

Welcome to the Solano County Pedestrian Safety Symposium

**February 6, 2019
Willow Hall,
Fairfield Community Center
9:00am – 12:00pm**



Welcome

Rochelle Sherlock, Facilitator
Potentiate LLC

Mayor Harry Price, City of Fairfield
Solano Transportation Authority Board Chair

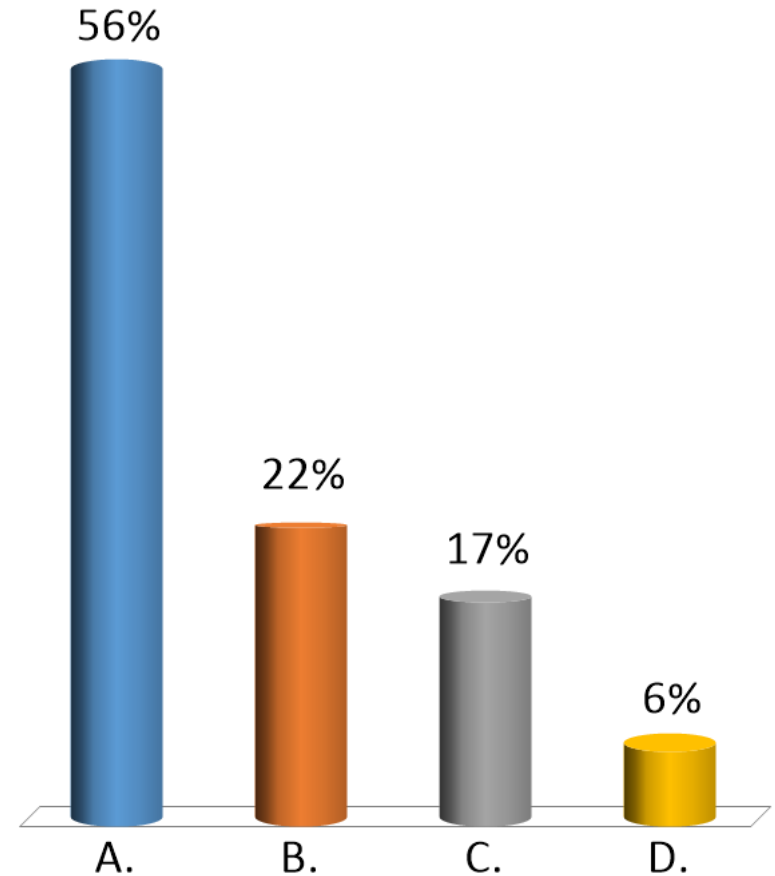
John Vasquez, County of Solano
Supervisor District 4



Solano County Pedestrian Safety Symposium

1. Before today's symposium, how concerned were you about pedestrian safety in Solano County?

- A. Very Concerned**
- B. Moderately Concerned**
- C. Somewhat Concerned**
- D. Not Concerned at all**



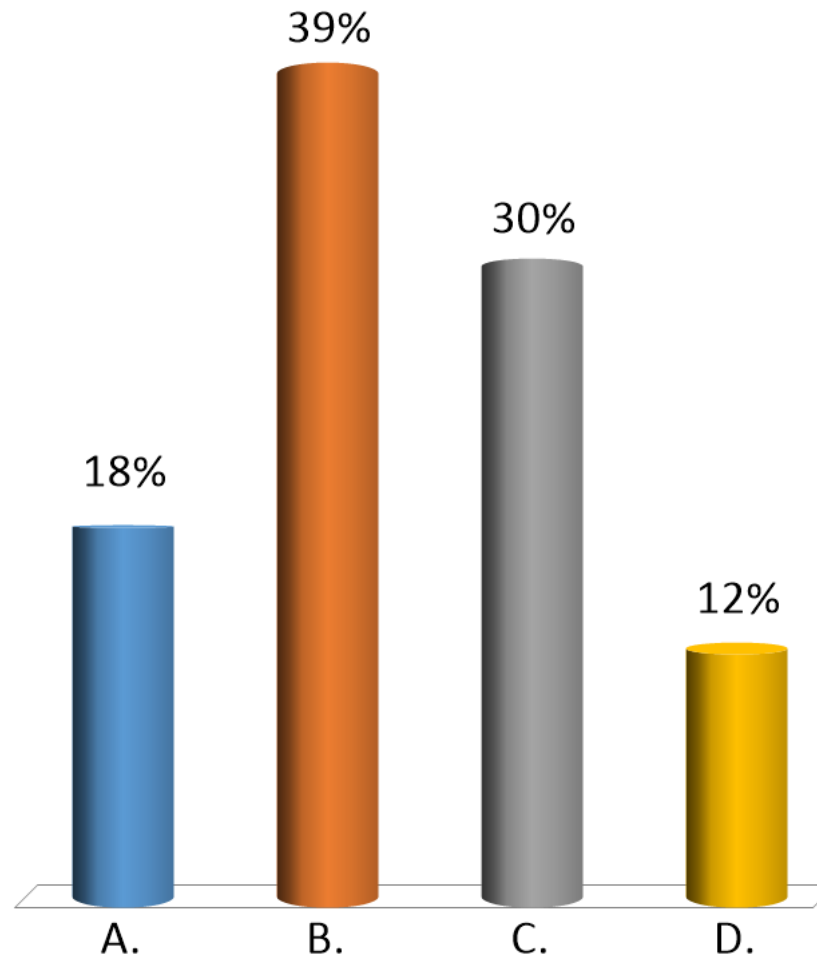
2. When did the Solano Safe Routes to School Program start?

A. 1990

B. 2004

C. 2008

D. 2010



Pedestrian Safety – Is it a Problem?

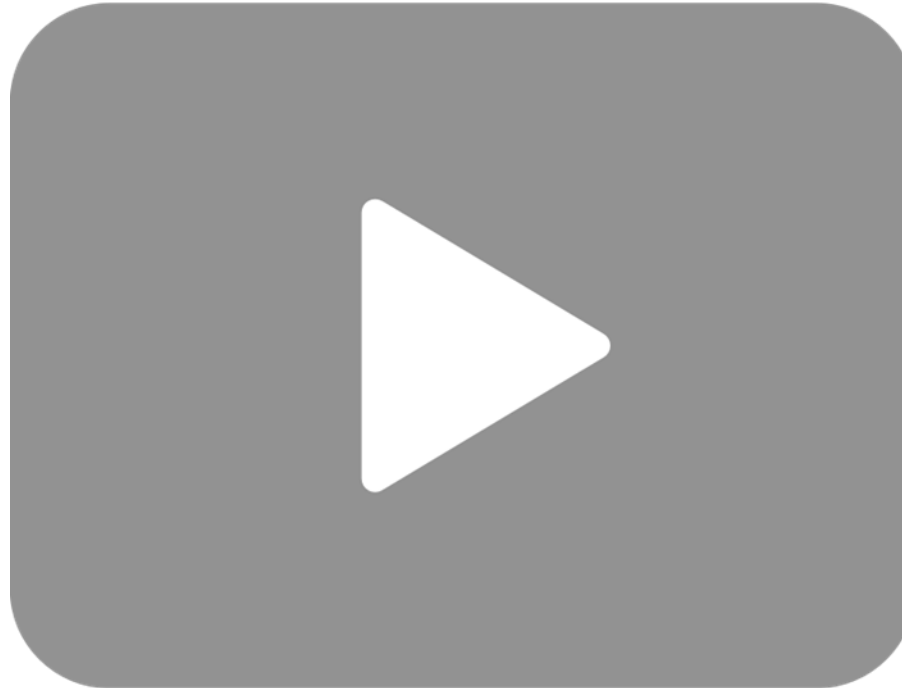
Stories from the Field



SOLANO
PUBLIC
HEALTH



Watch Forrest's Story



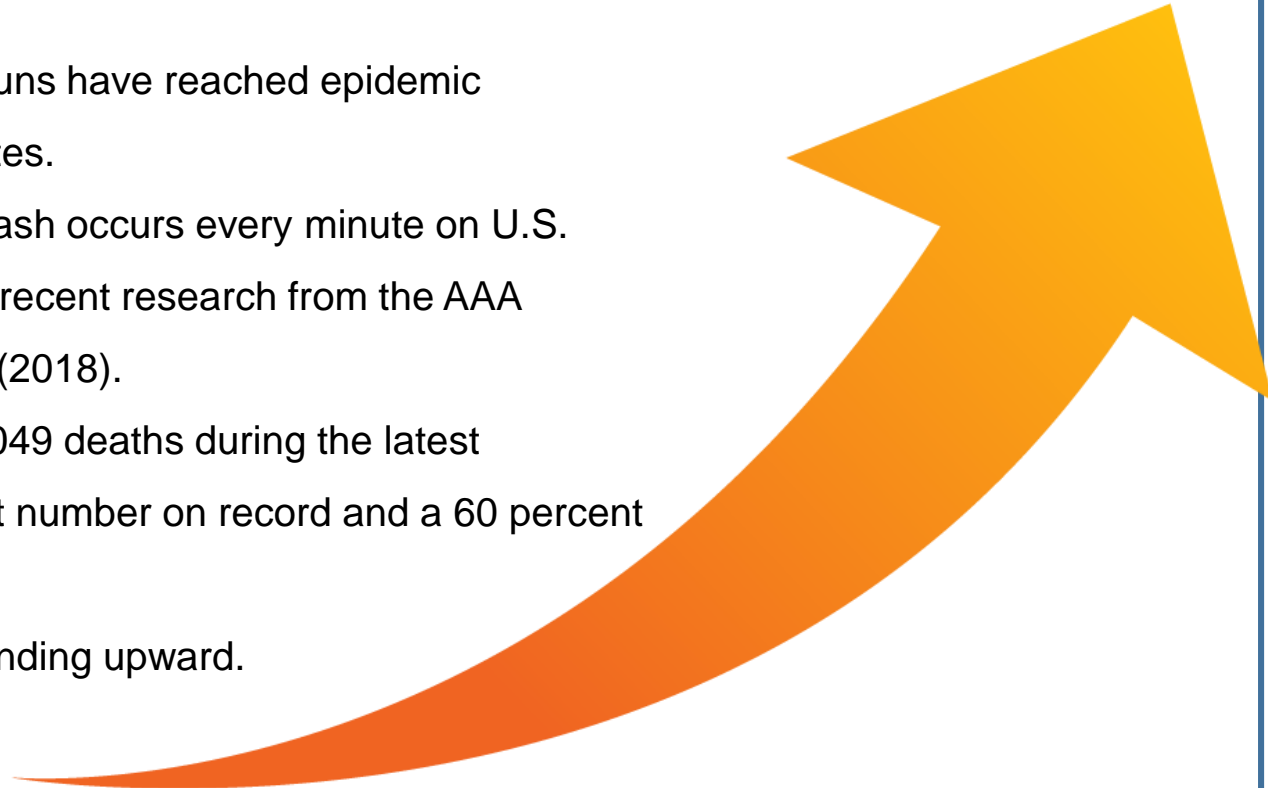
Jennifer Green
Stophard.org





The Heartbreaking Epidemic

- The number of fatal hit-and-runs have reached epidemic proportions in the United States.
- More than one hit-and-run crash occurs every minute on U.S. roads, according to the most recent research from the AAA Foundation for Traffic Safety (2018).
- These crashes resulted in 2,049 deaths during the latest reporting period – the highest number on record and a 60 percent increase since 2009.
- Sadly, these numbers are trending upward.



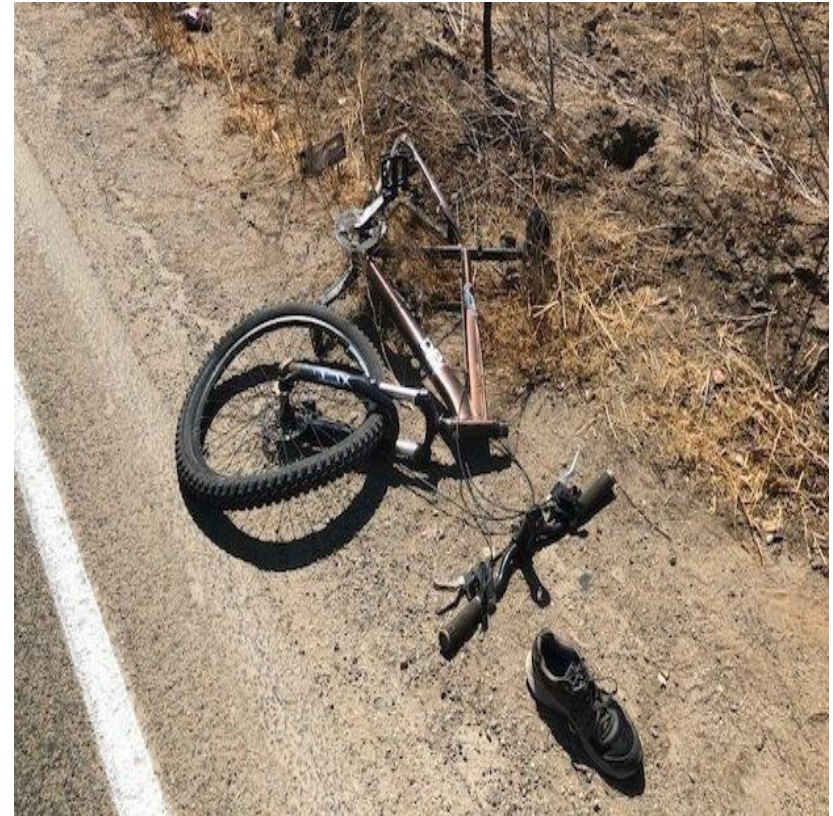
California Leads the Nation in the Number of Hit-and-Run Fatalities

- With more than 300 hit-and-run fatalities per year, California leads the nation in deadly hit-and-runs and still ranks high in terms of per capita, coming in at #7.
- Only Texas (233) and Florida (206) had more than 100 fatalities attributed to hit-and-runs



Solano County Pedestrian Safety Symposium

- The AAA report found that most victims of fatal hit-and-run crashes are pedestrians or bicyclists.
- Over the past 10 years, nearly 20 percent of all pedestrian deaths were caused by hit-and-run crashes
- Pedestrians and cyclists are obviously the most vulnerable on the road.



MY H.A.R.D. STORY









OUR MISSION

- Put and end to the heartbreaking hit-and-run epidemic
- Raise awareness about hit-and-runs
- Promote pedestrian and bicycle safety
- Support hit-and-run victims and their families
- Work to change lenient laws and sentencing for felony hit-and-runs





www.stophard.org

Facebook/JusticeforJamari

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Solano Public Health

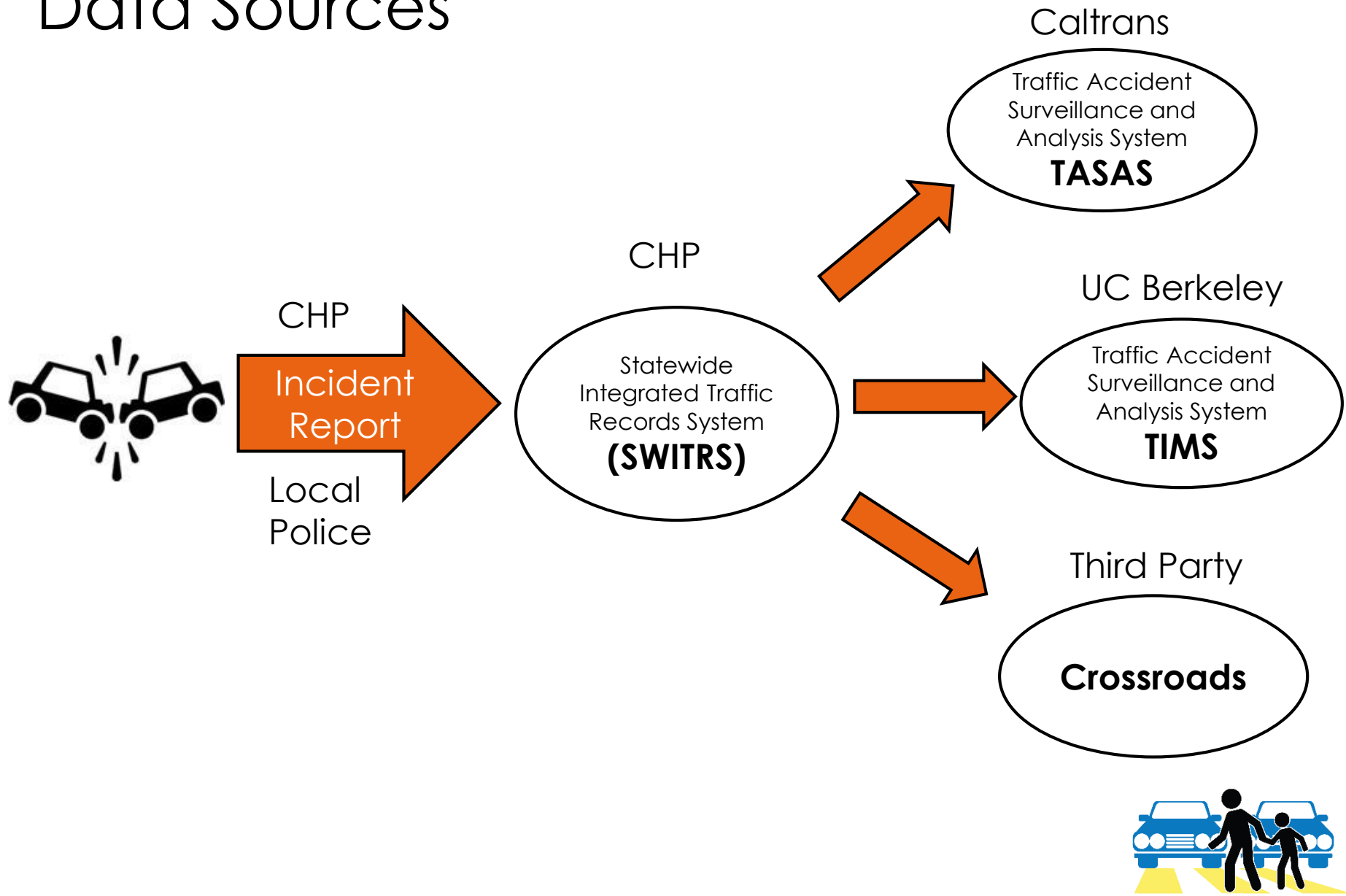


Safety Data

- Data Sources
- What is included in the data?
- What do we do with the data?
- What have we done?



Data Sources



What is included in the data?



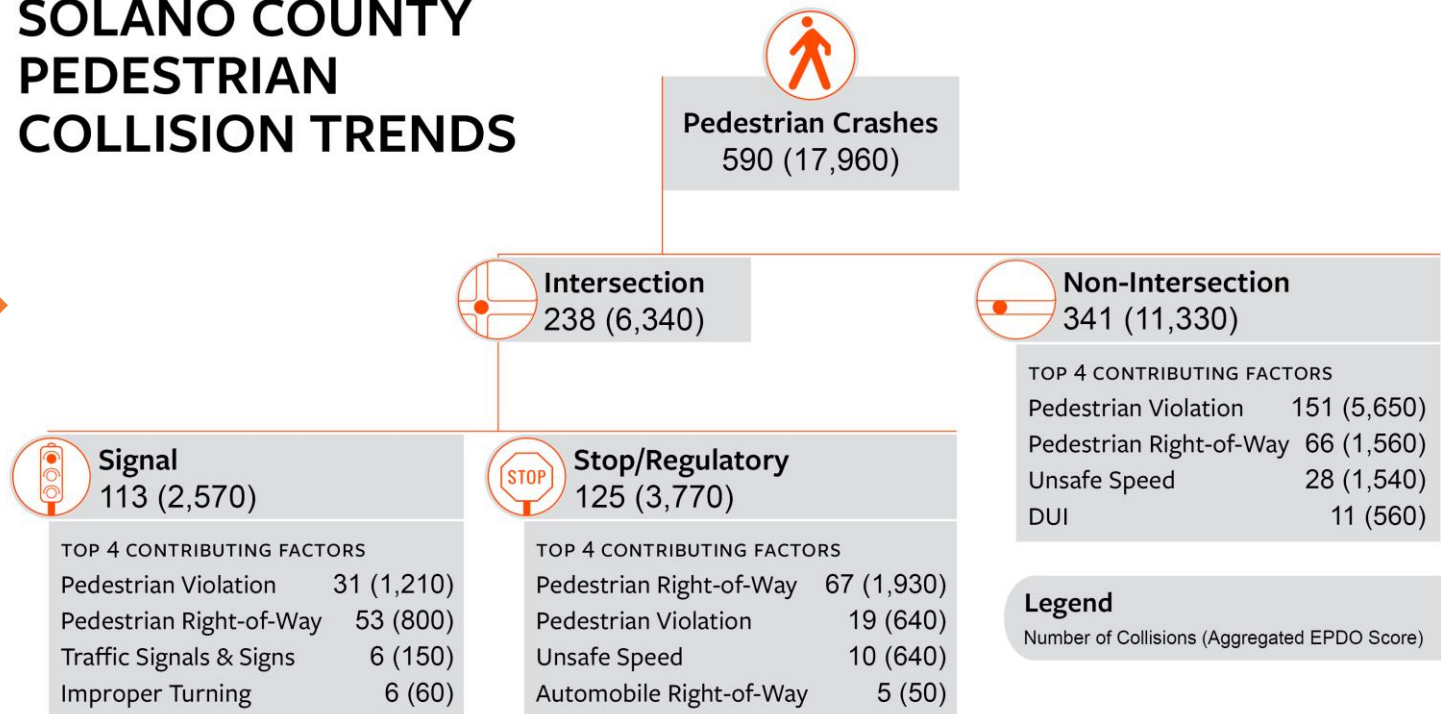
- **Date/Time**
- **Location** – Lat/Long or Roadway/Intersection
- **Conditions** – Light level, weather, road surface
- **Crash event** – vehicles involved, primary cause, type of crash, direction, severity, participants



What do we do with the data?

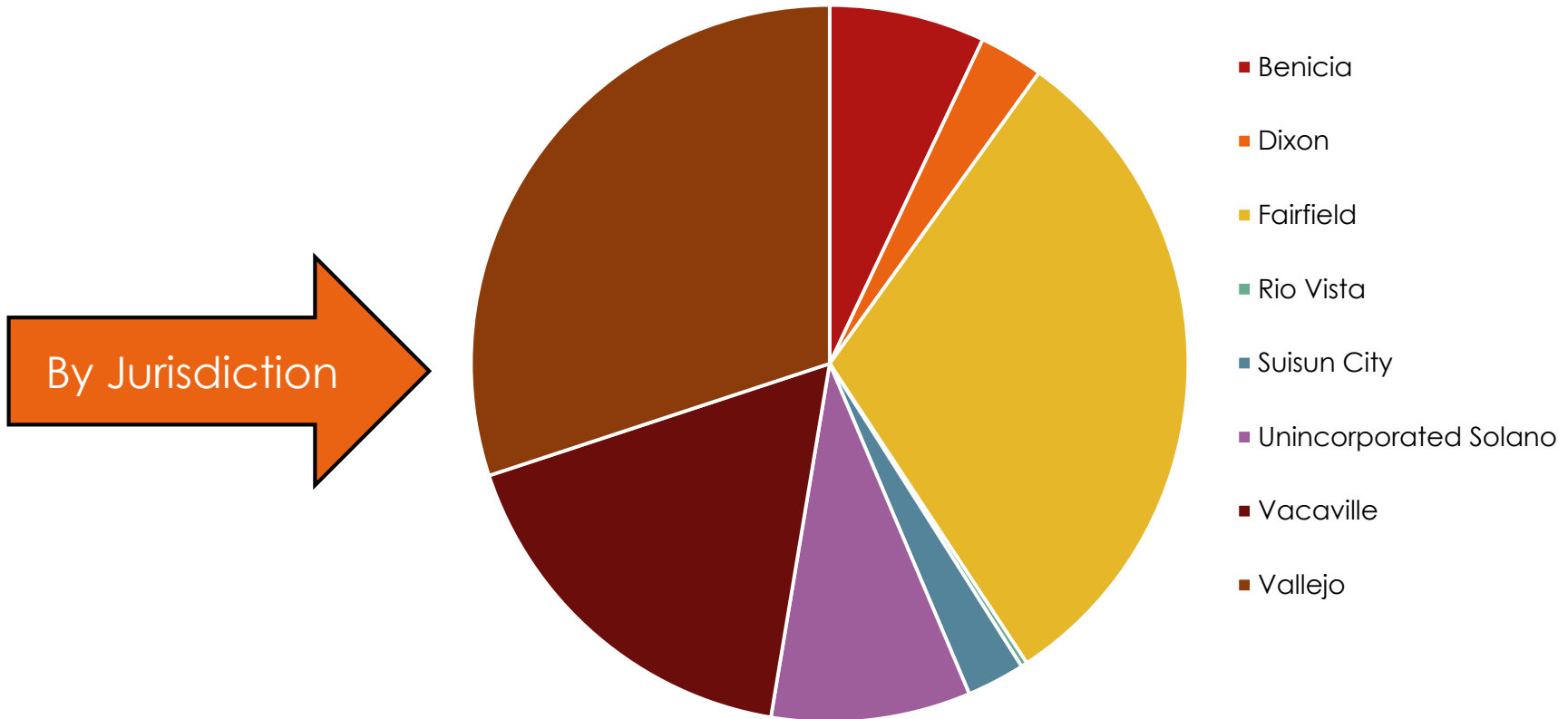
SOLANO COUNTY PEDESTRIAN COLLISION TRENDS

Crash Types
and Control



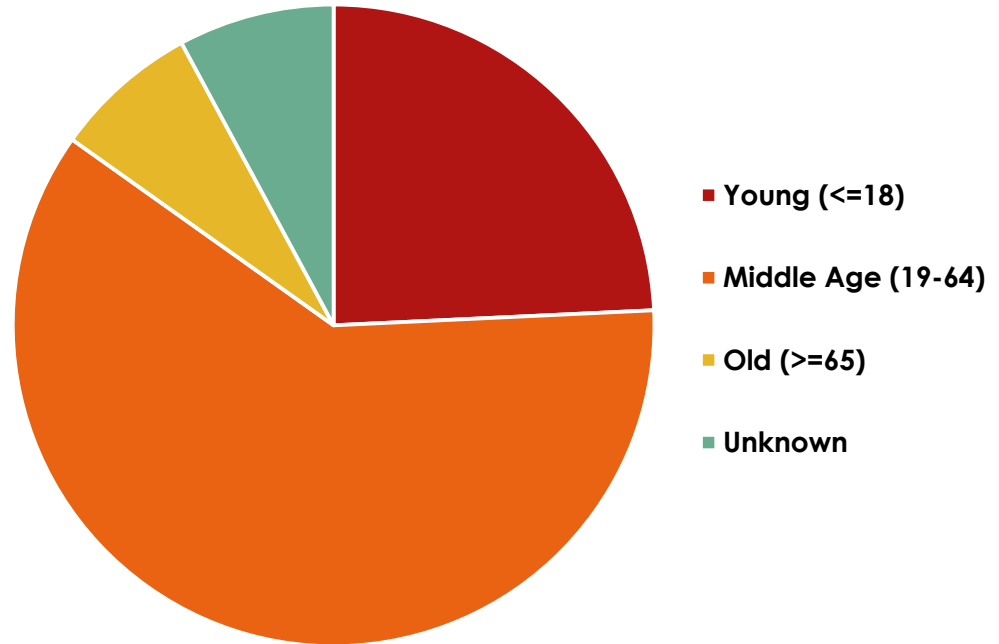
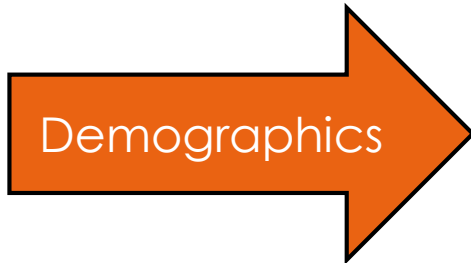
What do we do with the data?

Solano County Pedestrian Crashes by Jurisdiction



What do we do with the data?

Solano County Pedestrian Crashes by Age

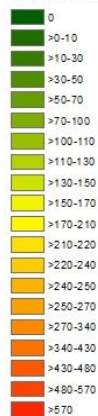


What do we do with the data?

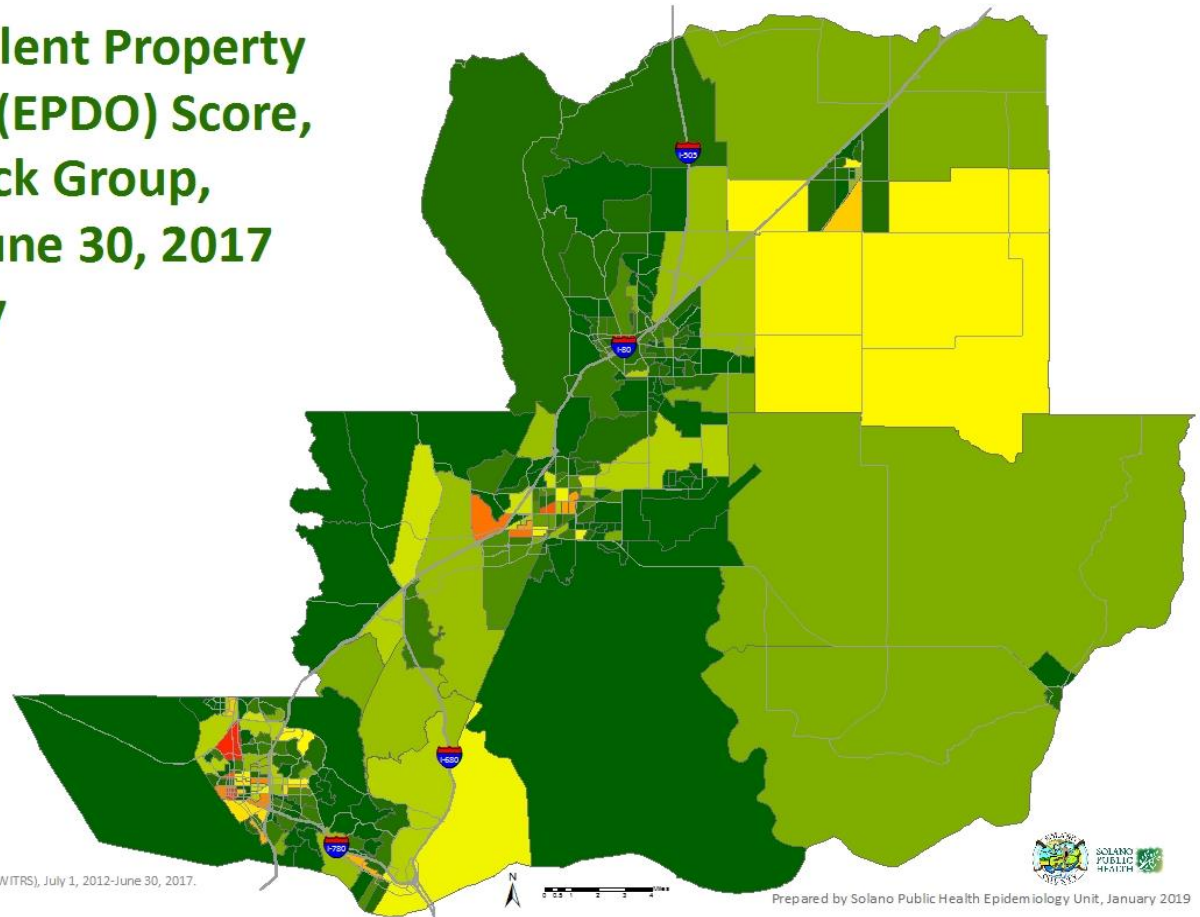
Sum of Equivalent Property Damage Only (EPDO) Score, by Census Block Group, July 1, 2012-June 30, 2017 Solano County

Locations and Heatmaps

Sum of Equivalent Property Damage Only (EPDO) Score for Block Group, July 1, 2010-June 30, 2017



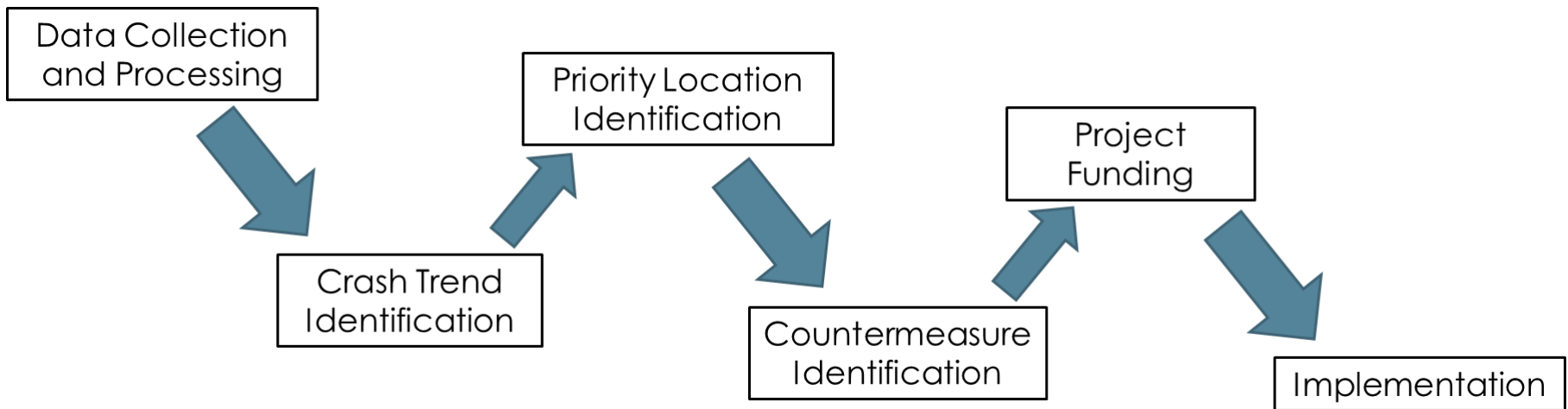
Source:
California Statewide Integrated Traffic Records System (SWITRS), July 1, 2012-June 30, 2017.



Prepared by Solano Public Health Epidemiology Unit, January 2019



What have we done?



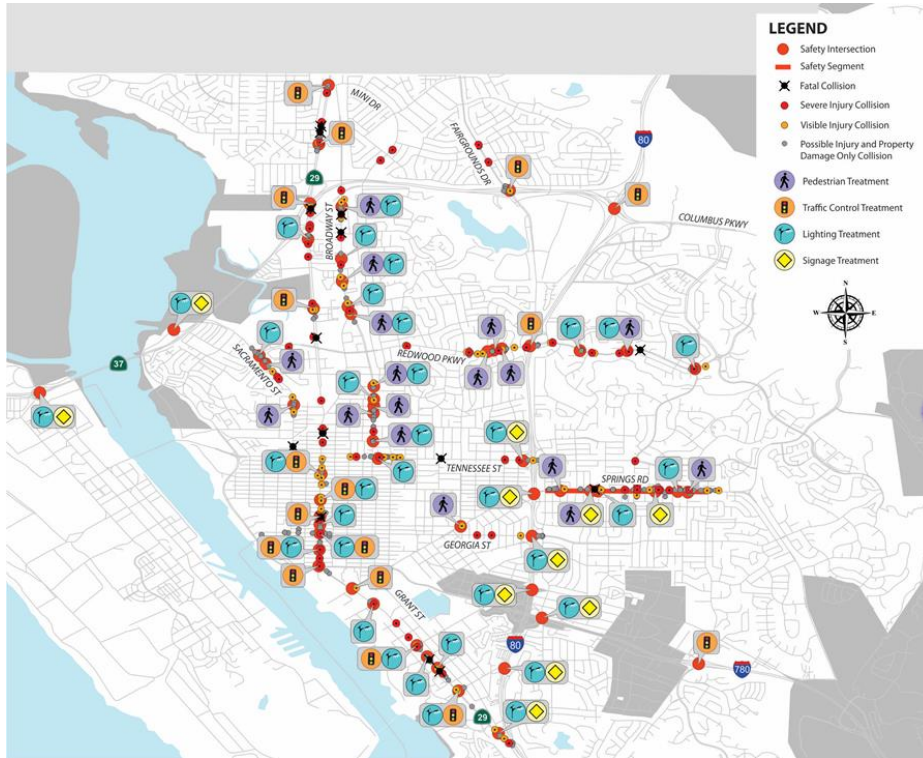
What have we done?

Safety-based Countywide Plans

- Travel Safety Plan (2018)
- Safe Routes to School (ongoing)
- Active Transportation Plan (ongoing)



What have we done?



HSIP-FUNDING QUALIFIED PROJECTS

Location	CM 1	CM 2	CM 3	Unused & Desired CM	Per Location	All Locations
Pedestrian Treatments at Unsignalized Intersections – Install HAWK						
Broadway and Hogan	NS19	-	-	NS18	\$200,000	\$2,000,000
Springs and Tregaskis				-	\$200,000	
Broadway and Illinois				NS18	\$200,000	
Broadway and Sala				NS18	\$200,000	
Springs and Heartwood				NS18	\$200,000	
Broadway and Couch				NS18	\$200,000	
Springs and Lassen/Hilton				-	\$200,000	
Broadway and Hampshire				-	\$200,000	
Broadway and Oregon				-	\$200,000	
Broadway and Delaware				-	\$200,000	
Lighting Treatments at Unsignalized Intersections						
Broadway and Hogan	NS1	-	-	-	\$8,000	\$168,000
Broadway and Sereno				-	\$8,000	
CA-29 and Georgia				-	\$8,000	
CA-29 and Florida				-	\$8,000	
CA-29 and Ryder				-	\$8,000	
CA-29 and Island Way				-	\$8,000	
CA-29 and Louisiana				-	\$8,000	
4th and Magazine				-	\$8,000	
Broadway and Couch				-	\$8,000	
Broadway and Michigan				-	\$8,000	
CA-29 and Maine				-	\$8,000	
CA-29 and Virginia				-	\$8,000	
4th and Lemon				-	\$8,000	
Broadway and Illinois				-	\$8,000	
4th and Winchester				-	\$8,000	
Redwood and Cadlioni				-	\$8,000	
Redwood and Sacramento				-	\$8,000	
Broadway and Oregon				-	\$8,000	
4th and Cherry				-	\$8,000	

\$8.8 Million in HSIP funding countywide!

Why is Public Health Here?

- Pedestrian injuries are an important public health issue in Solano County
- The goal of public health is to achieve health equity. The health and safety outcomes that most harm our communities' residents are correlated with inequities
- Pedestrian injuries are a window into addressing inequities in our community



Two Considerations

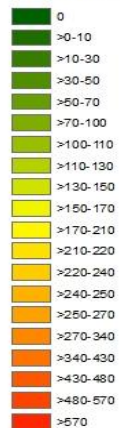
- There is a correlation between health inequities and pedestrian injuries. Data show that in the built environment, 'hot spots' for pedestrian injuries are the same places in Solano County where there are high rates of diabetes, food insecurity, racial inequities in health and safety outcomes, and income inequities
- A focus on Pedestrian Safety is an opportunity to address pedestrian injuries and health inequities. Local jurisdictions can create physical environments that help all their residents and visitors be more physically active, be safer, eat healthier foods and drink more water



Correlation with Health Outcomes

Sum of EPDO by Block Group and Zip Code Borders, Solano County, CA

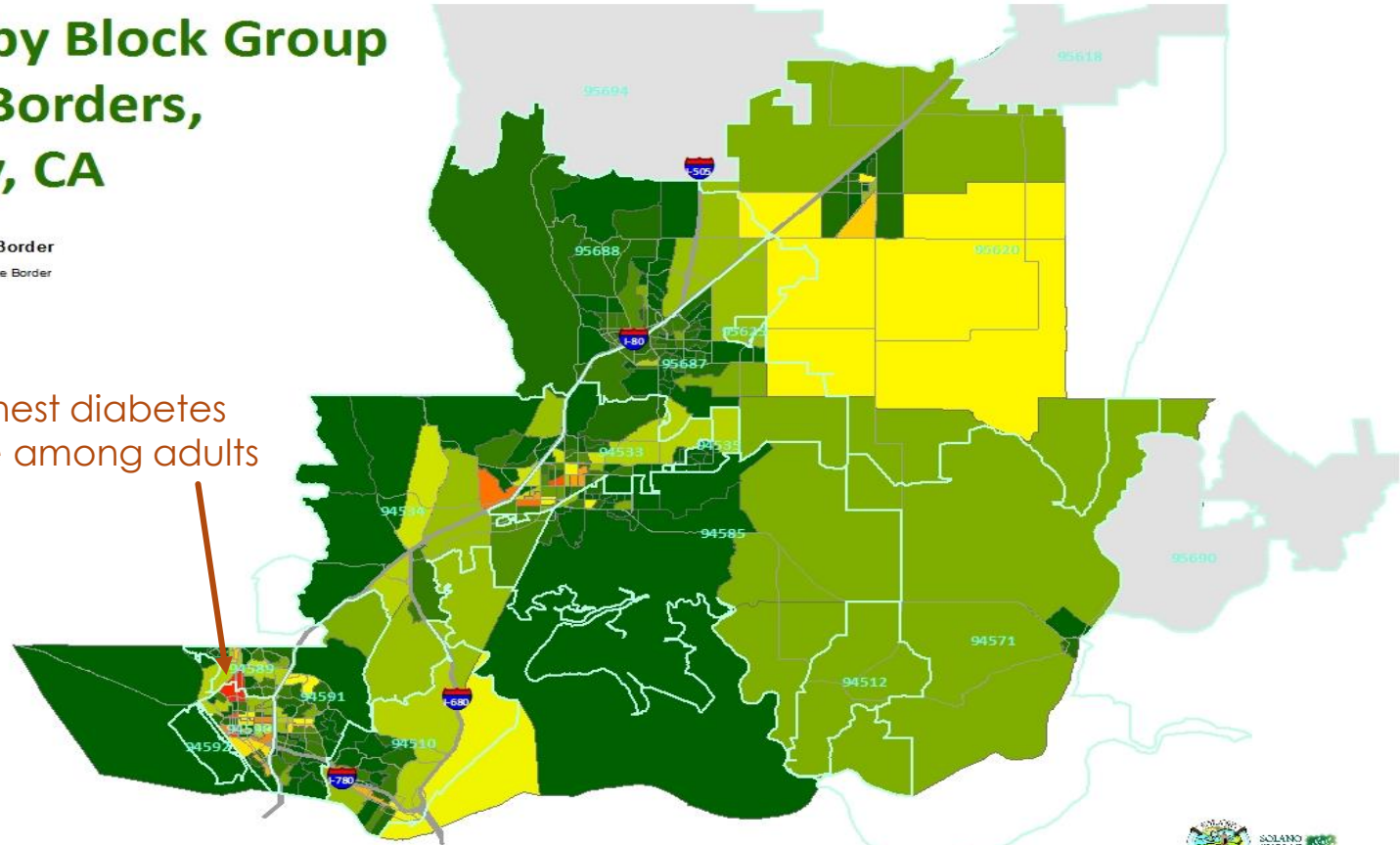
Sum of Equivalent Property Damage Only (EPDO) Score for Block Group, July 1, 2012-June 30, 2017



Zip Code Border

Zip Code Border

Highest diabetes rate among adults



Sources:
Pedestrian Injury: CA Statewide Integrated Traffic Records System (SWITRS), July 1, 2012-June 30, 2017.



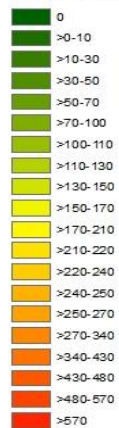
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Correlation with Health Outcomes

Sum of EPDO by Block Group and Zip Code Borders, Solano County, CA

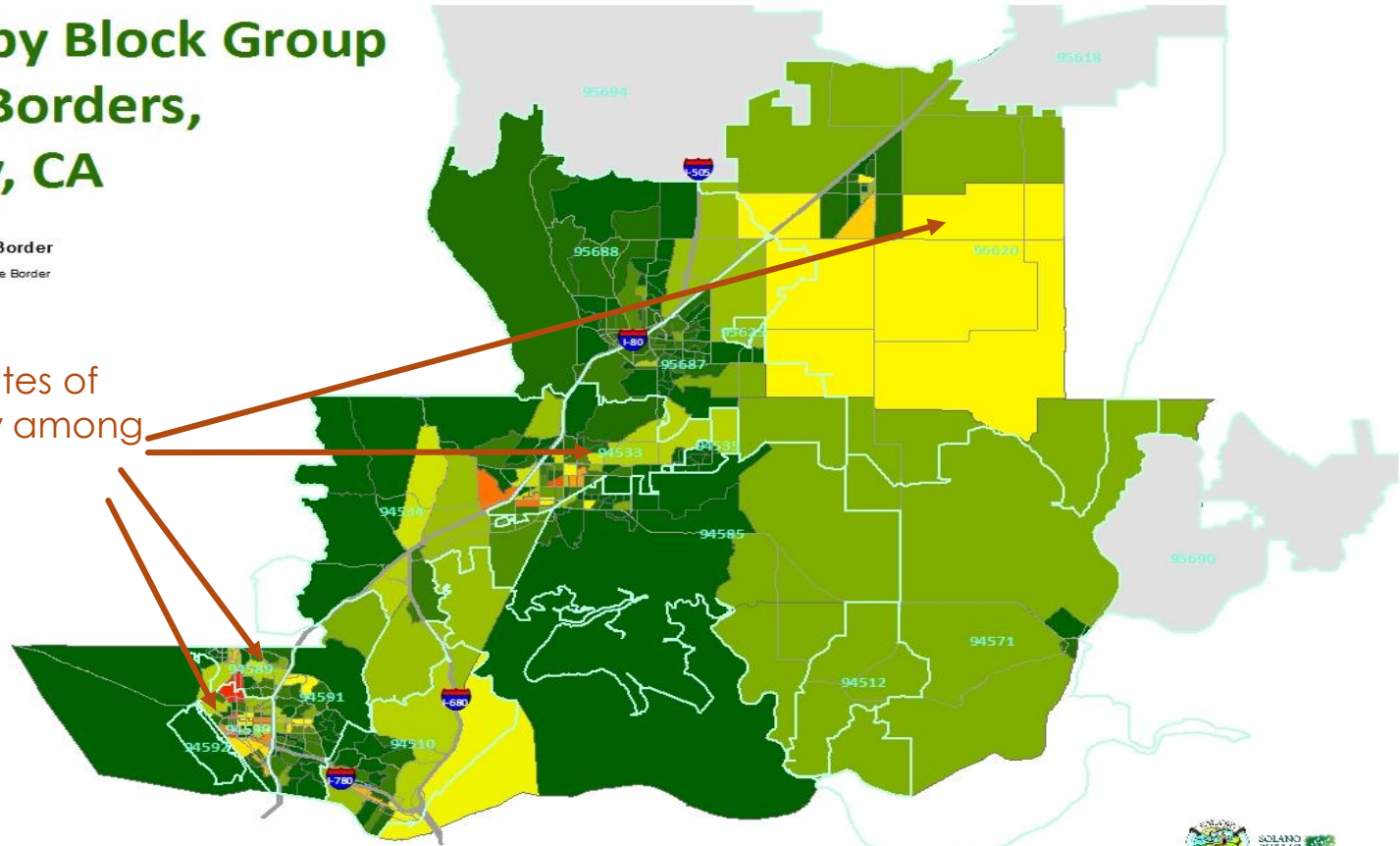
Sum of Equivalent Property Damage Only (EPDO) Score for Block Group, July 1, 2012-June 30, 2017



Zip Code Border

Zip Code Border

High rates of obesity among adults



Sources:
Pedestrian Injury: CA Statewide Integrated Traffic Records System (SWITRS), July 1, 2012-June 30, 2017.



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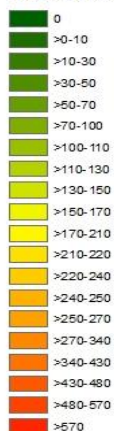


Correlation with Health Outcomes

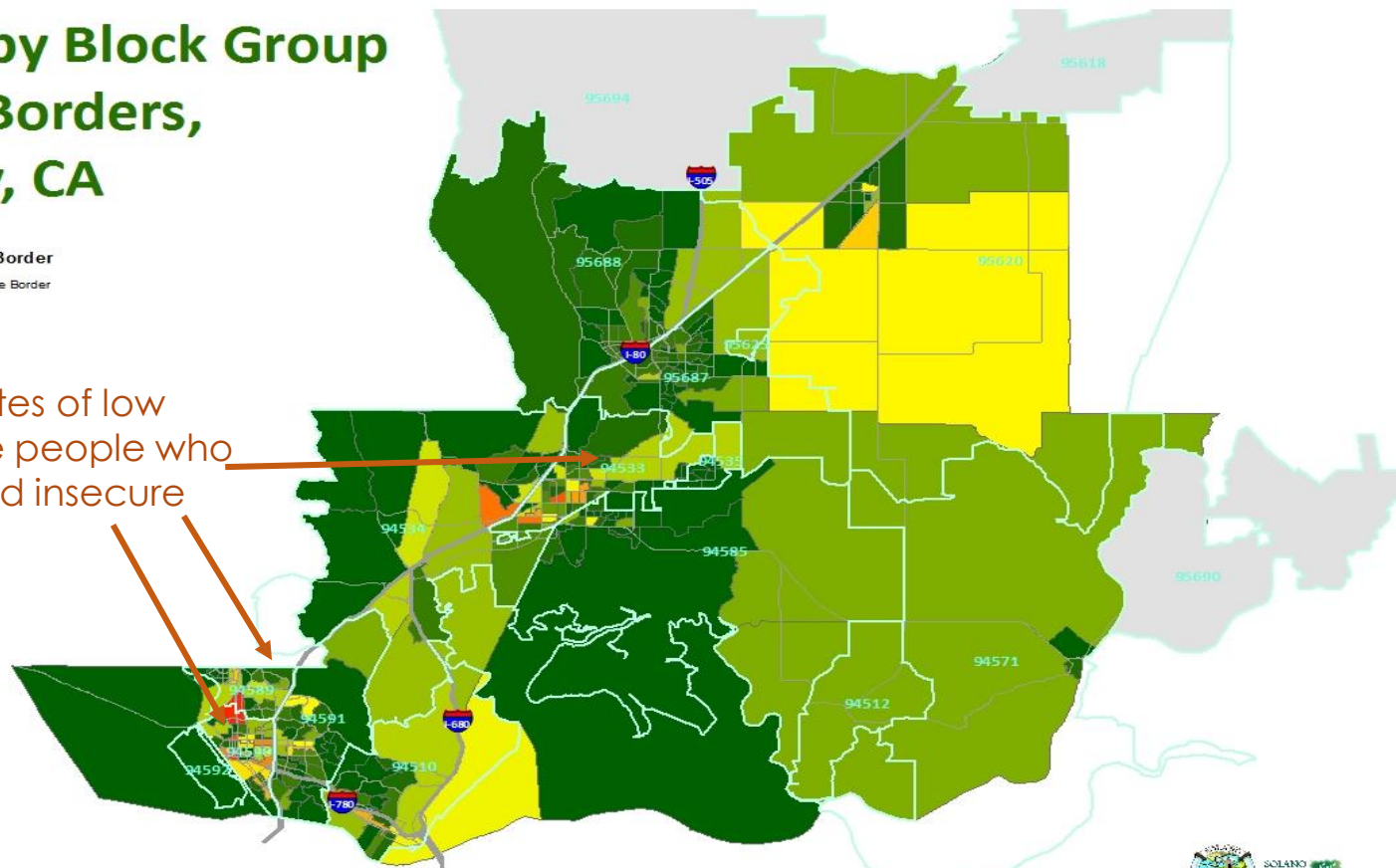
Sum of EPDO by Block Group and Zip Code Borders, Solano County, CA

Sum of Equivalent Property Damage Only (EPDO) Score for Block Group, July 1, 2012-June 30, 2017

Zip Code Border
Zip Code Border



High rates of low income people who are food insecure



Sources
Pedestrian Injury: CA Statewide Integrated Traffic Records System (SWITRS), July 1, 2012-June 30, 2017.



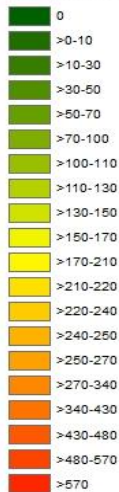
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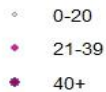
Correlation with Income Inequities

Pedestrian Injury and Percentage Individuals Living Below Poverty Level, by Census Block Group, Solano County

Sum of Equivalent Property Damage Only (EPDO) Score for Block Group, July 1, 2012-June 30, 2017

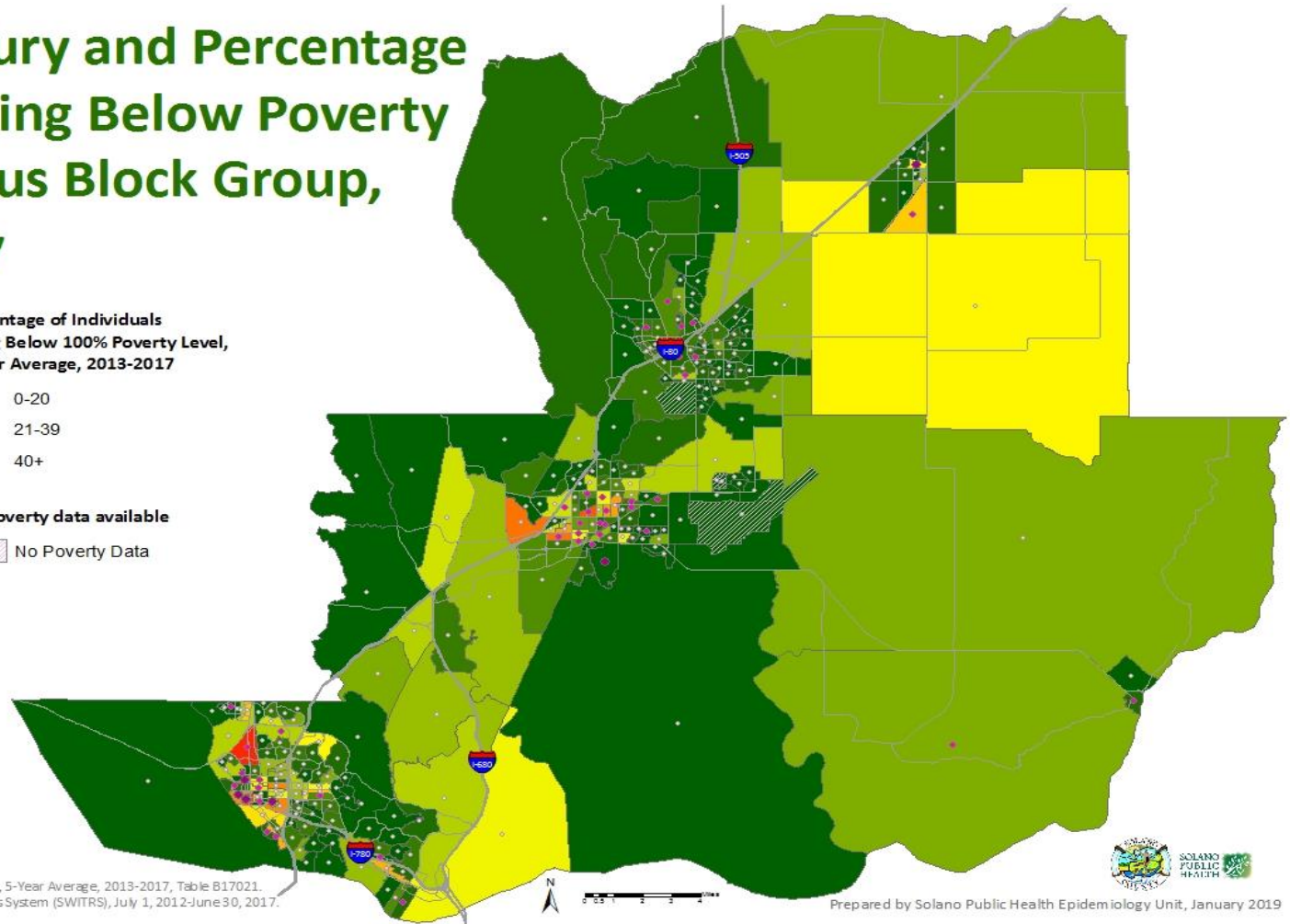


Percentage of Individuals Living Below 100% Poverty Level, 5-Year Average, 2013-2017



No poverty data available

No Poverty Data



Sources

Poverty: US Census Bureau, American Community Survey, 5-Year Average, 2013-2017, Table B17021.
Pedestrian Injury: CA Statewide Integrated Traffic Records System (SWITRS), July 1, 2012-June 30, 2017.



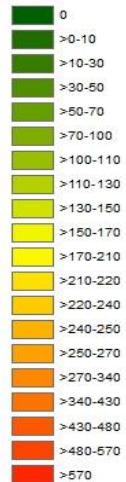
Prepared by Solano Public Health Epidemiology Unit, January 2019



Correlation with Race and Ethnicity

Pedestrian Injury and Percent People of Color, by Census Block Group, Solano County

Sum of Equivalent Property Damage Only (EPDO) Score for Block Group, July 1, 2012-June 30, 2017

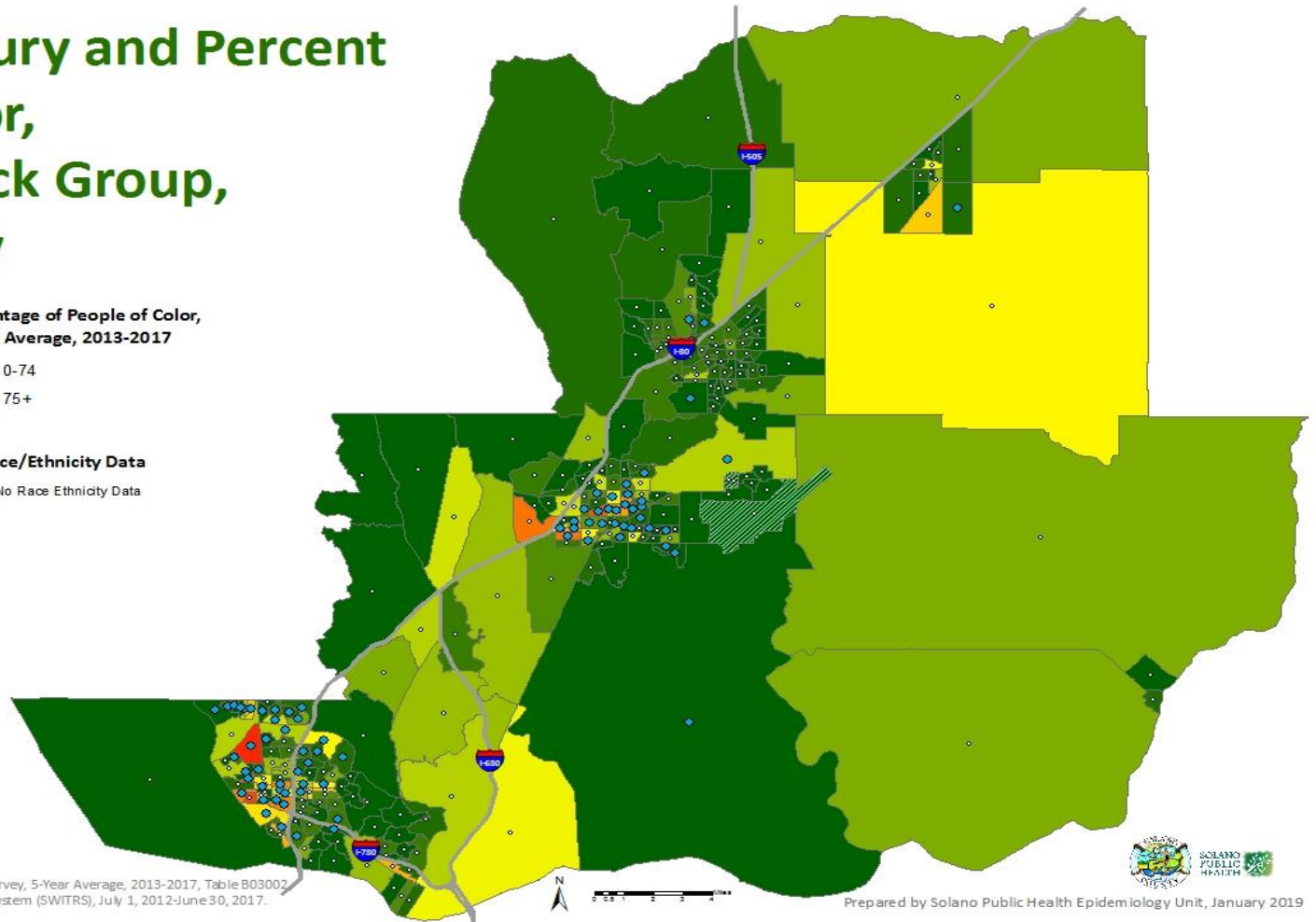


Percentage of People of Color, 5-Year Average, 2013-2017



No Race/Ethnicity Data

No Race Ethnicity Data



Sources

Race/Ethnicity: US Census Bureau, American Community Survey, 5-Year Average, 2013-2017, Table B03002
Pedestrian Injury: CA Statewide Integrated Traffic Records System (SWITRS), July 1, 2012-June 30, 2017.



Prepared by Solano Public Health Epidemiology Unit, January 2019



A Public Health Lens

- Rather than viewing pedestrian injuries as a jurisdictional responsibility to prevent liability, we can collaborate to **prioritize pedestrian safety** as an integral part of a vibrant, healthy, equitable community
- Public Health can help leverage other initiatives and data in addressing pedestrian safety, such as:
 - Hospital and Public Health Community Needs Assessments
 - Solano Moves – a coalition to increase physical activity in Solano County
 - Various partnerships to increase healthy food access throughout the County
- The residents of your city need us all to collaborate for their health and safety; none of us can do it alone!



What can we do together?

- Build on the multi-sector partnerships of **Safe Routes to School**
- Coordinate messaging to the public about the health and safety of environmental improvements
- Communicate anecdotal and data-driven information to one another to identify 'hot spots' and inequities to pay attention to
- Help each other to consider safety, health and equity in our decision making and priority setting
- Other ideas?

BROADER PARTNERSHIPS LEAD TO BROADER SOLUTIONS



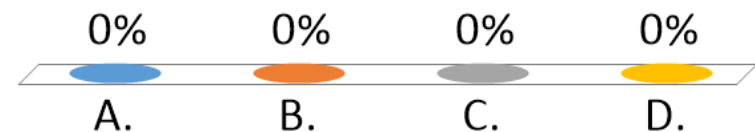
How can we identify solutions?

- Data-Driven:
 - Environmental
 - Roadway Characteristics
 - Behavioral
- Staff- and Stakeholder-Driven:
 - STA
 - Public Health
 - School Districts
- Community-Driven:
 - Workshops, townhalls, focus groups

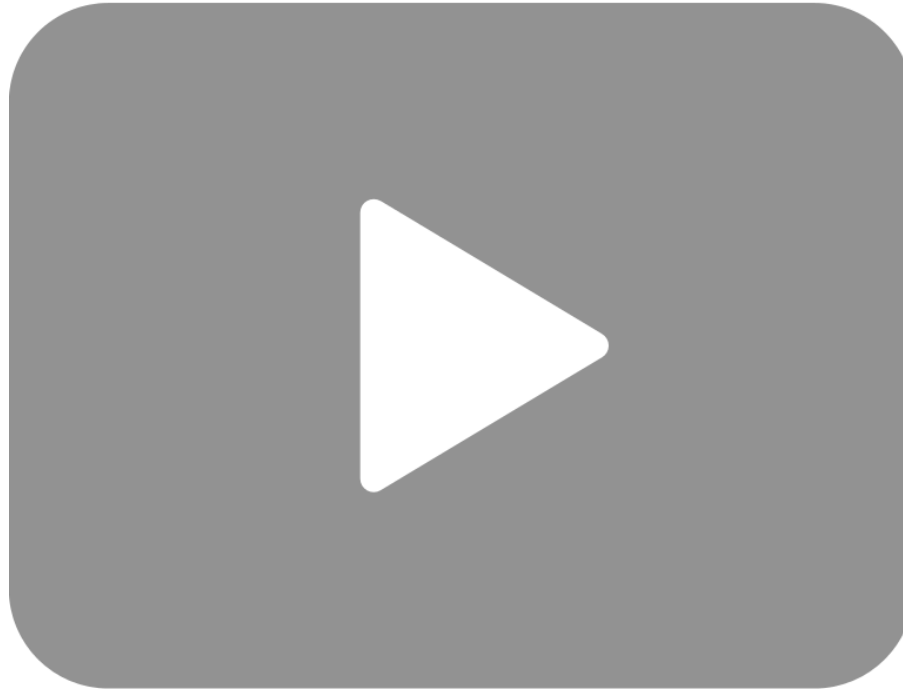


3. After hearing the data presentation from our two presenters, how concerned are you about pedestrian safety in Solano County?

- A. Very Concerned**
- B. Moderately Concerned**
- C. Somewhat Concerned**
- D. Not Concerned at all**



How Kern Co. is addressing Pedestrian Safety



Roundtable Discussion and Feedback

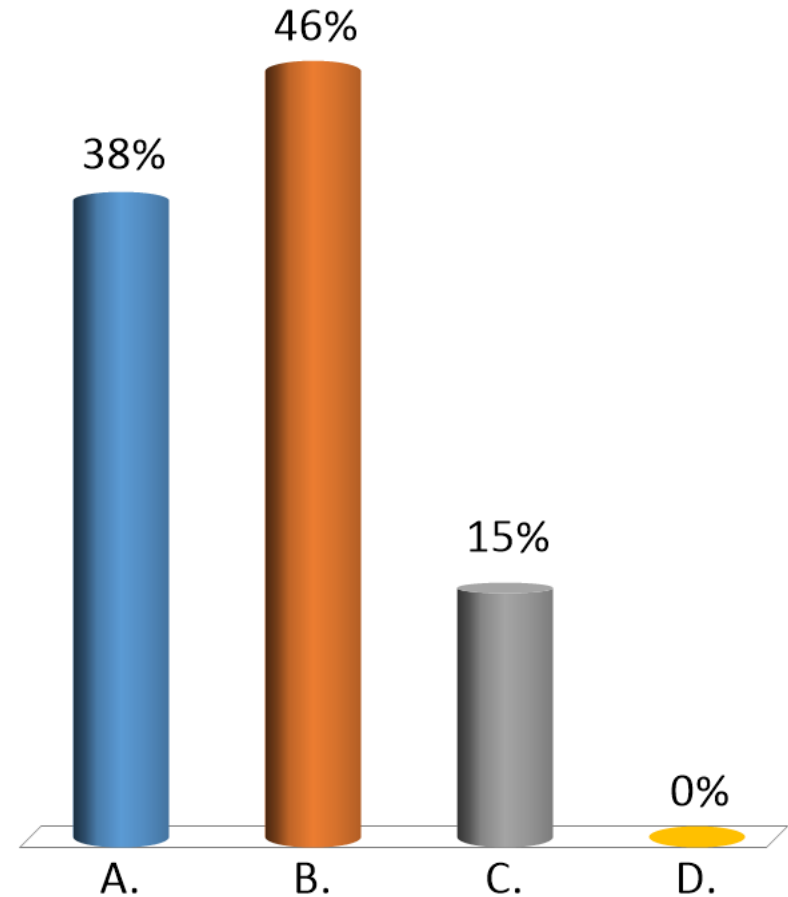
1. What are your thoughts, feelings, and reactions to the information you've received this morning?
2. What is being done to address pedestrian safety in Solano County?
3. What can we do collectively, to improve pedestrian safety countywide?



Solano County Pedestrian Safety Symposium

4. After discussing in your small groups, what should we prioritize as a next step?

- A. **Form a Countywide Committee focused on pedestrian safety and built environment improvements**
- B. **Work to develop a Countywide Campaign that combines education and alerts the public of upcoming safety projects**
- C. **Host Education/Awareness events in September for California Pedestrian Safety Month**
- D. **Create a Solano County Safety Day**



Next Steps – STA Plans to

1. Gather this information and make it available to those that couldn't be here. The information will be available on our website
2. Take this information to our Active Transportation Program (ATP) Committee, Pedestrian Advisory Committee (PAC) and SR2S Advisory Committee which report to the STA Board
3. Connect to our upcoming Active Transportation Plan to make sure these issues are being addressed



Thank you to our partners

