

# Designing streets for people



Chris Kost

Africa Clean Mobility Week  
March 2018



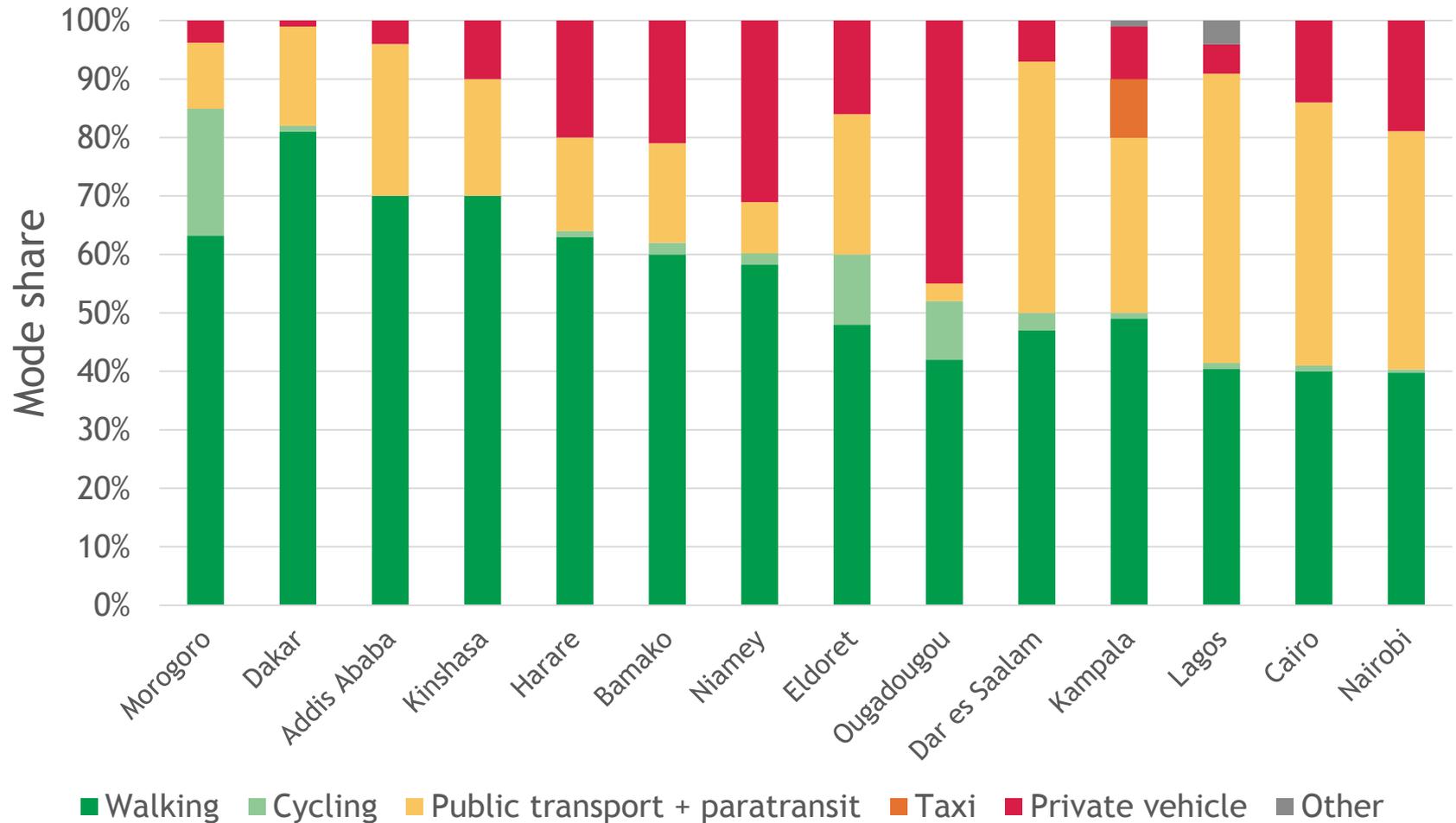
[www.slido.com](http://www.slido.com)

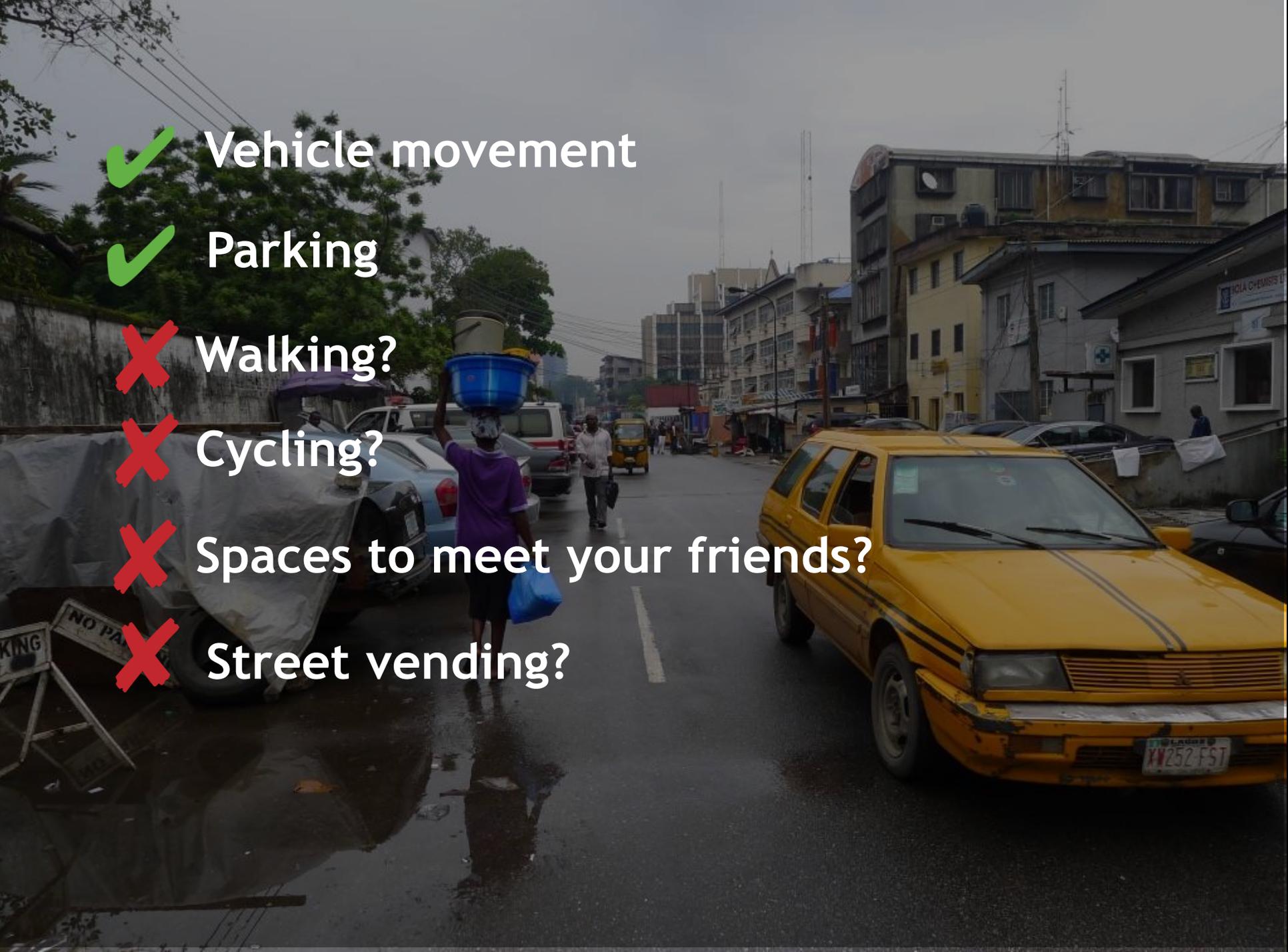
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In the city you live, how do the majority of people get around?

- (a) Walk /cycle
- (b) Public transport bus
- (c) Car
- (d) Taxi (either Bike/Motorbike/Car)
- (e) Other

# How the majority travels





✓ Vehicle movement

✓ Parking

✗ Walking?

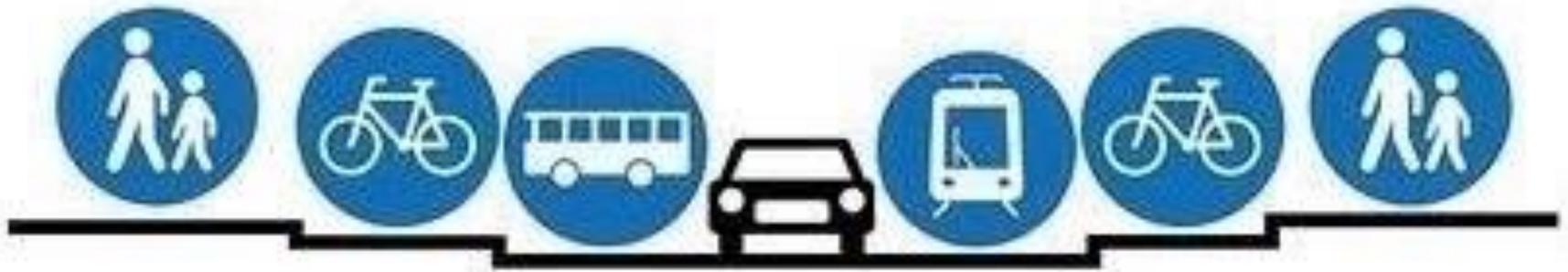
✗ Cycling?

✗ Spaces to meet your friends?

✗ Street vending?



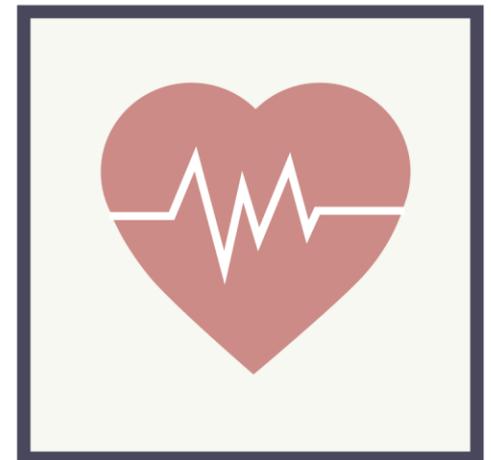
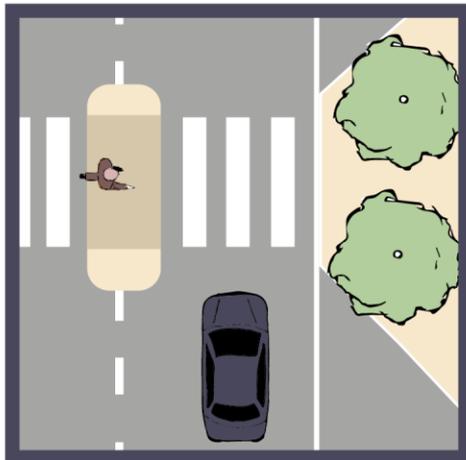
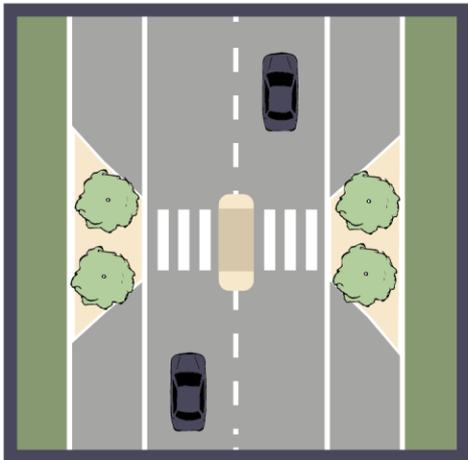
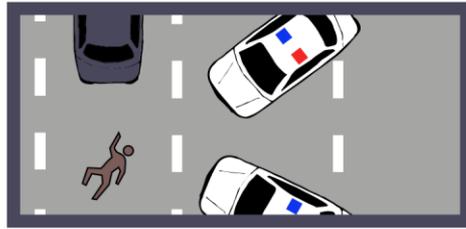
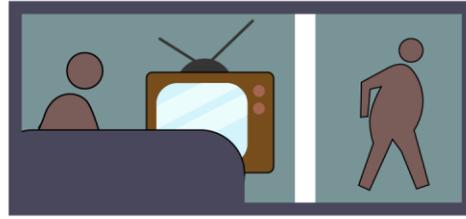
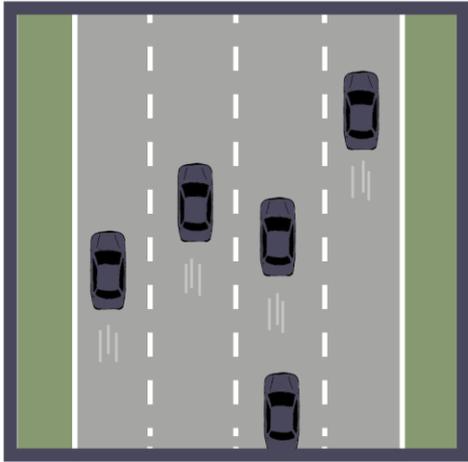
How we usually plan streets



A more equitable approach



Dar es Salaam





KBS  
149F



**Frontage zone**

**Pedestrian zone**

**Furniture zone**

Nairobi



“The construction will include ... cycle tracks over the entire length of the road.”



Physically separated from mixed traffic

Minimum clear width of 2 m

Smooth surface material

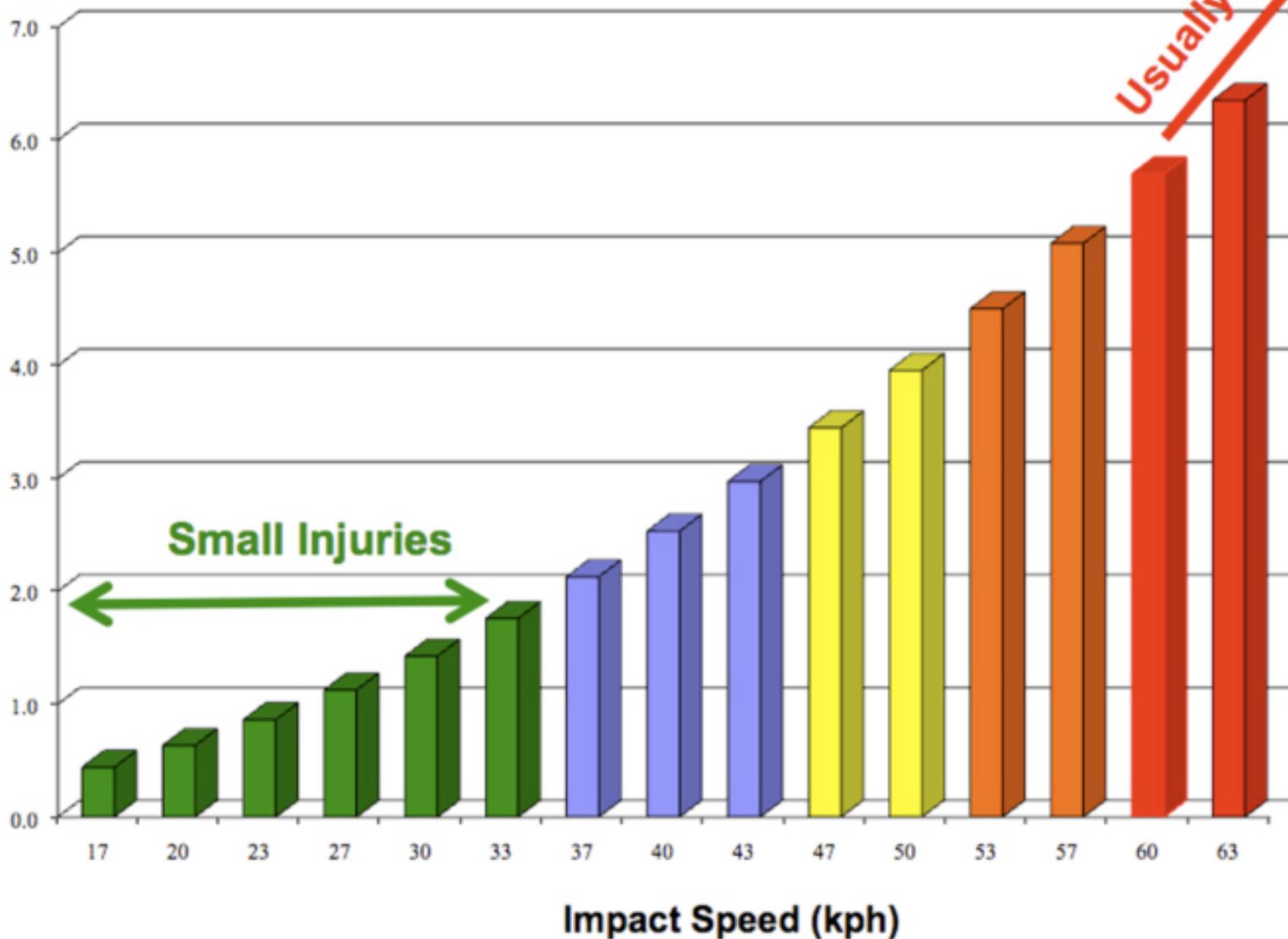
Dar es Salaam



# Vehicle Impact Speed vs. Pedestrian Injury

(initial impact only)

AIS Severity (6=fatal)



- Not accessible to persons with disabilities
- Dangerous at night (and maybe during the daytime too!)
- Elevators and escalators are expensive and break
- They usually obstruct the footpath

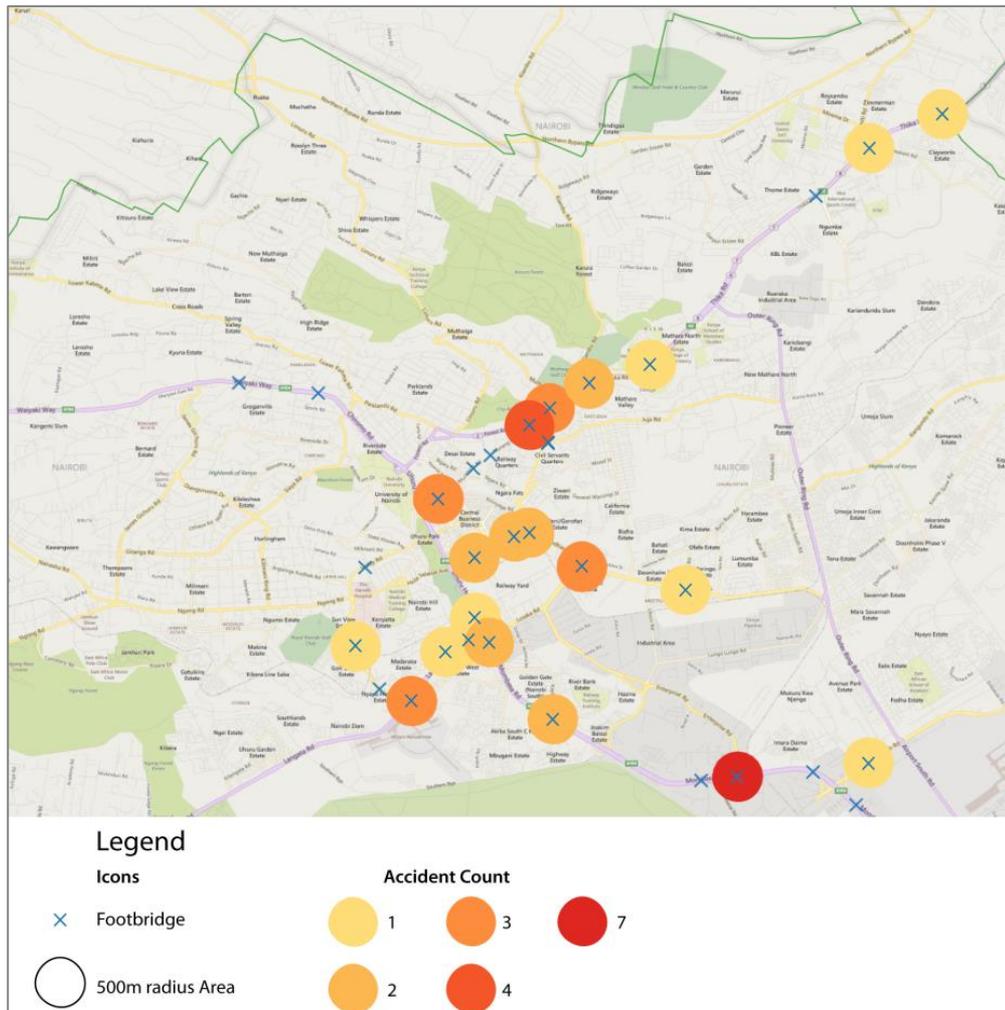


MIAMI-DADE COUNTY MARCH 15, 2018 03:24 PM UPDATED 10 MINUTES AGO

# Photo gallery: Pedestrian bridge collapses in front of FIU | Thurs., March 15, 2018

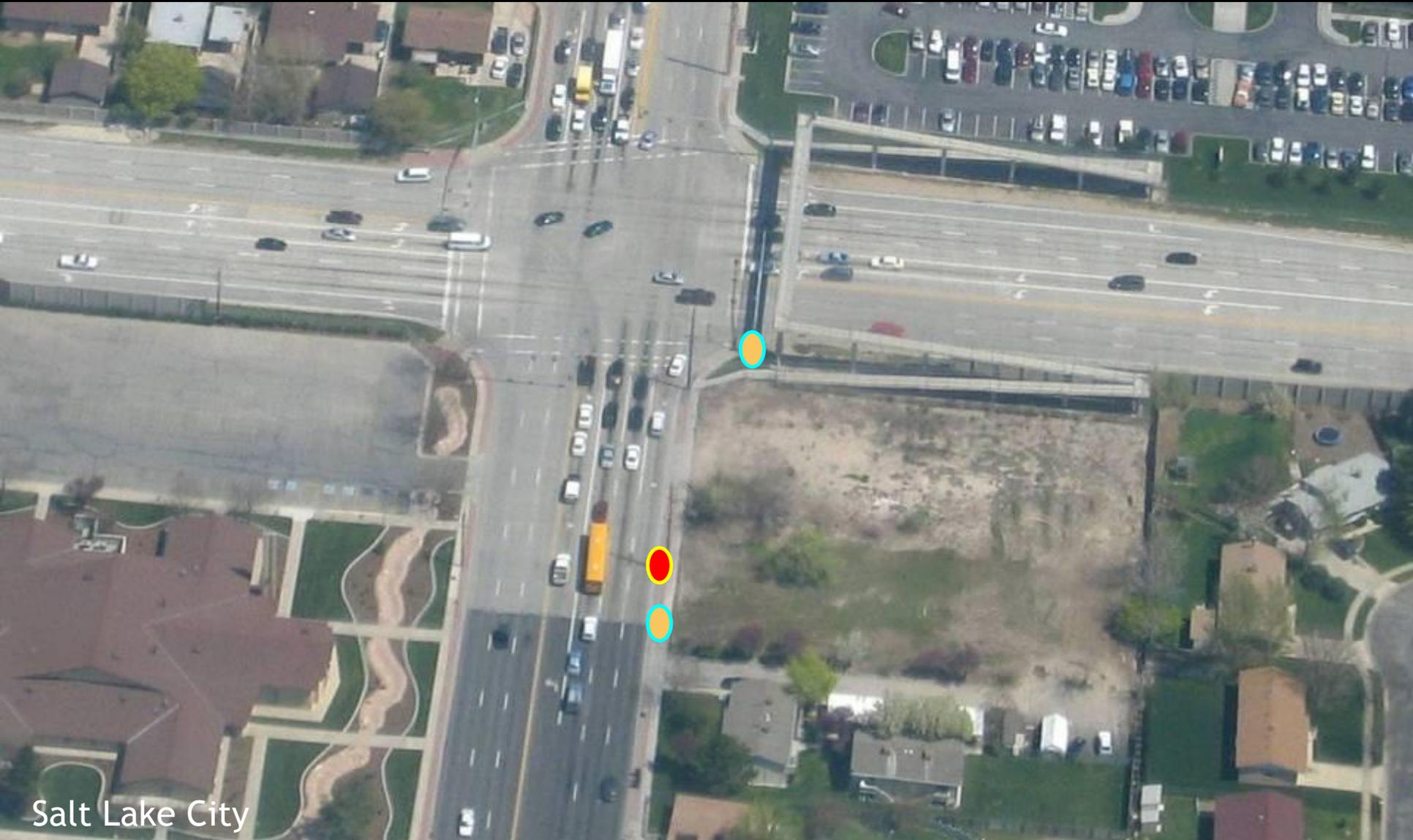


# Analysis of crash data in Nairobi



- Foot overbridges are not preventing pedestrian deaths at crossing locations

# Why people don't use foot bridges



Salt Lake City



Dar es Salaam

# Morogoro Rd, Dar es Salaam - Before



Dar es Salaam

# Morogoro Rd, Dar es Salaam - After





Thank you

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childmobility.info  
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