

USDOT Summit on Pedestrian Safety  
July 15th, 2020

# **Pedestrian Fatalities in the U.S.:** *Systemic Causes ... and Speed Management Strategies*

Ian Thomas, PhD  
State and Local Program Director  
America Walks



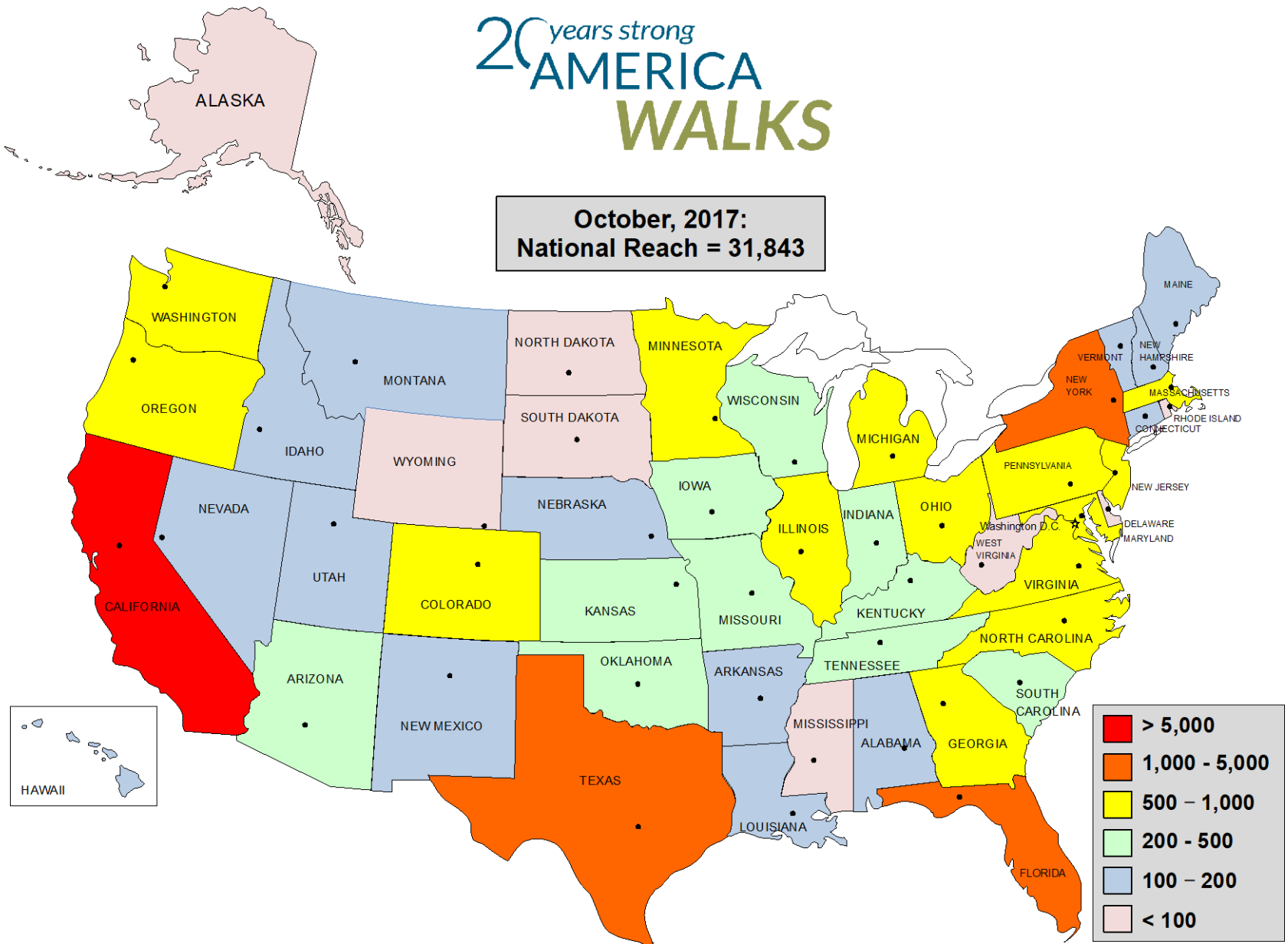
# Outline

- About America Walks
- Systemic Causes of Pedestrian Fatalities in the U.S.
- Speed Management Strategies from Europe:
  - *Vision Zero (Sweden)*
  - *Twenty is Plenty (London)*
  - *Zone 30 Arrondissements (Paris)*
  - *Superblocks (Barcelona)*
- Resources

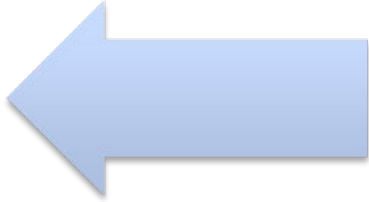
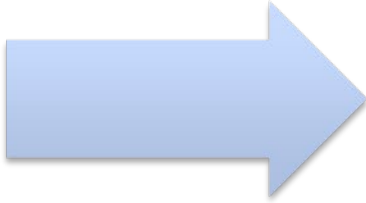


# 20 years strong AMERICA WALKS

October, 2017:  
National Reach = 31,843



# Logic Model



Tackling Gentrification and Displacement

*Turning Data into Action*

**Creating Safe Spaces for All Community Members**

**The What, Why, and How of  
Walking Meetings**

*From 8 to 80: Creating Livable Communities for All Ages*

**Making the Case for Transit**

**Opportunities for Walkability in Rural  
Communities**

**Act Fast: The Growing Call for Slower Speeds**



# The Walking College

AMERICA  
WALKS



**Module #1: Why Walking?**

**Module #2: Developing Leadership**

**Module #3: Building a Movement**

**Module #4: Designing for People**

**Module #5: Changing the System**

**Module #6: Planning Campaigns**

# National Walking Summit

## NATIONAL WALKING SUMMIT

ST. LOUIS, MISSOURI  
MARCH 10-11, 2020

hosted by  
AMERICA  
WALKS



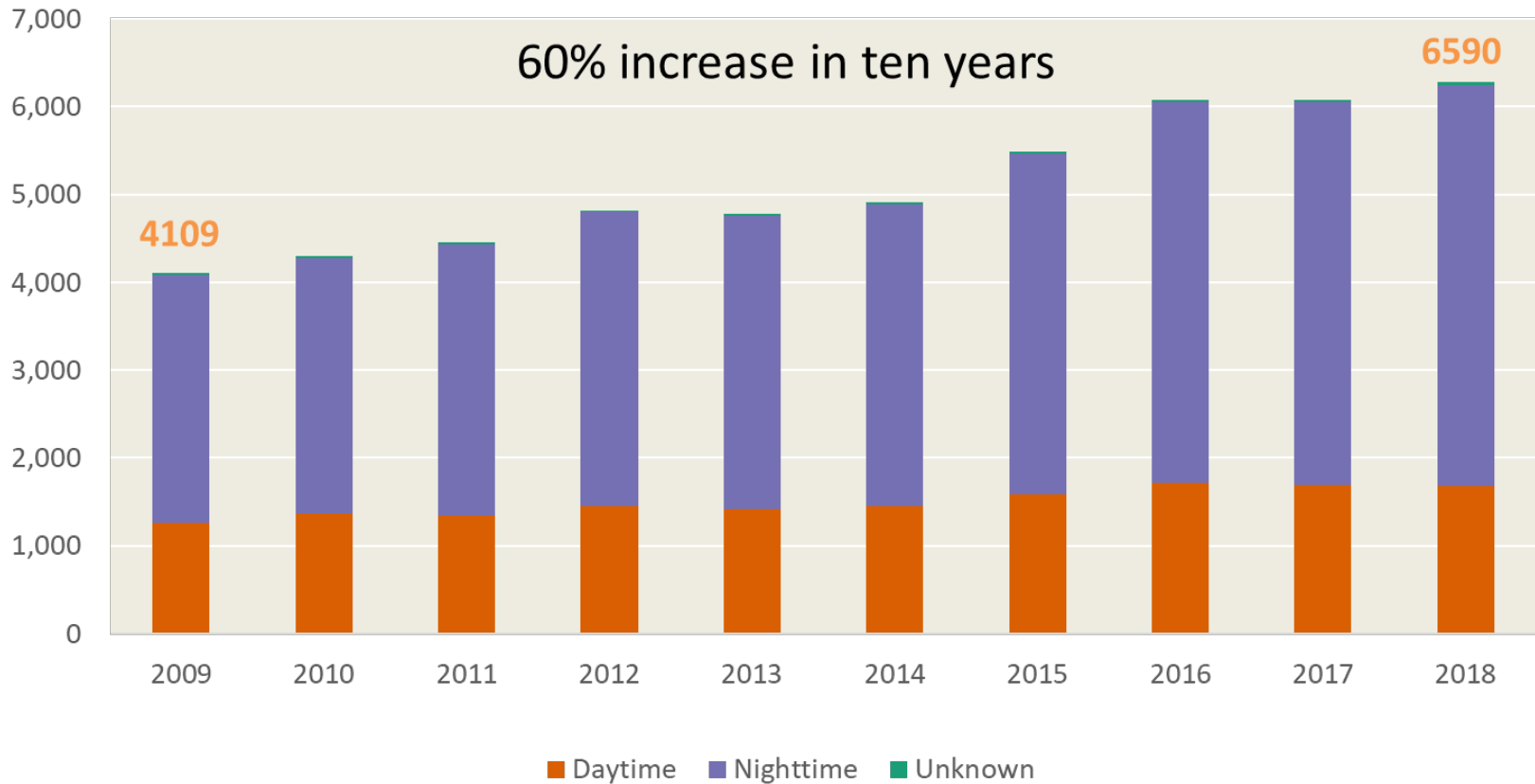
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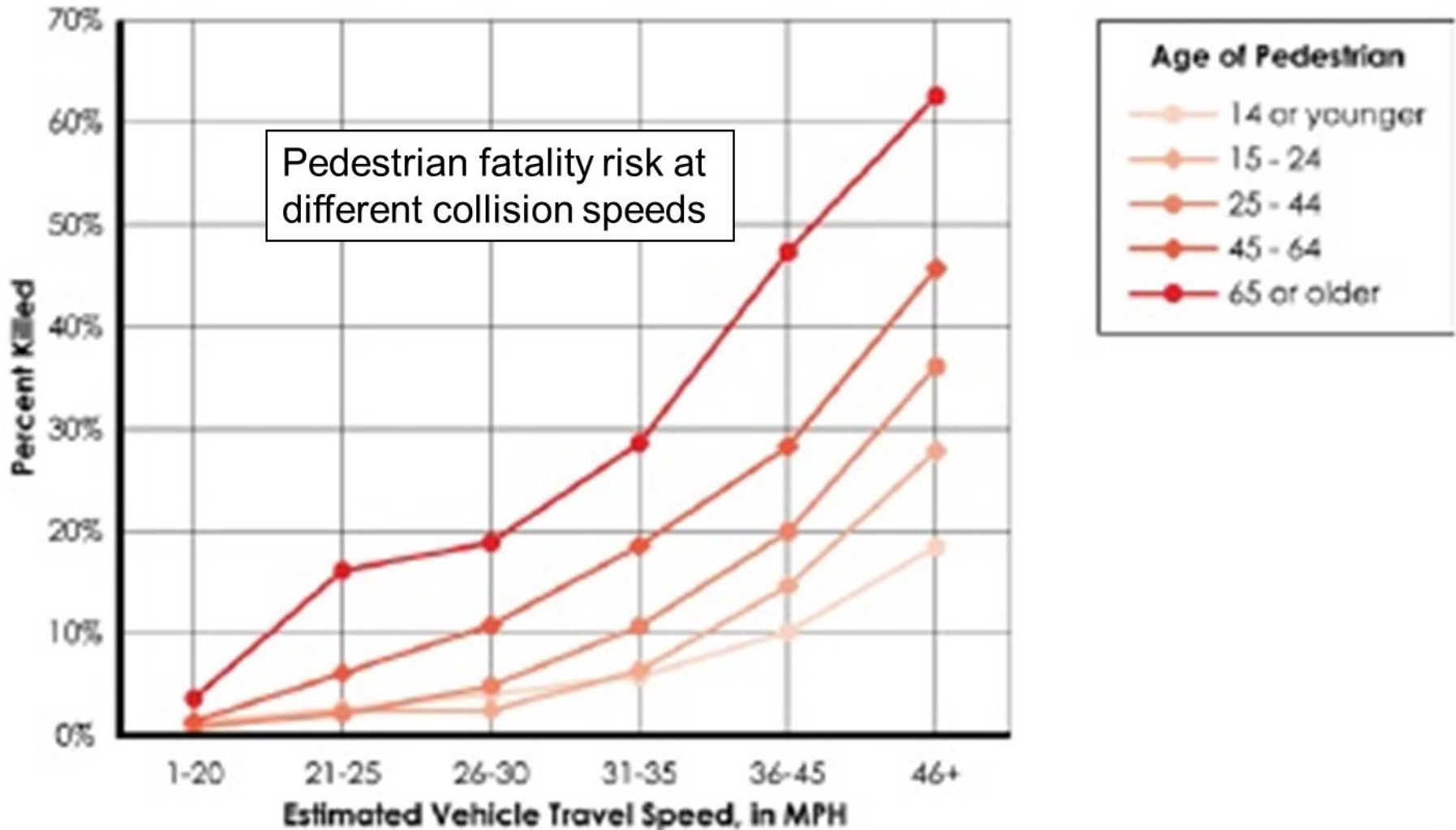


# Pedestrian Fatalities (by time of day)



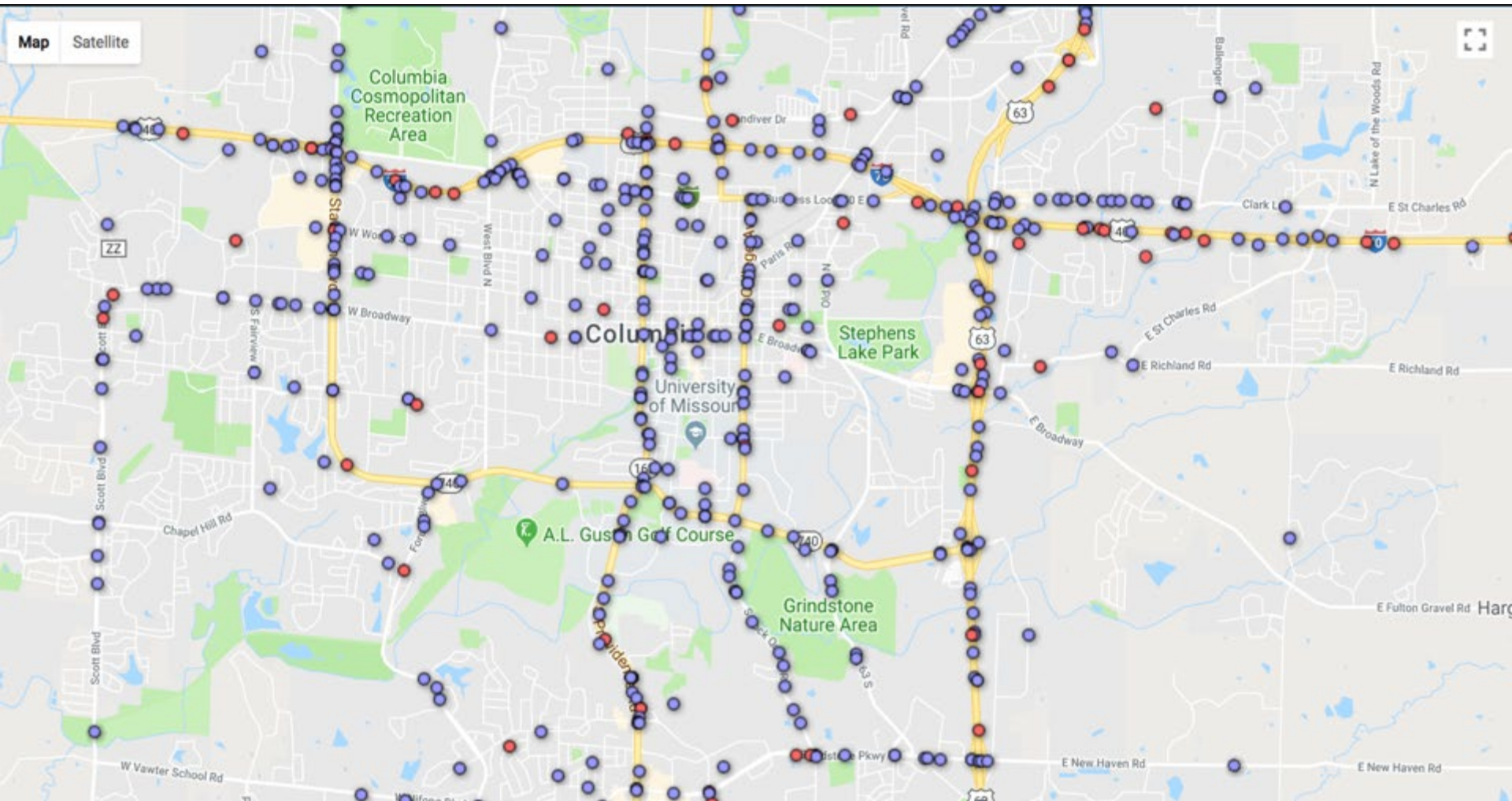
About 75% of pedestrian fatalities occur at night

# Pedestrian Fatalities (by speed of vehicle)



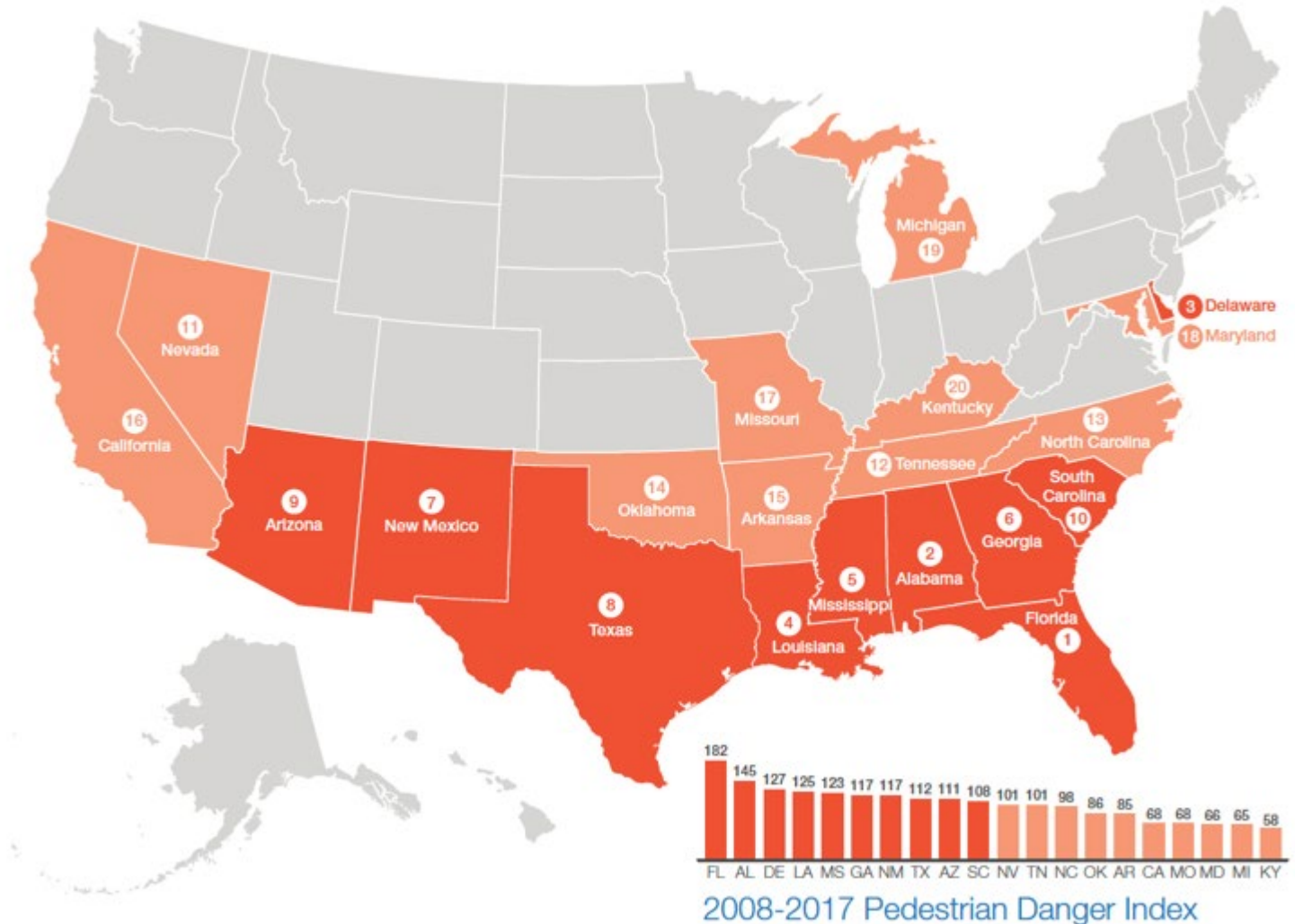
Almost all pedestrian fatalities occur at vehicle speeds above 20 mph

# Pedestrian Fatalities (by location within a city)



Almost all fatal and severe-injury crashes occur on freeways and arterials

# Pedestrian Fatalities (by state)



Almost all of the most dangerous states for pedestrians are in the South

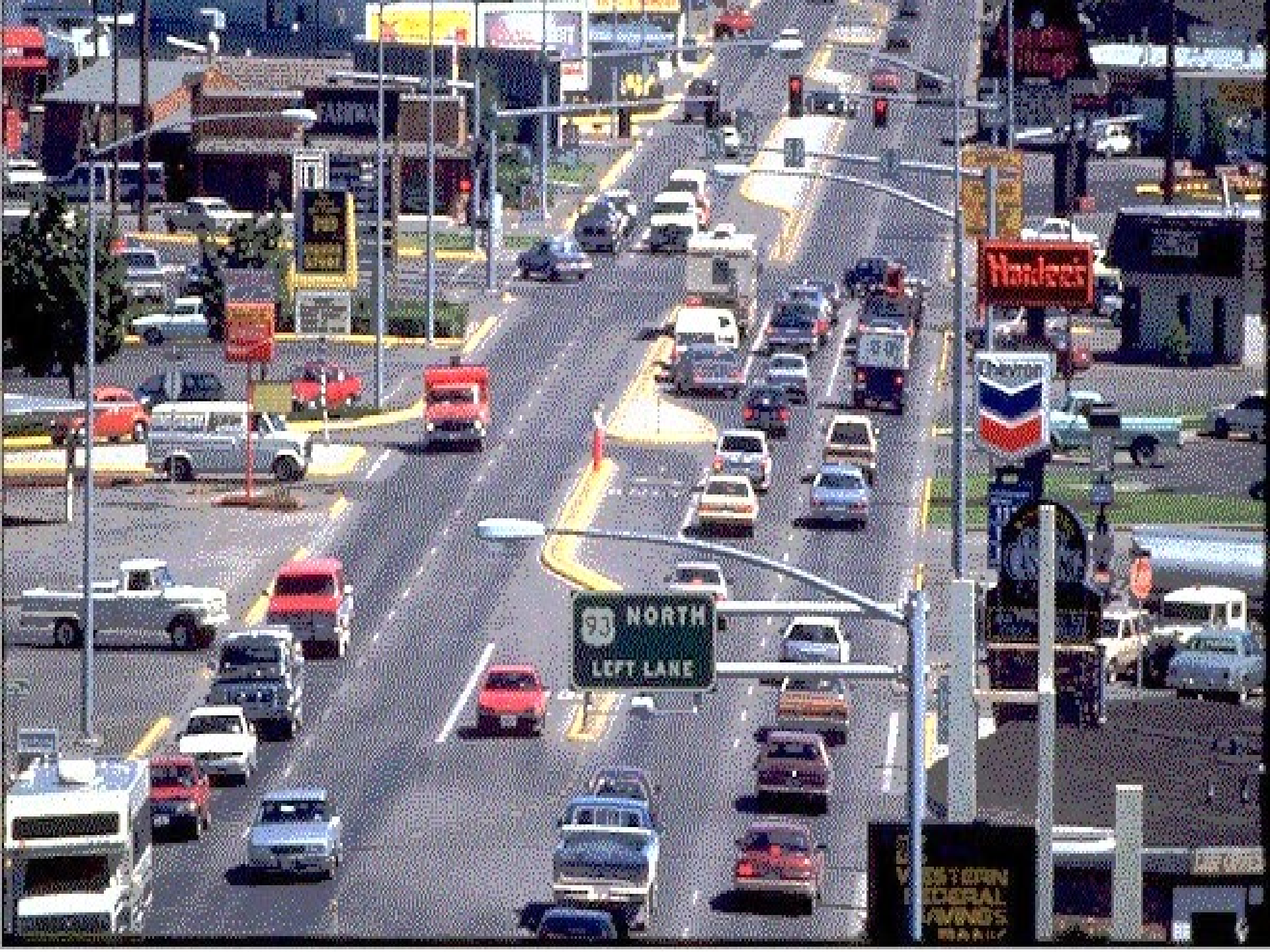


... Where there are lots of roads like this,



... and this,





93 NORTH  
LEFT LANE

Wendy's

FARMER'S MARKET

WESTERN  
FEDERAL  
SAVINGS

... and this,





# Systemic Causes of Pedestrian Fatalities



- Over-Engineering
- Vehicle Level of Service
- The 85<sup>th</sup> Percentile Rule
- No Speed Management

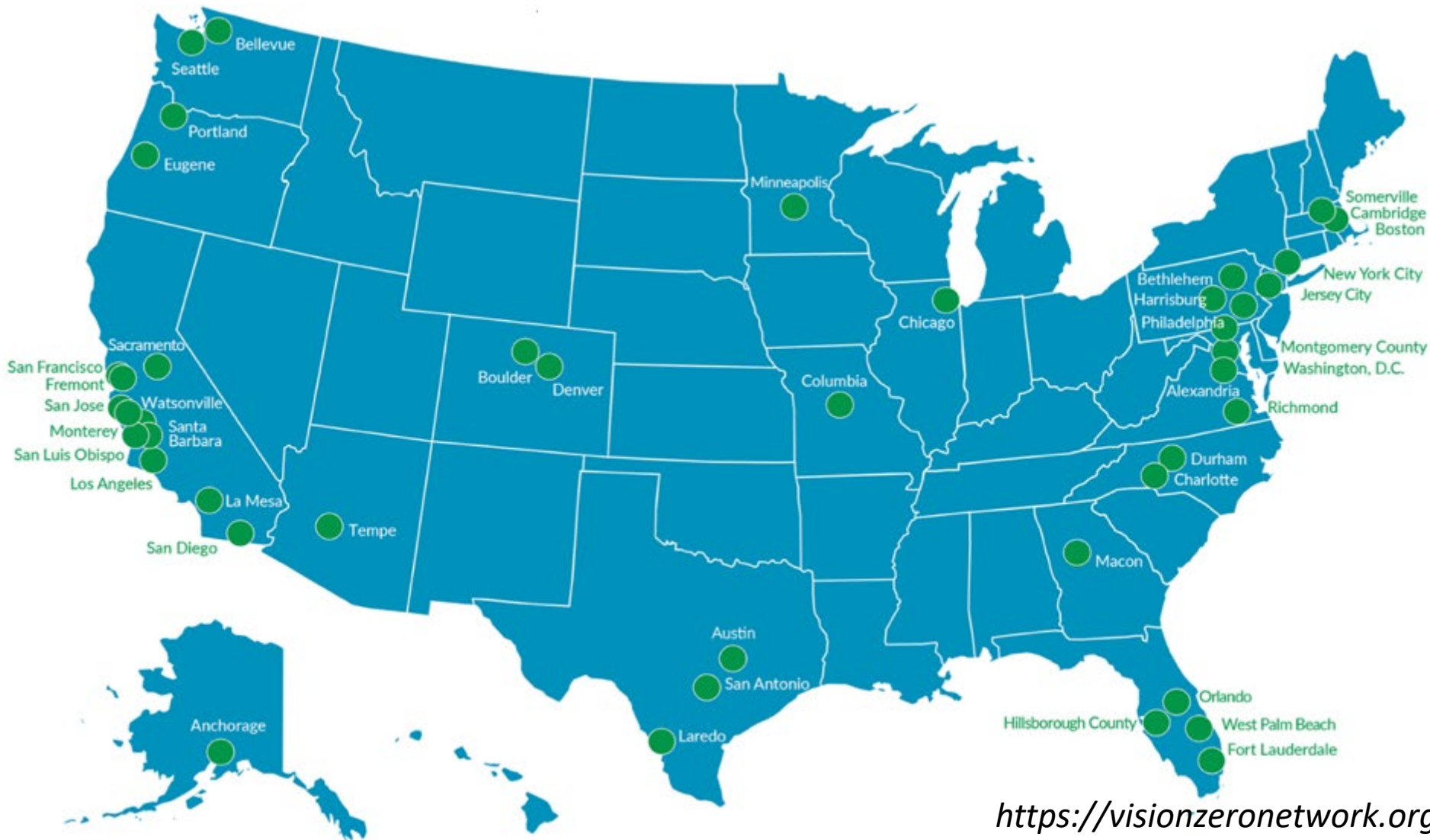


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# Vision Zero



<https://visionzeronetwork.org>

***Traffic Deaths are Preventable and, therefore, Morally Unacceptable***



# Twenty's Plenty

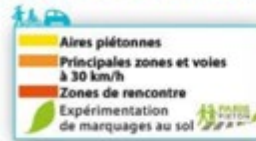


***20 million U.K. residents live in municipalities where 20 mph is the default speed limit on residential and urban streets***



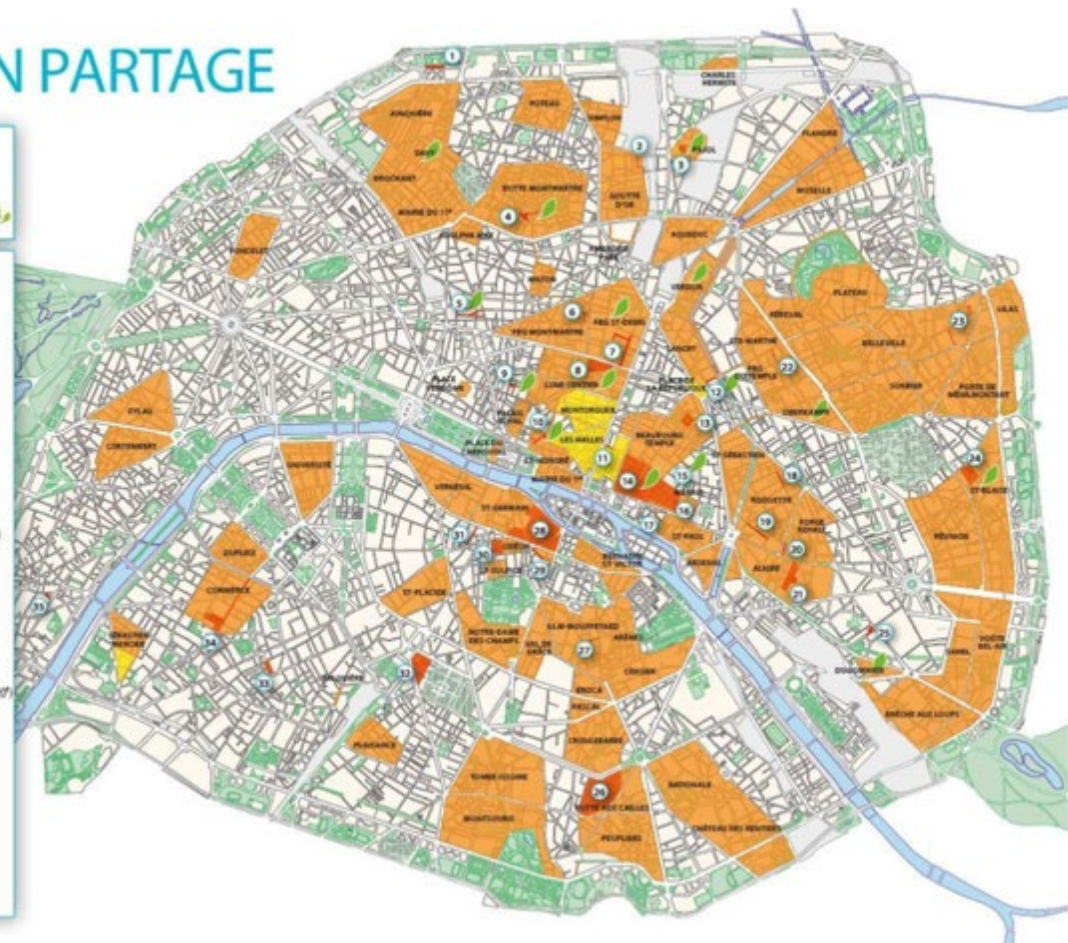
# Zone 30 Arrondissements

## LA RUE EN PARTAGE



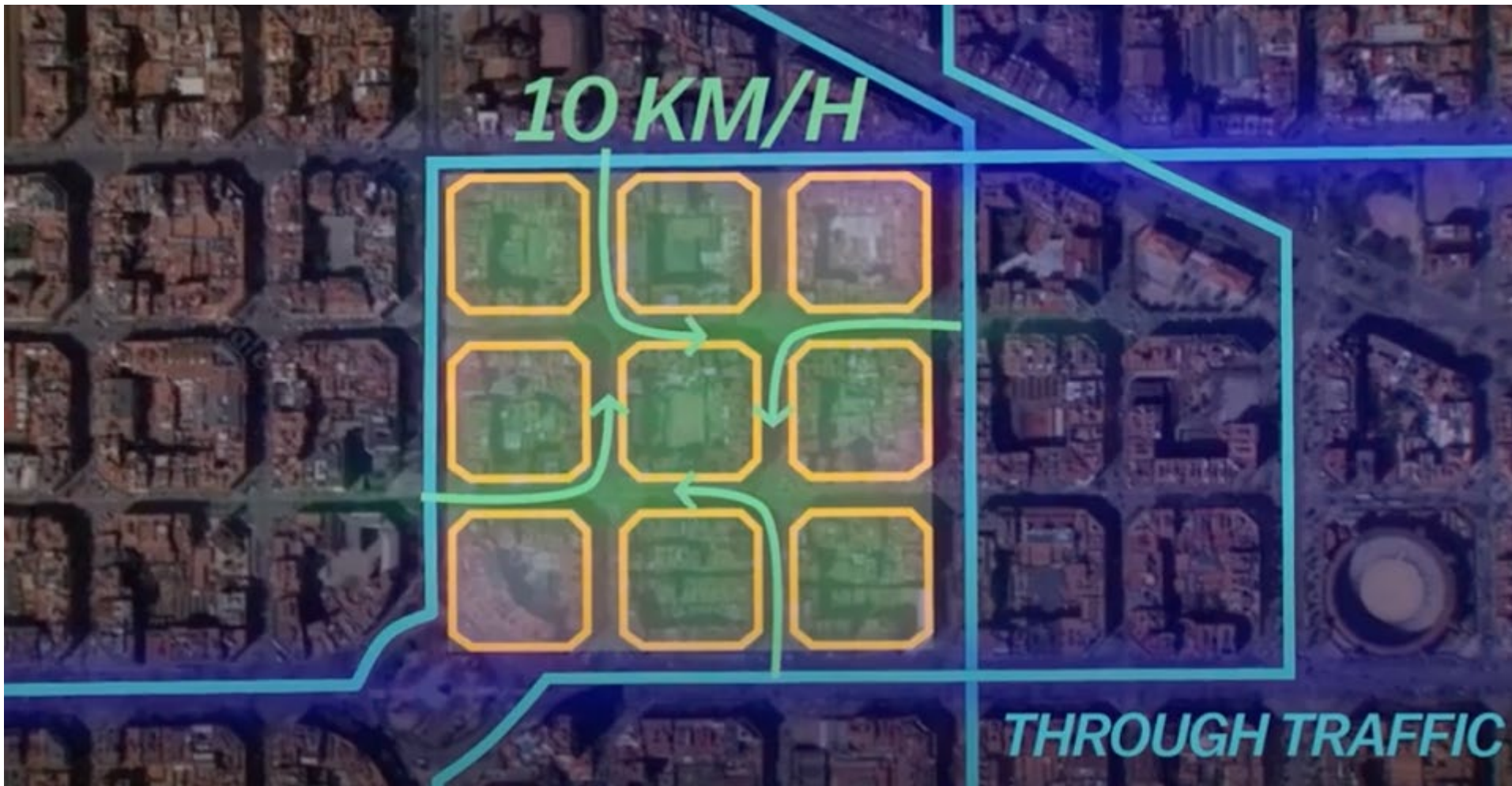
### Voies et quartiers en zone de rencontre (20 km/h)

- 1 Rue André Brechet (17<sup>e</sup>)
- 2 Rue Émile Duployé (18<sup>e</sup>)
- 3 Marché de l'Olive (18<sup>e</sup>)
- 4 Abbesses (18<sup>e</sup>)
- 5 Rues Joubert et Victoire (9<sup>e</sup>)
- 6 Rue Ambréose Thomas (9<sup>e</sup>)
- 7 Rue du Fbg St-Denis (10<sup>e</sup>)
- 8 Rue Luce (2<sup>e</sup>)
- 9 Anais (2<sup>e</sup>)
- 10 Jacques Rousseau (1<sup>e</sup>)
- 11 Bouteau (3<sup>e</sup>/4<sup>e</sup>)
- 12 Bg du Temple (10<sup>e</sup>/11<sup>e</sup>)
- 13 Bg du Temple (3<sup>e</sup>)
- 14 Bg de la Vierge et Vieille du Temple (3<sup>e</sup>)
- 15 Bg St-Gervais (3<sup>e</sup>)
- 16 Bg des Filles-du-Caire (4<sup>e</sup>)
- 17 Courcelles (11<sup>e</sup>)
- 18 Courcelles (11<sup>e</sup>)
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- 100 Courcelles (11<sup>e</sup>)



**Mayor Anne Hidalgo (re-elected last month) will reduce speed limits to 30 kilometres/hour (18.6 mph) for all of Paris**

# Superblocks



*The “Superblocks” project will reclaim more than half the streets in Barcelona for mixed-use public spaces*



# Superblocks



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