

## 2022 Lifesavers Conference

Prioritizing Biking & Walking: Shifting the Mode Share &  
Capitalizing on Pandemic Changes to Pave the Way

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# Post-pandemic mode shift

Planning for safe, equitable, and  
sustainable mobility options



Photo Credit: David Burke



Chicago Metropolitan  
Agency for Planning



# Chicago Metropolitan Agency for Planning





Photo Credit: David Burke



Metropolitan Chicago freight-related assets

**\$3,000,000,000,000**

roughly the amount of goods that move through our region each year

**10** interstate highways

**6** class 1 railroads

**1.1 Billion Ft<sup>2</sup>**

industrial space

**6th** busiest cargo  
airport in the nation



8457

Metra  
OWNER



A

Photo Credit: David Burke





YEARS OF RUNNING THE DRIVE

Not  
In Service

JACKSON PARK

CHICAGO MARATHON

MBER 25

Howard < 1 min  
Howard 6 min

95/Dan Ryan 9500 S  
06:00W Elevator

95  
95th Dan Ryan  
to Howard

No Smoking

Photo Credit: David Burke



Photo Credit: David Burke



Photo Credit: David Burke



asia on argyle

Photo Credit: David Burke





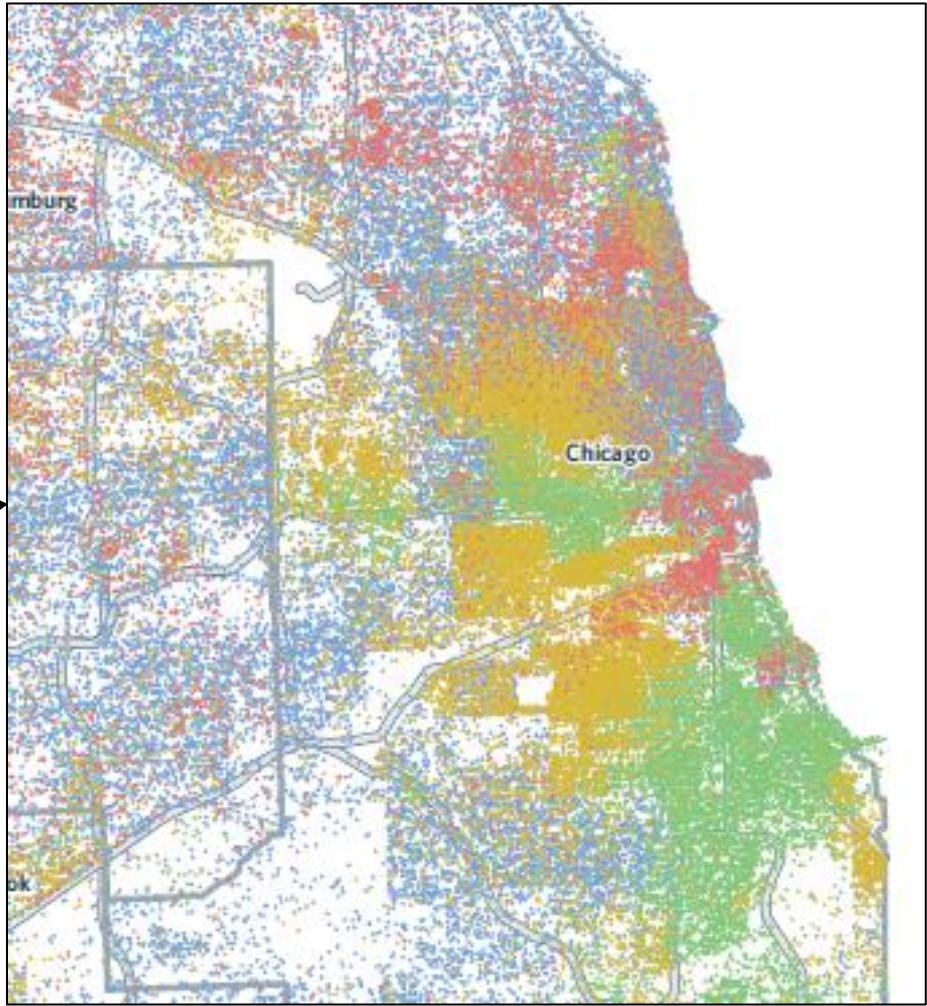
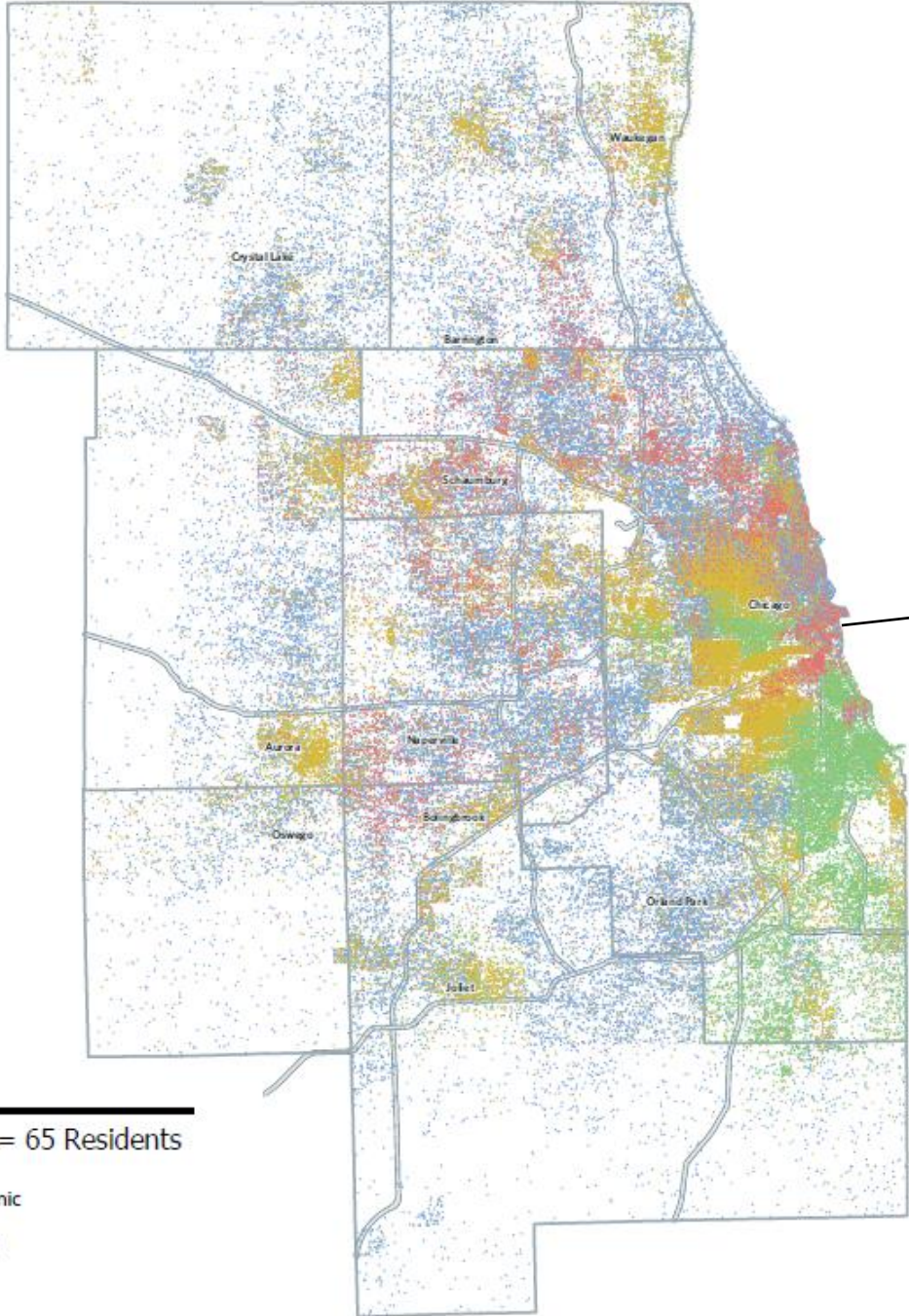
Photo Credit: David Burke



Photo Credit: David Burke







1 Dot = 65 Residents

- Asian
- Hispanic
- Black
- White

Source: Chicago Metropolitan Agency for Planning analysis of U.S. decennial census data 2020

ON

TO

2050

**And then....**





cta bus stop

COVID19  
2015  
THE  
CHICAGO'S  
TEXT ALERTS.

100 YEARS  
MILWAUKEE

100 YEARS  
MILWAUKEE

100 YEARS  
MILWAUKEE

100 YEARS  
DETROIT

100 YEARS  
DETROIT

222 SOUTH RIVERSIDE PLAZA

FIFTH THIRD Ipsos TRADING TECH IBM wework

FIFTH THIRD CENTER

222 RIVERSIDE PLAZA



# PLAYGROUND CLOSED

IN ACCORDANCE WITH EXECUTIVE ORDER IN  
RESPONSE TO COVID-19 EXECUTIVE ORDER NO.8

THIS AREA OF THE PARK  
IS TEMPORARILY CLOSED.  
PLEASE USE ALTERNATE ROUTE

## STOP THE SPREAD OF GERMS

Help prevent the spread of respiratory diseases like COVID-19.

Avoid close contact with people who are sick.



Cover your cough or sneeze with a tissue,  
then throw the tissue  
in the trash.



Clean and disinfect frequently  
touched objects and surfaces.



Avoid touching your eyes, nose, and mouth.



Stay home when you are sick,  
except to get medical care.



Wash your hands often with soap  
and water for at least 20 seconds.



For more information: [www.cdc.gov/COVID19](http://www.cdc.gov/COVID19)



JAMES M.  
**NEDERLANDER**  
T H E A T R E

KEEP CALM &  
WASH YOUR HANDS

NO PARKING  
\$67.00  
LOADING ZONE  
CAMBRIA  
TOW ZONE

15 MINUTES  
STANDING ZONE  
USE  
FLASHING LIGHTS  
TOW ZONE



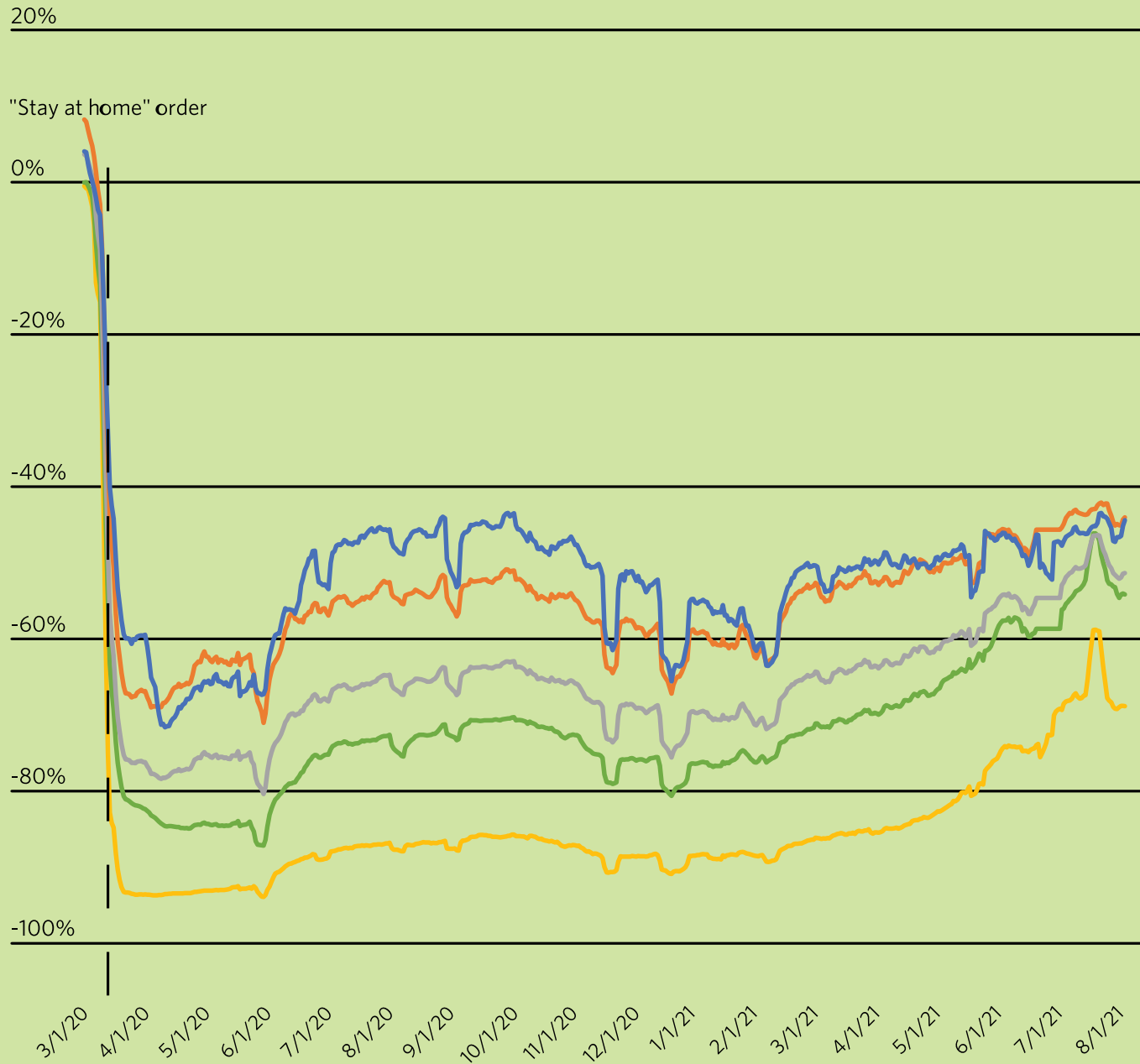
Metra LaGrange Road Amtrak



Accessibility  
Boarding  
Local

# Year over year ridership percent change by service

Metra Pace CTA rail CTA bus System



Source: Regional Transportation Authority





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

By John Greenfield | Mar 4, 2021 | 34 COMMENTS

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

NEWS

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



NATIONAL TRANSPORTATION SAFETY BOARD

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

Protect Vulnerable Road Users Through a Safe System Approach



# 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.

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

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

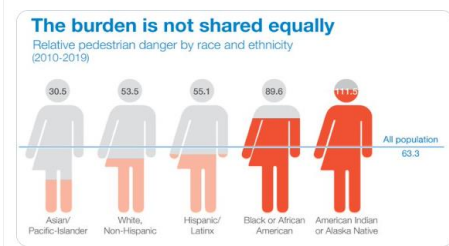
Coronavirus U.S. map World map Vaccine tracker Vaccine FAQ Variants FAQ A pandemic year Coronavirus Living

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...



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

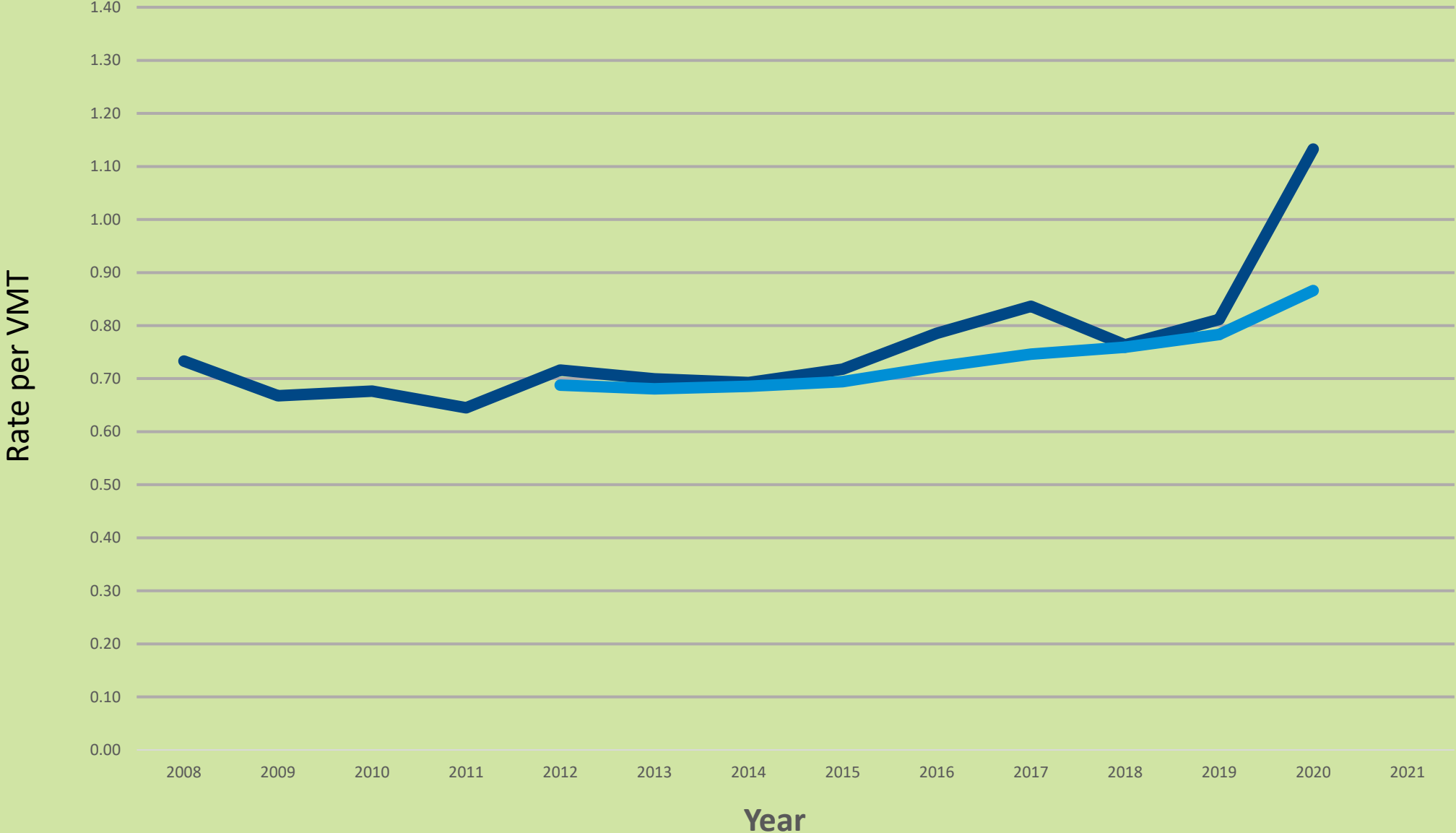
## Momentum Grows to Modernize Speed-Setting Practices for Safety with Release of California Report

FOR IMMEDIATE RELEASE  
Media Contact: Leah Shahum, Director, Vision Zero Network

# post pandemic traffic safety

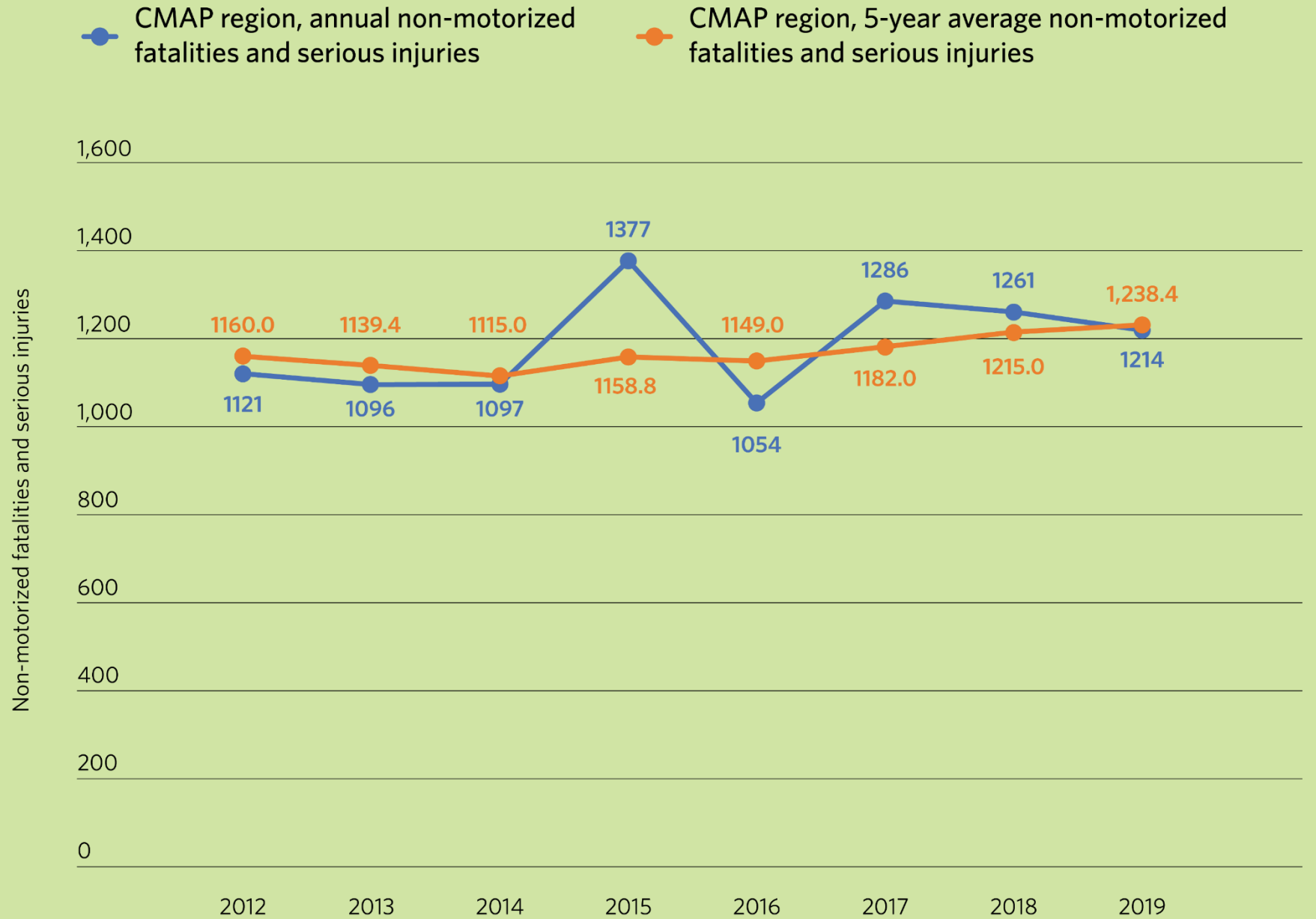
Planning for safe, equitable, and sustainable mobility options

# rate of traffic fatalities in the CMAP region



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

# Bicycle and Pedestrian (Non-motorized) fatalities and serious injuries in northeastern Illinois



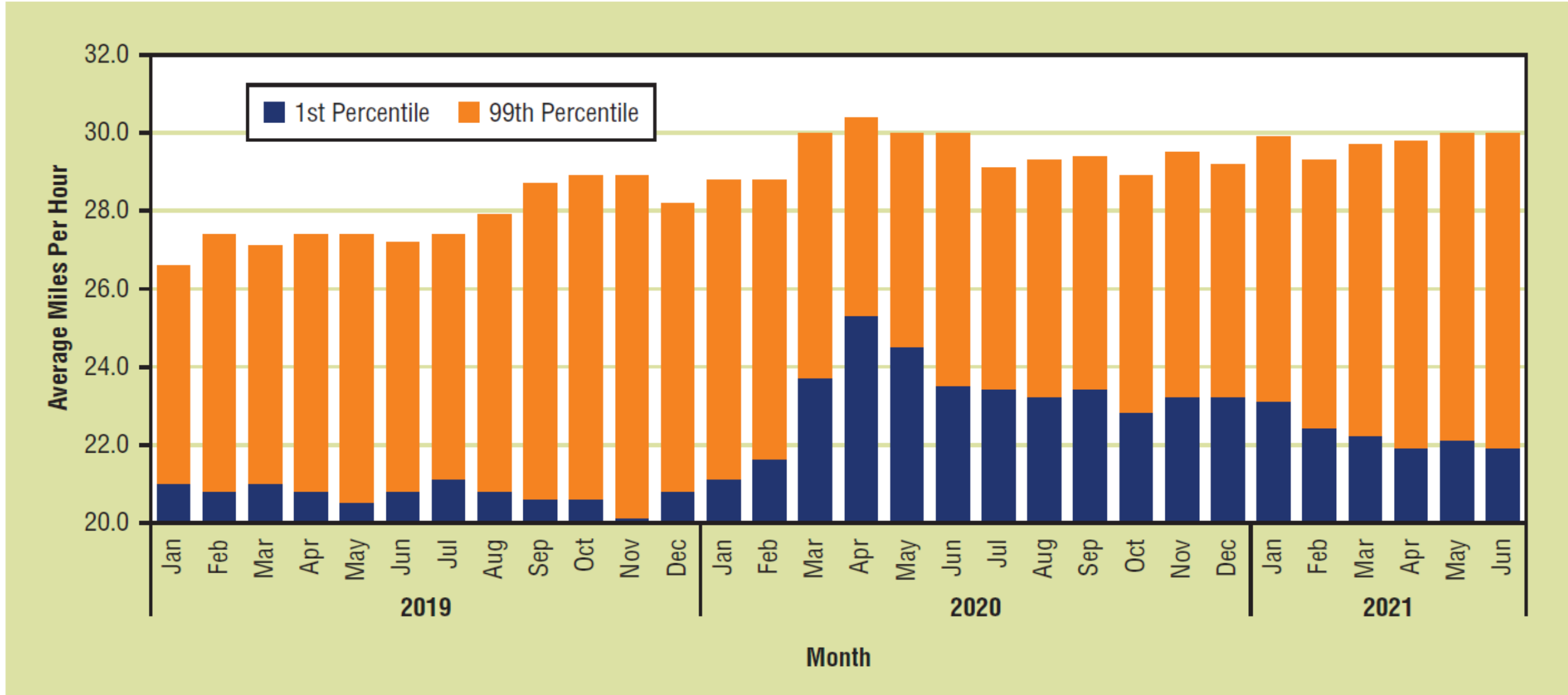
Source: CMAP analysis of crash data obtained from the Illinois Department of Transportation





Figure 13

**Urban Major Collector Range of Speeds – 1st Percentile to 99th Percentile by Month, January 2019 – June 2021**



Source: NPMRDS



W Lake St

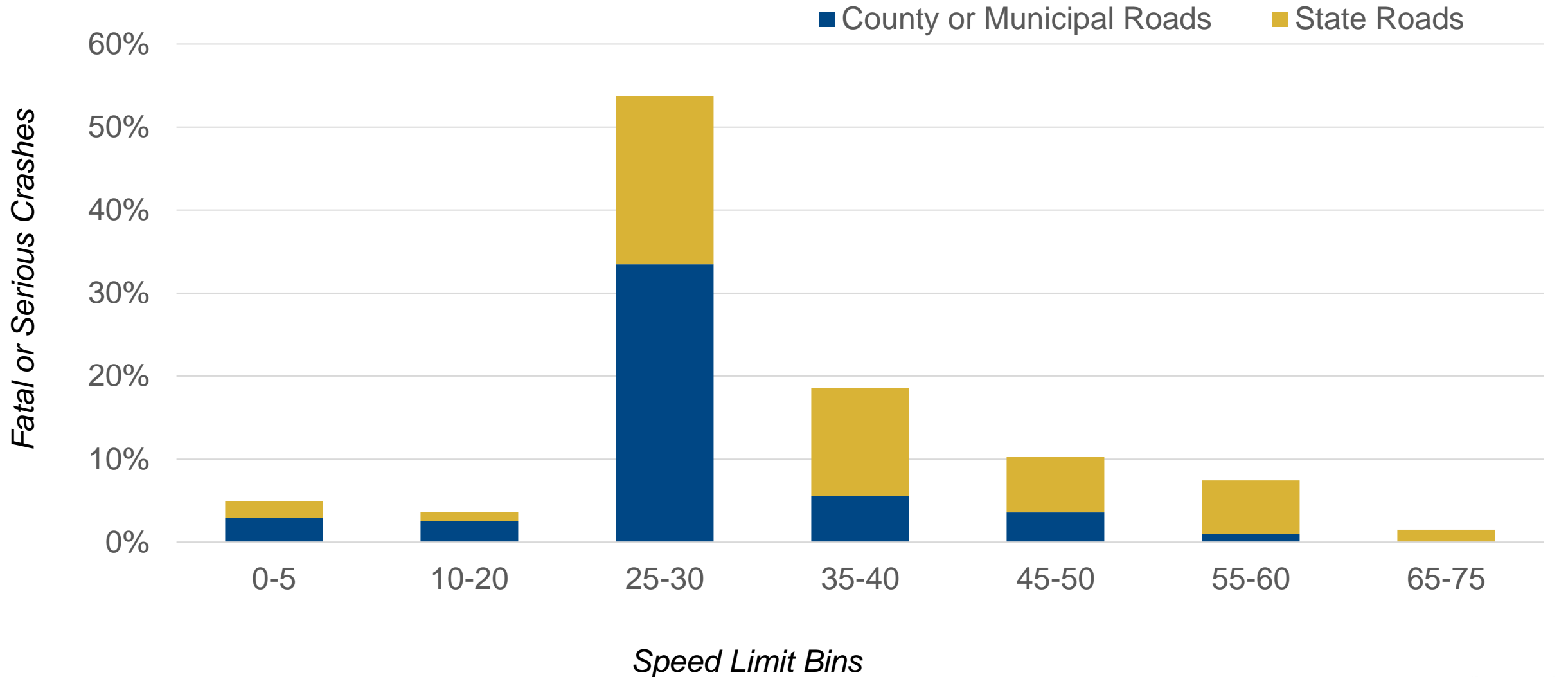
Washington

ONE WAY

DO NOT BLOCK INTERSECTION

Photo Credit: David Burke

# Share of All Fatal or Serious Injury Crashes by Speed Limit and Road Jurisdiction, CMAP Region 2019

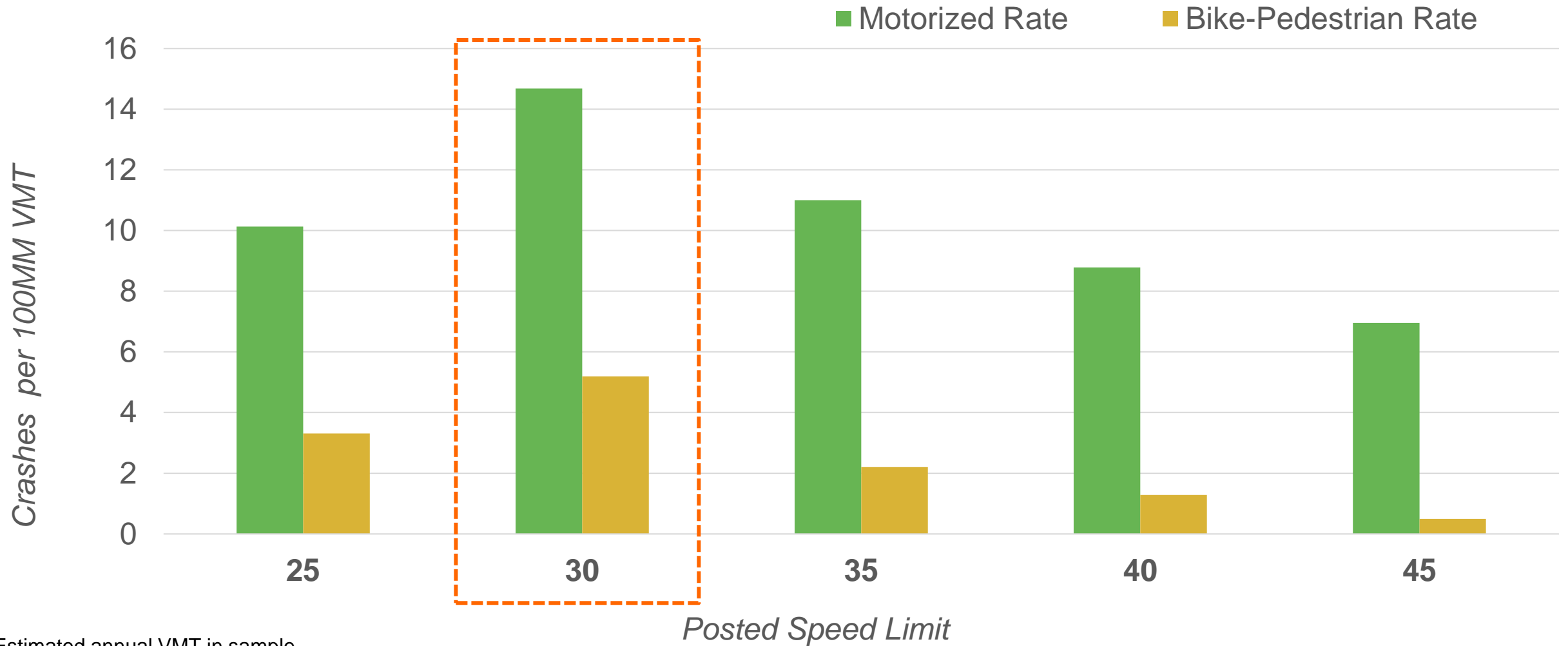




SPEED  
LIMIT  
30



# Motorized and Bicycle/Pedestrian Fatal or Serious Injury Crashes per 100 Million Miles of Vehicle Travel (VMT), 2015 - 2020



Estimated annual VMT in sample.  
Speed limit data based on HERE  
Technologies.

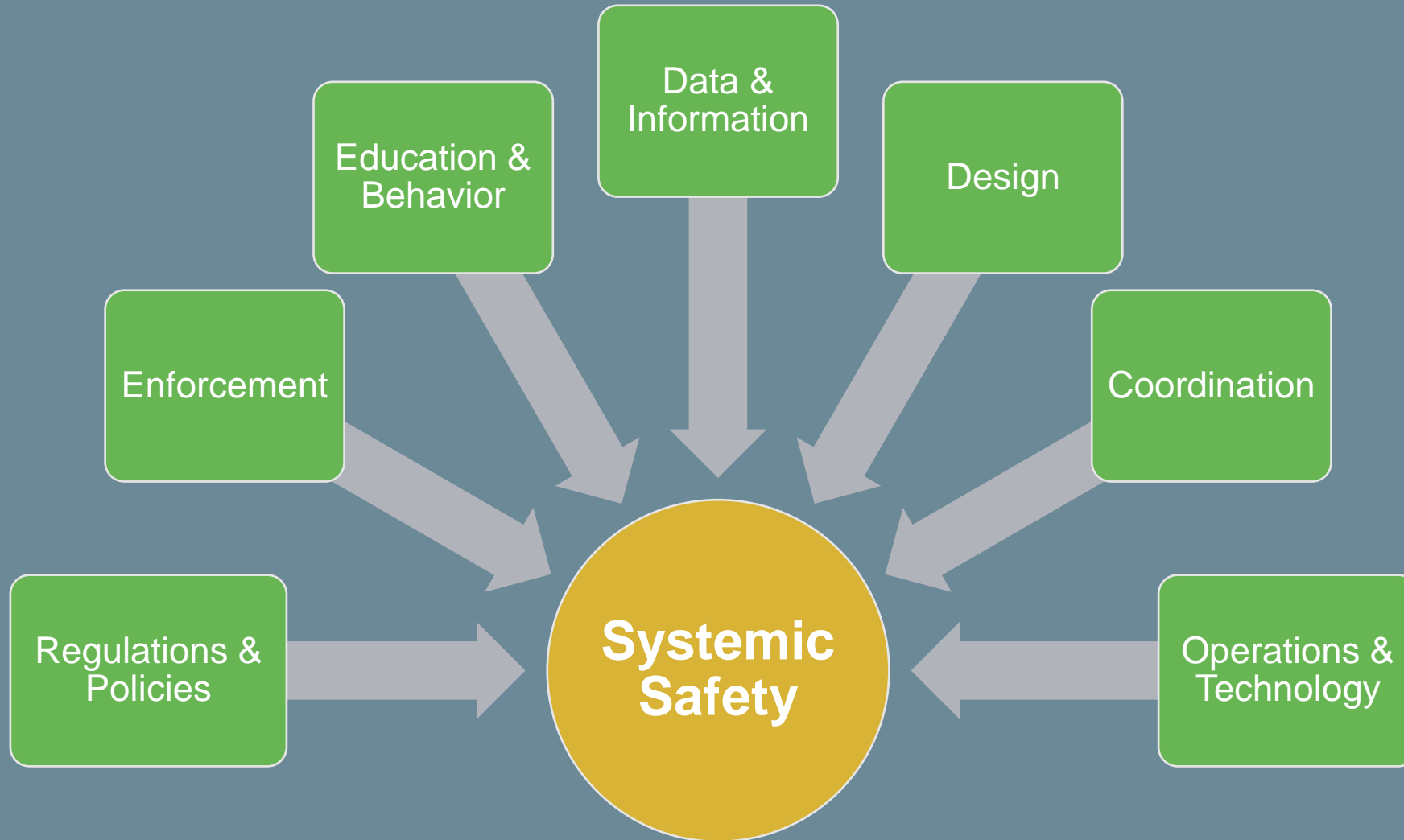
# If a pedestrian is struck by a vehicle traveling



Source: U.S. Department of Transportation, Literature Review on Vehicle Travel Speeds and Pedestrian Injuries. March 2000.  
Analysis by the Institute of Transportation Engineers.



# complexity of traffic safety



# managing speed for bicycle and pedestrian safety

## reduce vehicle speeds on roads with bicycle and pedestrian activity

- design the roadway to constrain speed “self-enforcing”
- set appropriate speed limits
- separate modes where speeds (not limits) exceed 30 mph
- improve **data collection** related to the mobility and safety of bicyclists and pedestrians





# Data clearinghouse





## About

Welcome to the [Chicago Metropolitan Agency for Planning](#) Data Hub, the source for data and information relevant to comprehensive planning in the seven-county metropolitan Chicago region. As the official regional planning organization for northeastern Illinois, CMAP prepares data, analyses, and evaluations on land use, transportation and environmental topics. These activities are critical to providing objective assessments of current and future regional conditions.

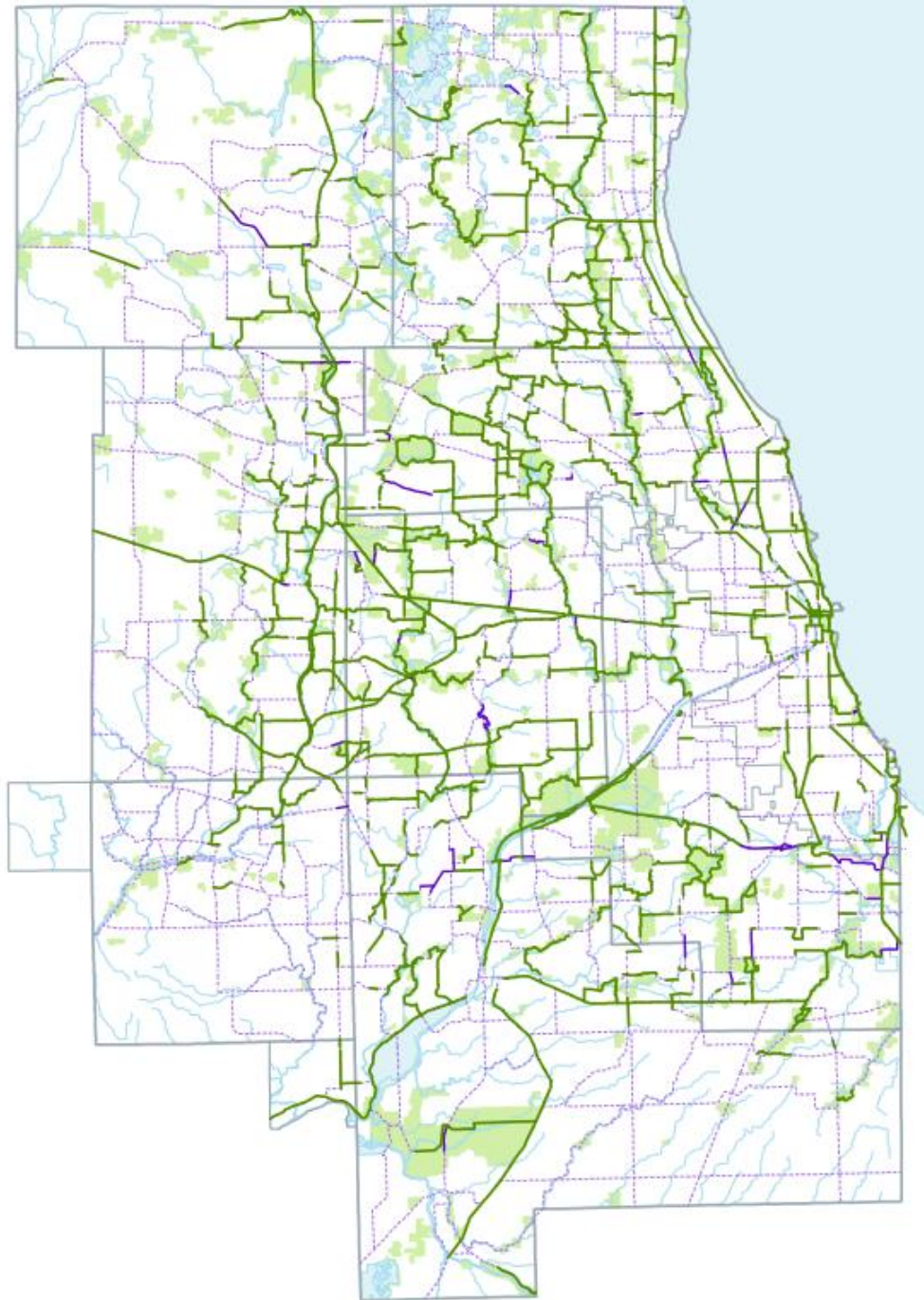
We are committed to making our datasets and publications available to a broad audience and have developed this Data Hub using the CKAN open-source data portal platform. If you can't find what you are looking for, please [contact us](#).

PEDESTRIAN  
AND  
BICYCLE  
ACCESS  
ONLY



BIKE ROUTE





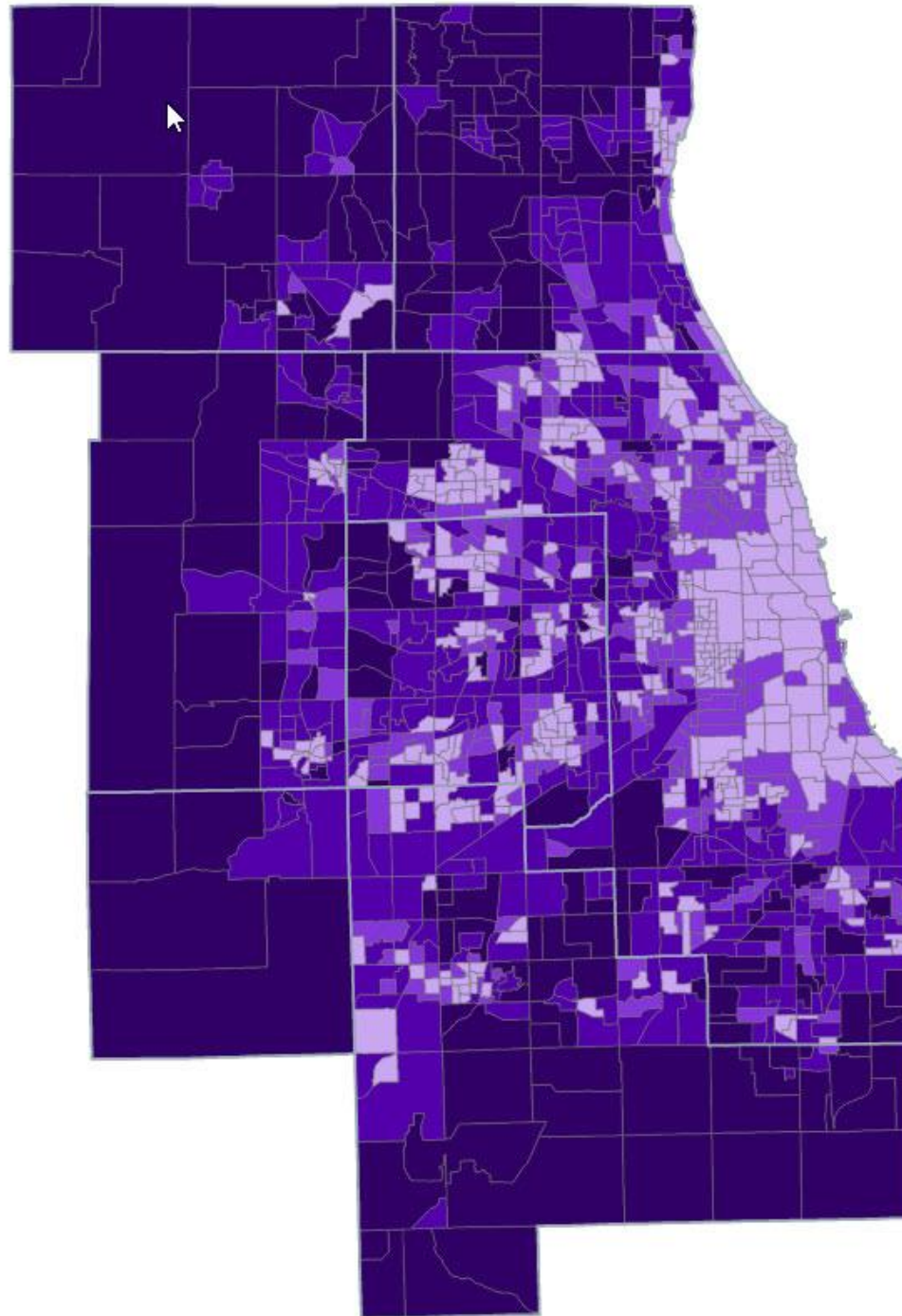
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## Regional greenways and trails plan

- Existing
- Under Development
- Planned

Source: Chicago Metropolitan Agency for Planning, 2018.





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**Percent of streets with no sidewalk by census tract and Chicago Community Area**

- 0 - 5%
- 6 - 25%
- 26 - 75%
- 76 - 100%

Source: Chicago Metropolitan Agency for Planning analysis of the 2018 Regional Sidewalk Inventory.

pace  
BUS STOP  
350  
Text Pace 311 to 41411 for real-time next-bus arrivals.  
PaceBus.com  
RTA Travel Information Center  
(847) 836-7000 RTAChicago.com

YOU STOP  
NOW STA

...KING  
...ING

MARIE

Now there's a new screening that can catch lung cancer early and could save lives.  
Talk to your doctor or learn more at [SavedByTheScan.org](http://SavedByTheScan.org)

LUNG  
ORGANIZATION



# Helping local communities plan



RIVERDALE

SPEED  
LIMIT  
30

NO  
PARKING  
ANY  
TIME

BIKE ROUTE



AHEAD

NO LITTERING  
\$500 FINE  
By Order of:  
Ordinance Chapter 15.110  
Public Nuisance

NO  
PARKING  
ANY  
TIME



# NORTHERN LAKESHORE

## TRAIL CONNECTIVITY PLAN

SEPTEMBER 2020



CONNECTING THE COMMUNITIES OF WINTHROP HARBOR, ZION, BEACH PARK,  
WAUKEGAN, AND NORTH CHICAGO





STOP



ONLY



V25





# Flossmoor Local Road Safety Plan



The Village of Flossmoor is working together with the Chicago Metropolitan Agency for Planning (CMAP) and other stakeholders to develop a Local Road Safety Plan (LRSP). The Village of Flossmoor LRSP is a review of all the public roads within the community. It contains recommendations for all relevant safety related roadway infrastructure improvements, explaining how these recommendations were developed and why they are important for the future of the community. An additional component of the LRSP is to identify opportunities to influence and improve behavior of all roadway users (e.g., motorists, bicyclists and pedestrians).



## STAY INFORMED

Subscribe for project updates

SUBSCRIBE

4 members of your community are following this project

## Project Timeline



**Phase 1: Project initiation and orientation**



**Phase 2: Review existing conditions**



**Phase 3: Public engagement**

PEDESTRIANS  
BICYCLISTS  
VEHICLES

SHARE  
THE  
ROAD

SPEED  
LIMIT  
20

NO  
PARKING  
HERE TO  
LOAD OR  
UNLOAD





**ROAD  
CLOSED  
DUE TO  
FLOODING  
LOCAL TRAFFIC  
ONLY!**

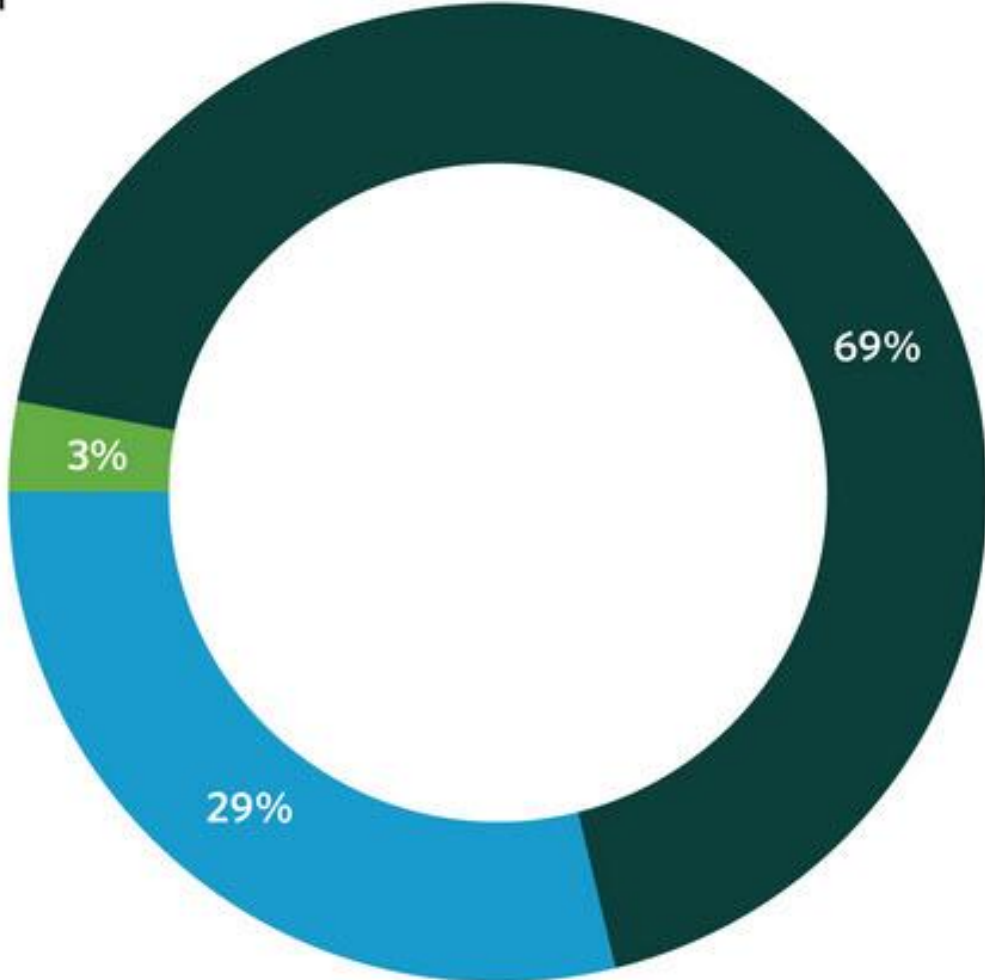
# Funding transportation projects



# Regional emissions by sector, 2015

- Stational energy
- Transportation
- Waste

Source: Chicago Metropolitan Agency for Planning.





NO  
TURN  
ON RED

Stephen Sondheim  
Presented by  
*Marry me a little*  
Runs May 21  
★★★★★  
CHICAGO METRO THEATRE.COM

This is  
**Lakeview**

Lincoln Avenue

- CTA Ashland Bus #9
- CTA Belmont Bus #77
- CTA Diversy Bus #76
- CTA Lincoln Bus #11

In Your Area

**SCHOOLS**

- 1. Belmont Elementary
- 2. Belmont High
- 3. Belmont Middle
- 4. Belmont Preparatory
- 5. Belmont Preparatory
- 6. Belmont Preparatory
- 7. Belmont Preparatory
- 8. Belmont Preparatory
- 9. Belmont Preparatory
- 10. Belmont Preparatory

**PARKS**

- 1. Belmont Park
- 2. Belmont Park
- 3. Belmont Park
- 4. Belmont Park
- 5. Belmont Park
- 6. Belmont Park
- 7. Belmont Park
- 8. Belmont Park
- 9. Belmont Park
- 10. Belmont Park

**RESTAURANTS**

- 1. Belmont
- 2. Belmont
- 3. Belmont
- 4. Belmont
- 5. Belmont
- 6. Belmont
- 7. Belmont
- 8. Belmont
- 9. Belmont
- 10. Belmont

**POINTE OF INTEREST**

- 1. Belmont
- 2. Belmont
- 3. Belmont
- 4. Belmont
- 5. Belmont
- 6. Belmont
- 7. Belmont
- 8. Belmont
- 9. Belmont
- 10. Belmont

N SOUTHPORT AV  
W WELLINGTON AV  
1400 W - 3000 N

RIGHT  
LANE  
BUS  
ONLY



cta **Link**  
Washington/  
Franklin

J14	Jeffrey Damp Jump
20	Washington & Franklin
56	Washington & Franklin
60	Blue Island/55th
124	North Park
157	Washington-Taylor

Loop Link services

JCDetroit  
CITY OF CHICAGO  
VISIT HISTORIC  
JEWELERS ROW  
ON WABASH

All Stores and Restaurants Open  
During Construction of the New  
Washington-Wabash Elevated Station

CDOT  
TRAFFIC MARK







# Where to now?





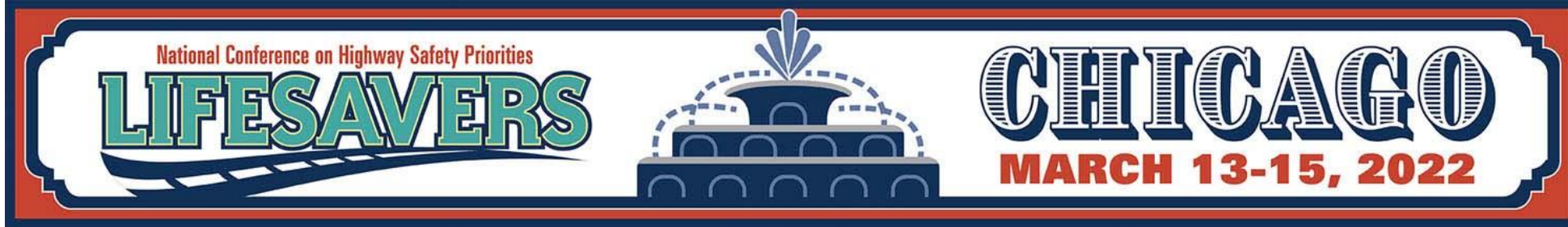




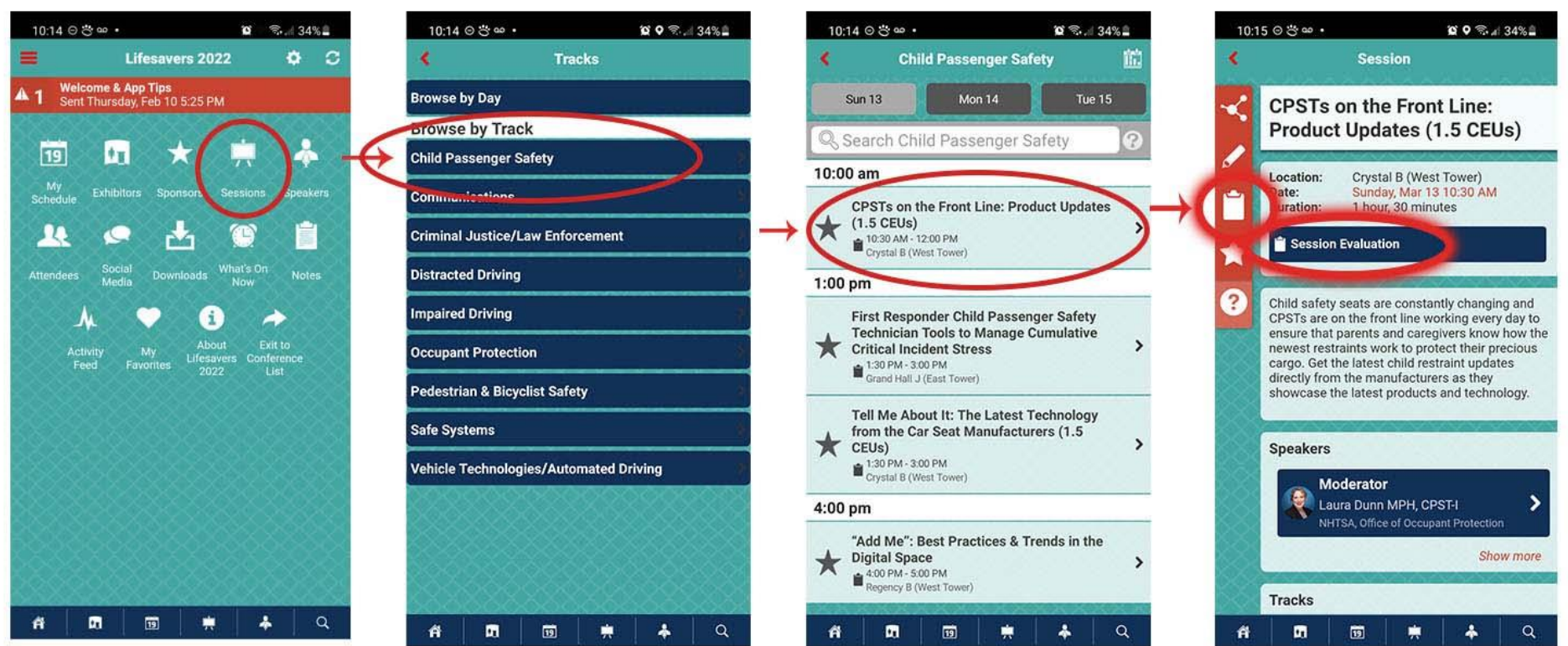








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