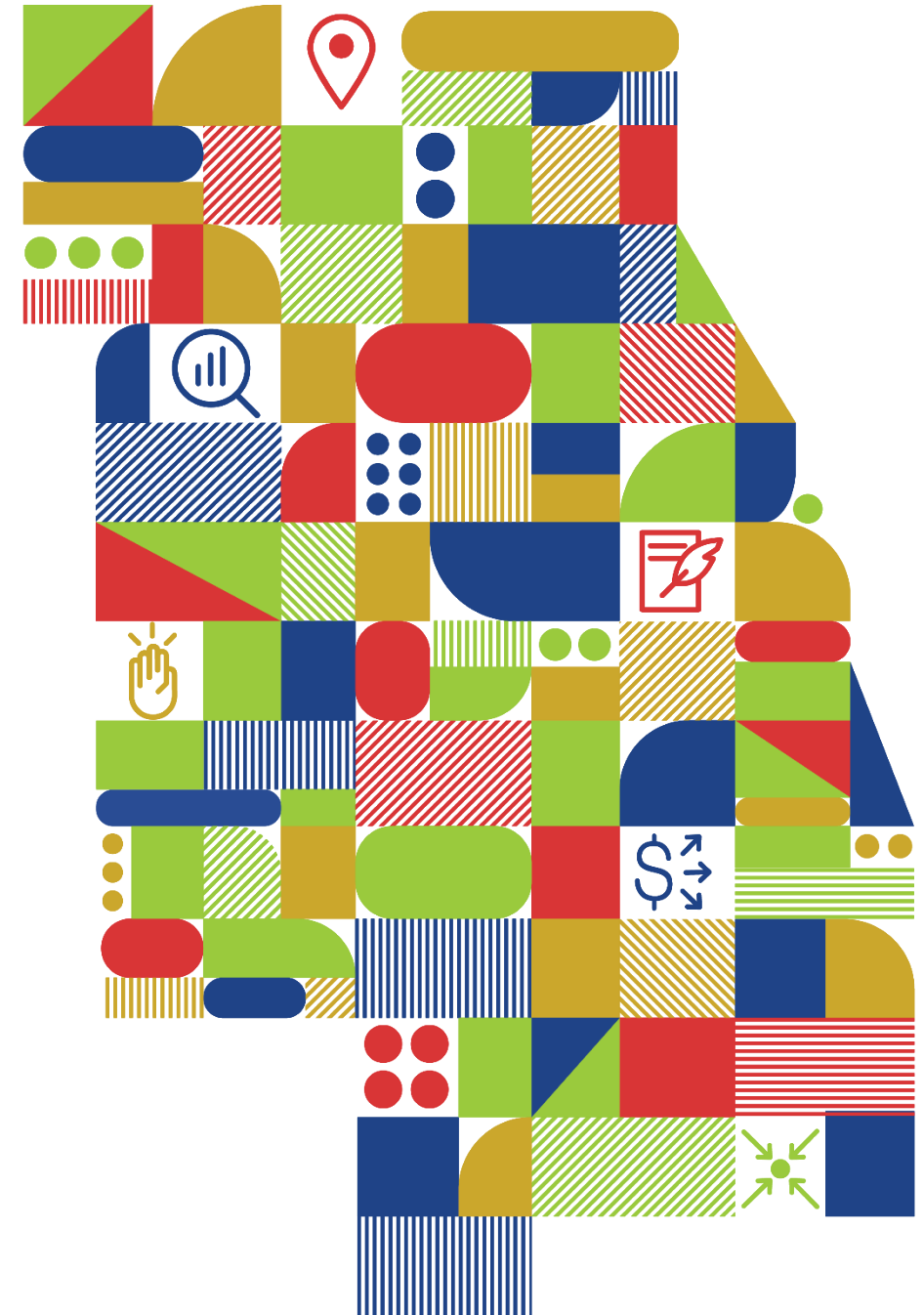




# Regional Traffic Safety Resource Group Update

Transportation Committee  
July 16, 2021

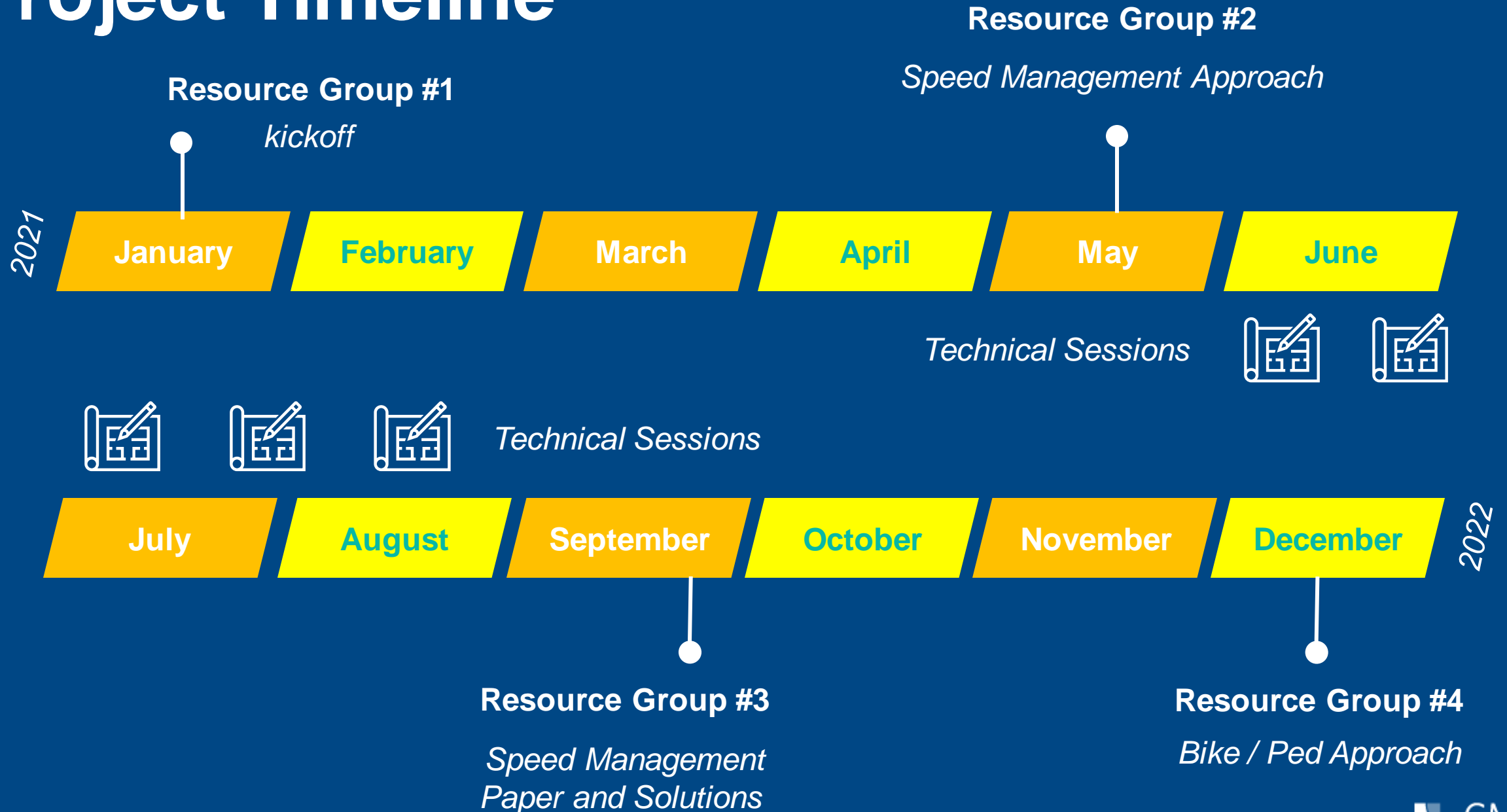


# Regional Traffic Safety Action Agenda

## Mission Recap

- Address long-term regional traffic safety in a comprehensive, equitable, data-driven, and collaborative way
- Center the work around ON TO 2050 guiding principles, CMAP's core values, and our ability to implement
- Support and amplify the work of our partners efficiently and effectively
- Develop long-term regional traffic safety coalition

# Project Timeline



# Safety Action Agenda Update

- In Practice: Local Technical Assistance projects
- Outreach, engagement and media
  - Weekly articles
  - CMAP Talks: Complete Streets: Safe by Design
  - Presentations to partners and committees
  - Coming soon: safety webpage
- Data: Regional speed data
- People: Resource Group, partner meetings, summer intern

# Policy Paper

## *Improving Regional Travel Safety through Speed Management*

- Equity lens
- Process
- Partners
- Evaluation

\*Framed by ONTO 2050 Principles:

- Inclusive growth
- Resilience
- Prioritized investment

Approaches to Speed Management\*

Design/  
Engineering

Operations  
and  
technology

Policies and  
legislation

Education &  
Awareness

Enforcement  
practices

# State of the Practice: Speed Management

- Leading examples
- Neither conclusive nor exhaustive; general sense of possibilities and direction
- Guide and hone our research and analysis
- Expect new ideas to emerge
- Eye towards implementation

# In the news

NEWS

More people died on Illinois roads last year than since 2007. pandemic to blame?

**45% increase in people struck and killed while walking**  
The last four years were the most deadly in three decades

**NATIONAL TRANSPORTATION SAFETY BOARD**

HOME NEWS & EVENTS SAFETY ADVOCACY INVESTIGATIONS DISASTER ASSISTANCE

Home > Safety Advocacy > Most Wanted List > Protect Vulnerable Road Users Through a Safe System Approach

**Protect Vulnerable Road Users Through a Safe System Approach**

2021-2022 NTSB MOST WANTED LIST OF TRANSPORTATION SAFETY IMPROVEMENTS

## You're Driving Too Damn Fast

A new report shows it's not texting, drunken drivers, teenagers or jaywalkers causing Portland's epidemic of pedestrian deaths. It's speed.

**STREETSBLOG CHICAGO**

Donate / Contact / About Us / Newsletter

New data shows Chicago's speed cameras are effective in preventing traffic deaths

By John Greenfield | Mar 4, 2021 | 34 COMMENTS

## New York City Transportation Officials Propose 24/7 Camera Operations To Combat Apparent Speeding Epidemic

By CBSNewYork Team December 22, 2020 at 6:13 pm Filed Under: Kiran Dhillon, Local TV, NYC Department of Transportation, NYPD



UNCATEGORIZED

2018 TRAFFIC CALMING

## In Transit: With fewer cars on the roads in 2020, why did more people die in crashes?



**The Washington Post**  
Democracy Dies in Darkness

Business Pfizer coronavirus vaccine revenue projected to hit \$26 billion in 2021 with...  
National **Live updates:** Covid-19 live updates: India cracks 20 million coronavirus cases as infecti...  
PostEverything • Perspective Yes, it's legal for businesses and schools to require you to get a coronavi...  
The Fix • Analysis The worst coronavirus predictions  
Health Officials grapple with coronavirus vaccine hesitancy among Latino evangelic...  
National **Live update** shortage to last manufacturer v

Coronavirus U.S. map World map Vaccine tracker Vaccine FAQ Variants FAQ A pandemic year Coronavirus Living

Transportation

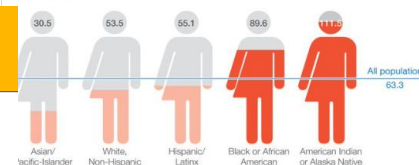
## The coronavirus pandemic emptied America's roadways. Now speeders have taken over.

Secretary Pete Buttigieg  
@SecretaryPete

These disparities are awful, but we know how to fix them. It's time to reverse these patterns of exclusion and invest in safer, equitable streets.  
[smartgrowthamerica.org/dangerous-by-d...](https://smartgrowthamerica.org/dangerous-by-d...)

### The burden is not shared equally

Relative pedestrian danger by race and ethnicity (2010-2019)



FEBRUARY 6, 2020 | BY LEAH SHAHUM  
IN PRESS, NEWS, SAFETY OVER SPEED

## Momentum Grows to Modernize Speed-Setting Practices for Safety with Release of California Report

FOR IMMEDIATE RELEASE

Media Contact: Leah Shahum, Director, Vision Zero Network



# Design Example: Self-enforcing streets

- FHWA: A self-enforcing road (“self-explaining”) is a roadway that is planned and designed to encourage drivers to select operating speeds in harmony with the posted speed limit
- Countermeasures: design (ex. pedestrian refuges) and information (ex. speed feedback loops)
- Leverage design to minimize reliance on enforcement
- See also: complete streets, traffic-calming



Photo credit: Jim Charlier

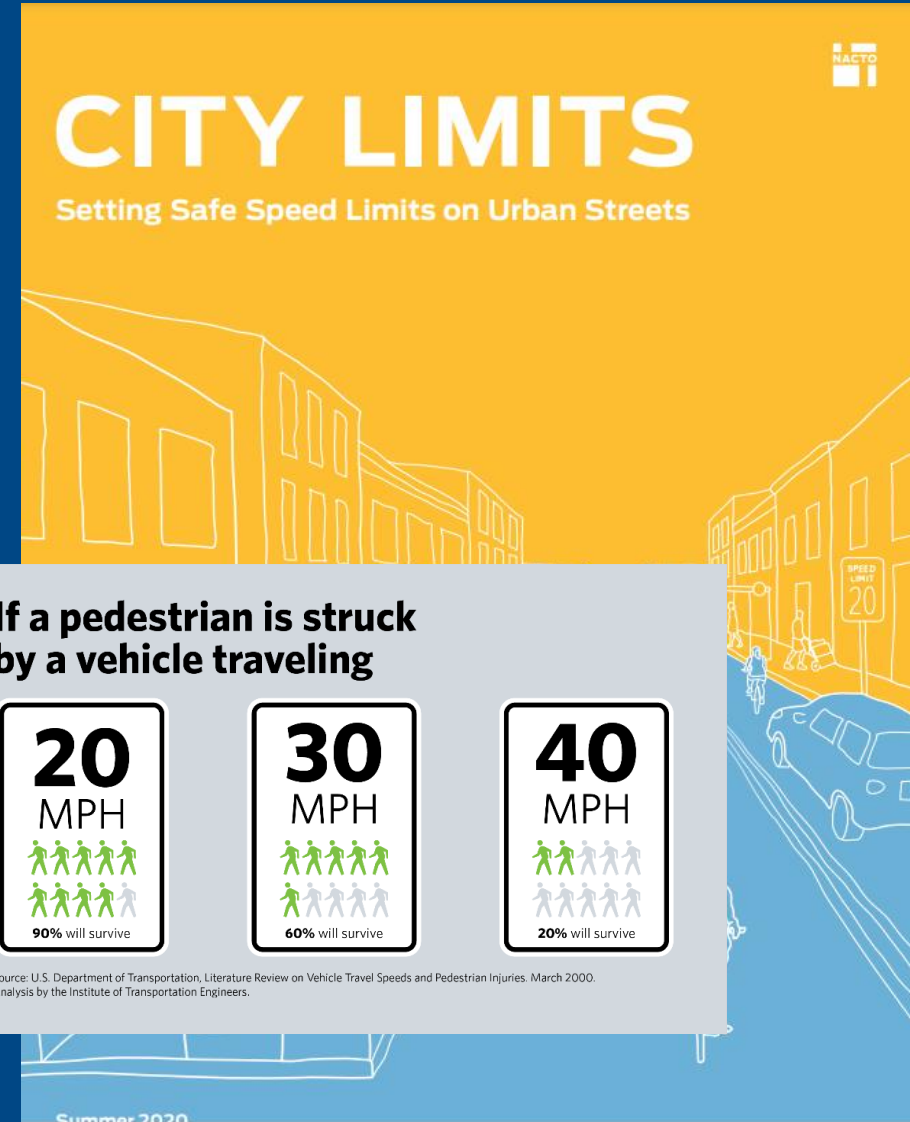


Photo credit: Scott Batson



# Policy Example: Speed Limit Guidance

- Concerted effort to move away from 85<sup>th</sup>-percentile approach
- Coordinate with context and design – target speeds
- Seattle study: reducing speed limits and increasing the frequency of speed limit signage reduced crashes by 20% to 40%



# Education Example: Regional Safety Culture

- Institutionalize & publicize regional safety information
  - Regular reporting on fatalities
  - Regular safety meetings
- Training and technical assistance
- Align with funding opportunities
- Measure performance (before/after)



# Enforcement Example: Automation



Photo: David Wexler for New York Daily News

- NYC “safety cameras” are an experiment-in-progress ~ 1200 speed cameras currently and more to come
- Early data show fewer collisions & rapid decline in average weekly violations after installation
- Different types of communities are seeing success (and use them differently)
- Needs to be analyzed from equity perspective
- Doesn't control for impairment, use of seatbelts, etc.





**What are the most important traffic safety needs in your jurisdiction, community, agency?**





Thank you!

**Victoria Barrett**

[vbarrett@cmmap.illinois.gov](mailto:vbarrett@cmmap.illinois.gov)

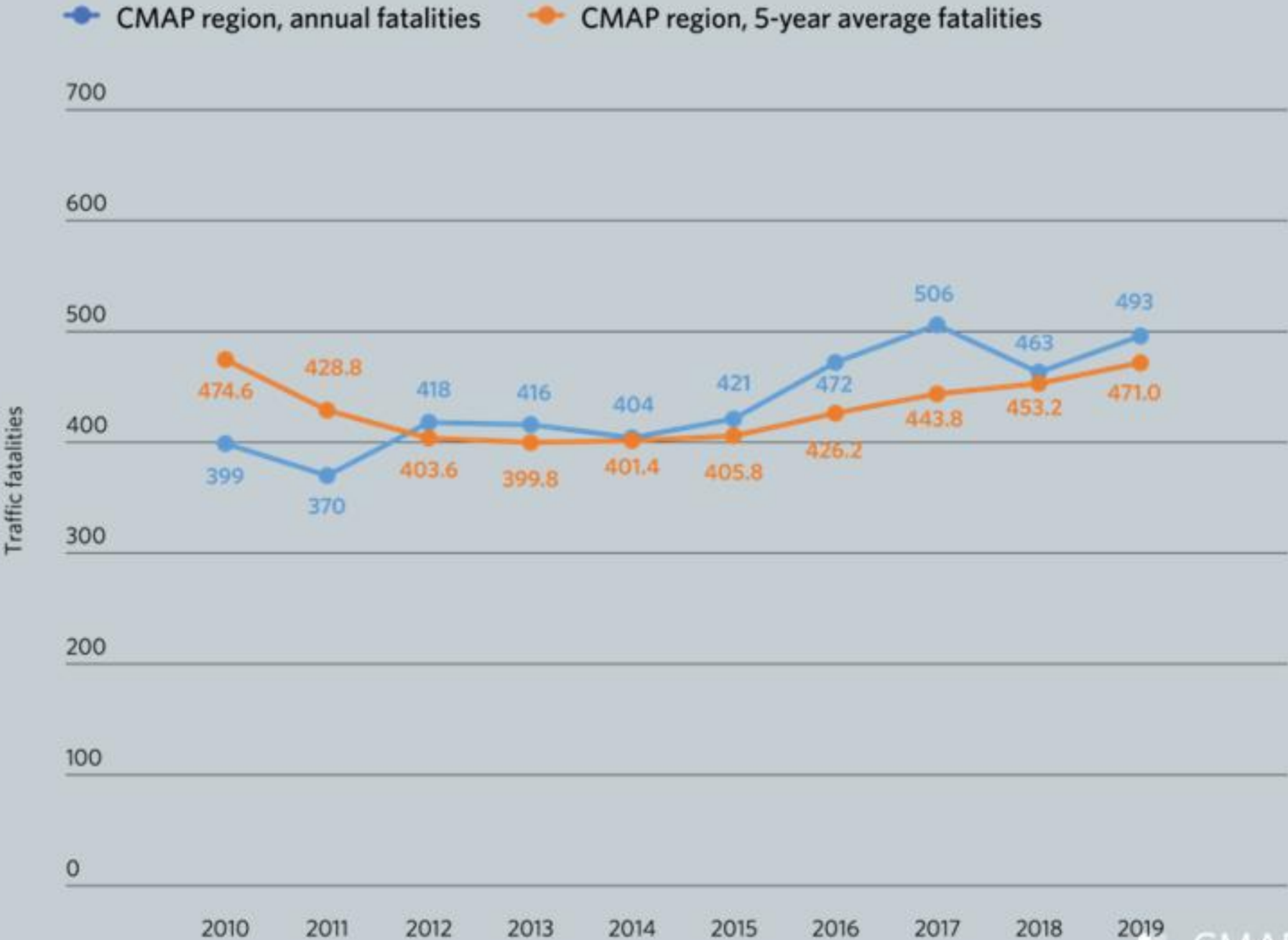
[cmmap.illinois.gov](http://cmmap.illinois.gov)



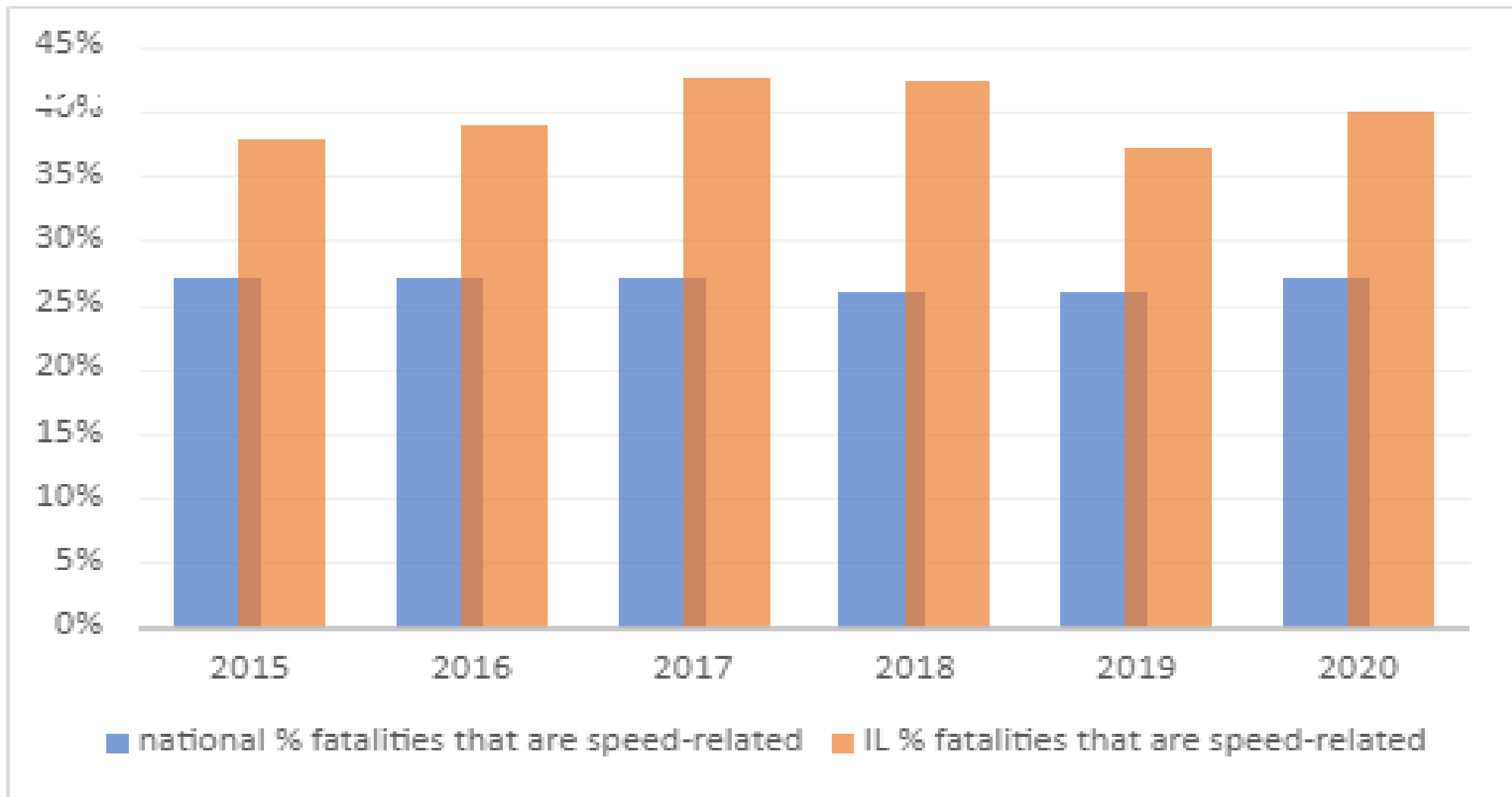
# Key points: Speed Management Discussion

- Address speed management from all the topic areas
- Maximize design, operations, policies and education to reduce reliance on enforcement
- Design (and other) guidance must be context-sensitive
- Develop targeted education efforts for different stakeholders
- Explore data collection programs to measure performance

# Traffic Fatalities in northeastern Illinois



Source: CMAP analysis of crash data obtained from the Illinois Department of Transportation



Speed-related fatalities in the US and IL. Source: FARS