OUTLINE

1 Vulnerable Populations of People Walking

2 Vision Zero

3 Strategies to Equitable Implementation

Photo: Alex Powell
Vulnerable Populations of People Walking
GEOGRAPHY

Heat Map of Pedestrian Fatalities in the City of Chicago

Data: IDOT 5 years (2012-2016)
Kernel Density function
Heat Map of Pedestrian Fatalities and Serious Injuries in the City of Chicago

Data: IDOT 5 years (2012-2016)
Kernel Density function excluding Central Business District
Pedestrian Fatality & Serious Injury Rate for the City of Chicago: 82.87 per 100,000

Data: IDOT 5 years (2012-2016)
AGE

Age of persons involved in Fatal Pedestrian Crashes in Chicago
Jan 2018 – Apr 2019

Equity in Pedestrian Safety | Siddharth Shah
Race of victims in Fatal Pedestrian Crashes in Chicago
Jan 2015 – Dec 2016

Data: Chicago Department of Public Health

<table>
<thead>
<tr>
<th>Race</th>
<th>People killed while walking</th>
<th>Population of Chicago</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hispanic</td>
<td>27.78%</td>
<td>29.01%</td>
</tr>
<tr>
<td>Asian</td>
<td>5.56%</td>
<td>6.17%</td>
</tr>
<tr>
<td>Black</td>
<td>44.44%</td>
<td>30.13%</td>
</tr>
<tr>
<td>White</td>
<td>32.70%</td>
<td>22.22%</td>
</tr>
</tbody>
</table>
Vision Zero
WHAT IS VISION ZERO?

Vision Zero is both the commitment and the approach to eliminating death and serious injury from traffic crashes.
CORE PRINCIPLES

- A traffic crash is not an “accident”, but a predictable and preventable occurrence.

- No traffic related death is acceptable when the tools exist to prevent the conditions and behaviors that lead to these tragedies.

- Adopt policies and technologies and build partnerships that prioritize traffic safety.

- Both the public and government share responsibility to improve safety.
METHODS

- Collecting and using data to prioritize limited City resources towards successful and effective approaches.

- Choosing effective street designs that prioritize safety.

- Identifying and preventing the most dangerous roadway behaviors.

- Working with community leaders and all Chicagoans to educate on safe roadway behaviors.
Equitable Implementation
INVESTING EQUITABLY

Vision Zero Chicago Action Plan:
Focus on High Crash Locations
INVESTING EQUITABLY

- Develop community-led crash reduction plans for each High Crash Areas

- Utilize data to prioritize investments in street design, education and outreach, technology, and police engagement

- Leverage safety infrastructure improvements as an opportunity for additional community investment, safety awareness, and economic development activities
INVESTING EQUITABLY

- Develop community-led crash reduction plans for each High Crash Areas

- Utilize data to prioritize investments in street design, education and outreach, technology, and police engagement

- Leverage safety infrastructure improvements as an opportunity for additional community investment, safety awareness, and economic development activities
THANK YOU!

Questions?

sshah@samschwartz.com