source:
WSDOT collision data base (2010-2018) for City of Bellevue street system only (freeways and their associated fatalities and serious injuries are not represented).

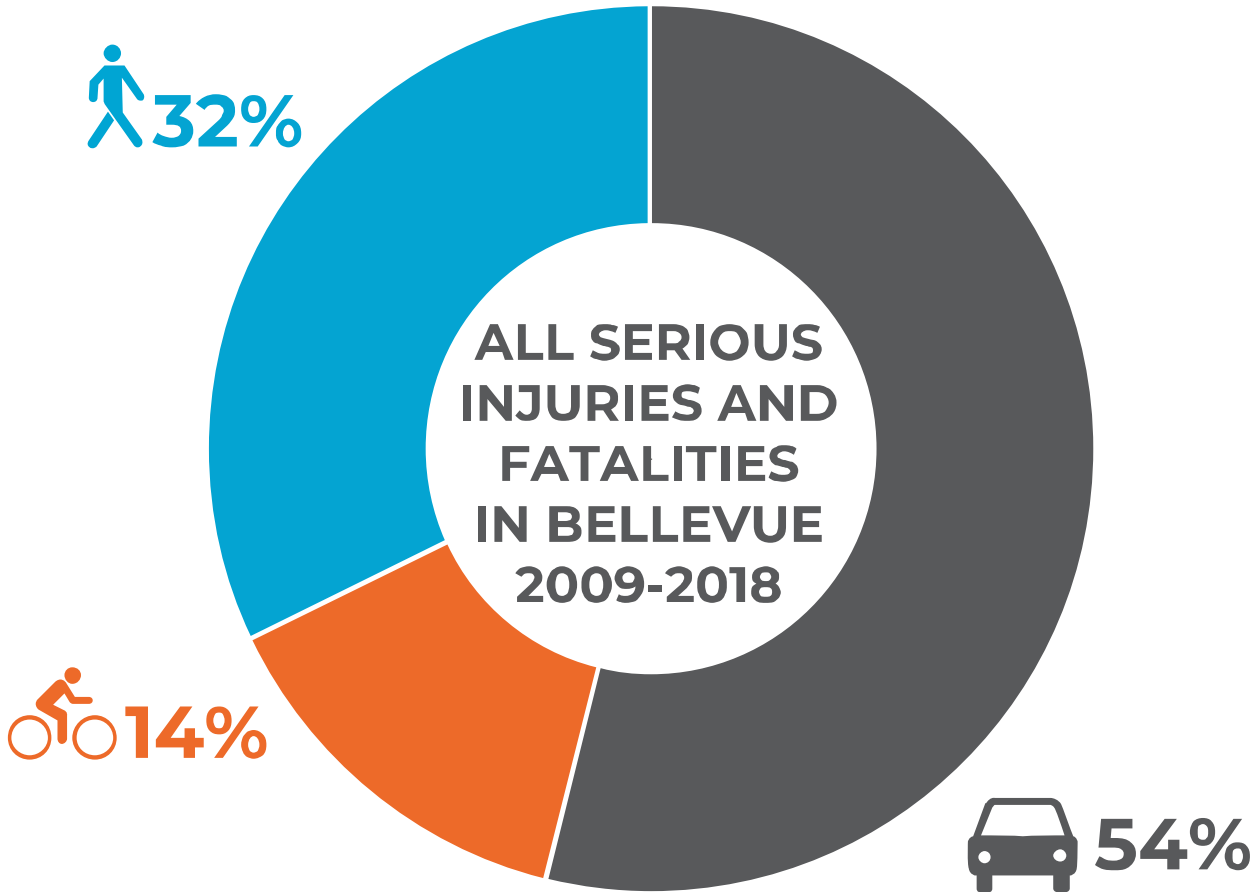
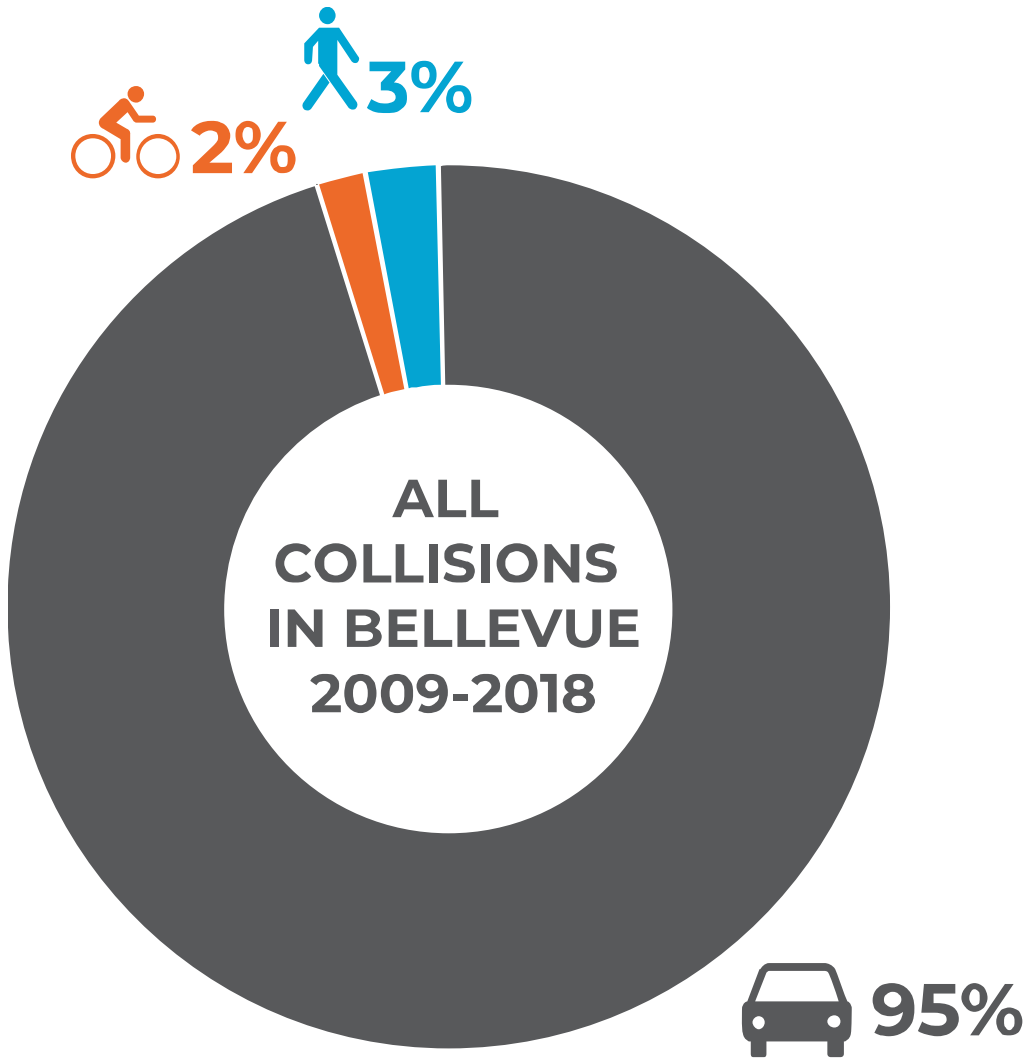


Why do we need Vision Zero?



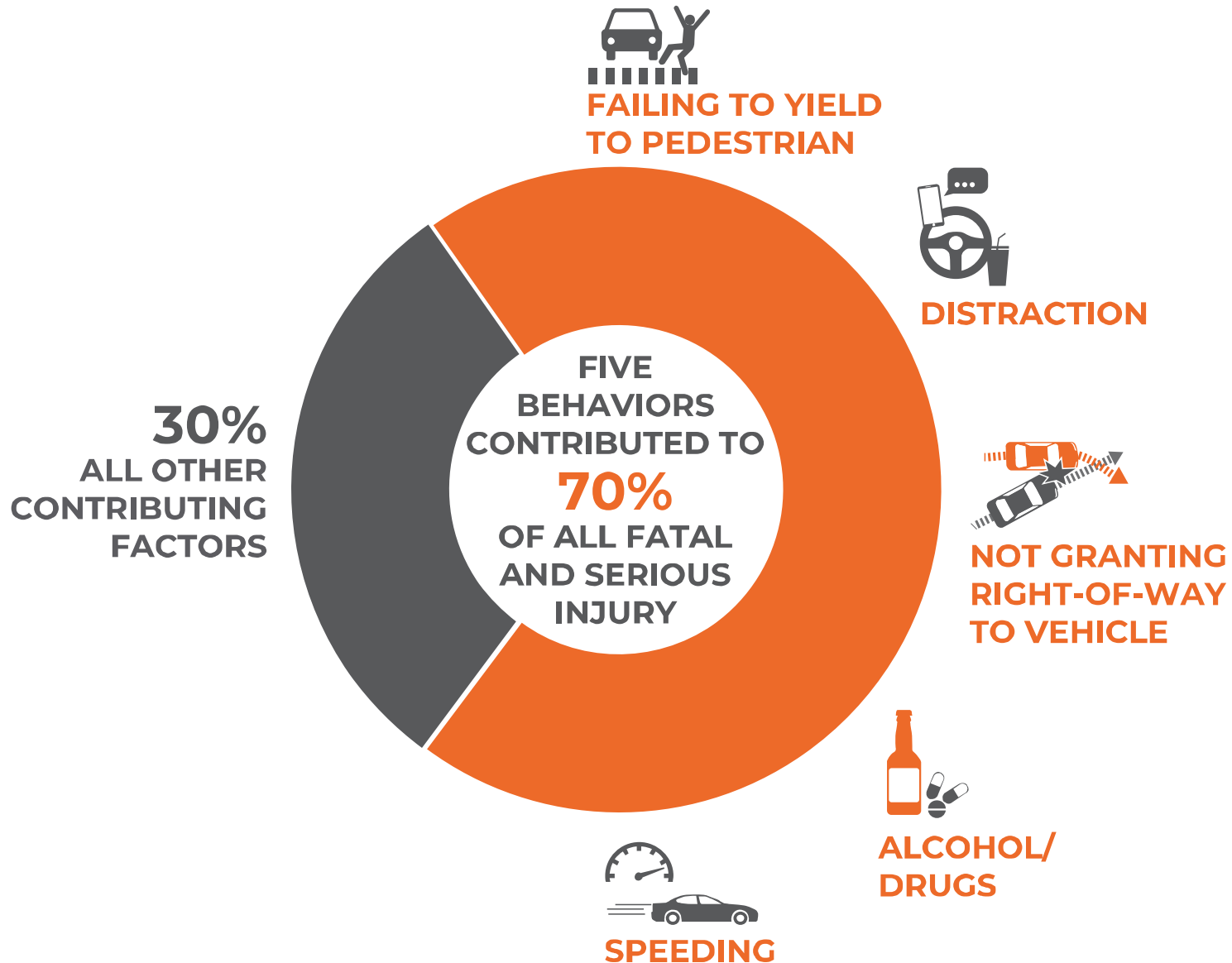
In 2018, there were 1,518 police reported collisions in Bellevue, resulting in 450 injuries. Of these 450 injuries, 19 were serious injuries and one (1) was a fatality.

Road Users

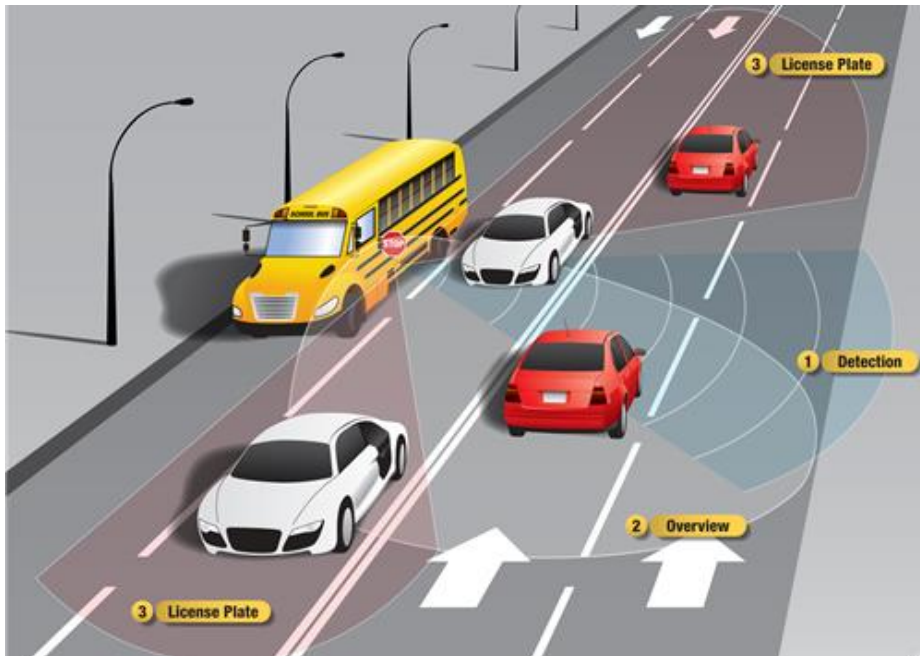


High Risk Behaviors

Source:
WSDOT collision data base (2009-2018) for City of Bellevue street system only (freeways and their associated fatalities and serious injuries are not represented).



Failing to Yield



Note: Violation would go to the white cars, not the red ones.

Bellevue School District – 1,474 Tickets (\$419) From January – September 2019

Approximately $\frac{1}{4}$ (roughly about 35 buses) of BSD buses have the stop paddle cameras on them. BSD plans to add 10 more by the end of March, with a goal of 100% by the beginning of the 2020 school year.

Failing to Yield



Failing to Yield

VIOLATION LOCATIONS

BELLEVUE PUBLIC SCHOOLS, WA

Select a Location : All

Select a Product : All

Select a Time Frame

10/1/2019

10/31/2019

by Violation Date

Issued Citation

Forwarded

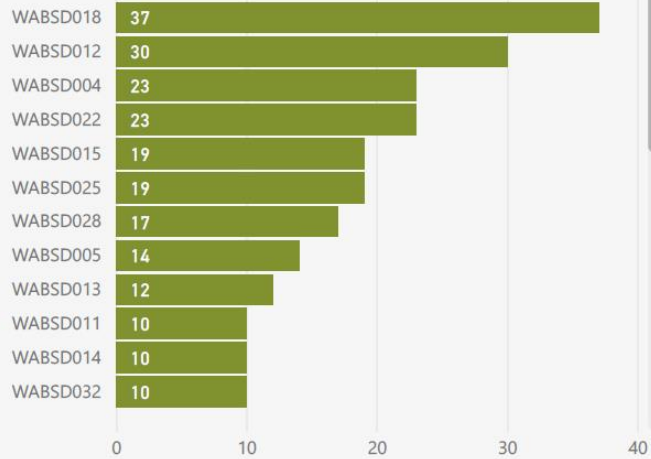
Warning Notice

Not Issued

Awaiting Processing

Total Violations by Location

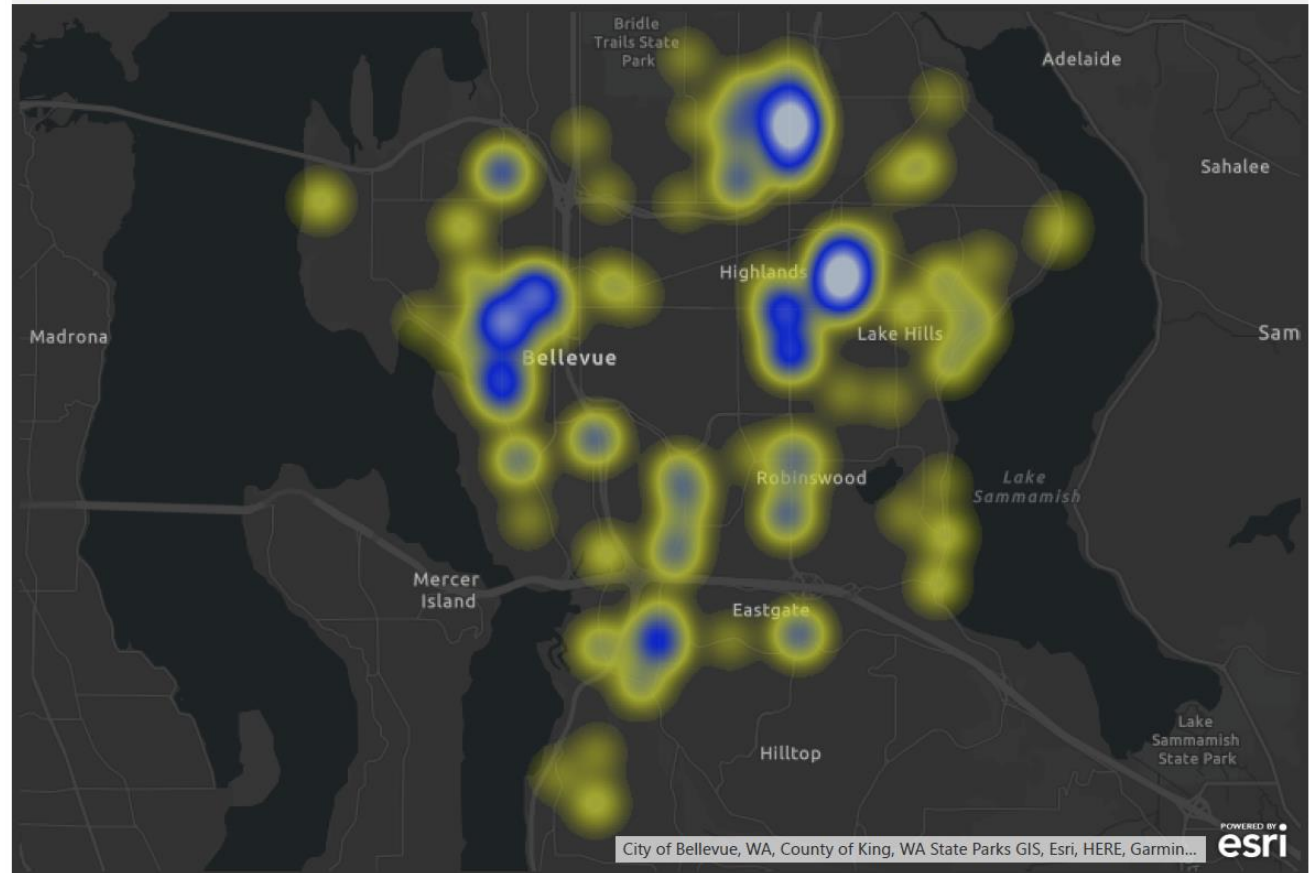
Issued Citation



by Product

by Vio Category

Density of Recorded Violations



City of Bellevue, WA, County of King, WA State Parks GIS, Esri, HERE, Garmin...

POWERED BY esri




Speeding

108th Ave / Main St
Safety Study 08/26/19

Near-misses Ped Off Xwalk Ped Xing On Red RL Running **Speeding** Int. Blocking

Speeding Trajectories

Schematic

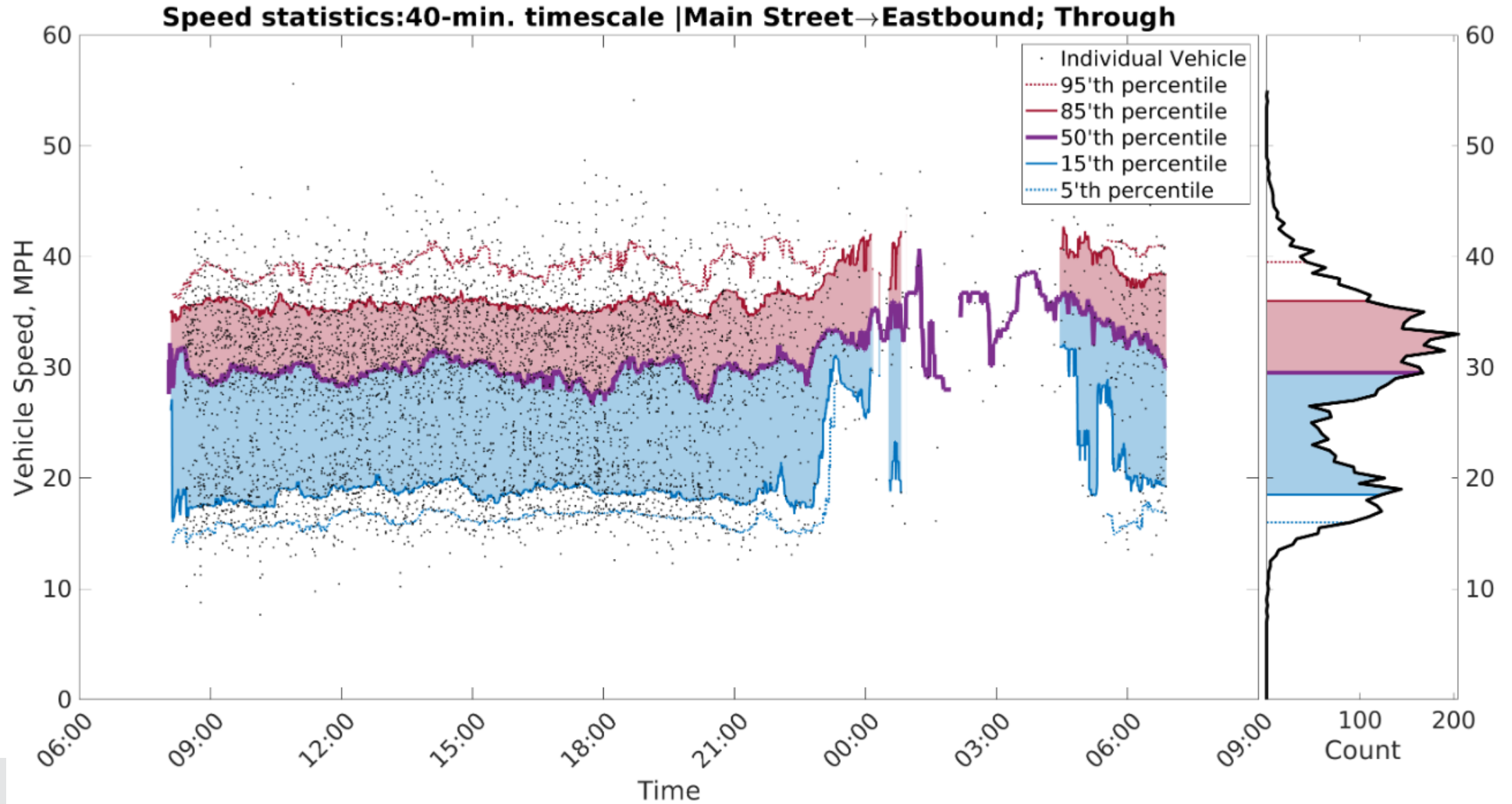


Overview

ID	Event Type	User 1 Motion	Speed (mph)	Time	
0	Veh	Main Street W - Through	55	11:54 AM	<input type="checkbox"/>
1	Veh	Main Street E - Through	54	7:04 PM	<input type="checkbox"/>
2	Veh	Main Street W - Through	53	7:41 PM	<input type="checkbox"/>
3	Veh	Main Street W - Through	48	6:34 PM	<input type="checkbox"/>
4	Veh	Main Street W - Through	48	12:48 AM	<input type="checkbox"/>
5	Veh	Main Street W - Through	47	10:42 AM	<input type="checkbox"/>
6	Veh	Main Street E - Through	47	7:03 AM	<input type="checkbox"/>
7	Veh	Main Street W - Through	47	2:15 AM	<input type="checkbox"/>
8	Veh	Main Street W - Through	47	3:04 PM	<input type="checkbox"/>
9	Veh	Main Street W - Through	47	1:21 AM	<input type="checkbox"/>
10	Veh	Main Street W - Through	47	6:49 PM	<input type="checkbox"/>
11	Veh	Main Street W - Through	46	7:04 PM	<input type="checkbox"/>
12	Veh	Main Street E - Through	46	2:56 PM	<input type="checkbox"/>
13	Veh	Main Street W - Through	46	3:10 PM	<input type="checkbox"/>
14	Veh	Main Street E - Through	46	11:13 PM	<input type="checkbox"/>
15	Veh	Main Street W - Through	46	6:34 PM	<input type="checkbox"/>
16	Veh	Main Street E - Through	46	8:15 PM	<input type="checkbox"/>
17	Veh	Main Street W - Through	46	3:19 PM	<input type="checkbox"/>
18	Veh	Main Street W - Through	46	8:23 PM	<input type="checkbox"/>
19	Veh	Main Street W - Through	46	7:22 PM	<input type="checkbox"/>
20	Veh	Main Street W - Through	46	12:14 PM	<input type="checkbox"/>
21	Veh	Main Street W - Through	46	12:23 AM	<input type="checkbox"/>

Detailed Data & Video

Speeding



Distraction

seattlepi.com
<https://www.seattlepi.com/local/transportation/article/18-000-drivers-Washington-State-Patrol-distracted-13272761.php>

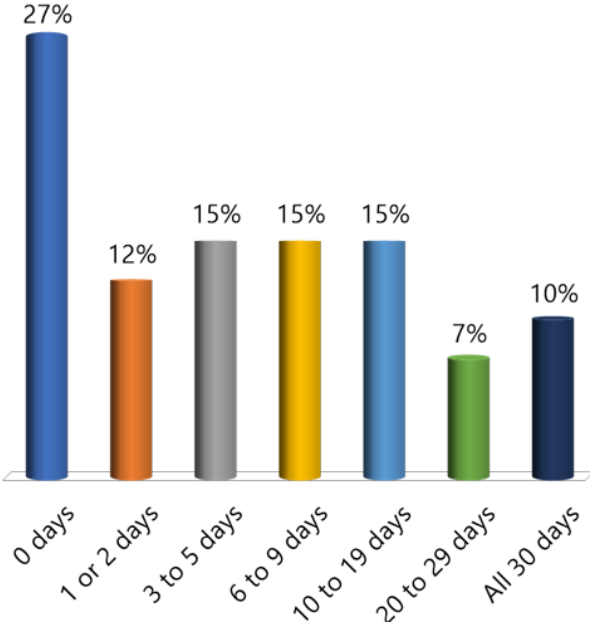
18,000 drivers: Washington State Patrol nabs more distracted drivers through Sept. than all of 2017

By Zoosha Millman, SeattlePI Published 12:28 pm PDT, Monday, October 1, 2018



During the past 30 days, on how many days did you ride in a car or other vehicle driven by someone who was texting or emailing?

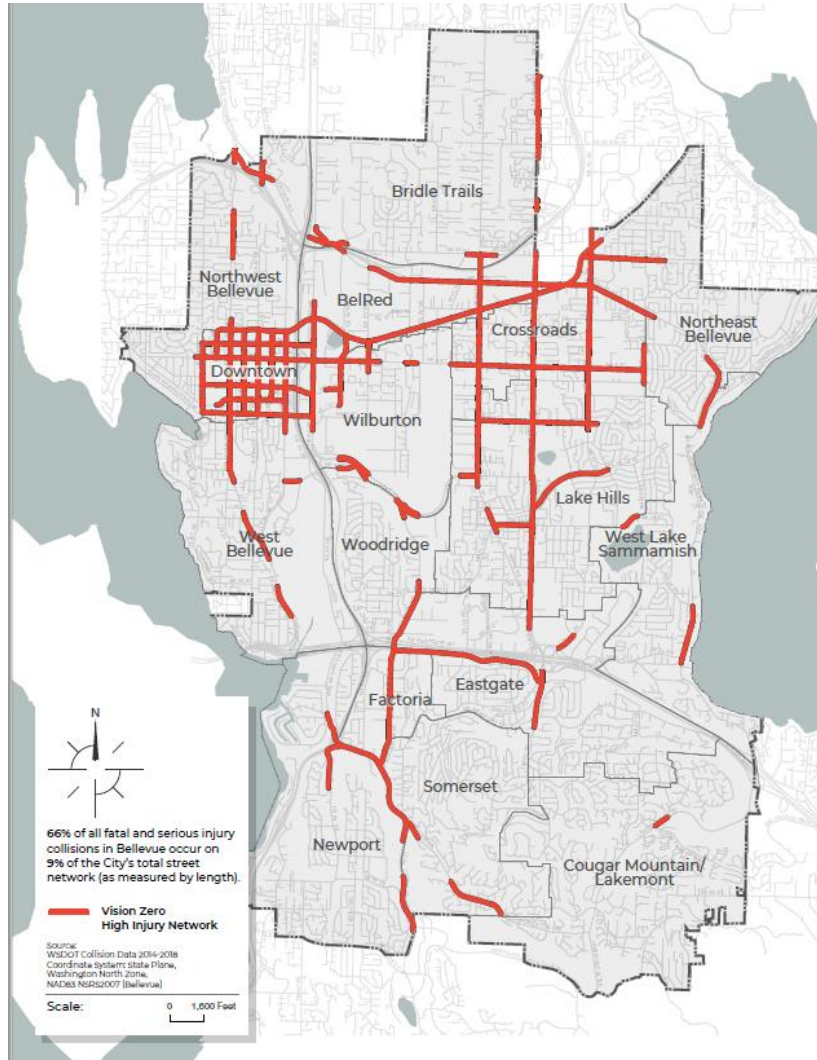
- A. 0 days
- B. 1 or 2 days
- C. 3 to 5 days
- D. 6 to 9 days
- E. 10 to 19 days
- F. 20 to 29 days
- G. All 30 days



Results from Youthlink Outreach, 110718
https://bellevuewa.gov/sites/default/files/media/pdf_document/vision-zero-action-plan-youthlink-outreach-110718.pdf

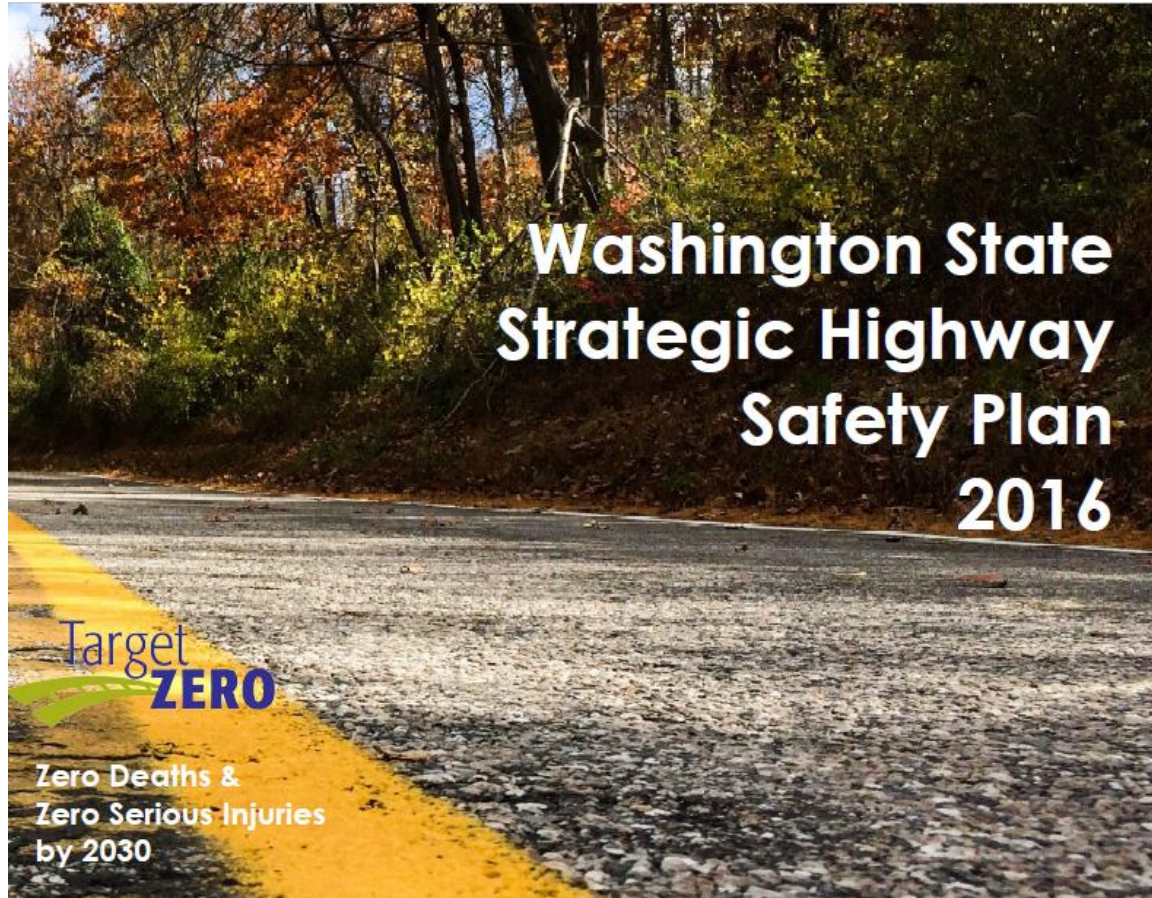


High Injury Network



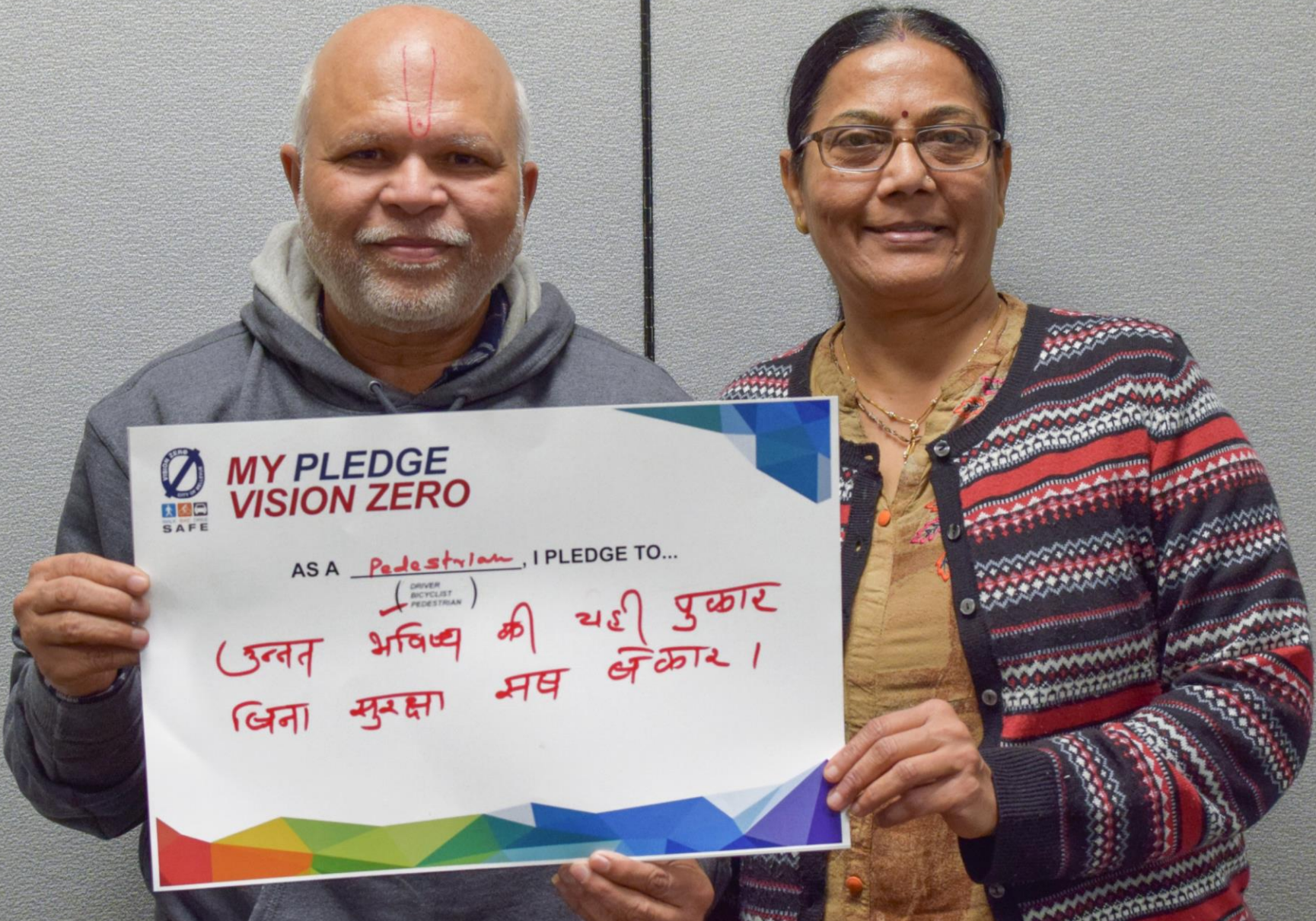
66% of all fatal & serious-injury collisions in Bellevue occur on just 9% of streets.

Outreach Efforts | Stakeholder Meetings (Agency Partners)



Target Zero/Vision Zero coordination meeting between City of Bellevue, Washington State Department of Transportation, Washington Traffic Safety Commission, and Transportation Improvement Board staff (Olympia, 12/17/2018).

Outreach Efforts | Stakeholder Meetings (Community)



Outreach Efforts | Online Questionnaires (Community + Staff)

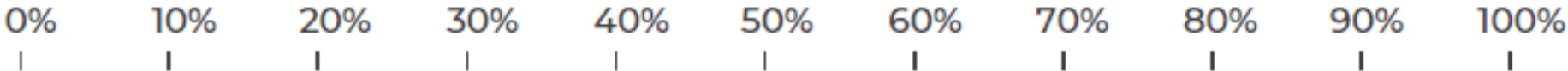
THE CITY OF BELLEVUE PROVIDES A SAFE TRANSPORTATION SYSTEM FOR ALL USERS

STRONGLY DISAGREE 0 1 2 3 4 5 6 7 8 9 10 STRONGLY AGREE

Community Questionnaire (N=1509)



Staff Questionnaire (N=221)



Outreach Efforts | Online Questionnaires (Community + Staff)

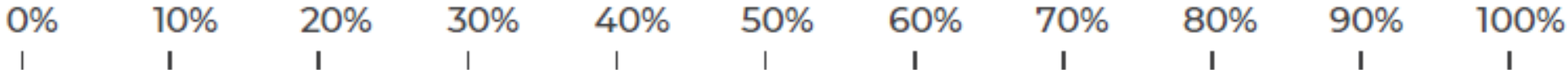
STREETS SHOULD BE DESIGNED TO BE SAFE FOR PEOPLE OF ALL AGES AND ABILITIES

STRONGLY DISAGREE 0 1 2 3 4 5 6 7 8 9 10 STRONGLY AGREE

Community Questionnaire (N=1517)



Staff Questionnaire (N=232)



Outreach Efforts | Vision Zero Summit (Agency Partners + Staff)



- A forum to share ideas and consider creative solutions to achieve Vision Zero.
- Leverage best practices that are successful elsewhere and applicable to Bellevue.
- Provide substance to the development of Bellevue's Action Plan.

Outreach Efforts | Vision Zero Summit (Agency Partners + Staff)

SAFE SYSTEMS



Roger Millar, WSDOT

SAFE VEHICLES



Vijitha Chekuri, MSFT

SAFE PEOPLE



Darrin Grondel, WTSC

SAFE SPEEDS



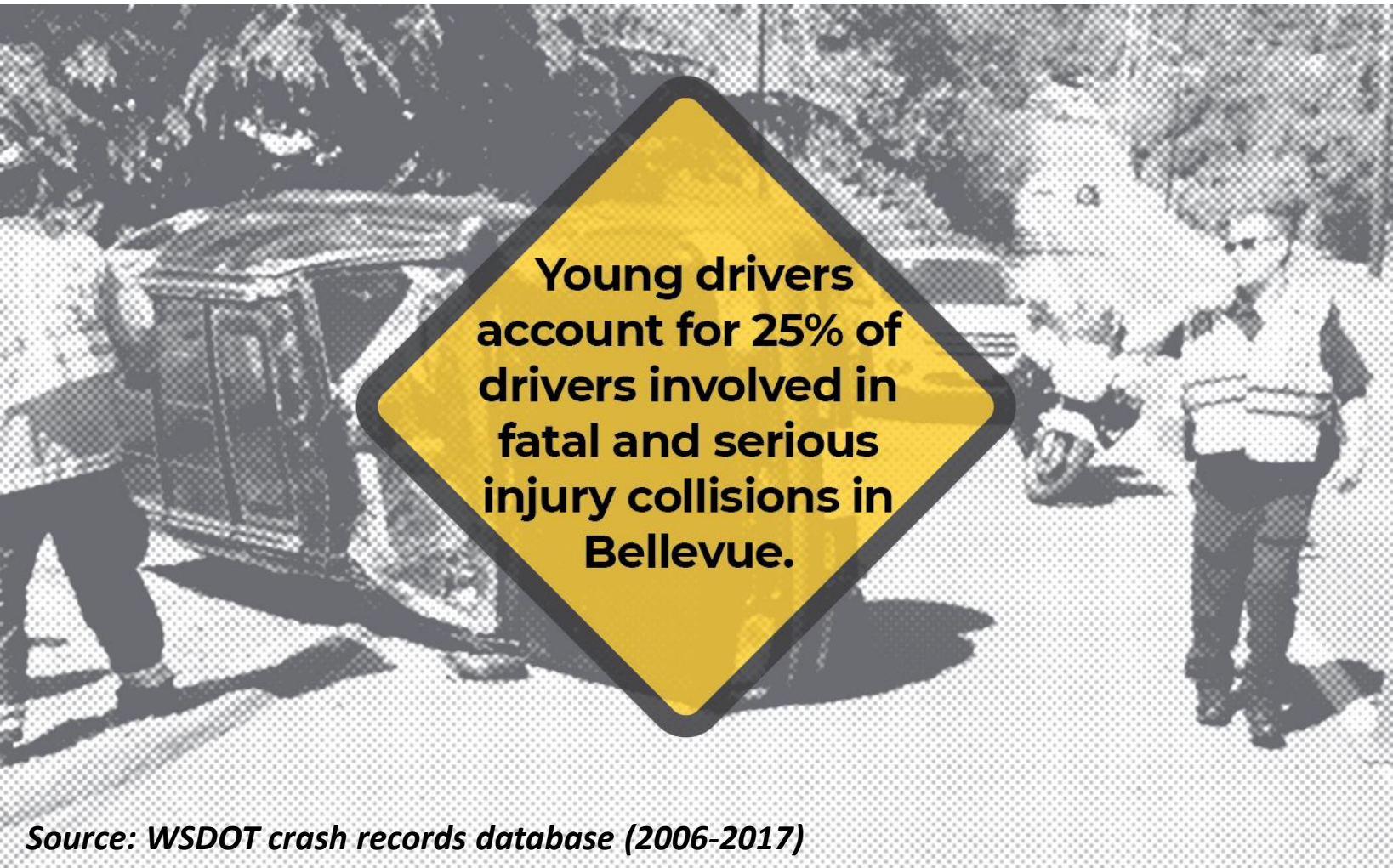
Beth Ebel, HIPRC

SAFE STREETS



Peter Eun, FHWA

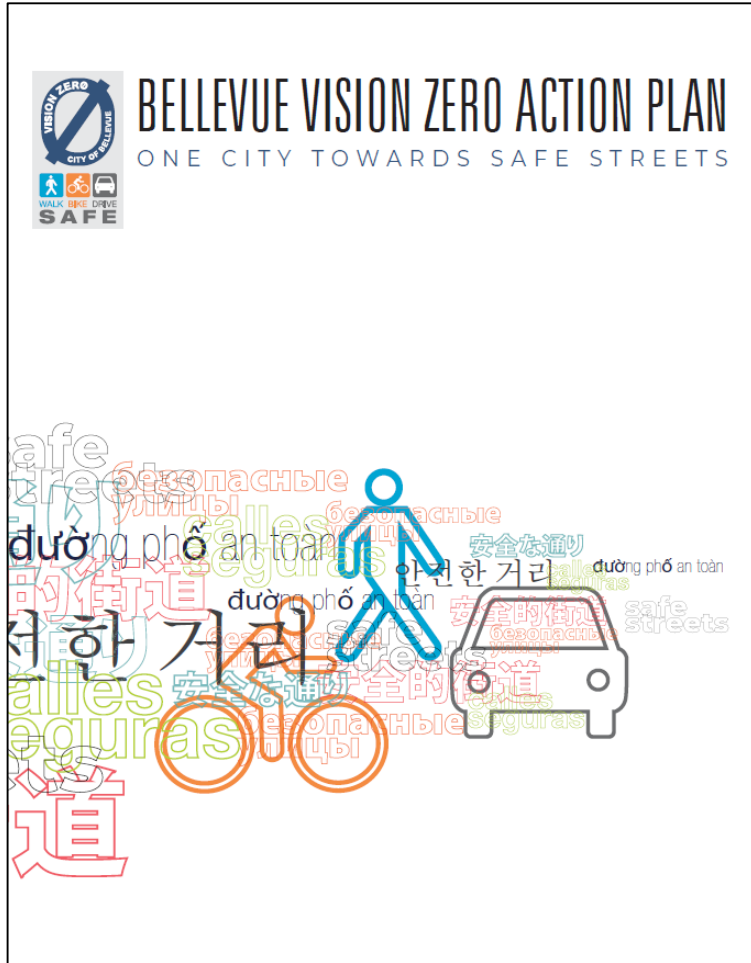
Outreach Efforts | Vision Zero Summit (Agency Partners + Staff)



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Vision Zero Overview



Any questions?