

San Mateo County Collision Analysis SVBC Annual Bike Summit

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Get
Healthy
SAN MATEO COUNTY
gethealthysmc.org



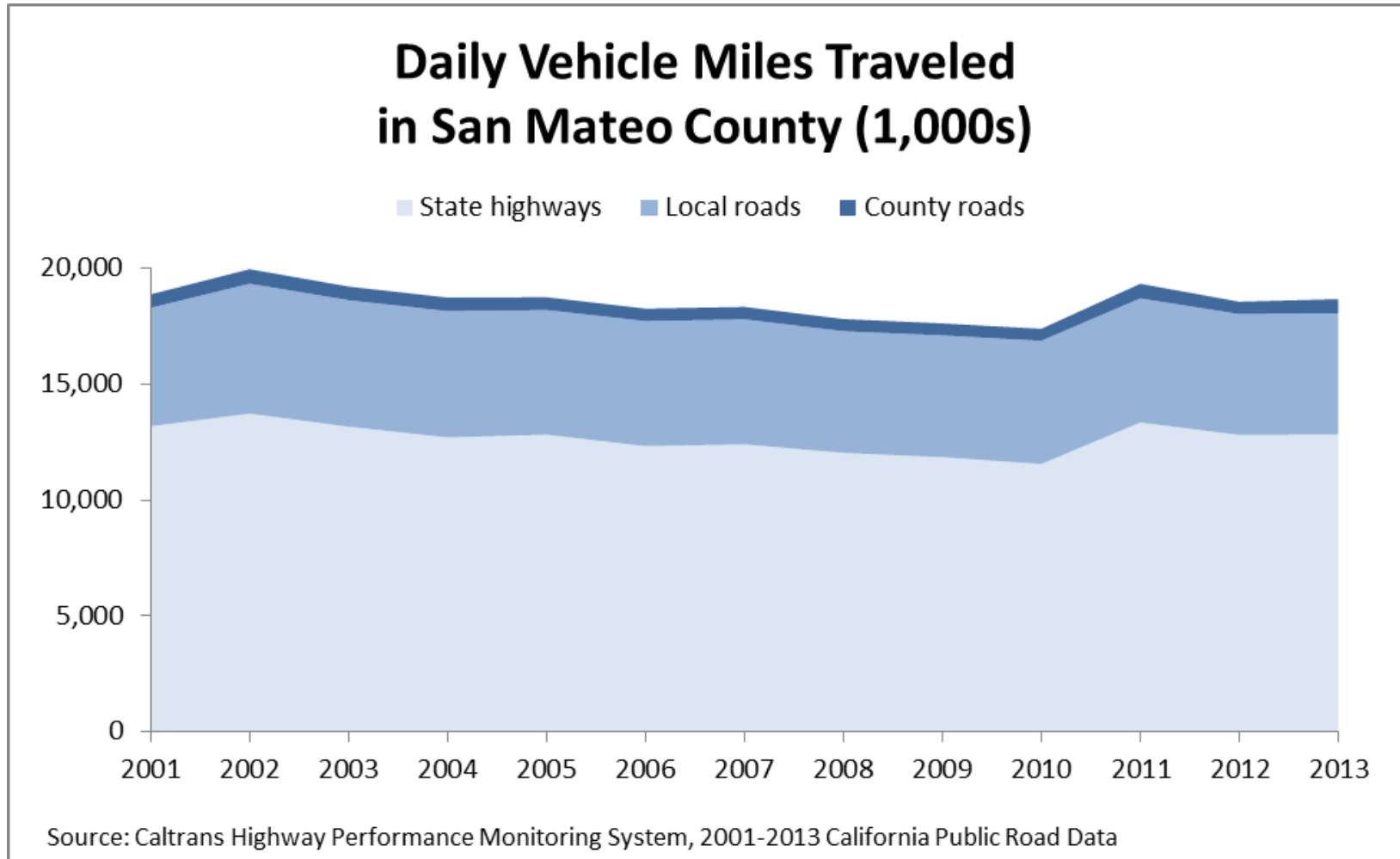
Get Healthy San Mateo County

Priority Areas:

1. Healthy Housing
2. Healthy Neighborhoods
3. Healthy Schools
4. Healthy Economy



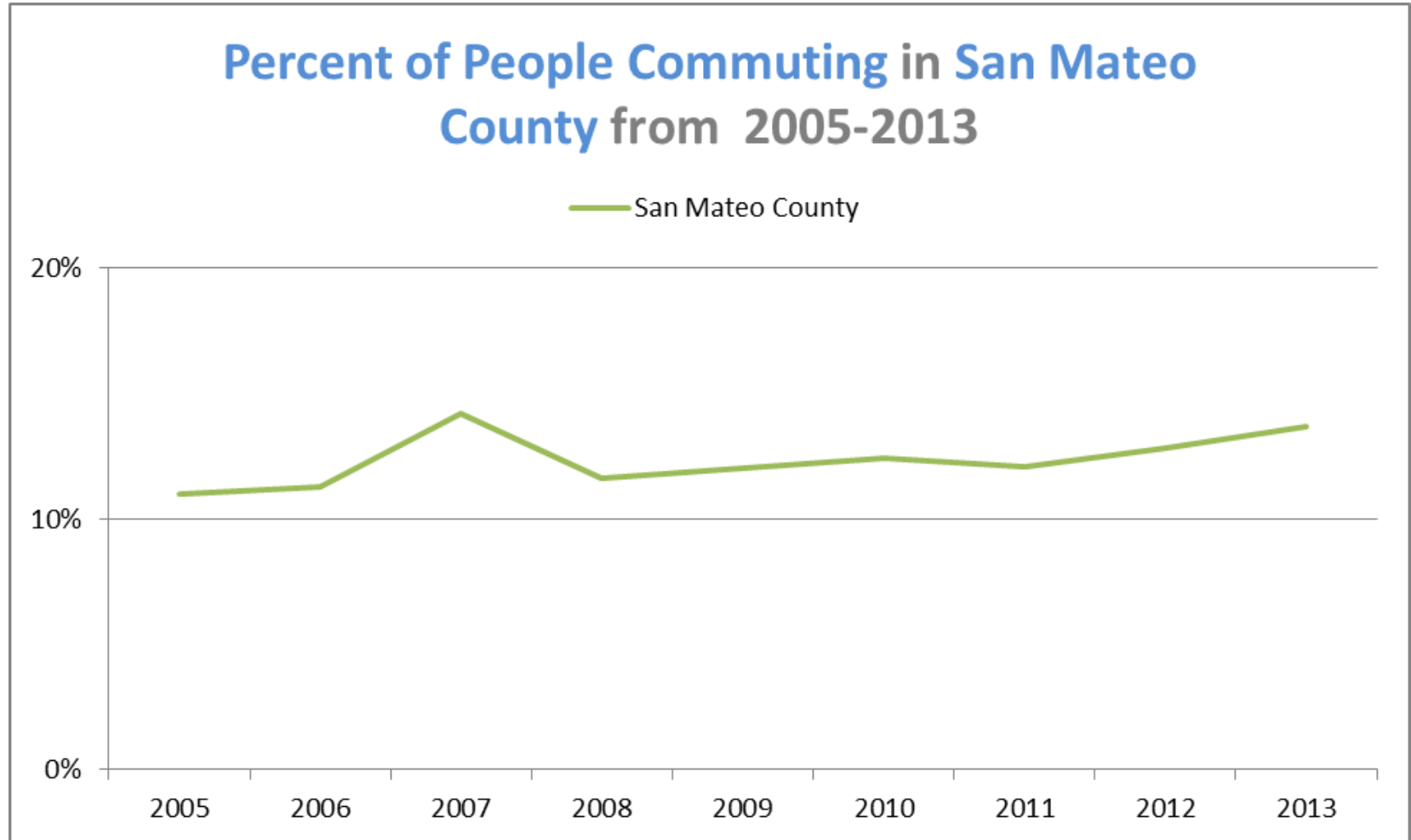
Vehicle miles traveled are increasing



Longer commutes, worse health outcomes



Transportation and health in San Mateo County



Bicycle and pedestrian injuries and fatalities: 2009-2013

Severity	Bike		Pedestrian	
	#	%	#	%
Fatal	13	1%	49	4%
Injury: severe	130	11%	151	13 %
Injury: other visible	588	49%	430	37%
Injury: complaint of pain	481	38%	536	46%



How does San Mateo County compare to the Bay Area?

Where are collisions occurring?



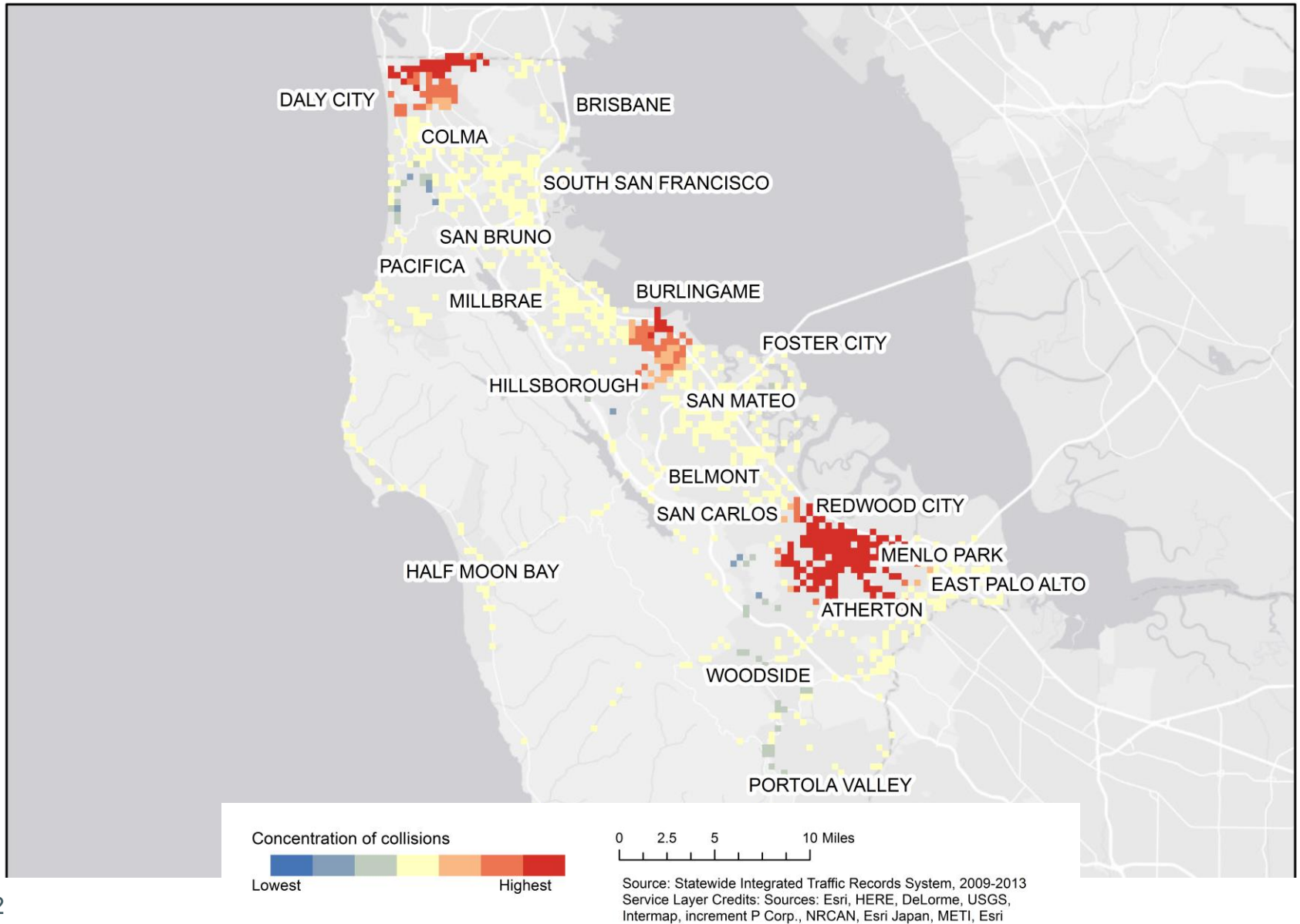
State highways

- 48% of bicycle and pedestrian fatalities
- More than 64% of all fatal collisions



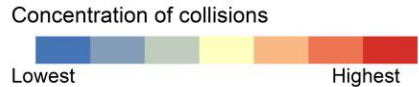
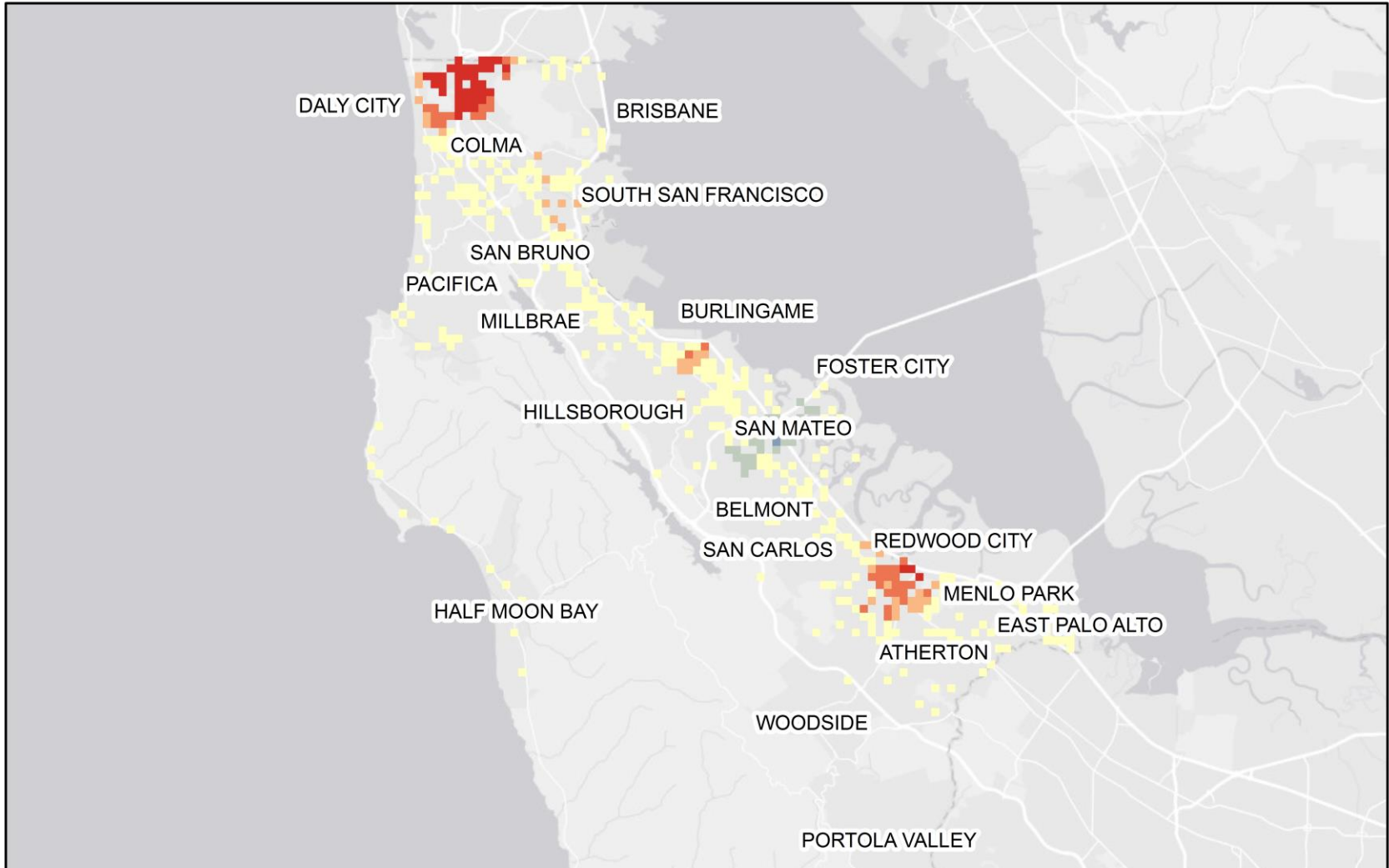
Concentration of Bike and Pedestrian Collisions

San Mateo County, 2009-2013



Concentration of Pedestrian Collisions

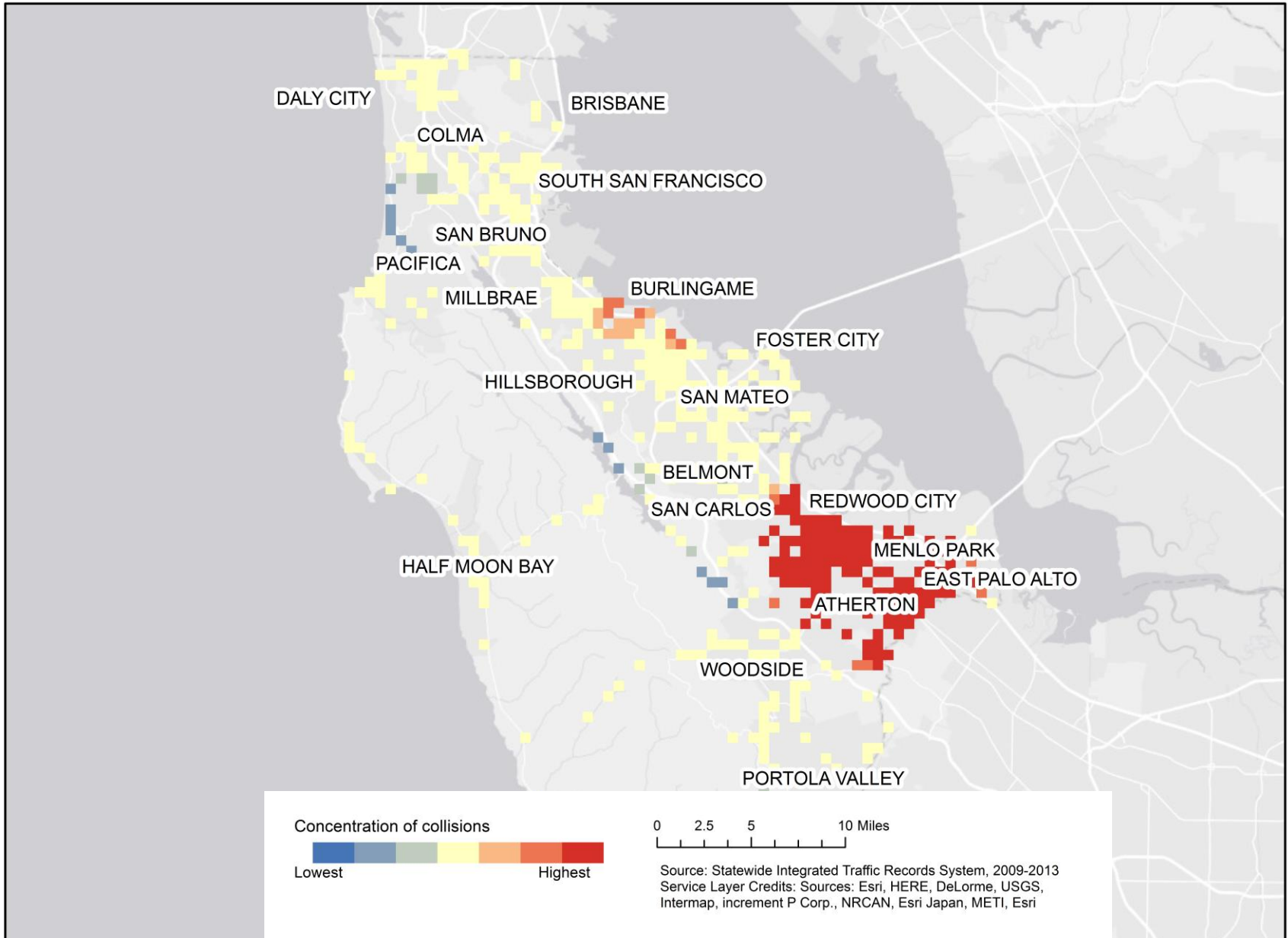
San Mateo County, 2009-2013



Source: Statewide Integrated Traffic Records System, 2009-2013
Service Layer Credits: Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri

Concentration of Bike Collisions

San Mateo County, 2009-2013



Then there's El Camino Real

- Less than 1% of all SMC streets yet...
 - Bike collisions: 14%
 - Pedestrian collisions: 19%

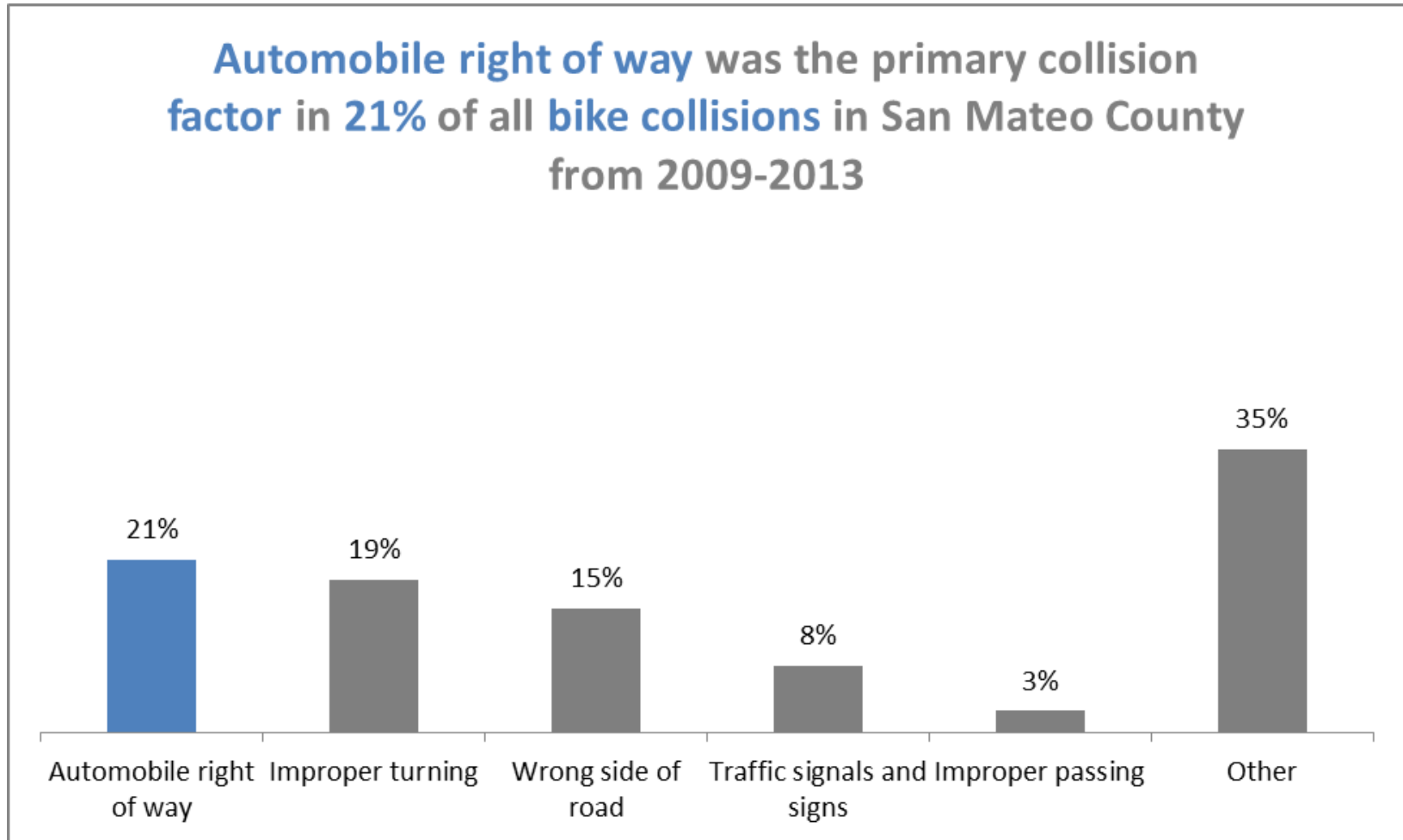




Main causes?

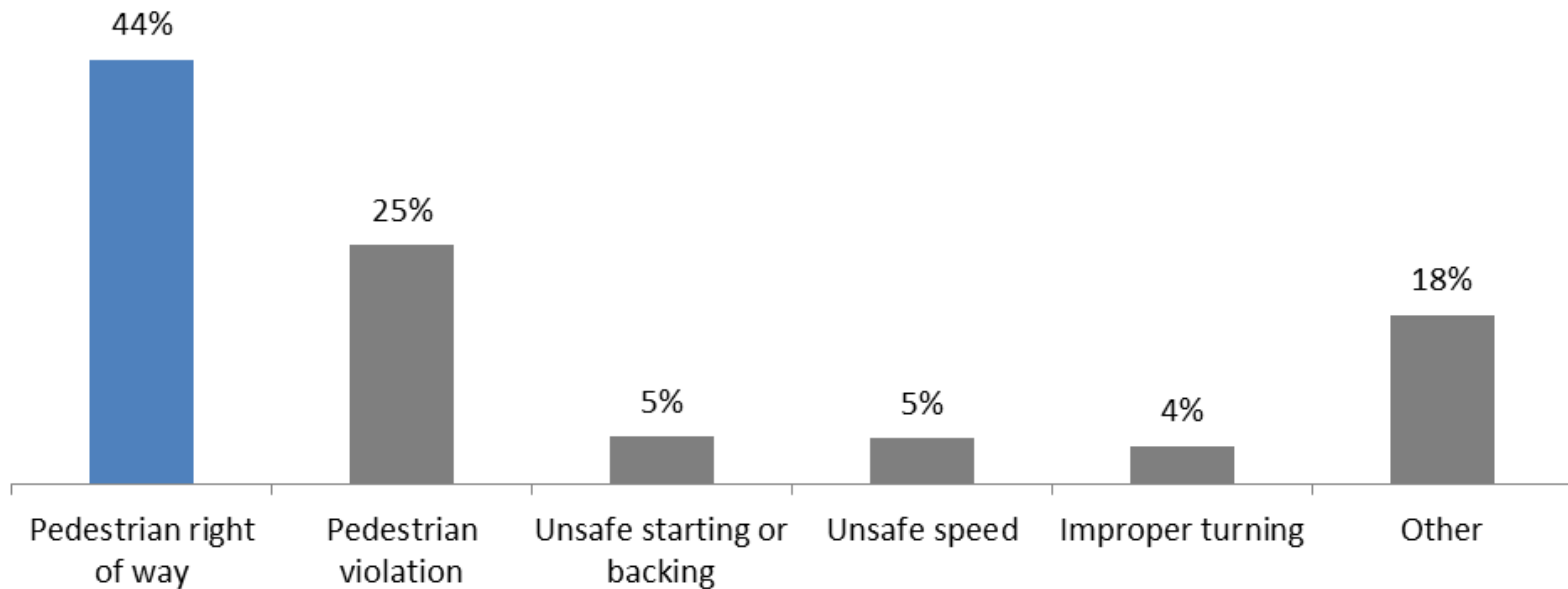
Vehicle right of way

Automobile right of way was the primary collision factor in 21% of all bike collisions in San Mateo County from 2009-2013



Pedestrian right of way

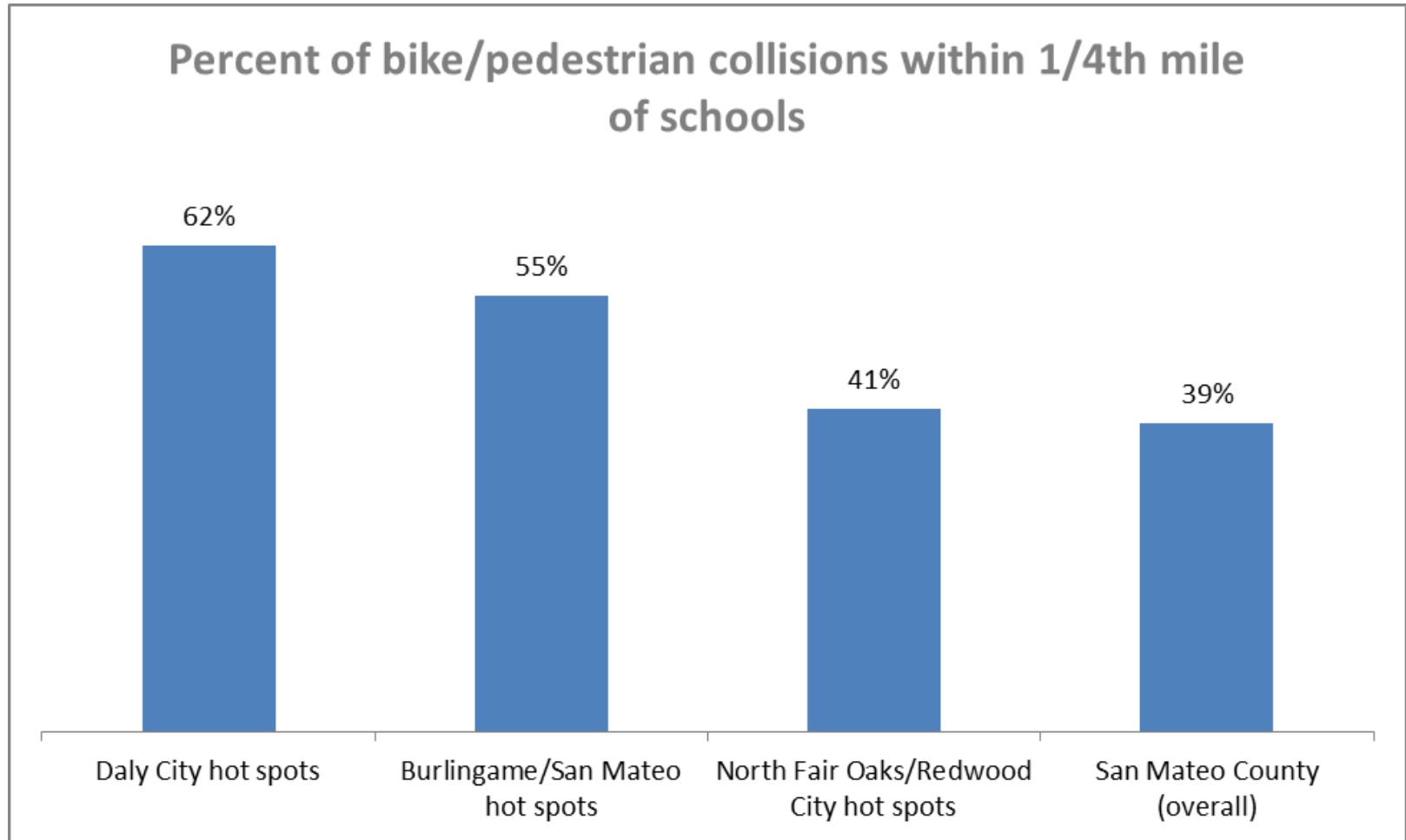
Pedestrian right of way was the primary collision factor in 44% of all pedestrian collisions in San Mateo County from 2009-2013



Equity concerns

- Vulnerable populations include people of color, older adults, youth
- Hotspots were also correlated with higher percentages of households that speak limited English
- Blacks make up 32% of all bicycle and pedestrian deaths, but represent only 3% of the county's population

Safety near our schools



Recommendations

- Identify your community's values and priorities to better balance the needs of all roadway users.
- Adopt Vision Zero policies and make safety your top goal.
- Design your streets to prioritize people, not just cars.
- Create and track performance metrics so that over time, your community can evaluate how all modes of traffic are being accommodated, including cars.

Recommendations (cont'd)

- Focus on development near transit, especially in your community's downtown.
- Use existing streets more efficiently, and convert space to encourage growth while also allowing all modes to use the streets.
- Implement strong Complete Streets policies to serve all users of your streets.
- Enforce safety on the streets.

Thank you!



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