Through Vision Zero SF we commit to working together to prioritize street safety and eliminate traffic deaths in San Francisco by 2024

SEVERE TRAFFIC INJURIES IN SAN FRANCISCO

SAN FRANCISCO GENERAL HOSPITAL TRAUMA CENTER
SAN FRANCISCO DEPARTMENT OF PUBLIC HEALTH

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How bad is severe?

• Severe Injury = Hospitalization (>24 hours)

• Included patients from Trauma Registry:
  • Admitted to the hospital
  • Unintentional, transportation-related incident
  • Injury incident in San Francisco

• Time Period: April 1, 2014 - March 31, 2015
The Toll: 1 year

515 Patients with Severe Injuries

1/5 seniors

28 children

~200 SFPD reported Severe Injuries

6 days
Why are there differences in Severe Injury Counts?

- Injury severity assessed immediately at the scene
- No freeway injuries
- No underground transportation injuries
- No non-MV injuries
- Not all injuries reported to PD

- Injury severity determined by medical staff with medical test results
- Injuries include all types of road users and include non-PD jurisdictions
The Toll: 515 Patients in 1 year

16 admitted patients died

Deaths by Road User Type
- Motor Vehicle Occupant: 6%
- Motorcyclist: 13%
- Bicyclist: 25%
- Pedestrian: 50%
- Other/Unknown: 6%

Severe Injuries by Road User Type
- Motor Vehicle Occupant (n=134): 36%
- Motorcyclist (n=85): 26%
- Bicyclist (n=105): 20%
- Pedestrian (n=188): 17%
- Other/Unknown (n=3): 1%

55% of patients charged medical bills to public funds, while 41% charged to private insurance.
Demographics: Sex & Race

- **Pedestrians (n=188)**
  - Latino: 23%
  - Asian: 28%
  - White: 37%
  - Black: 9%
  - Other: 3%

- **Cyclists (n=105)**
  - Latino: 16%
  - Asian: 12%
  - White: 50%
  - Black: 12%
  - Other: 1%

Racial Distribution of SFGH Admitted Patients (n=515)
Vulnerable Populations

57% of admitted patients have an existing medical condition (e.g. diabetes, hypertension...)

6% of admitted patients have an existing disability

Patients with disabilities (n=24)
- Wheelchair: 8%
- Walker: 13%
- Hearing impaired: 33%
- Visually impaired: 21%
- Cane: 25%

Pedestrians with disabilities (n=13)
- Wheelchair: 16%
- Walker: 15%
- Hearing impaired: 31%
- Visually impaired: 23%
- Cane: 15%
Of admitted patients go on to a Skilled Nursing Facility
Transportation-related Injury Surveillance System
Transportation-related Injury Surveillance System

SFPD Injury Collisions N ~ 200

PD-only cases

Linked cases

Unreported cases

SFGH Trauma Registry N = 515
Severe Injury Trends

San Francisco Severe Traffic Injuries, 2005-2014 *

* Police reported Crossroads records used for 2013 and 2014 injury data. This data is preliminary and is still undergoing QA/QC review.

# Data excludes injuries occurring on freeways and/or private property in San Francisco.
Improving Surveillance = Better Decisions
Next Steps

• Obtaining EMS data (SF GH and others)
• Linkage = Fall 2015 (using 2013-2014 injury data)
  • Conducting Analyses to inform targeted interventions
  • Assess spatial differences between SFPD vs. Hospital data
• Share de-identified dataset with City partners and the public
Thank you! Questions?

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