

Pedestrian and bicycle safety: Progress and needs

Minnesota Senate Transportation Committee
February 8, 2023

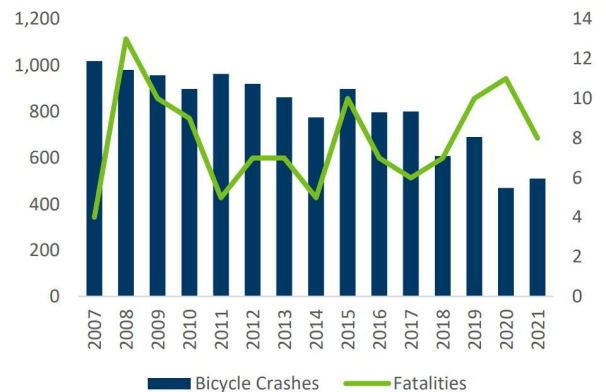


Pedestrian deaths rising; bicycle crashes decreasing

MN pedestrian crash trends

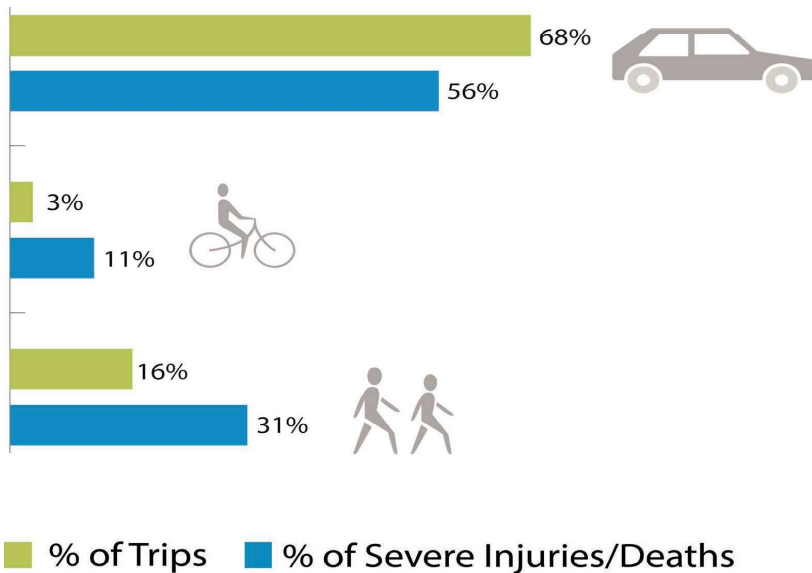


MN bicycle crash trends



Source: Minnesota Department of Public Safety. 2021 Crash Facts

People walking and biking more impacted by crashes in Minneapolis



Source: City of Minneapolis. 2022 Vision Zero Crash Study

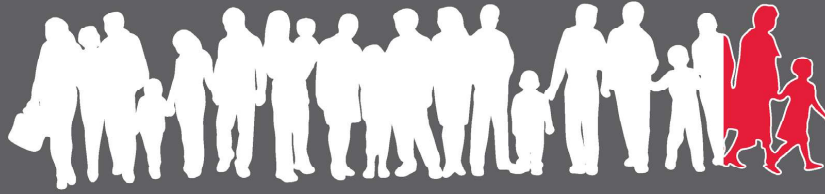
Top factors in walking and biking crashes in Minneapolis

- Drivers not yielding when turning
- People crossing midblock
- Red light running
- Drivers speeding
 - Speeding is the #1 factor in all traffic deaths

Source: City of Minneapolis. 2022 Vision Zero Crash Study

RISK TO PEDESTRIANS INCREASES AS DRIVER SPEED INCREASES

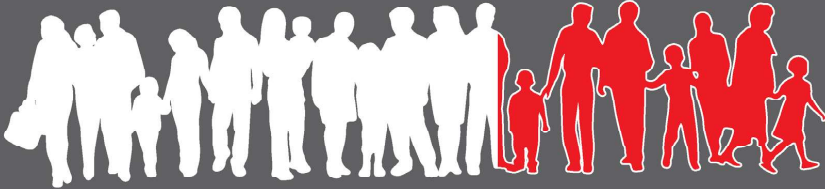
20
mph



13%

OF PEDESTRIANS WILL DIE OR
SUFFER A SEVERE INJURY IF
HIT BY A VEHICLE AT 20 MPH

30
mph



40%

OF PEDESTRIANS WILL DIE OR
SUFFER A SEVERE INJURY IF
HIT BY A VEHICLE AT 30 MPH

40
mph



73%

OF PEDESTRIANS WILL DIE OR
SUFFER A SEVERE INJURY IF
HIT BY A VEHICLE AT 40 MPH

Source: Brian T. Tefft, 2013. Impact of speed on a pedestrian's risk of severe injury or death.

Minneapolis Vision Zero

Goal:

Zero traffic deaths and severe injuries
on City streets

Key strategies to improve safety:

- Make proven safety improvements on high crash streets
- Lower speed limits
- Reduce dangerous speeding with street designs
- Speed safety camera pilot
- Vehicle safety standards



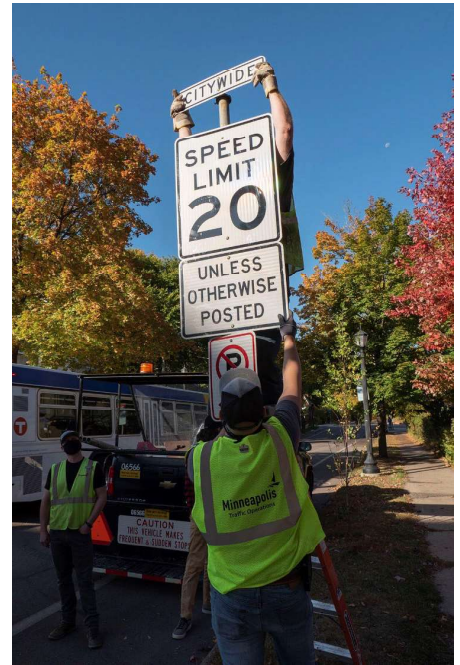
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Minneapolis
City of Lakes

VISION
ZERO
SAFE PEDESTRIAN AND BICYCLIST
ENVIRONMENT

Opportunities to improve safety

- Support more proactive street safety improvements
 - Safe Routes to School
 - Federal Safe Streets for All grant program
- Enable speed safety cameras
- Prioritize safety in transportation decision making



Thank you

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