

# EQUITY IN PEDESTRIAN SAFETY

Transport Chicago 2019

June 14, 2019



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# OUTLINE

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## Equity in Pedestrian Safety

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**1** Vulnerable Populations of People Walking

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**2** Vision Zero

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**3** Strategies to Equitable Implementation

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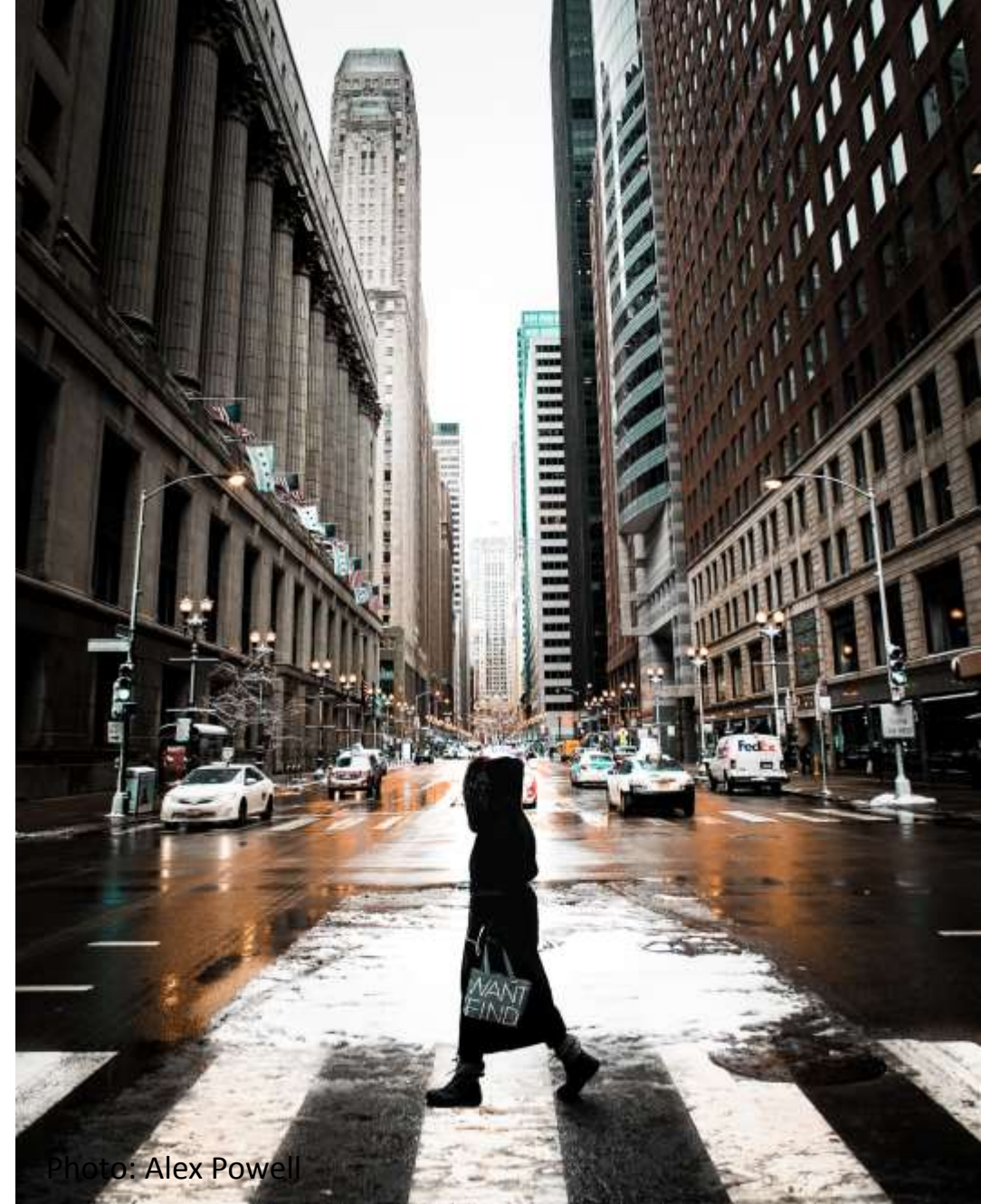


Photo: Alex Powell

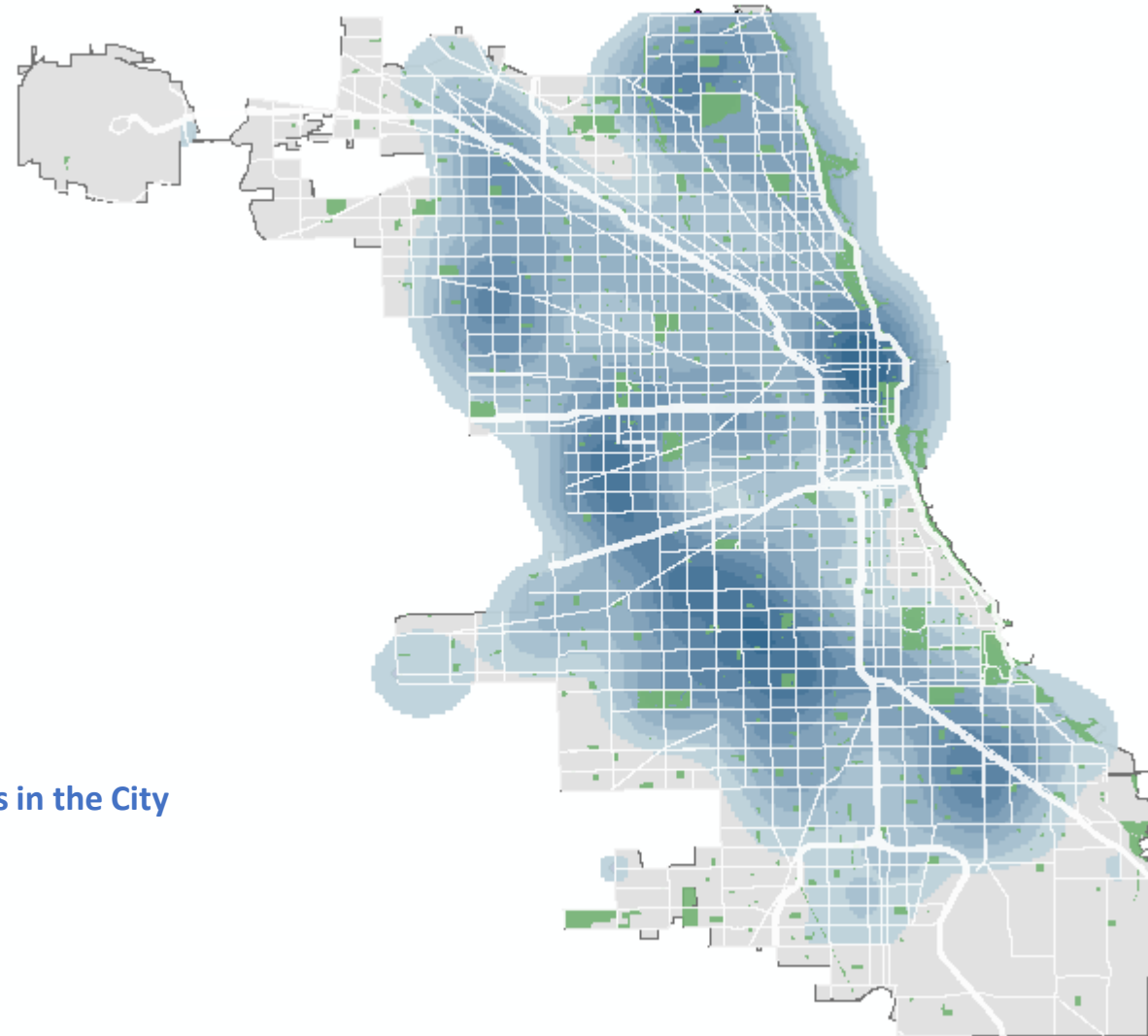
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## Vulnerable Populations of People Walking

# 1

# GEOGRAPHY

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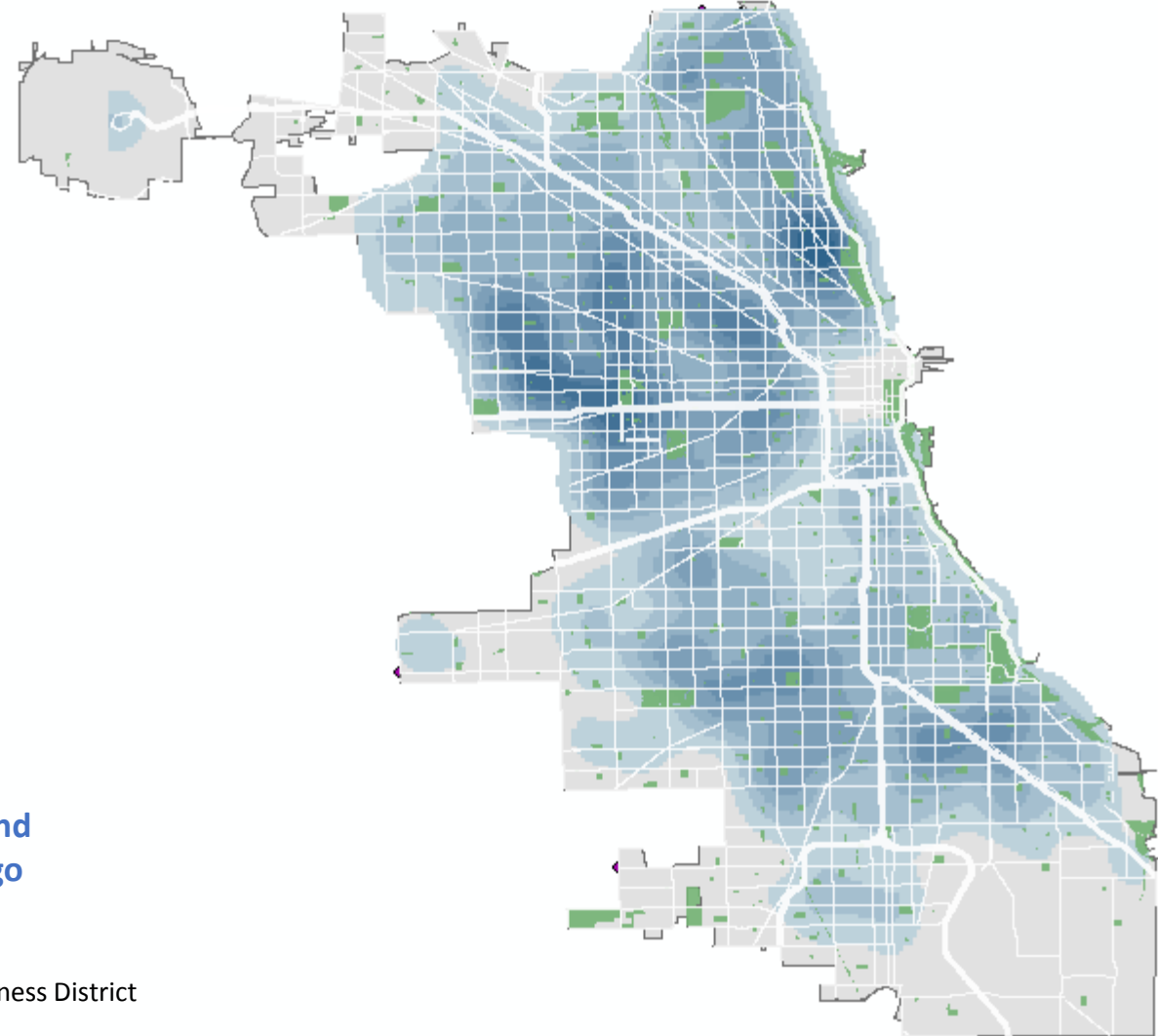


**Heat Map of Pedestrian Fatalities in the City of Chicago**

Data: IDOT 5 years (2012-2016)  
Kernel Density function

# GEOGRAPHY

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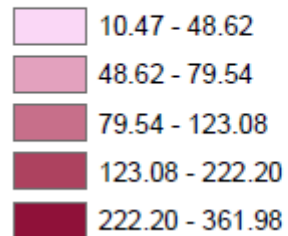


**Heat Map of Pedestrian Fatalities and Serious Injuries in the City of Chicago**

Data: IDOT 5 years (2012-2016)  
Kernel Density function excluding Central Business District

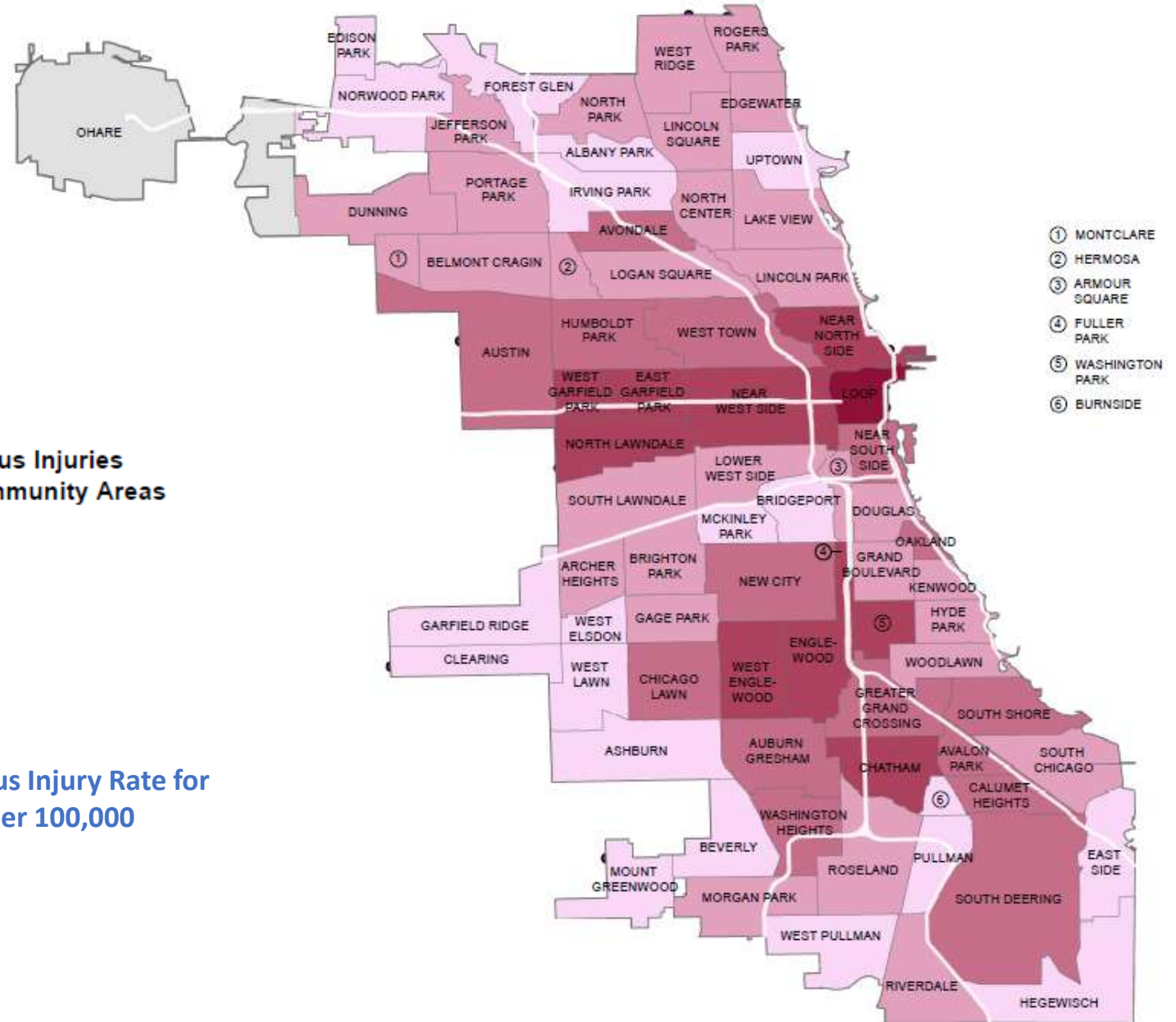
# GEOGRAPHY

**Pedestrian Fatalities & Serious Injuries per 100,000 residents in Community Areas**



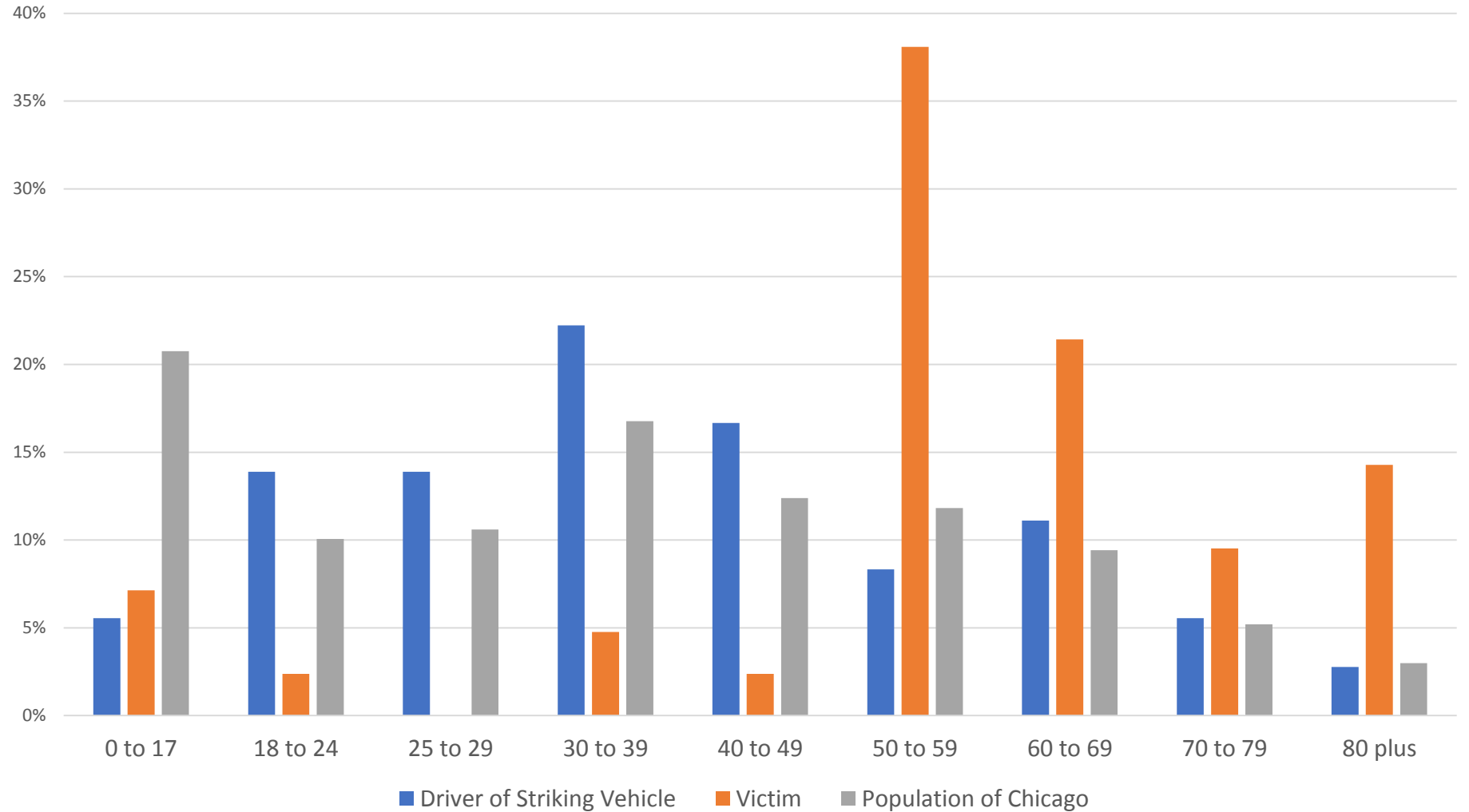
**Pedestrian Fatality & Serious Injury Rate for the City of Chicago: 82.87 per 100,000**

Data: IDOT 5 years (2012-2016)

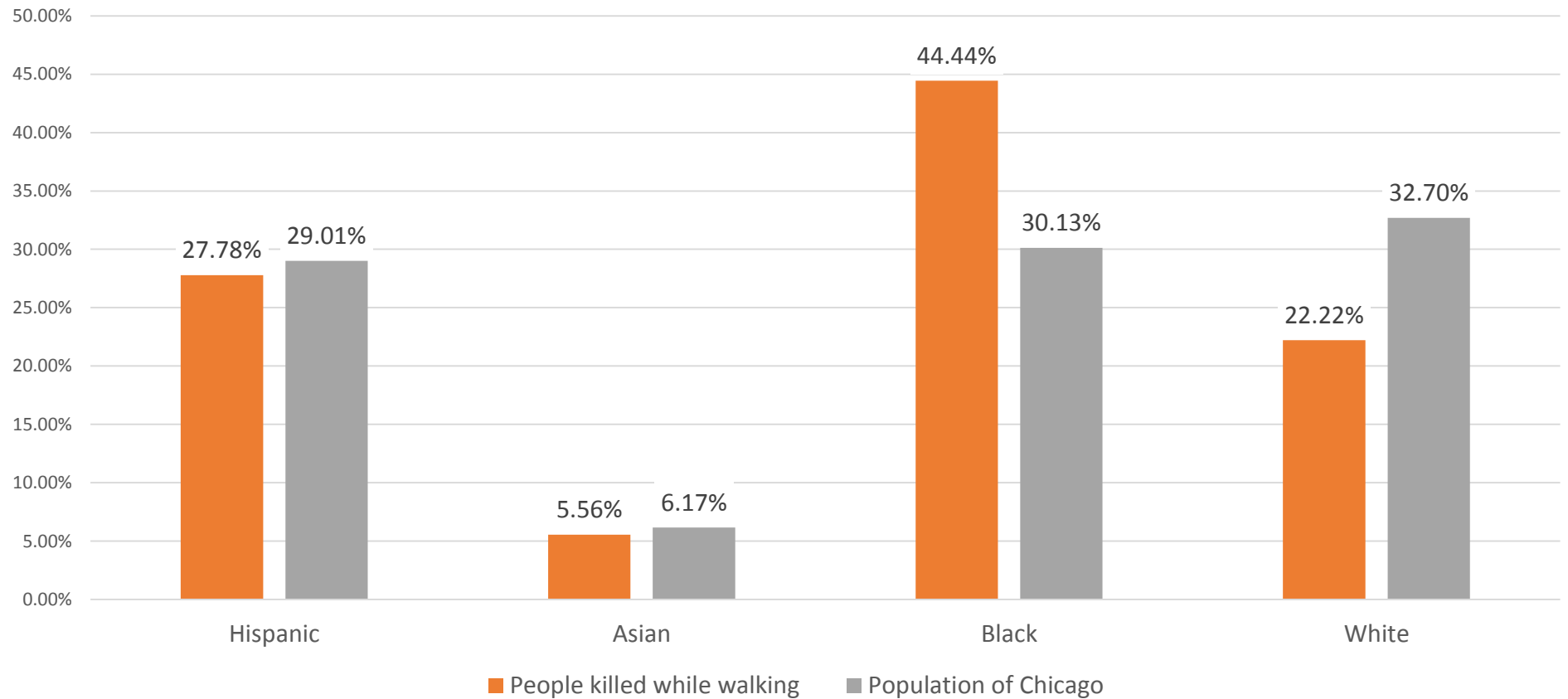


# AGE

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



# RACE



Race of victims in  
Fatal Pedestrian  
Crashes in Chicago

Jan 2015 – Dec 2016

Data:

Chicago Department of Public Health



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Vision Zero

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# WHAT IS VISION ZERO?

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

# CORE PRINCIPLES

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- **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

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- **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.**

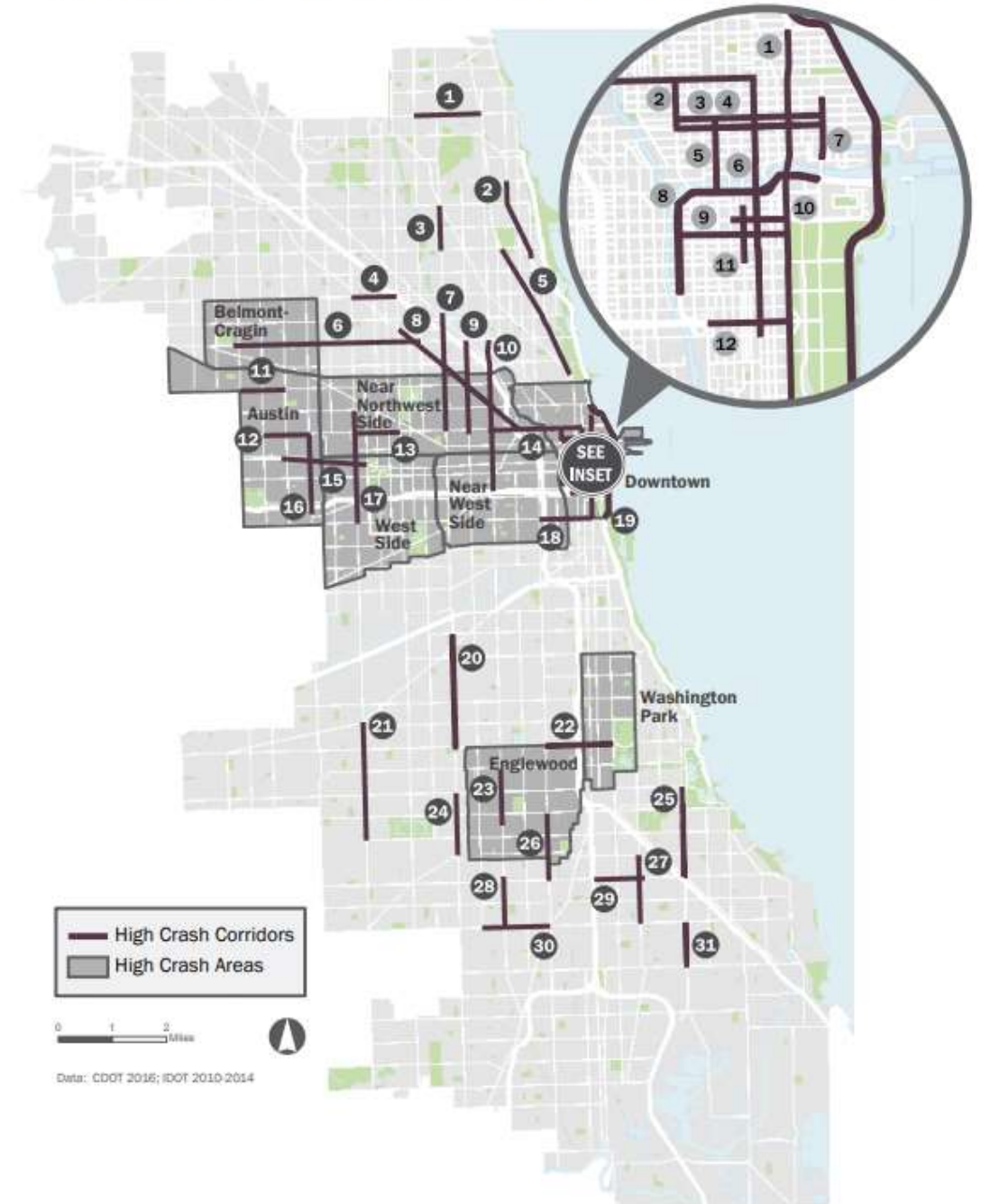
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Equitable Implementation

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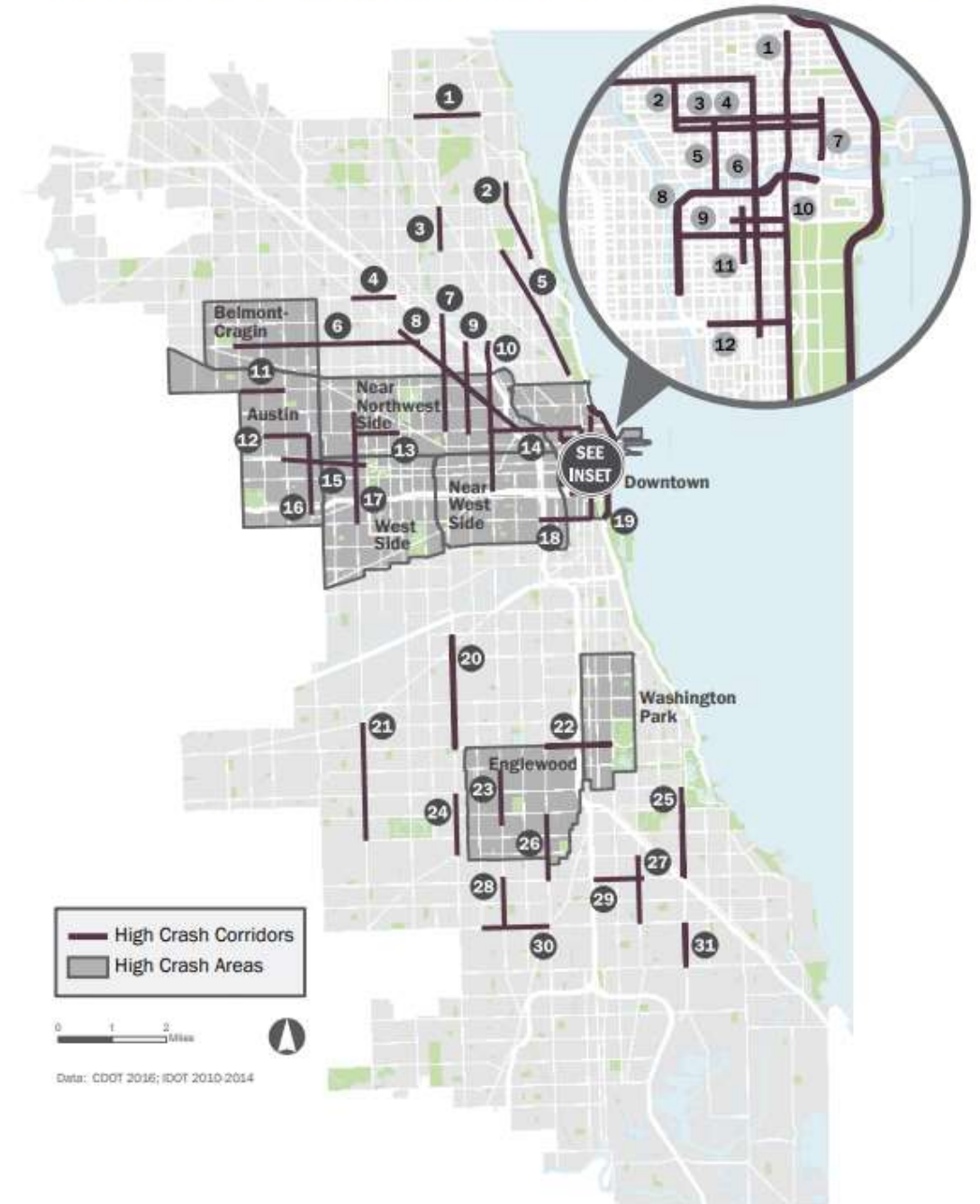
## INVESTING EQUITABLY

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

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- **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!

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Questions?



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