COLLISION PROFILE SUMMARY

VISION ZERO SACRAMENTO
ZERO TRAFFIC DEATHS

Vision Zero Task Force
June 9, 2017
1. Set Goals and Policy
2. Data Collection
3. Data Analysis
4. Collision Profiles
5. Counter-Measures
6. Action Plan
ABOUT PROFILES

• KSI collisions, 2009-2015

• Discover the story of factors and locations

• Highlight locations of most common collision types

• Highlight locations of collision types for each mode: walking, bicycling and driving
unsafe speed on non-local streets
all modes

primary collision factor = “unsafe speed” (driver was driving faster than was “reasonable”)

on arterial or collector streets

77 KSI collisions | 10% of KSI collisions

- 64 KSI collisions | 17% of vehicle KSI
- 3 KSI collisions | 3% of bicycle KSI
- 10 KSI collisions | 4% of pedestrian KSI
alcohol involved
all modes
alcohol involved

186 KSI collisions | 25% of KSI collisions

100 KSI collisions
26% of vehicle KSI

12 KSI collisions
10% of bicycle KSI

74 KSI collisions
31% of pedestrian KSI
posted speed 35+ mph
**DEFINITION**

all modes on streets with posted speed 35+ mph

**COLLISION STATS**

487 KSI collisions | 66% of KSI collisions

- **258 KSI collisions**
  - 67% of vehicle KSI

- **70 KSI collisions**
  - 60% of bicycle KSI

- **160 KSI collisions**
  - 68% of pedestrian KSI
bik collisions on 30+ mph streets
bicycle collisions on streets with posted speed 30+ mph

100 KSI collisions | 14% of KSI collisions

85% of bicycle KSI
PROFILE 5

broadside bike collisions
bicycle collisions

collision type = broadside

51 KSI collisions | 7% of KSI collisions

- 21 at signals
- 30 not at signals

44% of bicycle KSI
PROFILE 6

driver turning (bike/ped collisions)
pedestrian or bicycle collisions

driver making left or right turn

58 KSI collisions | 8% of KSI collisions

33 left turn
25 right turn

26 KSI collisions
22% of bicycle KSI

32 KSI collisions
14% of pedestrian KSI
collisions in commercial areas
pedestrian or bicycle collisions within 500 feet of retail or recreation commercial land use

200 KSI collisions | 27% of KSI collisions

- 55 KSI collisions | 47% of bicycle KSI
- 146 KSI collisions | 62% of pedestrian KSI
60+ year old pedestrians
pedestrian collisions

victim is 60+ years old

70 KSI collisions | 9% of KSI collisions

30% of pedestrian KSI
pedestrian crossing outside of an intersection and crosswalk
pedestrian collisions
pedestrian crossing not in crosswalk
more than 100 feet from intersection

53 KSI collisions | 7% of KSI collisions

22% of pedestrian KSI
pedestrian collisions near transit stops
DEFINITION
pedestrian collisions within 200 feet of light rail station or bus stop

COLLISION STATS
128 KSI collisions | 17% of KSI collisions

54% of pedestrian KSI
COUNTERMEASURES
PEDESTRIAN COUNTERMEASURES

Source: Leo Suarez, youtube.com