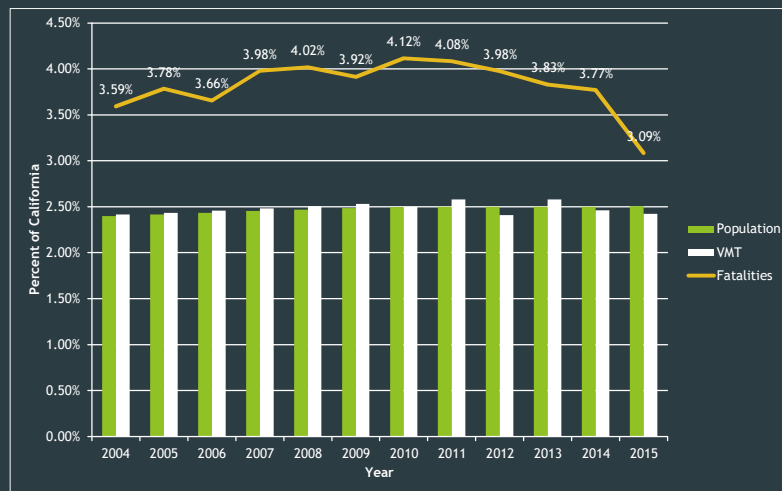


Historical Safety Data Analysis in Fresno County

Lang Yu, Ph.D.
07/14/2017

Fatalities vs. Population and VMT



1. Number of Fatalities



2. Rate of Fatalities



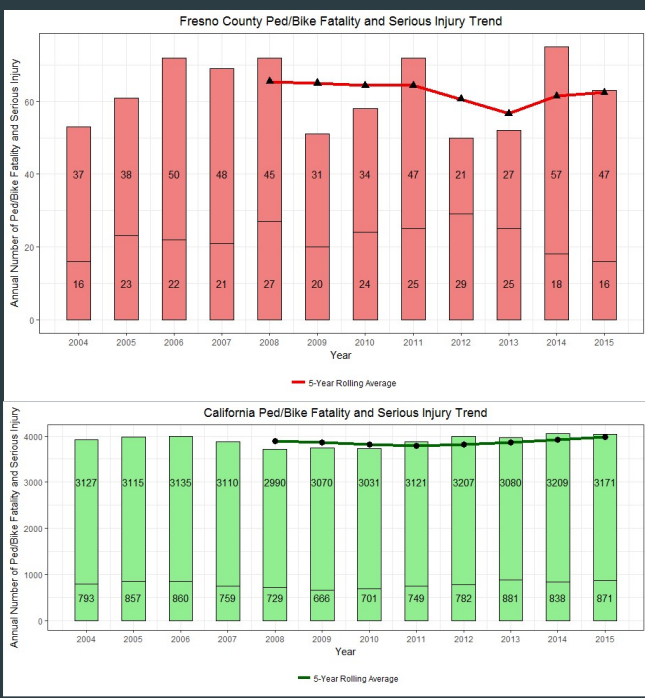
3. Number of Serious Injuries



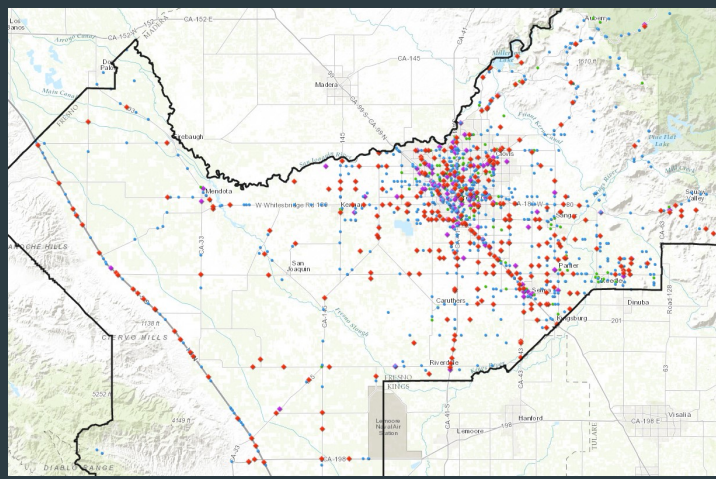
4. Rate of Serious Injuries



5. Total Non-Motorized Fatalities and Serious Injuries



Map of Fatal and Serious Injury Collisions (2009-2013)



Click Image for Interactive Map

Source: Traffic Injury Mapping System, UC-Berkeley

By Jurisdiction

Jurisdiction	Fatalities	Fatalities/100,000 Pop	Serious Injuries	Serious Injuries/100,000 Pop
Clovis	21	20.9	20	19.9
Coalinga	2	11.8	4	23.6
Firebaugh			1	12.3
Fowler	3	49.9	5	83.2
Fresno	157	30.7	332	65.0
Huron	1	14.7	1	14.7
Kerman	1	7.00	3	21.0
Kingsburg	1	8.5	5	42.8
Mendota	1	8.7	3	26.3
Orange Cove			1	10.4
Parlier	3	20.1	3	20.1
Reedley			10	39.8
Sanger	2	8.1	12	48.5
Selma	8	33.3	18	74.9
Unincorporated	392	232.7	917	544.4

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Top Contributing Factors

Top Contributing Factor	Fatal Crashes	Percent of Fatal Crashes	Serious Injury Crashes	Percent of Serious Injury Crashes
Alcohol and Drug Impaired	135	26.4%	246	24.0%
Improper Turning	103	20.2%	239	23.3%
Pedestrian Violation	64	12.5%	66	6.4%
Failure to Yield ROW	56	11.0%	116	11.3%
Unsafe Speed	52	10.2%	160	15.6%
Disregard Signal or Sign	46	9.0%	72	7.0%

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Collision Type

Collision Type	Fatal Crashes	Percent of Fatal Crashes	Serious Injury Crashes	Percent of Serious Injury Crashes
Broadside (T-bone)	121	23.5%	209	19.9%
Hit Fixed Object	108	21.0%	273	26.0%
Pedestrian	102	19.8%	112	10.7%
Overtuned	62	12.0%	176	16.7%
Head On	50	9.7%	83	7.9%
Rear End	35	6.8%	101	9.6%
Other	29	5.6%	43	4.1%
Sideswipe	8	1.6%	54	5.1%