

Pedestrian Safety and Draft 2021 Regional Active Transportation Plan

County of San Luis Obispo Health Commission

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Programming & Project Delivery

6/14/2021

Pedestrian Safety in San Luis Obispo County.



Tag: Pedestrian collisions



Pedestrian struck and killed on Highway 101 in SLO

October 15, 2020

A vehicle struck and killed a 55-year-old Los Osos man who was running on Highway 101 in San Luis Obispo early Thursday morning. [KSBY] The man was running across the southbound [Read More ...](#)



Pedestrian airlifted after being hit by car in Santa Maria



SLO man identified as pedestrian killed on Tank Farm Road

February 13, 2020

The San Luis Obispo Police Department has identified the man who was struck and killed while walking on Tank Farm Road Tuesday night as SLO resident Michael Hamlin, 52. [Read More ...](#)



February 28, 2020

In an incident suspected to be a suicide, a 50-year-old man died after being struck by a car on Los Osos Valley Road in San Luis Obispo Thursday night. [Read More ...](#)



SLO man identified as pedestrian killed on Tank Farm Road

February 13, 2020

The San Luis Obispo Police Department has identified the man who was struck and killed while walking on Tank Farm Road Tuesday night as SLO resident Michael Hamlin, 52. [Read More ...](#)



Elderly driver hits and kills pedestrian in SLO

February 12, 2020

An elderly driver struck and killed a 52-year-old man walking on Tank Farm Road in San Luis Obispo Tuesday night. [Read More ...](#)



Hit-and-run driver kills two pedestrians in Goleta

February 10, 2020

Santa Barbara County Sheriff's deputies arrested a man on Sunday night who allegedly struck and killed two pedestrians while driving intoxicated in Goleta. Following the crash, the suspect fled the scene. [Read More ...](#)



Camera captures hit-and-run driver slamming into pedestrians at Cal Poly

January 29, 2020

A driver slammed into two pedestrians on the Cal Poly campus and then left the scene without stopping, surveillance footage shows. [Read More ...](#)



Vehicle hits two teenage pedestrians in Grover Beach

December 19, 2019

A vehicle struck and injured two teenage pedestrians in Grover Beach Wednesday evening. [Read More ...](#)



Car hits pedestrian in front of Arroyo Grande fire station

December 6, 2019

By JOSH FRIEDMAN A vehicle struck and apparently seriously injured a pedestrian in front of the Five Cities Fire Authority headquarters in Arroyo Grande Friday morning. At about 9 a.m., the [Read More ...](#)

← Older posts

Tag: Pedestrian collisions



Pedestrian suffers major injuries after being struck by SUV in SLO

December 4, 2019

An SUV struck and seriously injured a woman who was crossing a street in San Luis Obispo early Wednesday morning. [Read More ...](#)



Car hits two-year-old in Santa Maria, child airlifted to hospital

November 17, 2019

A car struck and injured a father and his two-year-old daughter as they were crossing a street in Santa Barbara on Sunday afternoon. [Read More ...](#)



SLO man struck and killed while walking on Northern California highway

October 4, 2019

A San Luis Obispo man died early Tuesday morning after walking across a highway in the Northern California city of Roseville and being struck by two vehicles. [Read More ...](#)



Eight-year-old pedestrian hit by car in Santa Maria

September 30, 2019

An eight-year-old boy is in serious condition after being struck by a vehicle on the 300 block of E. Betteravia Road in Santa Maria Sunday evening, according to the city's fire department. [Read More ...](#)



Man missing from group home struck while walking on Highway 101

October 4, 2019

A man missing from a group home was struck and killed while walking on Highway 101 near Santa Margarita early Saturday morning. [Read More ...](#)



Man killed while walking on Highway 101 in Paso Robles, driver flees

October 11, 2018

A driver fled the scene after striking and killing a 22-year-old homeless man who was walking on Highway 101 in Paso Robles early Thursday morning. [Read More ...](#)



Driver hits and kills 90-year-old pedestrian in Santa Barbara

February 25, 2018

A 90-year-old man was struck by a car while crossing the street in downtown Santa Barbara Saturday evening. He died Sunday morning. [KCOY] Shortly before 7 p.m., Gilbert William Ramirez, of [Read More ...](#)



Driver hits and kills 69-year-old man in Paso Robles

January 27, 2018

A driver struck a man who was wearing dark clothes and walking in the middle of the street in Paso Robles Wednesday evening leaving the man with major injuries. [Read More ...](#)



Two pedestrians hit by a car in Santa Maria

February 28, 2019

In a span of about 30 minutes Wednesday evening, two pedestrians were struck by a vehicle in Santa Maria. [Read More ...](#)



Eighty-five-year-old pedestrian hit and killed in Santa Maria

December 27, 2018

A driver struck an 85-year-old pedestrian who was walking on a Santa Maria street Wednesday evening, and the elderly man ended up dying as a result of the collision. [Read More ...](#)



Grover Beach man hit and killed on Highway 101 near SLO

November 13, 2017

A 56-year-old Grover Beach man who was walking on Highway 101 near San Luis Obispo was struck and killed by a car early Monday morning. Shortly before 4:30 a.m., a 41-year-old driver from Castroville called 911, saying he had hit a pedestrian [Read More ...](#)

← Older posts

Newer posts →

Tag: Pedestrian collisions



Man lying in roadway struck and killed near Santa Margarita

December 17, 2018

An Atascadero man who was lying in the middle of a roadway near Santa Margarita early Saturday morning was struck and killed by drivers going in both directions. [Read More ...](#)



Pedestrian walking in middle of the road gets hit by car in Paso Robles

December 6, 2018

A vehicle struck a man who was wearing dark clothes and walking in the middle of the street in Paso Robles Wednesday evening leaving the man with major injuries. [Read More ...](#)



Driver hits and kills 90-year-old pedestrian in Santa Barbara

February 25, 2018

A 90-year-old man was struck by a car while crossing the street in downtown Santa Barbara Saturday evening. He died Sunday morning. [KCOY] Shortly before 7 p.m., Gilbert William Ramirez, of [Read More ...](#)

Driver hits and kills 69-year-old man in Paso Robles

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A driver struck a man who was wearing dark clothes and walking in the middle of the street in Paso Robles Wednesday evening leaving the man with major injuries. [Read More ...](#)

Highlighted article: Pedestrian walking in middle of the road gets hit by car in Paso Robles. December 6, 2018. A vehicle struck a man who was wearing dark clothes and walking in the middle of the street in Paso Robles Wednesday evening leaving the man with major injuries. [Read More ...](#)

Percentage increase in number of fatalities (2010-2019)



45%
40%
35%
30%
25%
20%
15%
10%
5%

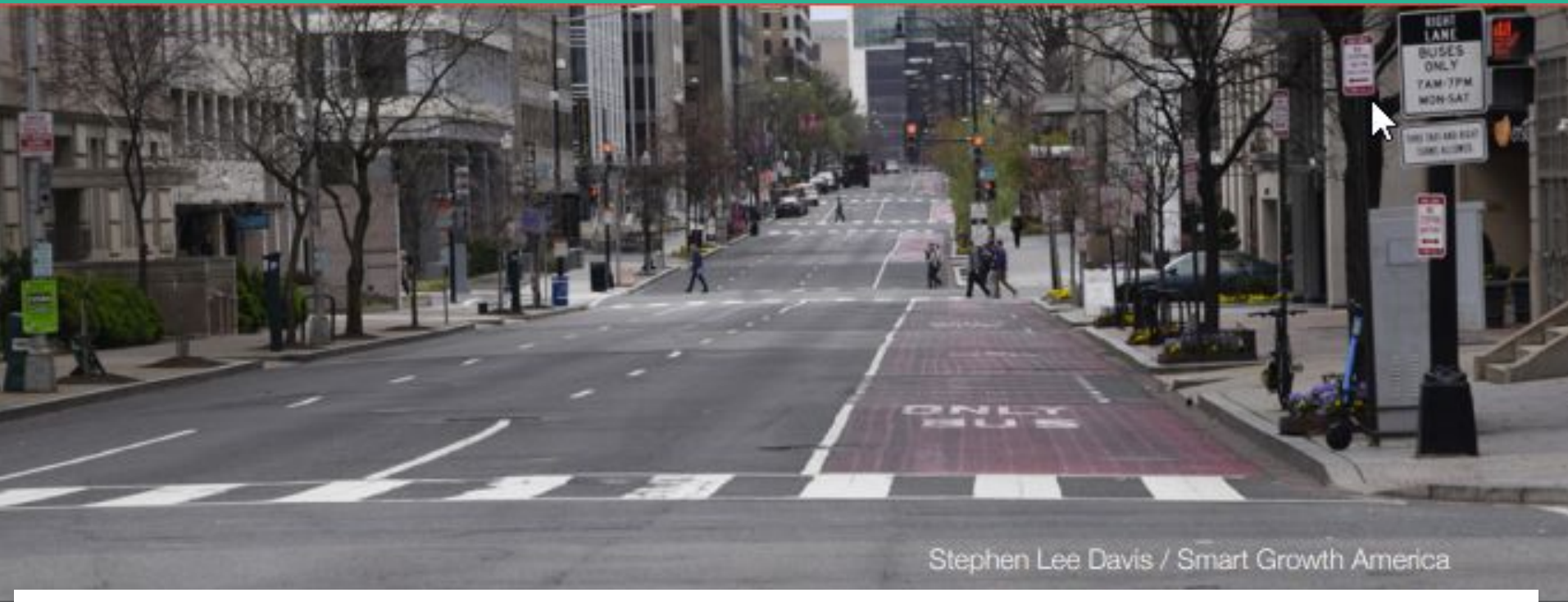


5%
All Other
Traffic Deaths



Source: NHTSA Fatality Analysis Reporting System

Pedestrian Fatalities during COVID



Stephen Lee Davis / Smart Growth America

The trend for the full year tells a similar story: driving went down and traffic fatality rates spiked. The National Safety Council is estimating the biggest increase in traffic fatality rates in 96 years in 2020—a 24 percent spike—during a year when miles driven overall was down 13 percent. This

Older adults, Black or African American and American Indian or Alaska Native people, and people walking in low-income communities continue to be disproportionately represented in fatal crashes involving people walking.

If hit by a car traveling:

● Fatality ● Person survives collision



20 MPH

5%



30 MPH

45%

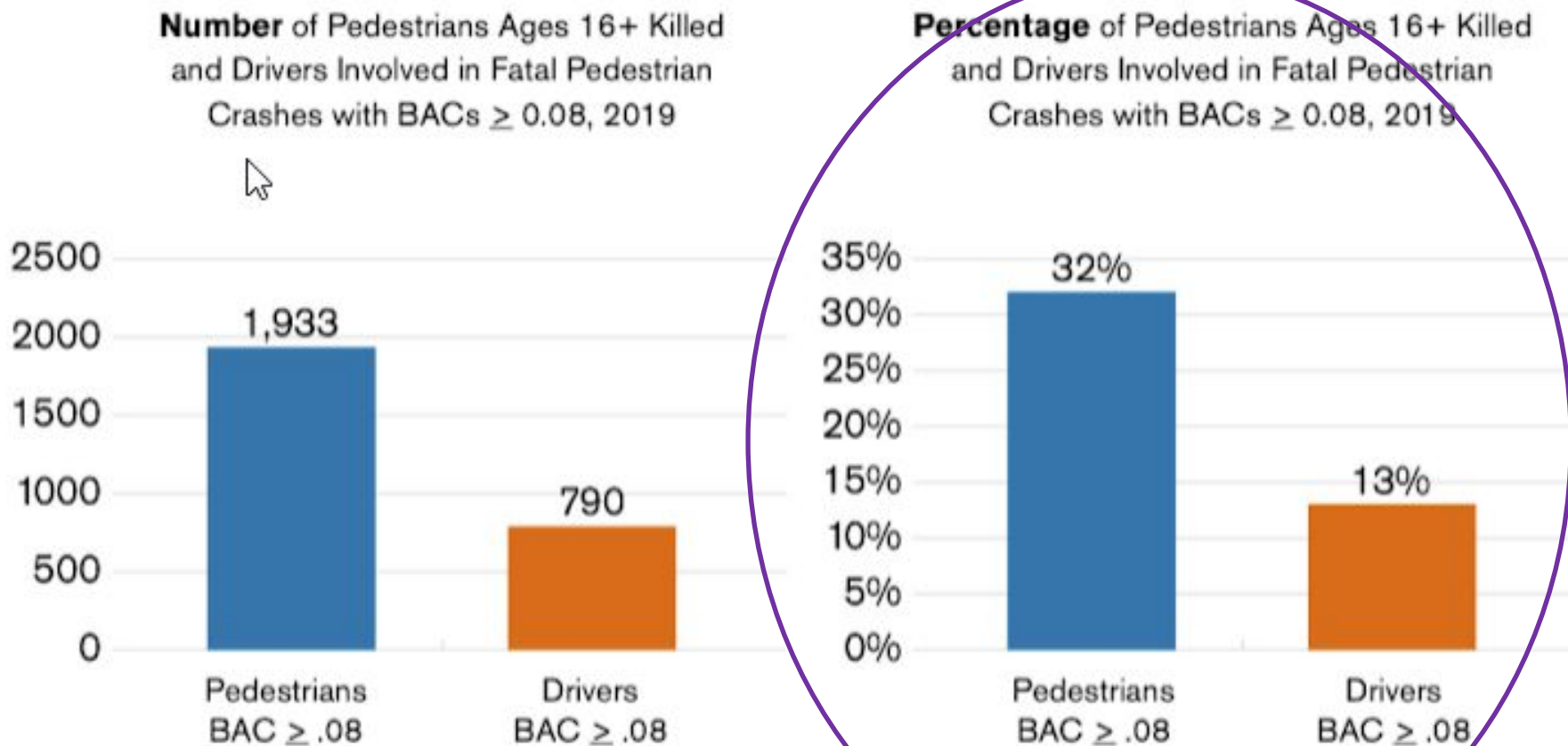


40 MPH

85%

National Traffic Safety Board (2017) Reducing Speeding-Related Crashes Involving Passenger Vehicles. Available from: <https://www.nts.gov/safety/safety-studies/Documents/SS1701.pdf>

Figure 13 Drivers and Pedestrians Involved in Fatal Pedestrian Crashes with BACs \geq 0.08, 2019

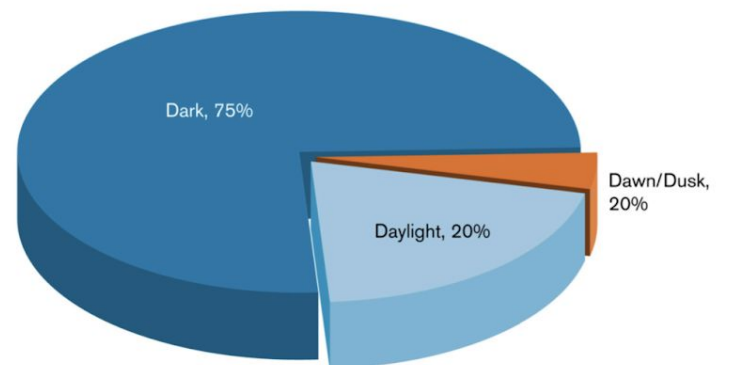


Source: FARS



Darkness poses an especially high risk for those traveling by foot. Nationwide, three out of every four (75%) pedestrian fatalities in 2019 occurred after dark (Figure 6).

Figure 6 Pedestrian Fatalities by Light Condition, 2019



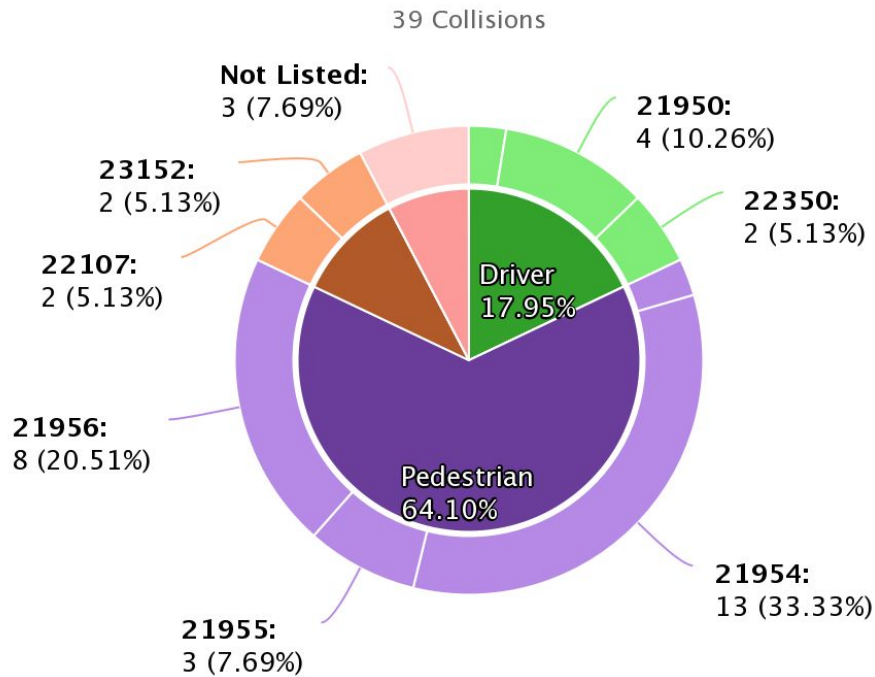
Pedestrian Safety Problem Background

39 pedestrians killed in traffic crashes, representing 13.6. % of all roadway related fatalities in SLO County. (over 11 year period 2009-2020)*

Metropolitan Area	ALL	PED	PED %ALL	PED P/100k
Los Angeles-Long Beach, CA	8,616	2,435	28.3%	1.8
San Francisco-Oakland, CA	2,360	633	26.8%	1.4
San Jose-Santa Clara, CA	1,008	260	25.8%	1.4
San Diego-San Marcos, CA	2,592	576	22.2%	1.8
Sacramento---Roseville, CA	2,051	390	19.0%	1.7
Santa Barbara-Santa Maria, CA	418	76	18.2%	1.8
Santa Cruz-Watsonville, CA	199	34	17.1%	1.0
Stockton, CA	949	145	15.3%	1.9
Riverside-San Bernardino, CA	5,901	889	15.1%	1.8
Redding, CA	273	41	15.0%	2.8
Modesto, CA	697	102	14.6%	1.9
Fresno, CA	1434	207	14.4%	2.2
Chico, CA	312	44	14.1%	2.5
Bakersfield, CA	1471	206	14.0%	2.5
Vallejo-Fairfield, CA	388	54	13.9%	1.3
Madera-Chowchilla, CA	366	50	13.7%	2.7
Salinas, CA	497	67	13.5%	1.4
Santa Rosa-Petaluma, CA	460	61	13.3%	1.5
Merced, CA	512	67	13.1%	2.0
Oxnard--Ventura, CA	676	85	12.6%	1.1
Visalia-Porterville, CA	857	98	11.4%	2.1
El Centro, CA	394	37	9.4%	2.0
Yuba City, CA	299	28	9.4%	1.8
SLO-Paso Robles, CA	361	28	7.8%	1.1
Napa, CA	155	12	7.7%	0.9
Hanford-Corcoran, CA	326	19	5.8%	1.5

~2004-2014*

Number of Collisions by Type of Violation



Party Violation Classification

- Bicyclists
- Driver
- Other
- Pedestrian
- Unclear
- Unknown
- Not Listed

Party Violation Classification	Type of Violation	Description	Count	%
Pedestrian	21954	Pedestrian failure to yield right-of-way to vehicles when crossing outside of a marked or unmarked crosswalk	13	33.33%
Pedestrian	21956	Pedestrian failure to walk close to the edge of the roadway when there is no sidewalk present / Pedestrian failure to walk on the left-hand edge of the roadway when outside of a business or resident district, unless crossing is not possible	8	20.51%
Driver	21950	Driver failure to yield right-of-way to pedestrians at a marked or unmarked crosswalk	4	10.26%
Pedestrian	21955	Pedestrian failure to cross at crosswalks between adjacent traffic signal controlled intersections	3	7.69%

Pedestrian Action	Count	%
B - Crossing in Crosswalk at Intersection	5	12.82%
D - Crossing Not in Crosswalk	14	35.90%
E - In Road, Including Shoulder	19	48.72%
F - Not in Road	1	2.56%

Lighting	Count	%
A - Daylight	4	10.26%
B - Dusk - Dawn	3	7.69%
C - Dark - Street Lights	13	33.33%
D - Dark - No Street Lights	19	48.72%

Major Risk factors that influence pedestrian crashes and severity - Summarized

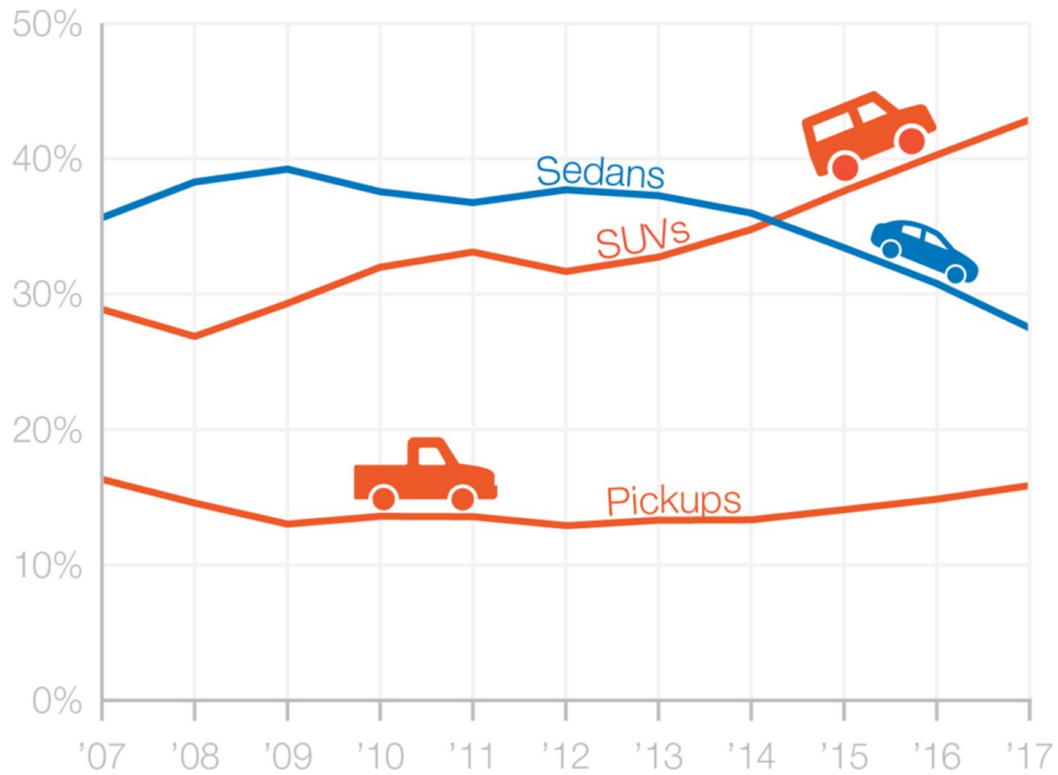
- Increases on wide roads (four lanes or more) w/ high motor vehicle speeds or volumes
- Intersections difficult to cross when wider (wider crossing distances, wide turning radii, multiple turn lanes, confusing traffic control.
- Drug/Alcohol use by motorists and pedestrians
- Lack of nighttime road-way lighting, lack of walkways along roads
- Older pedestrians are more susceptible to serious or fatal injuries b/c of frailty
- Young children (age 5-9) more likely to be struck by vehicle after darting out into the street
- Land use decisions – separating residential areas from shopping areas with high volume multi lane roads.



the increasing size of the vehicle fleet is also contributing to the growing numbers of people struck and killed while walking.

SUV

Sedan





2-hour count 10am
Tues Weds

Downtown Arroyo Grande	194	5	Downtown Arroyo Grande	198	31
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SLO Pedestrian Counts – Dashboard

How Often Do You Walk in Paso Robles?

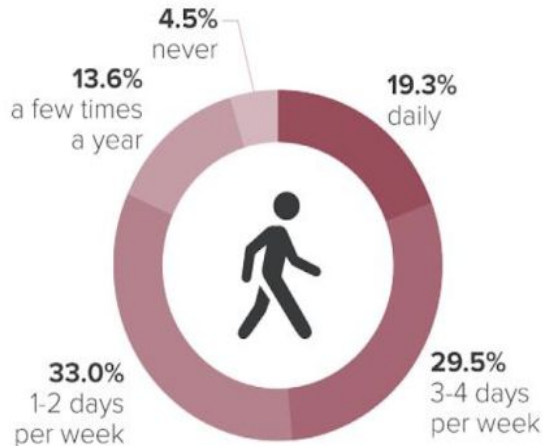


Figure 1-3: Survey Question #8 Results

Figure 9: All Locations Pedestrian and Bicyclist Split

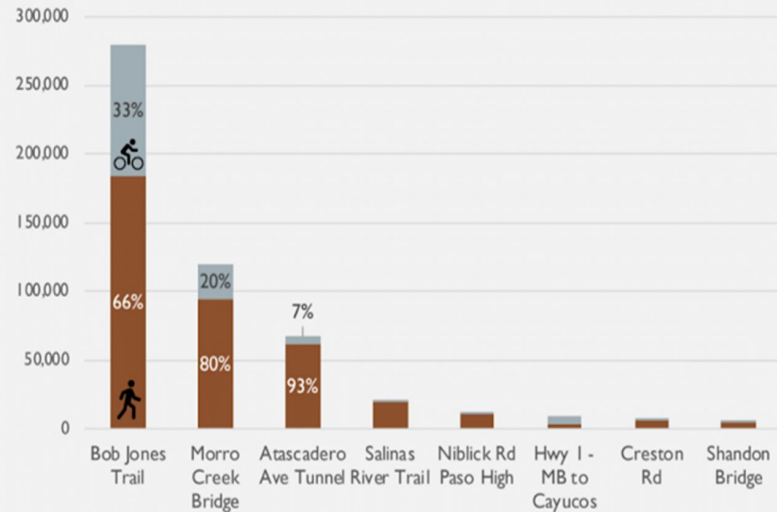


FIGURE 12: 2018 BICYCLE MODE SHARE COMPARISON

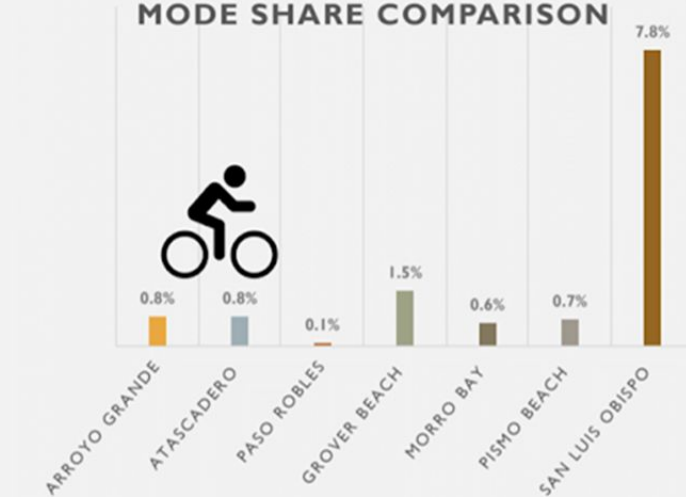
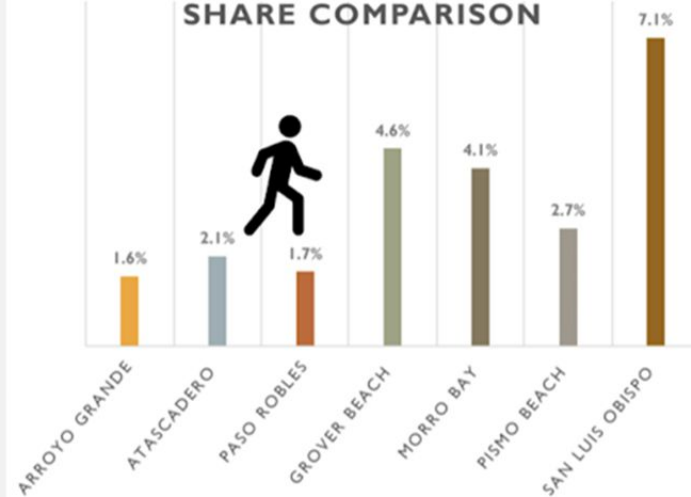
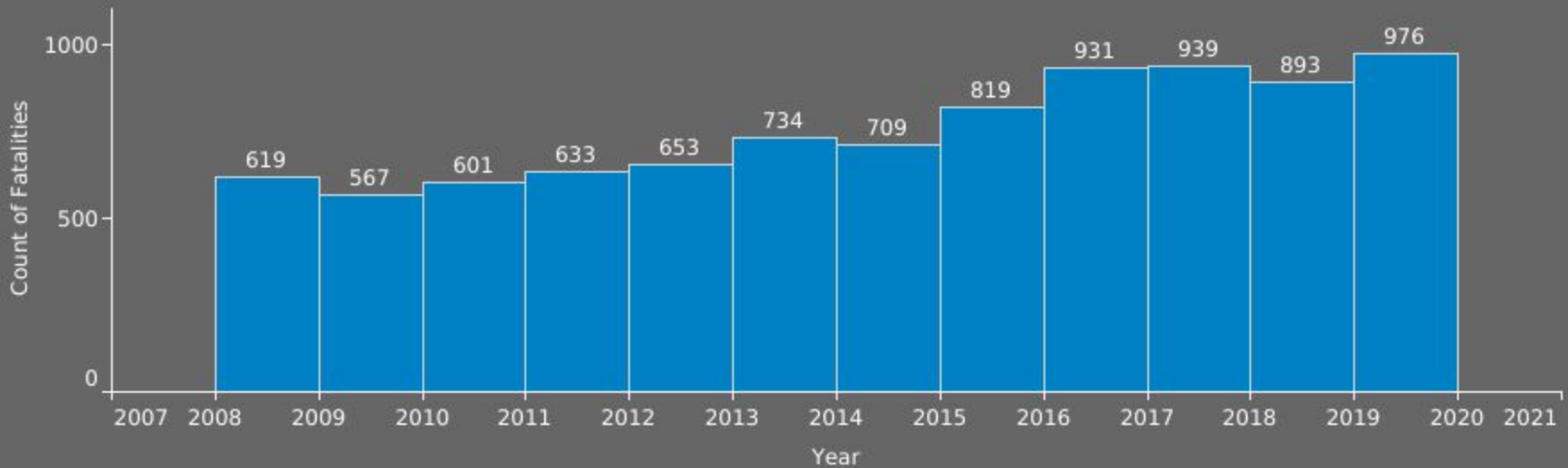
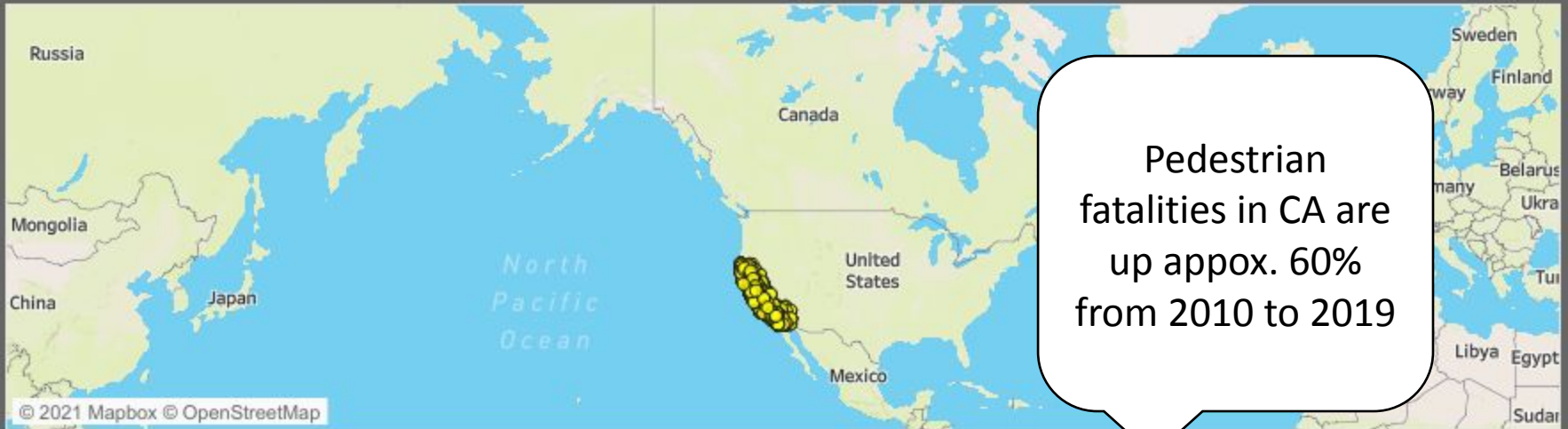


FIGURE 13: 2018 WALKING MODE SHARE COMPARISON



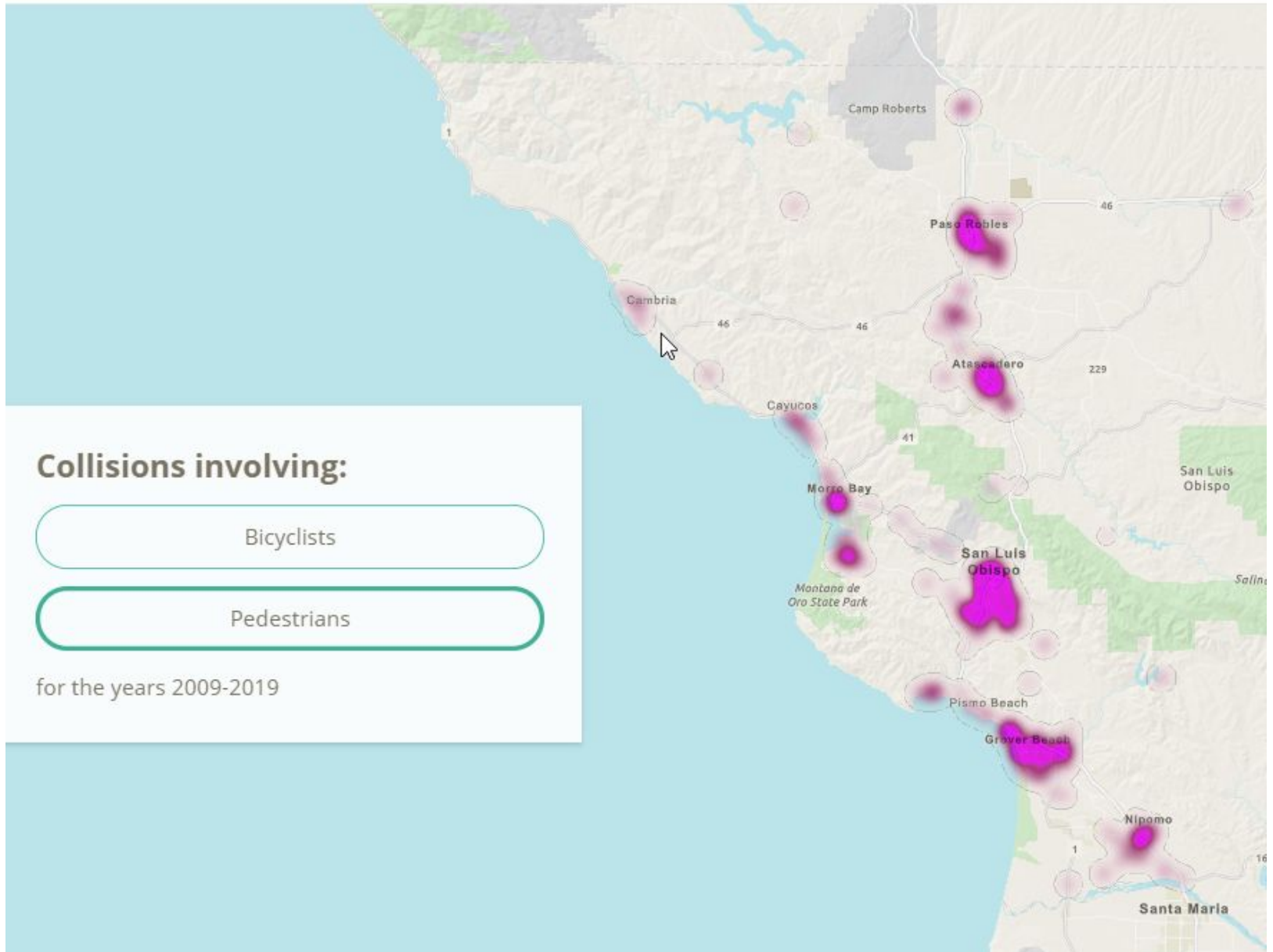
Pedestrian Fatalities 2008 - 2019



Pedestrian Collisions Annual Growth (2% per year)



Need to drill to see SLO Ped fatalities increase...



San Luis Obispo County Disadvantaged Communities

Disadvantaged Communities

Disadvantaged Communities Map Viewer

Click the icons to the right to change the layers or basemap →

Disadvantaged Communities Variables	Total Point Value
Racial Minority	40
Ethnic Minority	40
Disability Status	40
Household Income	40
Free or Reduced Price Meals	30
Educational Attainment	30
Language Proficiency	30
Renter Affordability	20
Housing Ownership Affordability	20
Older Adults: Age 75 Years and Older	20
Youth: Age 15 Years and Under	20
Households with No Vehicle Available	10
Households with No Computing Device Available	10
Total Number of Points	350

Four methodology objectives served as a guide throughout the methodology development process.

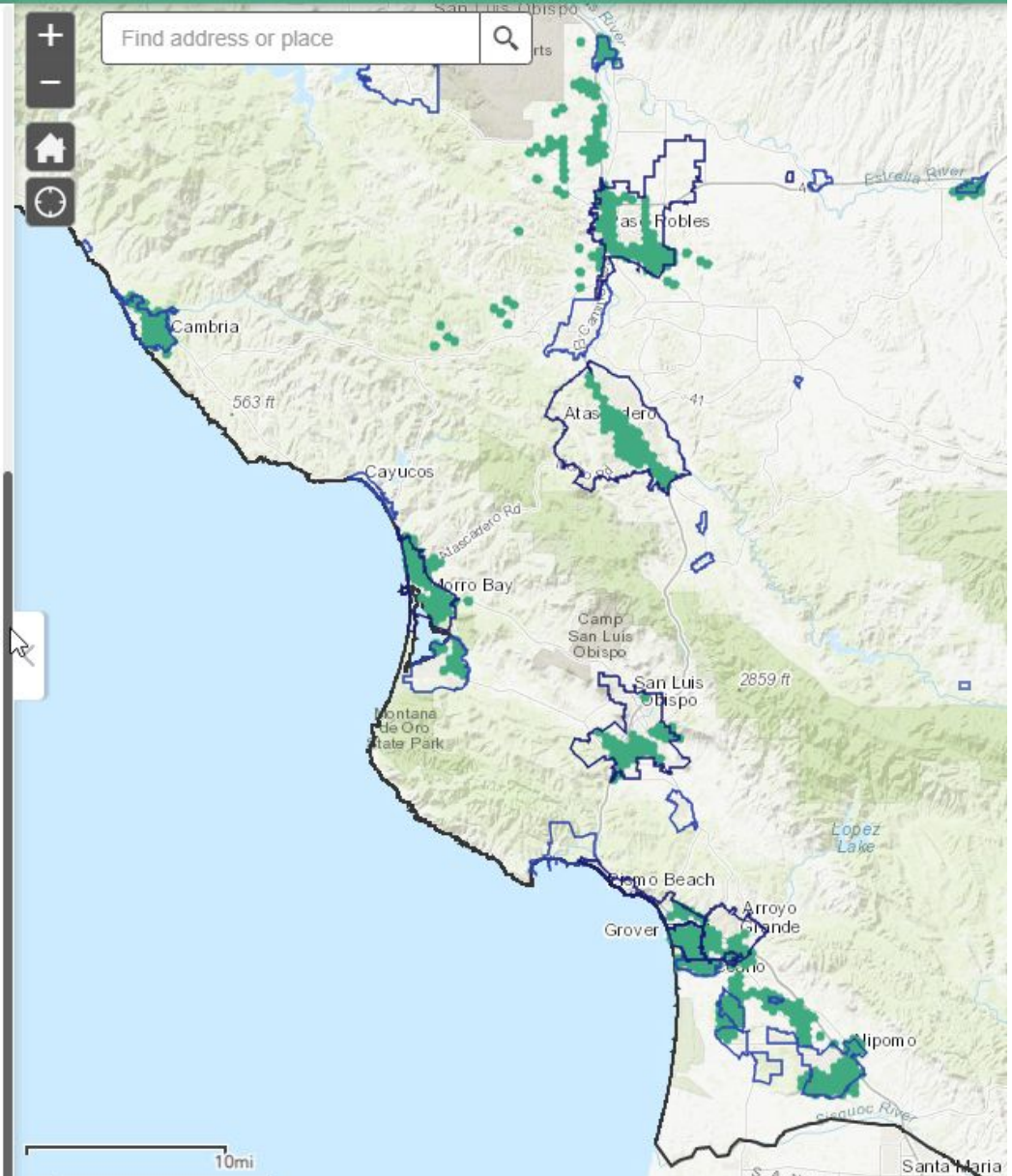
Objective 1: *Use available and accessible data for San Luis Obispo County.*

Objective 2: *Be flexible for MPO/local plans and programs.*

Objective 3: *Be simple to use.*

Objective 4: *Be objective.*

Both the definition and methodology objectives helped identify the variables used to geographically define our
















































Objectives to improve pedestrian safety and mobility

- Reduce the speed of motor vehicles.
- Reduce pedestrian risks at street crossing locations.
- Provide sidewalks and walkways separate from motor vehicle traffic.
- Improve awareness of and visibility between motor vehicles and pedestrians.
- Improve pedestrian and motorist behaviors.

There are “acceptable roadway design” that actively put people at risk and increase the likelihood that people walking and moving actively using assisted devices such as wheel chairs, walkers, sight canes, prosthetics, and scooters will continue to pay the price.

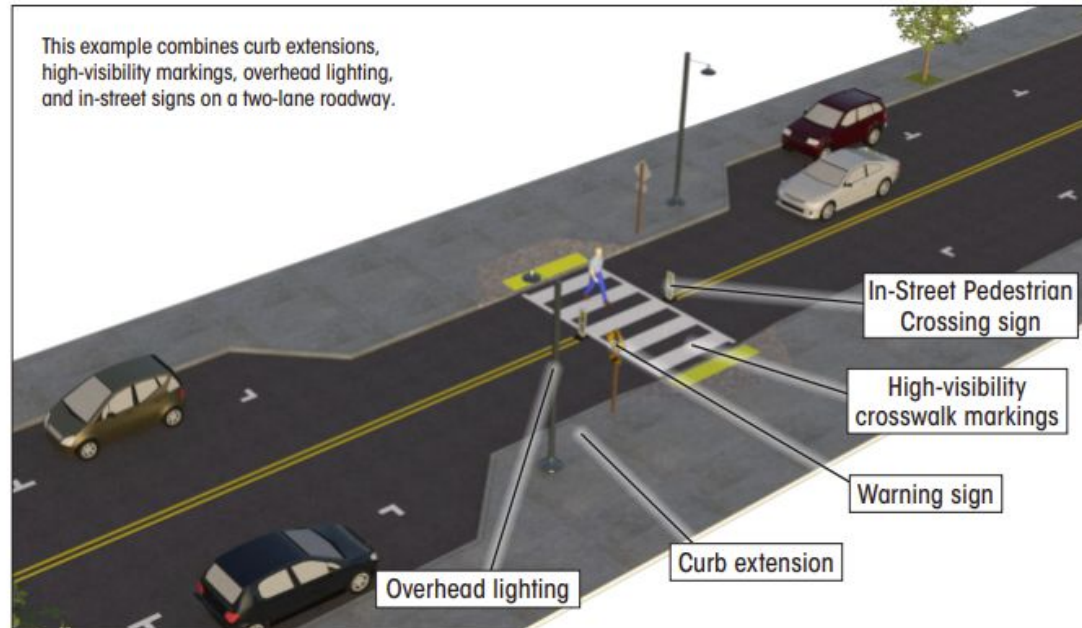
- HSIP Program (State)
- Transportation Safety Partnership Program (SLOCOG)

Table 2. Safety issues addressed per countermeasure.

Pedestrian Crash Countermeasure for Uncontrolled Crossings	Safety Issue Addressed				
	Conflicts at crossing locations	Excessive vehicle speed	Inadequate conspicuity/visibility	Drivers not yielding to pedestrians in crosswalks	Insufficient separation from traffic
Crosswalk visibility enhancement					
High-visibility crosswalk markings*					
Parking restriction on crosswalk approach*					
Improved nighttime lighting*					
Advance Yield Here To (Stop Here For) Pedestrians sign and yield (stop) line*					
In-Street Pedestrian Crossing sign*					
Curb extension*					
Raised crosswalk					
Pedestrian refuge island					
Pedestrian Hybrid Beacon					
Road Diet					
Rectangular Rapid-Flashing Beacon					

*These countermeasures make up the STEP countermeasure "crosswalk visibility enhancements." Multiple countermeasures may be implemented at a location as part of crosswalk visibility enhancements.

Countermeasure: Crosswalk Visibility Enhancements



A Pedestrian Hybrid Beacon (PHB) is a hybrid beacon used to control traffic and improve safety at uncontrolled, marked crosswalks. It rests in dark until a pedestrian activates it via pushbutton or other form of detection. When activated, the beacon displays a sequence of flashing and solid lights that indicate when pedestrians should cross and when it is safe for drivers to proceed. Rectangular-shaped yellow indicators, known as Rectangular Rapid Flashing Beacons (RRFB) are also commonly used

- High-visibility crosswalk markings
- Beacon
- Advance stop line



El Camino Real Streetscape Concept - Downtown Atascadero



Decades of Development – Pedestrian – 1990's

Pedestrian Paths, Boardwalks, Promenades, and Rec.Trails



Downtown Streetscapes – 2000's



- Streetscape enhancements include bulb-outs, refuge and planted medians, bike lanes, street lighting, benches, trash cans and improved bus stop amenities.
- Grover Beach (Grand Avenue enhancements), Pismo Beach (Shell Beach Road enhancements), San Luis Obispo (Broad Street Corridor plan, 227), Atascadero (El Camino Real enhancements), and Paso Robles (Uptown/Town Center specific plan), San Miguel and Cambria Village.



Livable Communities – 2010's



- A livable community is one that is safe and secure, has affordable and appropriate transportation and housing options, and offers supportive community features and services
- An interconnected multimodal transportation network is a critical component of a livable community.

Safe Routes to School Programs 2000's to 2020's





Oceano is the nation's only school to be named a Gold Level Bicycle Friendly Business by the League of American Bicyclists.



el mercado

ladonna Rd





New Development



What are the ATP priorities?



- Towards Zero Deaths
- Close regional corridor gaps, implement bikeways
- Complete streets improvements
- Prioritize safe routes to school projects through investments and grants.
- Partnership work to define and prioritize projects & programs
- Long list... the 25 year Regional Transportation Plan identifies a need of around \$500 million to implement all AT projects.

Recommended Policy Question?

*Should SLOCOG adopt a
Vision Zero, Safe Routes for All, Towards
Zero Deaths policy?*

...consider writing us a letter of support.

Local Storytellers

Biking to School is Done Best in Pairs

Testimonial from **Jim DeCecco**



Electric Bikes

Testimonial from **Eric Azriel**

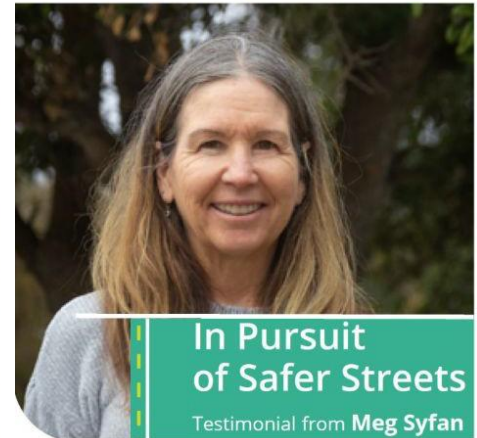


Living Life Car Free

Testimonial from **Louise Justice**

Biking SLO

Testimonial from **Ryan Hayes**



In Pursuit of Safer Streets

Testimonial from **Meg Syfan**

2021
ATP

Thank you

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