Safety Leadership Symposium and Workshop Series

Energy and Environment Committee

Hina Chanchlani
Transportation Planning and Programming
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www.scag.ca.gov

Existing Conditions

1,500 people die every year from collisions
5,200 people sustain serious injuries every year from collisions
136,000 people sustain injuries every year from collisions
270 collisions occur per day on the streets that is roughly 99,000 per year
What are the overall trends?

Number of Fatalities (Victims) & Serious Injuries

Where are Collisions occurring?

- **90%** of all collisions are occurring in urban areas.
- **22%** of all collisions are occurring on highways.
- **71%** of all collisions are occurring on local roads.

- **65%** of fatalities and serious injuries in the region occur on less than 1.5% of the roadway network.
- Two-thirds of HIN is in Disadvantaged Communities.
Why are Collisions occurring?

The top contributing factor of all collisions is unsafe speed.

Speed is the critical factor in the severity of collisions.

HIT BY A VEHICLE TRAVELING AT 25 MPH
- 9 out of 10 pedestrians survive

HIT BY A VEHICLE TRAVELING AT 50 MPH
- 2.5 out of 10 pedestrians survive

Why are Collisions occurring?

THE TOP THREE CONTRIBUTING FACTORS FOR ALL COLLISIONS
1. Unsafe Speed (30%)
2. Automobile Right-of-Way (18%)
3. Improper Turning (12%)

THE TOP THREE CONTRIBUTING FACTORS FOR FATAL COLLISIONS
1. Improper Turning (20%)
2. Pedestrian Violation (18%)
3. Unsafe Speed (17%)

THE TOP THREE CONTRIBUTING FACTORS FOR SERIOUS INJURIES
1. Unsafe Speed (19%)
2. Improper Turning (16%)
3. Driving or Bicycling Under the Influence of Alcohol or Drugs (14%)
Who is being hurt?

- **Fatalities (VICTIMS)**
  - Auto 51%
  - Motorcycle 17%
  - Bicyclist 5%
  - Pedestrian 29%

- **Serious Injuries (VICTIMS)**
  - Auto 51%
  - Motorcycle 22%
  - Bicyclist 7%
  - Pedestrian 19%

27% OF ALL DEATHS INVOLVE PEOPLE WALKING OR BICYCLING

42% OF ALL TRAFFIC COLLISION VICTIMS ARE PEOPLE 18-34

26% OF ALL PEDESTRIAN-RELATED FATALITY VICTIMS ARE 65 OLDER

How SCAG is Promoting Safety: Traffic Safety Symposium

- Encourage collaboration among local elected officials to support collision-reducing strategies
- Inform elected officials and high-level practitioners about traffic safety issues and solutions in the region
- Motivate action at the local level through the SCAG Safety Pledge
- Top 3 takeaways
  - Data reveals pedestrians and bicycles are disproportionately impacted by crashes
  - Creative outreach campaigns can motivate people and influence their behavior
  - Data alone is not enough to produce equitable outcomes - robust community engagement is required
Take the Safety Pledge! (June 2019)

Commit to Safety

Learn more about the SCAG Safety Pledge to design and build safer streets that promote walking, biking, and community connection.

https://scag.wufoo.com/forms/scag-safety-pledge/

Attend a Training Workshop

SCAG Pledge Toolkit

Receive the following resources from SCAG below:

- Sample resolution
- Sample Social media
- Newslatter content
- Workshop and Webinar series (July-August, 2019)
- SCAG Go Human Media Resources
- Kit of Parts Demonstration Materials
Safety Pledge

Depending on the unique needs of your community:

• Adopt a vision zero plan
• Host a pop-up safety demonstration project
• Implement safety outreach campaign

Benefits & Resources Available to Safety Pledge Makers

• Co-Branded Advertising Campaign Materials (bus shelters, billboards, lawn signs, etc.)
• Go Human Challenge Stations & Modules
• Go Human Kit of Parts (Resource for pop-up safety demonstration projects)
  • Available August 2019
• SCAG to deploy temporary design treatments with City partners, including:
  • Protected Bike Lanes
  • Parklets
  • Mid-Block Crosswalks
  • Pedestrian Refuge Islands
  • Bulb-Outs
Why Utilize the Kit of Parts to Promote and Build Safer Streets?

https://youtu.be/08vaW8fYodg?t=11

Safety Targets

- Safety Targets – aligns with SHSP
- Reduce Fatalities by 3% and Serious Injuries by 1.5% annually

<table>
<thead>
<tr>
<th>Forecasted Reductions</th>
<th>Single Yr</th>
<th>Baseline 5-Year Rolling average</th>
<th>State methodology applied (5 Year Rolling Average)</th>
<th>Caltrans Targets 2019</th>
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</thead>
<tbody>
<tr>
<td>Number of Fatalities</td>
<td>1505</td>
<td>1403</td>
<td>1467</td>
<td>1445.4</td>
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<tr>
<td>Rate of Fatalities per 100 M VMT</td>
<td>0.906</td>
<td>0.88</td>
<td>0.895</td>
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<td>Number of Serious Injuries</td>
<td>6186</td>
<td>5044</td>
<td>5552</td>
<td>12688.1</td>
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<td>Rate of Serious Injuries per 100 M VMT</td>
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<td>3.162</td>
<td>3.366</td>
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<td>Total Number of Non-motorized</td>
<td>2118</td>
<td>2046.4</td>
<td>2133</td>
<td>1949.8</td>
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</tbody>
</table>

* In all cases, referring to victims, not collisions
**2016 data was updated after establishing targets for 2018 so updated data is used to establish targets for 2019
***2017 Numbers are preliminary
Safety Plan – Strategies

• Reduce aggressive driving and speeding
• Improve safety for aging population
• Improve bicyclist safety
• Improve commercial vehicle safety
• Reduce distracted driving
• Ensure drivers are licensed
• Improve emergency response services
• Improve data collection techniques
• Reduce impaired driving fatalities
• Improve pedestrian safety

Next steps

• Connect SoCal Plan 2020
Thank you!

Hina Chanchlani
chanchlani@scag.ca.gov
(213) 236-1829
www.scag.ca.gov