

Protecting the Most Vulnerable:

Rethinking Motorcycle Safety in Asia-Pacific

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Webinar Series: Protecting Lives: Children, youth and vulnerable road users within the Safe System

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asiantransportobservatory.org



52 Economies (ADB Members + Russia and Iran)

460 Urban Centers (412 Asia-Pacific, 48 International)

>50 Urban Centers with a detailed review



ATO National Database

Explore over 450 transport indicators from 51 economies divided across nine categories



ATO National Transport Policy Documents Database

Explore close to 1100 transport policy documents in Asia and the Pacific



ATO Urban Database

Explore more than 260 urban level transport indicators across nine categories



ATO Cost Database

Explore more than 1,300 transport-related projects and benchmark their costs within subregions or income groups in Asia and the Pacific



ATO Analytical Outputs

Read about analysis made using ATO transport data and policy information

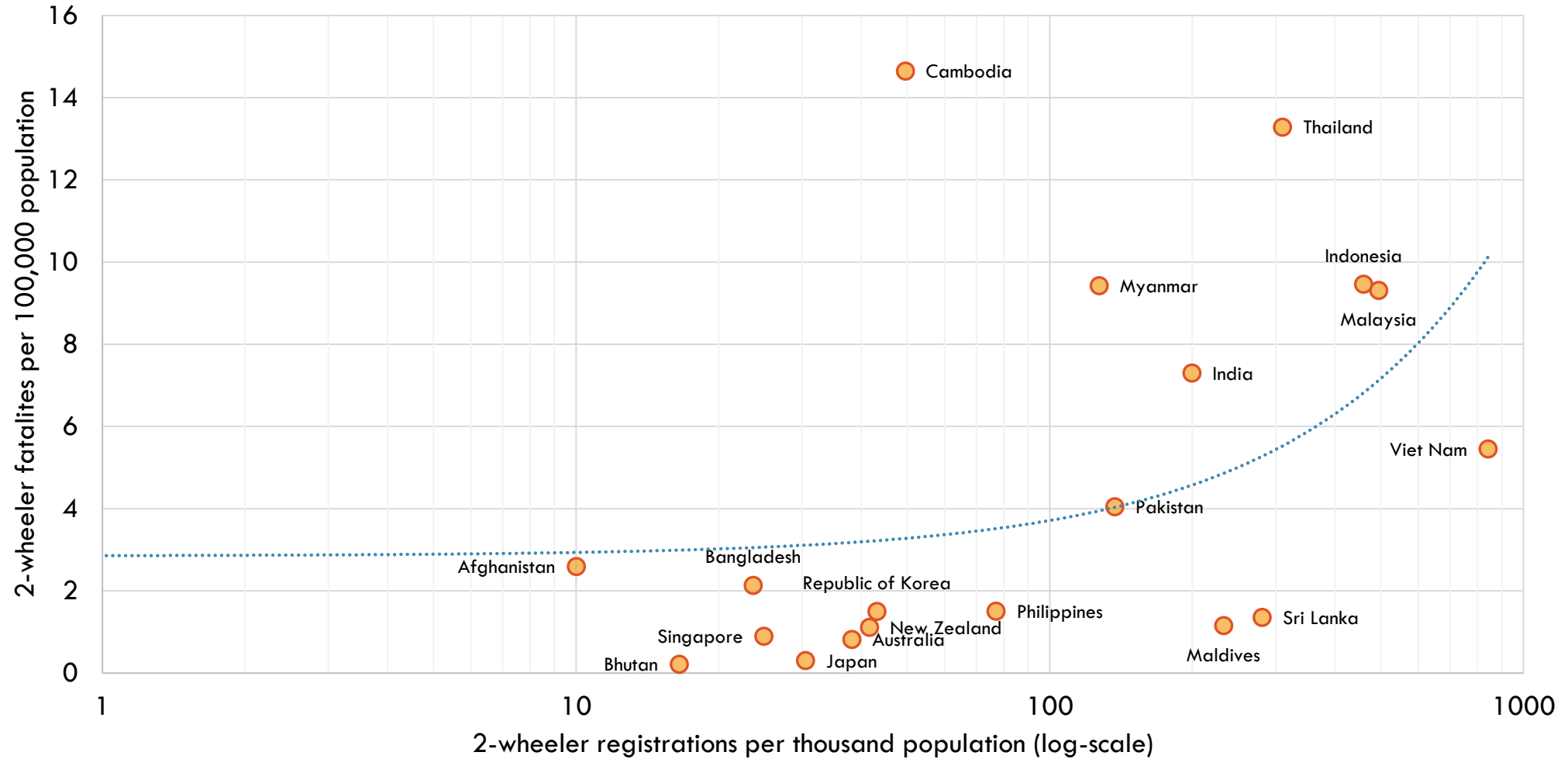
Post-pandemic mobility recovery has deepened Asia-Pacific's dependence on motorcycles

Average mode share in the Asia-Pacific



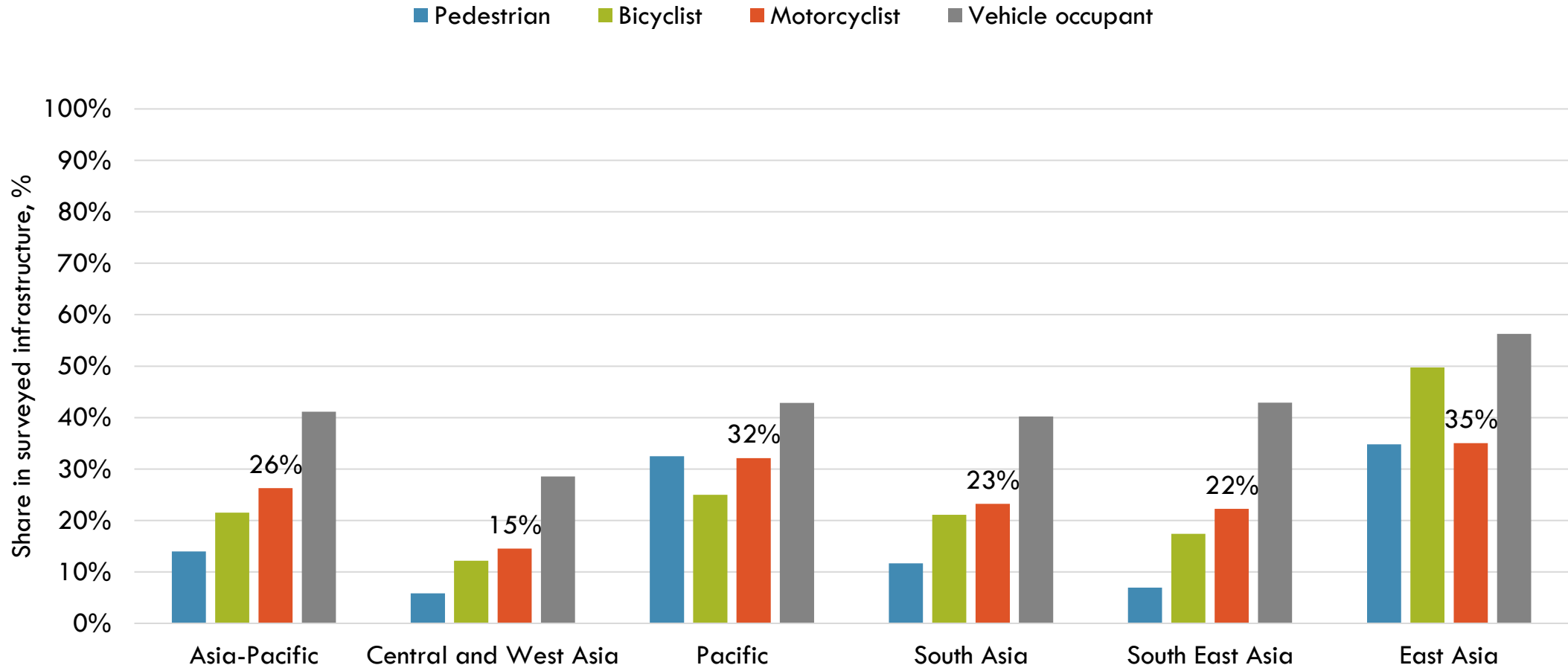
High motorcycle dependence continues to translate into disproportionate safety risk

2&3-wheeler motorization rate vs. 2&3-wheeler fatality rate, 2021



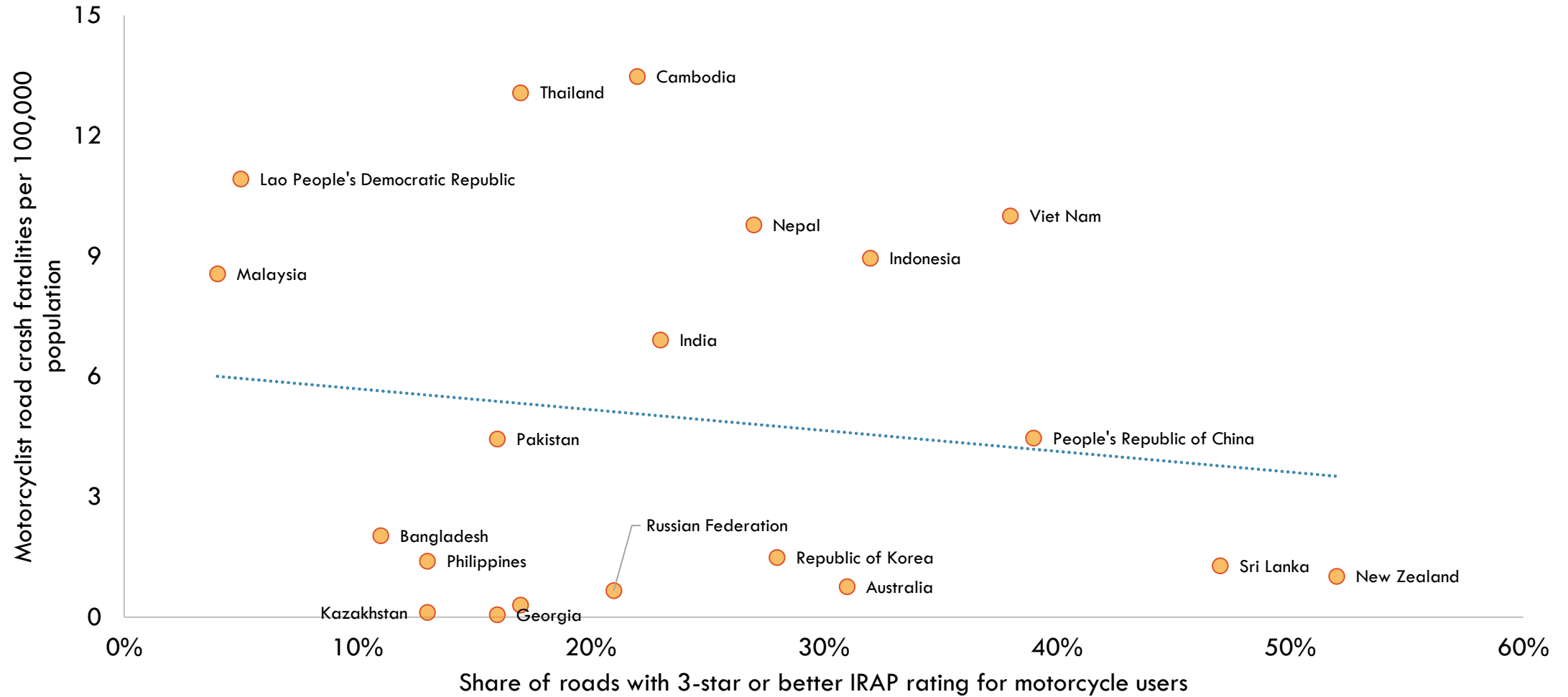
Only a quarter of the infrastructure remains reliably safe for motorcycle users

Share of road infrastructure with 3 stars or better rating, by road user (as of 2024)



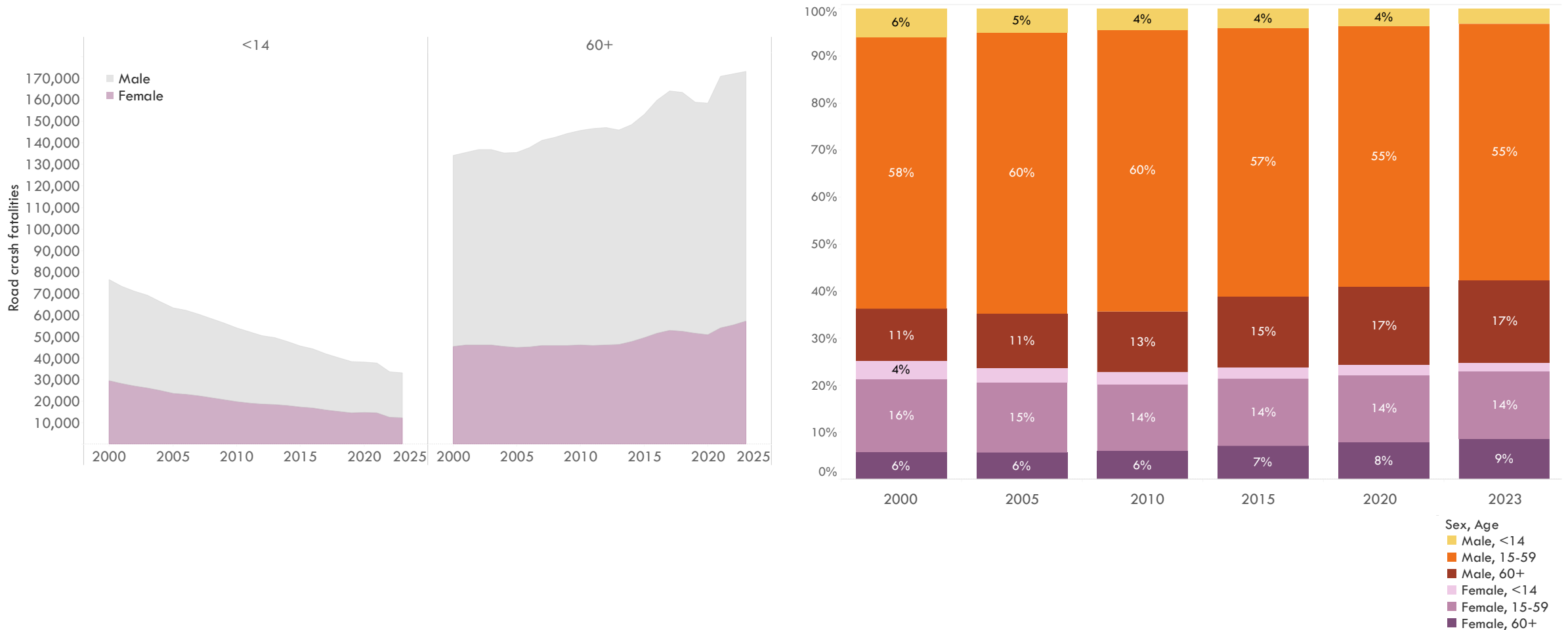
Motorcycle-heavy mobility systems continue to face persistent safety challenges

Motorcycle road crash fatality rate vs. IRAP rating



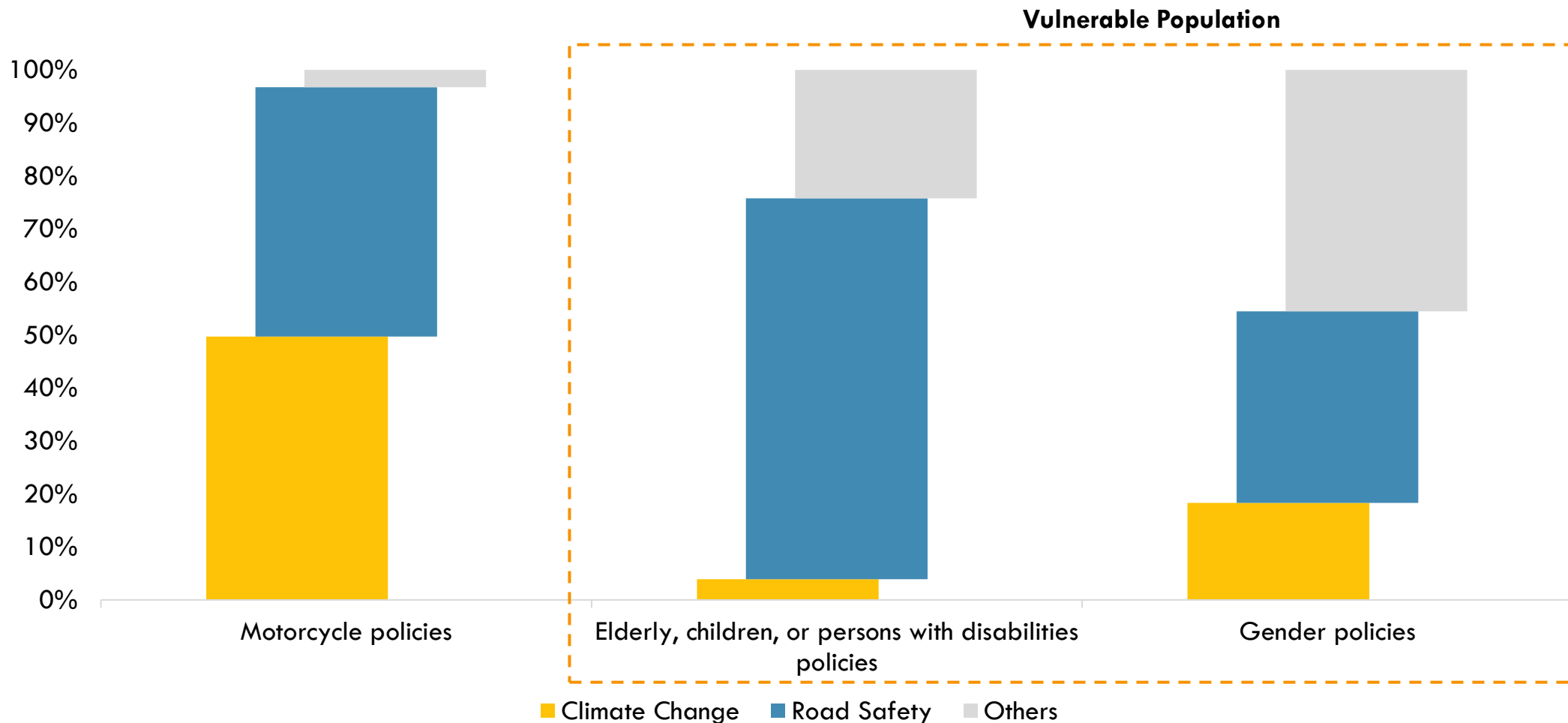
Vulnerability on roads is shaped by age, gender and unequal exposure

Road crash fatality – disaggregated by gender and age



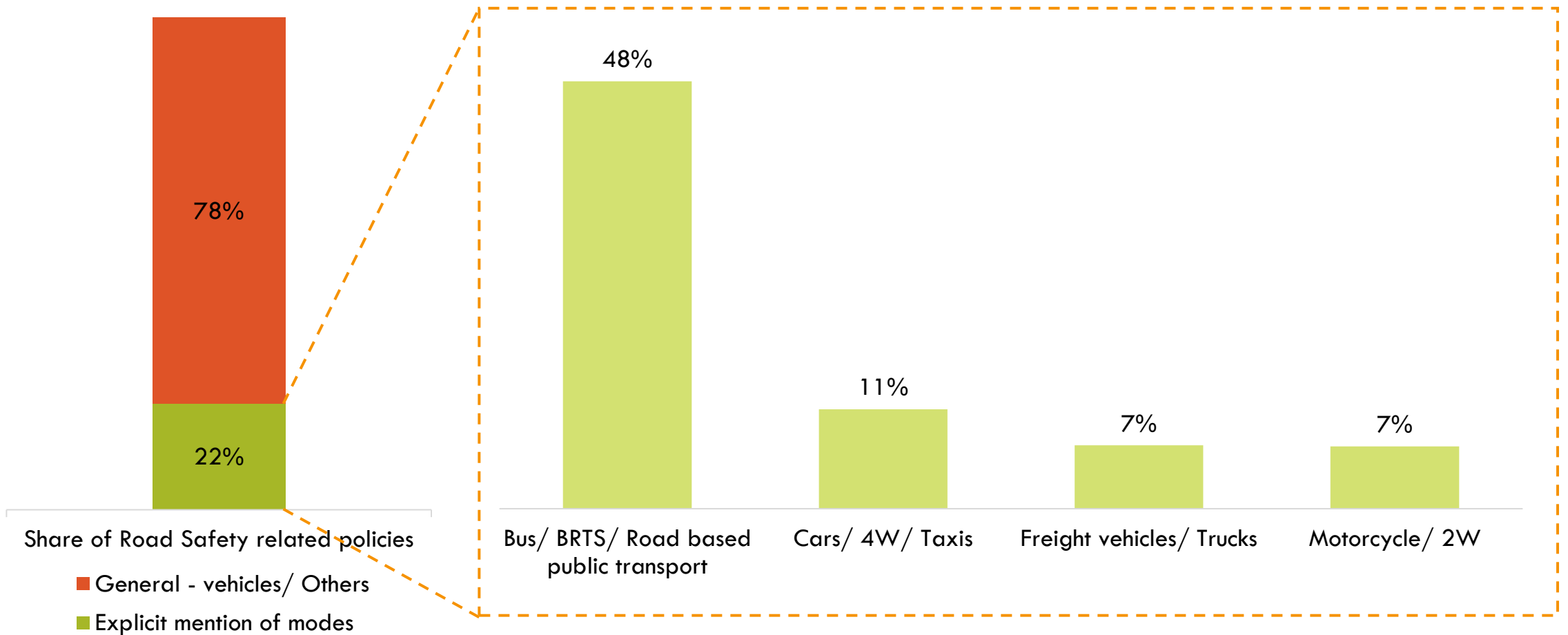
Motorcycles and vulnerable populations are governed by fundamentally different policy priorities

Policy Measures tagged by theme



Most road safety policies remain mode-agnostic — motorcycles receive limited targeted attention

Share of Road Safety related policies



Policy blind spots remain at the intersection of motorcycles and vulnerable populations

1,300+ policy documents

16,000+ policy measures & targets

250+ Motorcycle related policies

300+ Vulnerable population related policies

But only 2 at the intersection of Motorcycles and Vulnerable population,
that too, NOT in the Road Safety theme

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“ATO translates data into insights, policies, and investments”

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