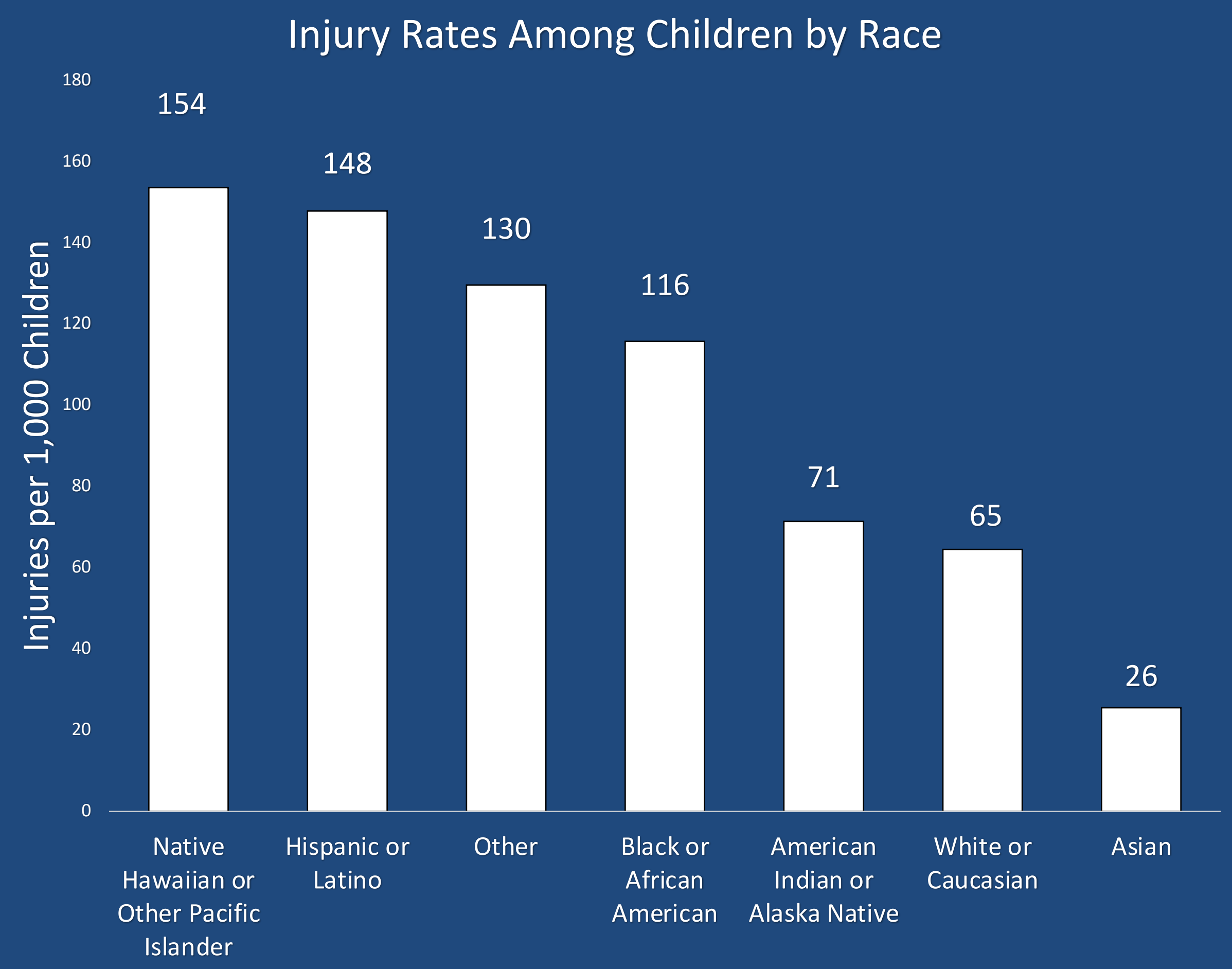
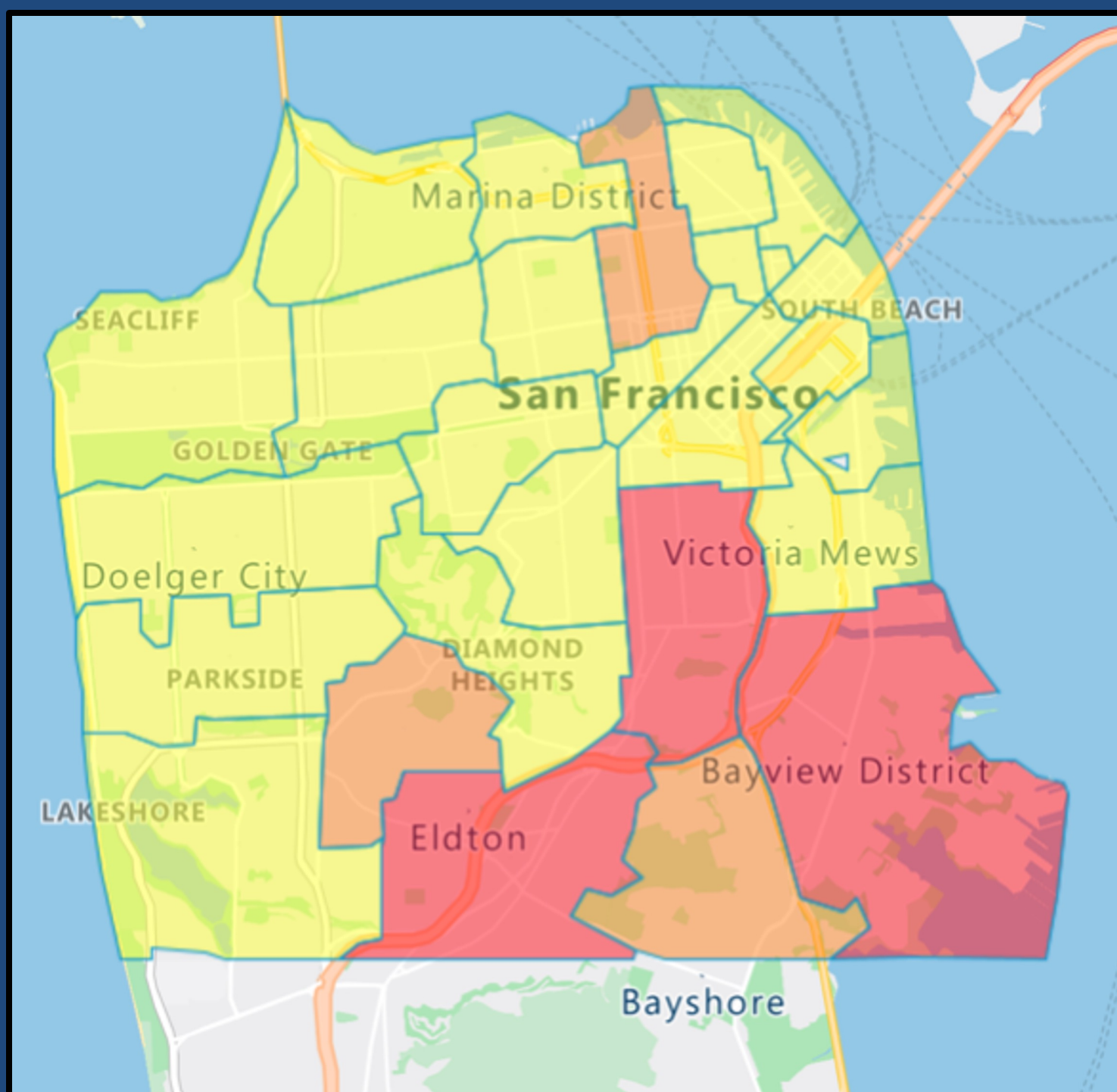


Childhood injury disproportionately affects racial minorities and historically disenfranchised regions of the city.



Injuries per 10,000 children per year, by zip code.

(Red > 15.0%, Orange 3.0% to 15%, Yellow < 3.0%)



Childhood Injury Prevention Needs Assessment for UCSF-SF Pediatric Emergency Medicine

Hamzah Yusuf, Carol Chen MD MPH

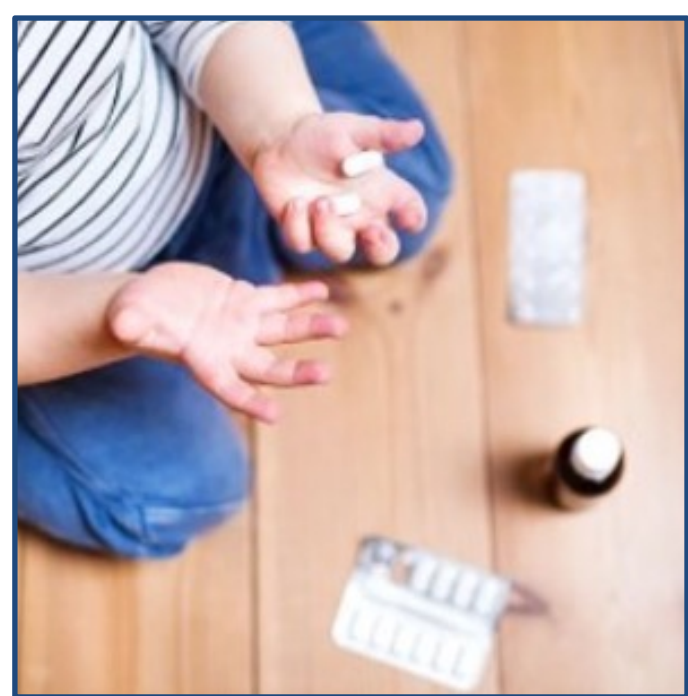


University of California San Francisco

Purpose

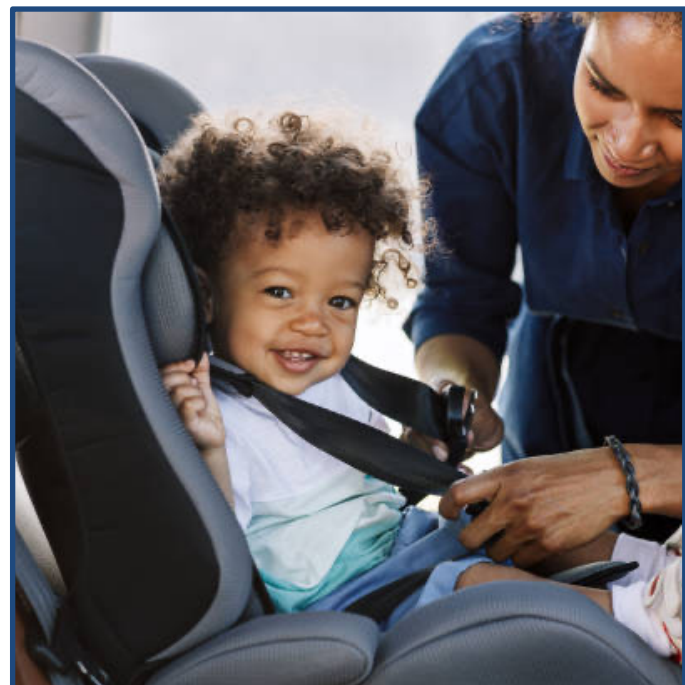


Methods



Retrospective analysis of diagnoses and demographics of all encounters with ICD-10 code associated with injury

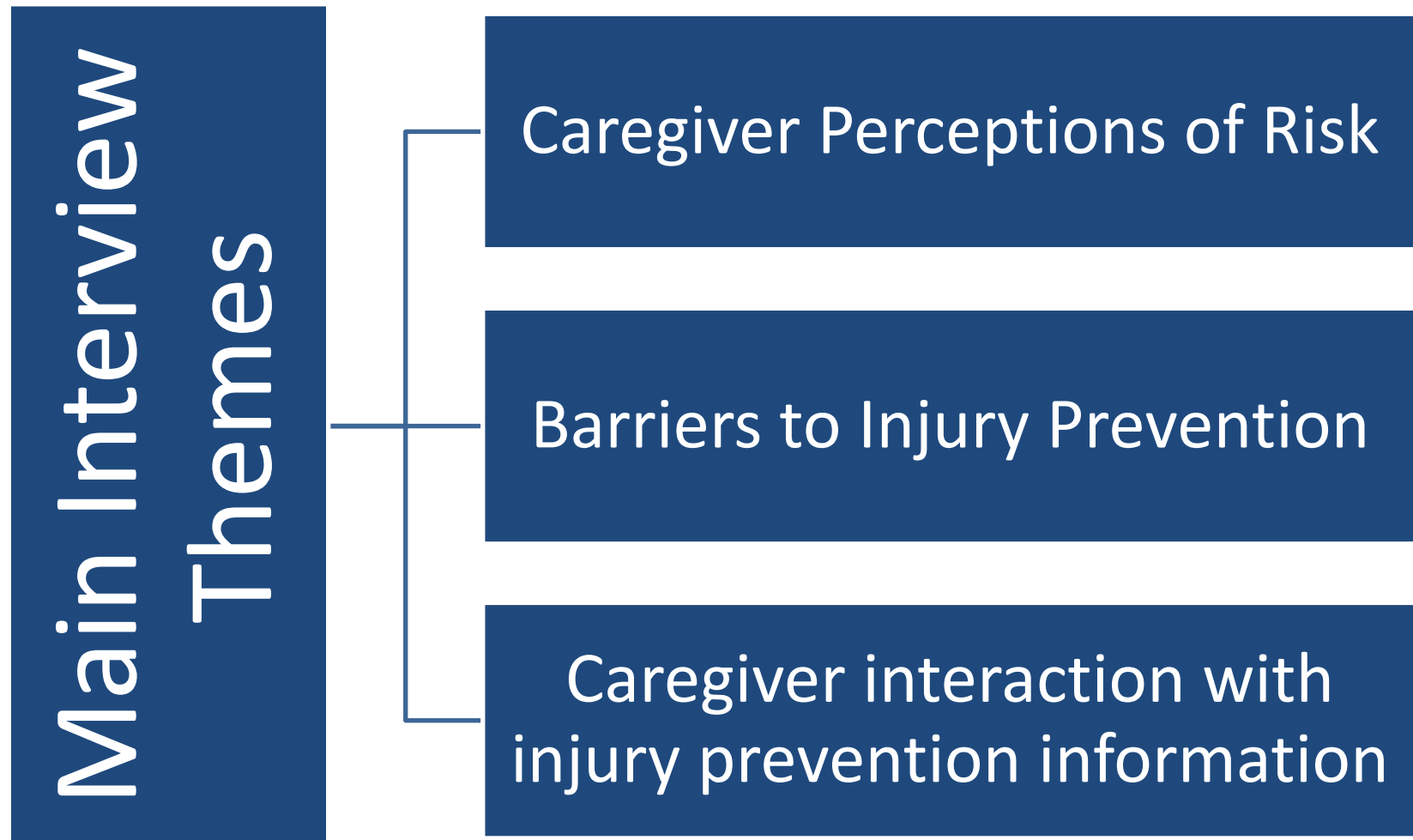
Qualitative interviews of 25 caregivers, 5 ED physicians, and 3 ED social workers



Results: Leading causes of injury among children, by age group

Age Group in Years					
Rank	0 to 2 (n=2,431)	3 to 6 (n=2,537)	7 to 10 (n=1,888)	11 to 14 (n=1,839)	15 to 18 (n=1,548)
1	Fall 35%	Natural/environmental 37%	Natural/environmental 37%	Natural/environmental 22%	Fall 18%
2	Natural/environmental 25%	Fall 22%	Fall 22%	Fall 22%	Natural/environmental 16%
3	Foreign body 16%	Foreign body 18%	Foreign body 10%	Struck by or against 9%	Struck by or against 11%
4	Fire/hot object of substance 7%	Struck by or against 4.1%	Struck by or against 8%	Foreign body 6%	MV - other 8%
5	Poisoning 5%	Fire/hot object of substance 4.0%	Pedal cyclist 4.2%	Pedal cyclist 5.9%	Overexertion 7%
6	MV - other 3.4%	Other 3.5%	Other 4.1%	Cut/pierce 6%	Poisoning 7%
7	Other 3.4%	MV - other 3%	MV - other 4%	MV - other 5%	Pedal cyclist 5%
8	Struck by or against 2.8%	Pedal cyclist 2.4%	Fire/hot object of substance 3.3%	Overexertion 5%	MV - occupant 5%
9	Overexertion 1.1%	Poisoning 1.8%	Overexertion 2.3%	Other 5%	Other 5%
10	Cut/pierce 0.9%	Cut/pierce 1.3%	MV - occupant 1.8%	Exposure 4.3%	Cut/pierce 5%
11	MV - occupant 0.7%	MV - occupant 1.1%	Cut/pierce 1.5%	Poisoning 4.1%	Exposure 4.1%
12	Exposure 0.5%	Exposure 1.1%	Poisoning 0.9%	Fire/hot object of substance 2.8%	Foreign body 3.9%
13	Pedestrian 0.3%	Overexertion 0.6%	Exposure 0.8%	MV - occupant 2.7%	Fire/hot object of substance 2.2%
14	Pedal cyclist 0.2%	Pedestrian 0.2%	Pedestrian 0.6%	Pedestrian 1.1%	Firearm 2.0%

Discussion: There exists a disconnect between concerns and data, any ED visit is a teachable moment, and a future program must consider social determinants of health along with San Francisco’s urban environment.



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