

Pedestrian road traffic injuries in low and middle income countries

Margie Peden and Meleckidzedeck Khayesi

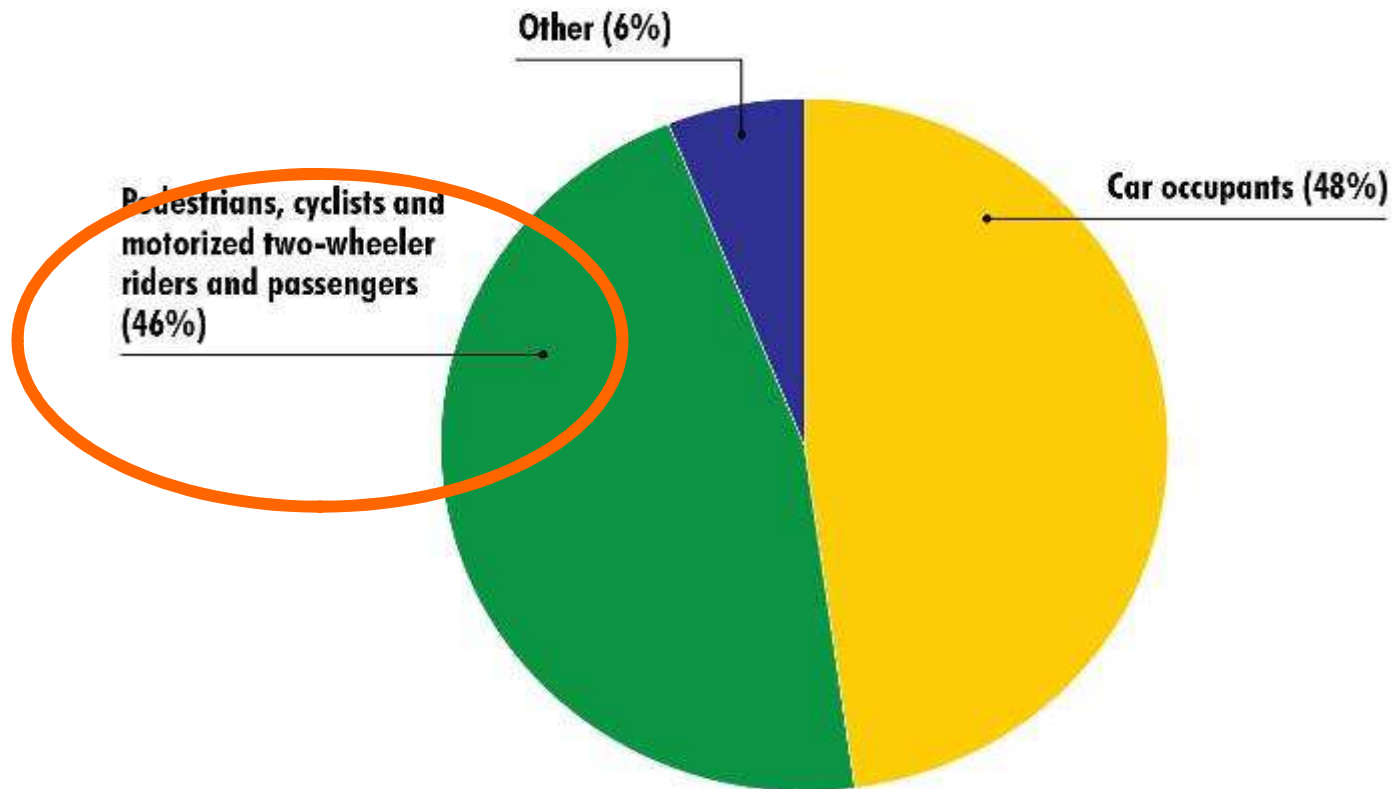
Violence and Injury Prevention and Disability

World Health Organization

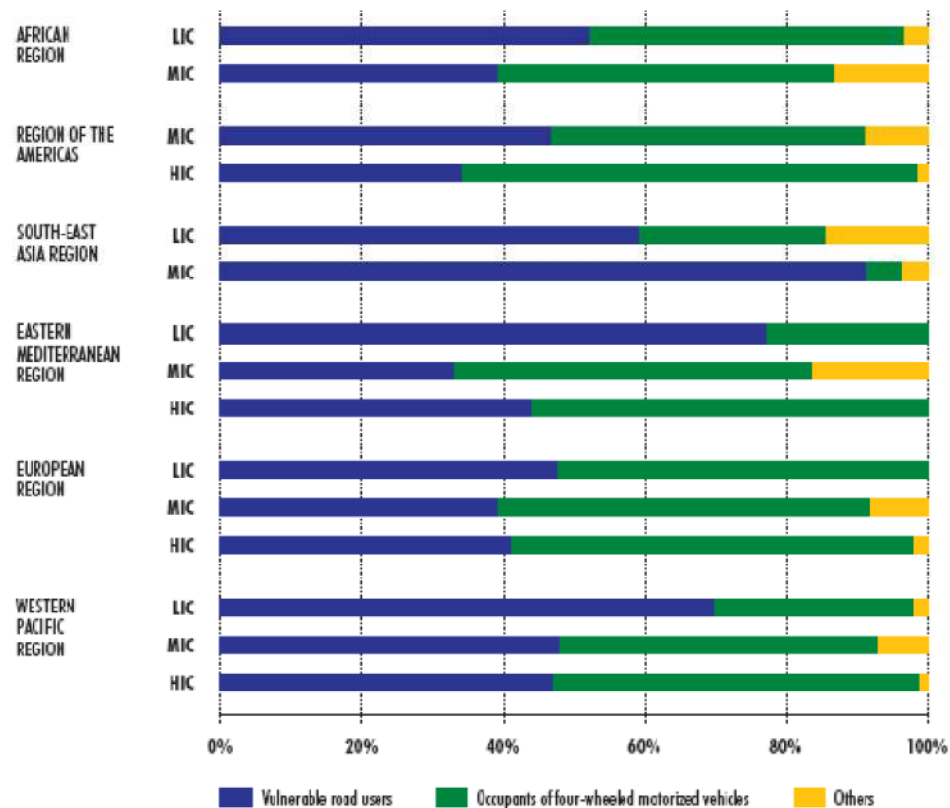


**World Health
Organization**

GLOBAL: ROAD TRAFFIC DEATHS BY TYPE OF USERS



Reported deaths by type of road user (%), by WHO region and income group



World Health Organization

Three main groups of pedestrians requiring attention

- Child, adult, elderly
- Risk factors
- Setting



World Health
Organization

Child pedestrians

- Size
 - Top heavy: fall on head
- Vision
 - Immature depth/distance perception
- Hearing
 - Speed & distance from sound
- Attention
 - Impulsivity & distraction
- Judgement
 - Speed and distance
 - Left and right
- Access to EMS: urban, rural



Adult pedestrian

- Alcohol, one of the risk factors
- Other factors: mobile phone, underestimation of risk, commuter
- Access to EMS: urban, rural areas



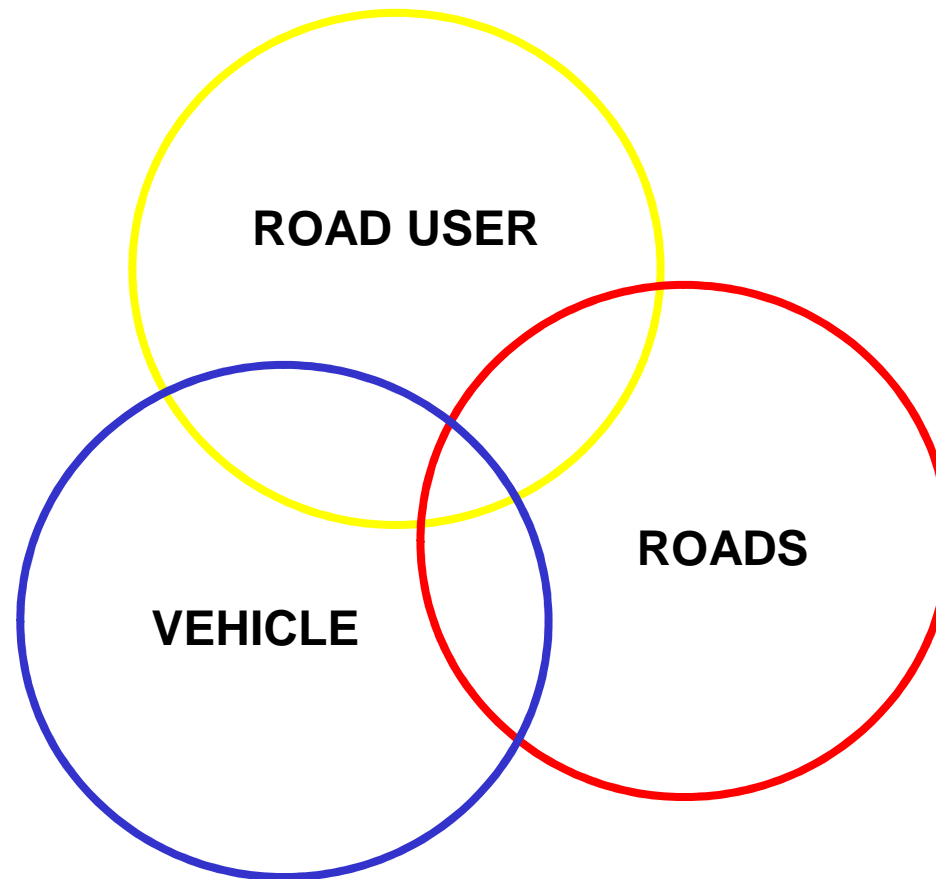
World Health
Organization

Elderly pedestrian

- Decreased reaction time
- Slower
- Unsteady
- Disabilities
- Access to EMS-rural and



Pedestrian safety should be addressed using a “systems approach”



**World Health
Organization**



World Health
Organization



© Carlos Areola-Rissa

Never give a pedestrian a choice between a safe and a convenient crossing.
He will choose the latter.



World Health
Organization

Helmets for children



World Health
Organization

Improve visibility of children



World Health
Organization

Road safety education

- Are basic road safety/traffic skills and knowledge necessary for children?
- When do we offer these skills?
- How do we combine these skills and knowledge with other measures?



World Health
Organization

WHO pedestrian safety good practice manual

- Step-by-step good practice manual/guidance to decision-makers and practitioners on pedestrian safety
- Initial planning stage
- Consultation meeting, October 2010



World Health
Organization

Conclusions

- Action is required at several fronts
 - Research
 - advocacy
 - Policy
 - Interventions
- “Walking should not be a death sentence...” (Kobusingye 2010)
- What are you going to do about pedestrian safety when you get back to your station?



Thank you !



World Health
Organization