### Lifesavers Conference

Chicago, IL

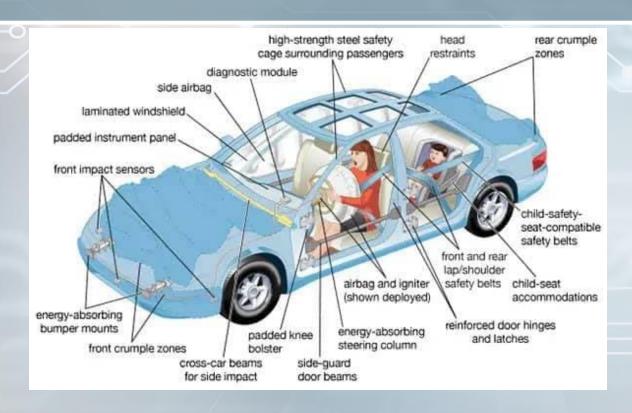
Pedestrian and Bicyclist Safety is an Equity Issue



#### Neal A. Johnson

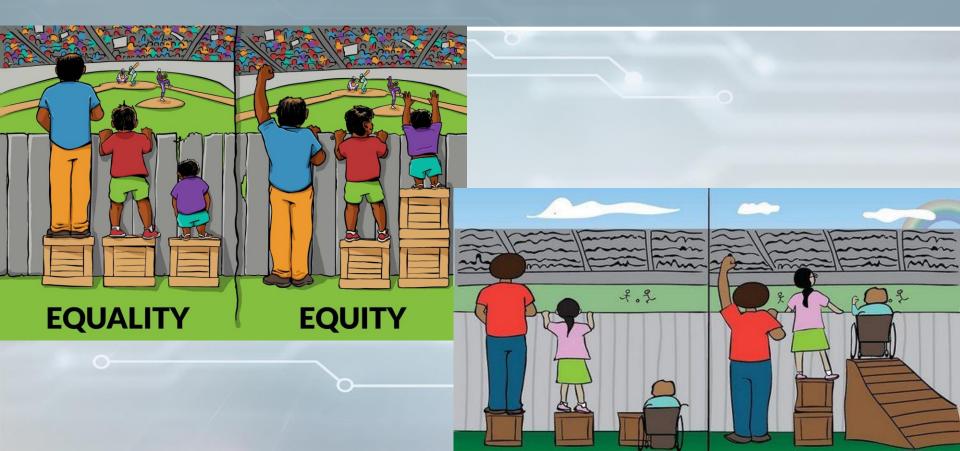
Associate Transportation Researcher
Behavioral Research Program
Center for Transportation Safety

#### Safety for Drivers vs. Safety for Pedestrians





#### **Equality vs. Equity**

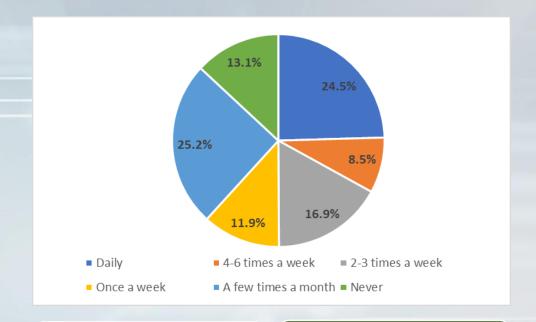


## Pedestrian and Bicycle Survey Results

Sponsored by:

Texas Department of Transportation

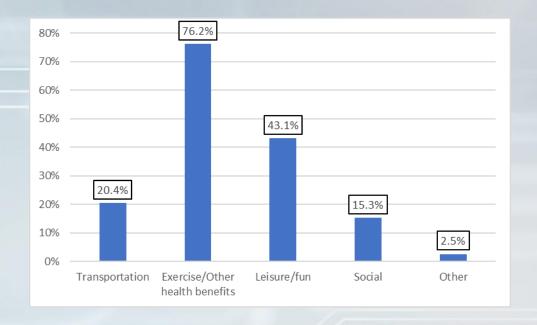
#### How often do you walk on public roads/side walks?



Over 60% walk at least once per week

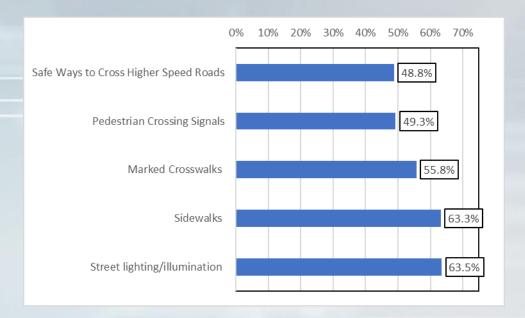
Nearly 87% walk at least a few times a month

# What are the primary reasons you walk?



Who are we designing the pedestrian system for?

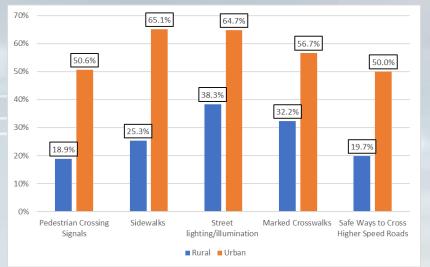
How often are the following pedestrian safety features found along the roads near where you live?

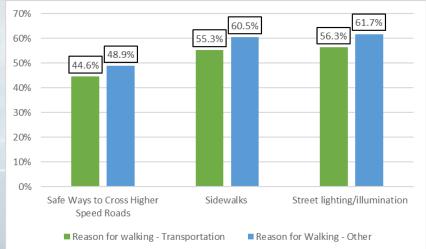


However, we know these things are not evenly distributed.

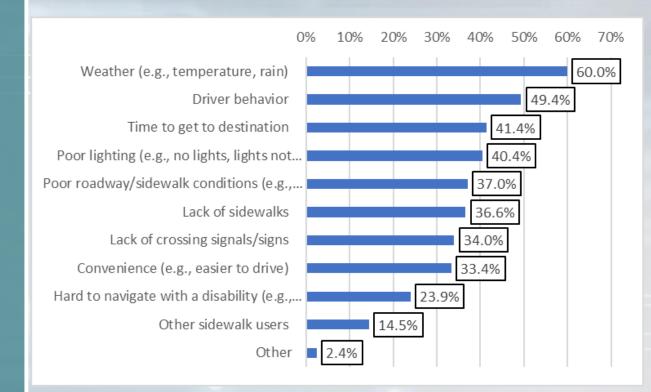
Where do we find/not find them?

## Inequities in Safety Features





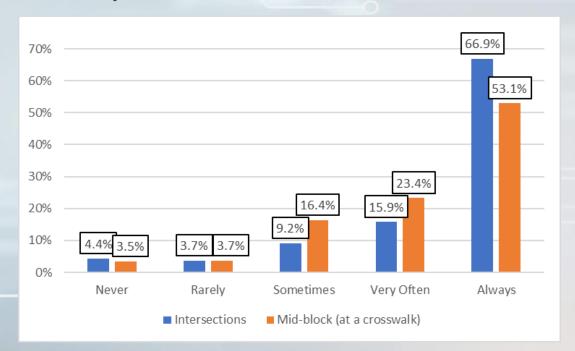
# Which of these is an obstacle to you walking more often?



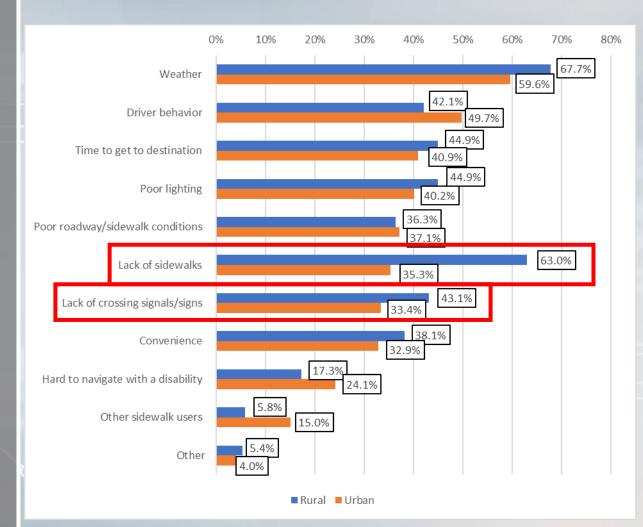
#### Driver Behavior

#### Yielding at Crosswalks

- Overall lower driver yielding at mid-block locations
  - Always 66.9% Intersections vs. 53.1% Midblock
  - Very Often & Sometimes 25.1% vs. 39.8%



## Inequities in Obstacles



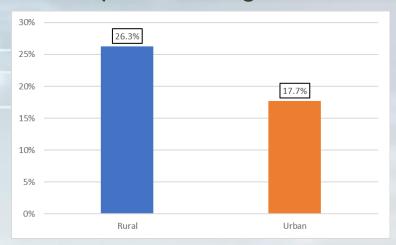
### Familiarity with Laws

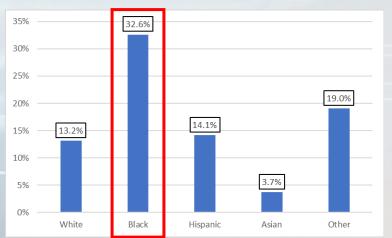


- 58.4% reported being at least moderately familiar with pedestrian and bicycle related laws
- What about the 18.1% who reported not being familiar with the laws?

## Inequities in Familiarity

#### % that reported being unfamiliar









#### **Texas A&M Transportation Institute** (Austin Office)

505 E. Huntland Dr., Suite 455 Austin, TX 78752 neal-johnson@tti.tamu.edu 512-407-1126

#### Follow us on social media







