



# Road Safety in CAREC Region – State of Play

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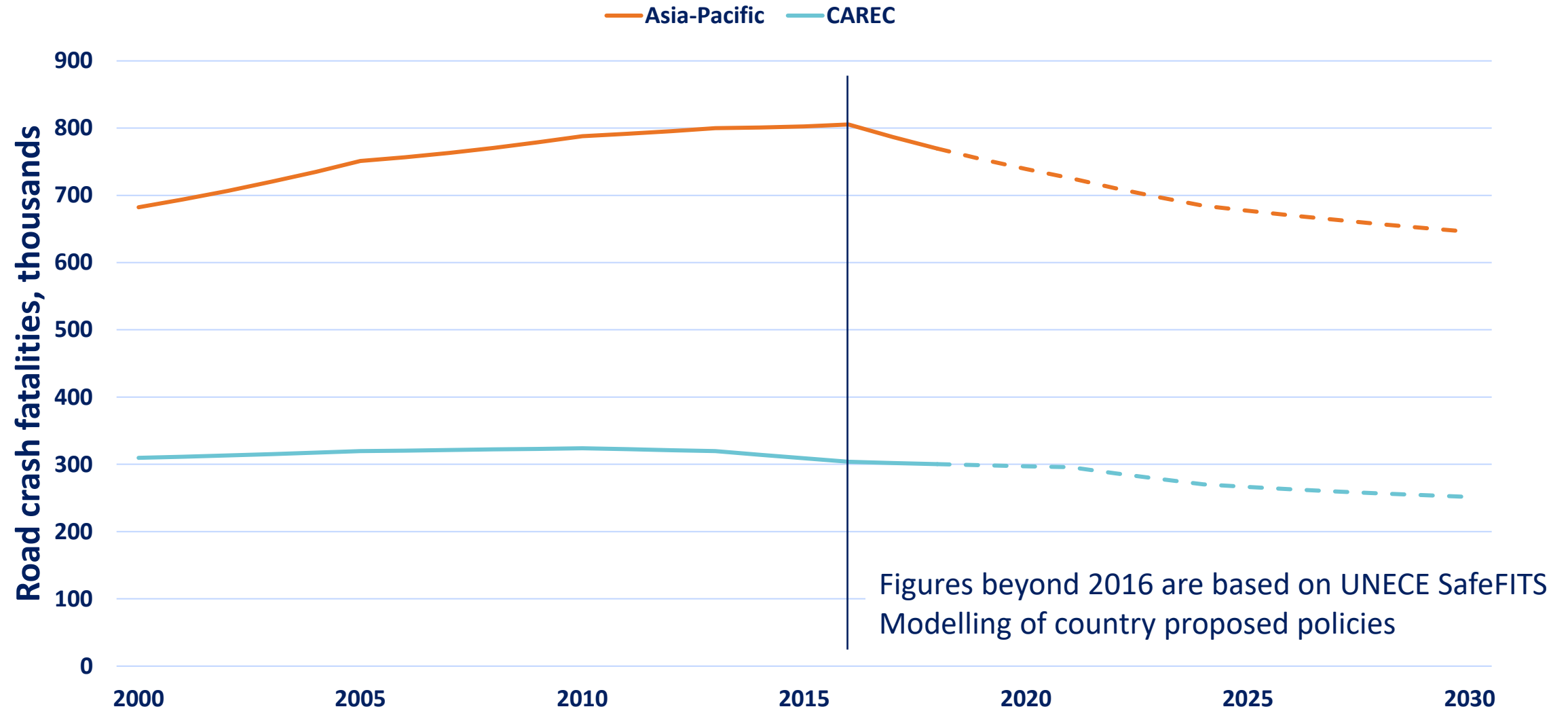
David Shelton (ADB)

**CAREC Highways Workshop**  
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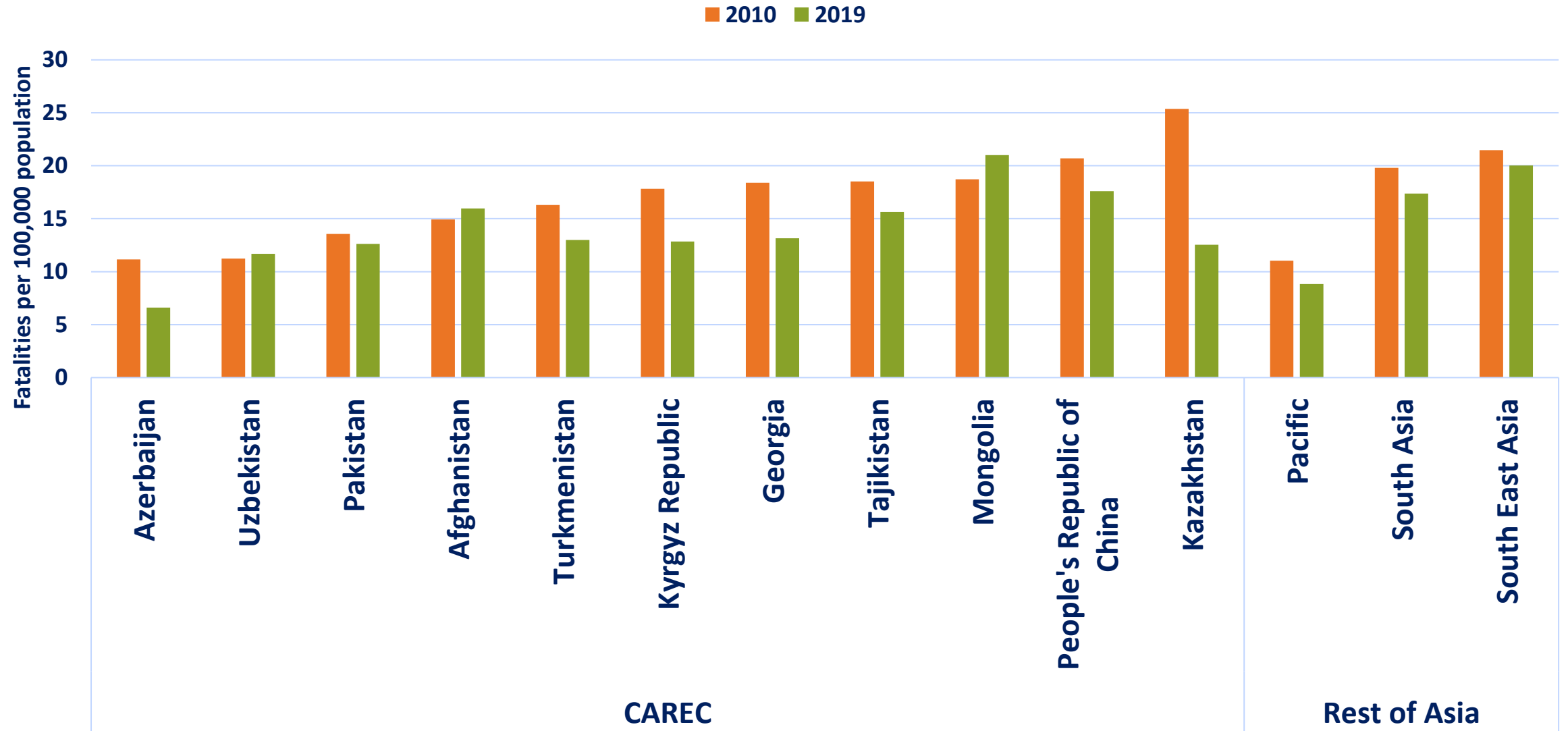


Photo credit: CABAR

# Road crash fatalities in Asia-Pacific and CAREC

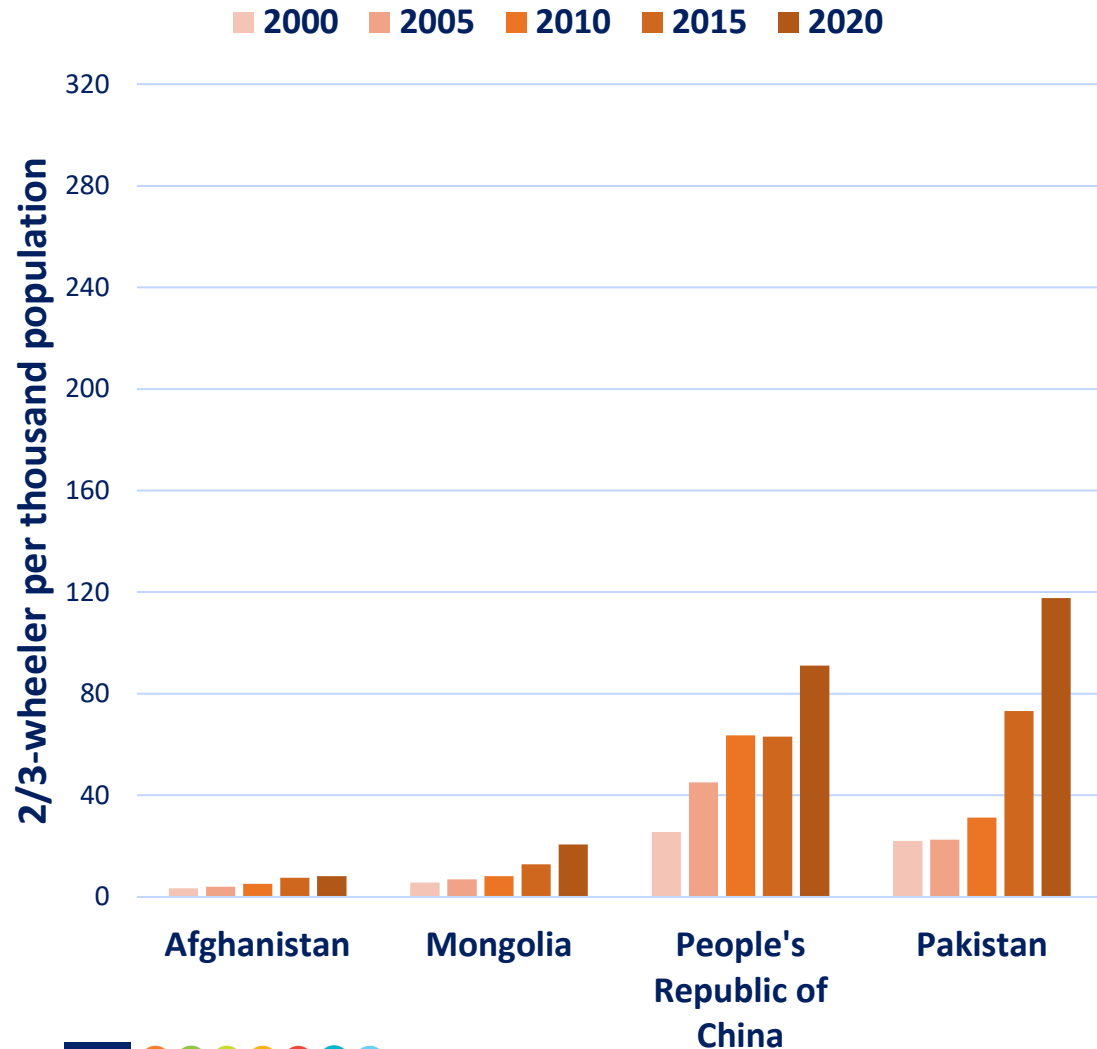


# Road crash fatality rates, 2010-2019

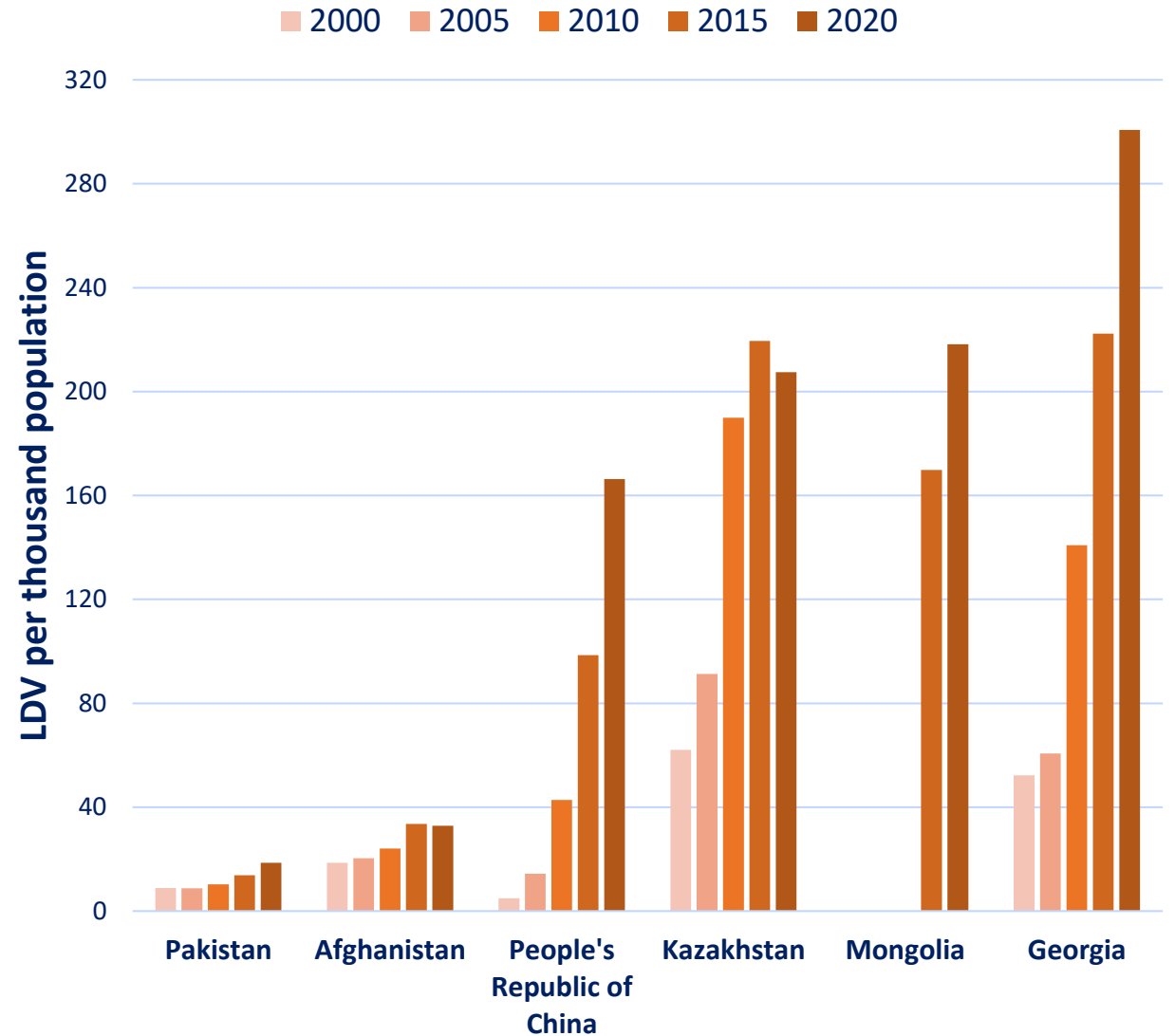


# 2/3-wheeler and LDV per thousand population

2/3-wheeler per thousand population, 2000-2020

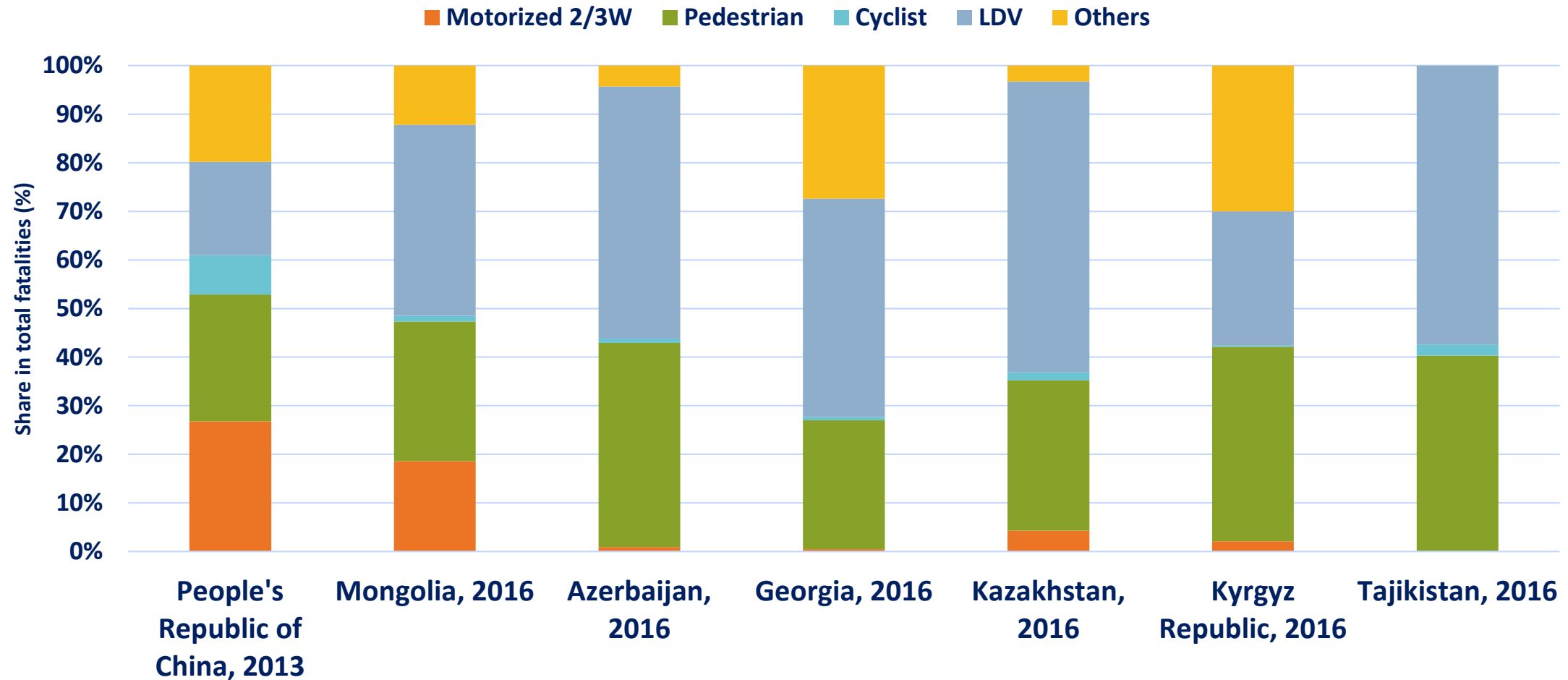


LDV per thousand population, 2000-2020



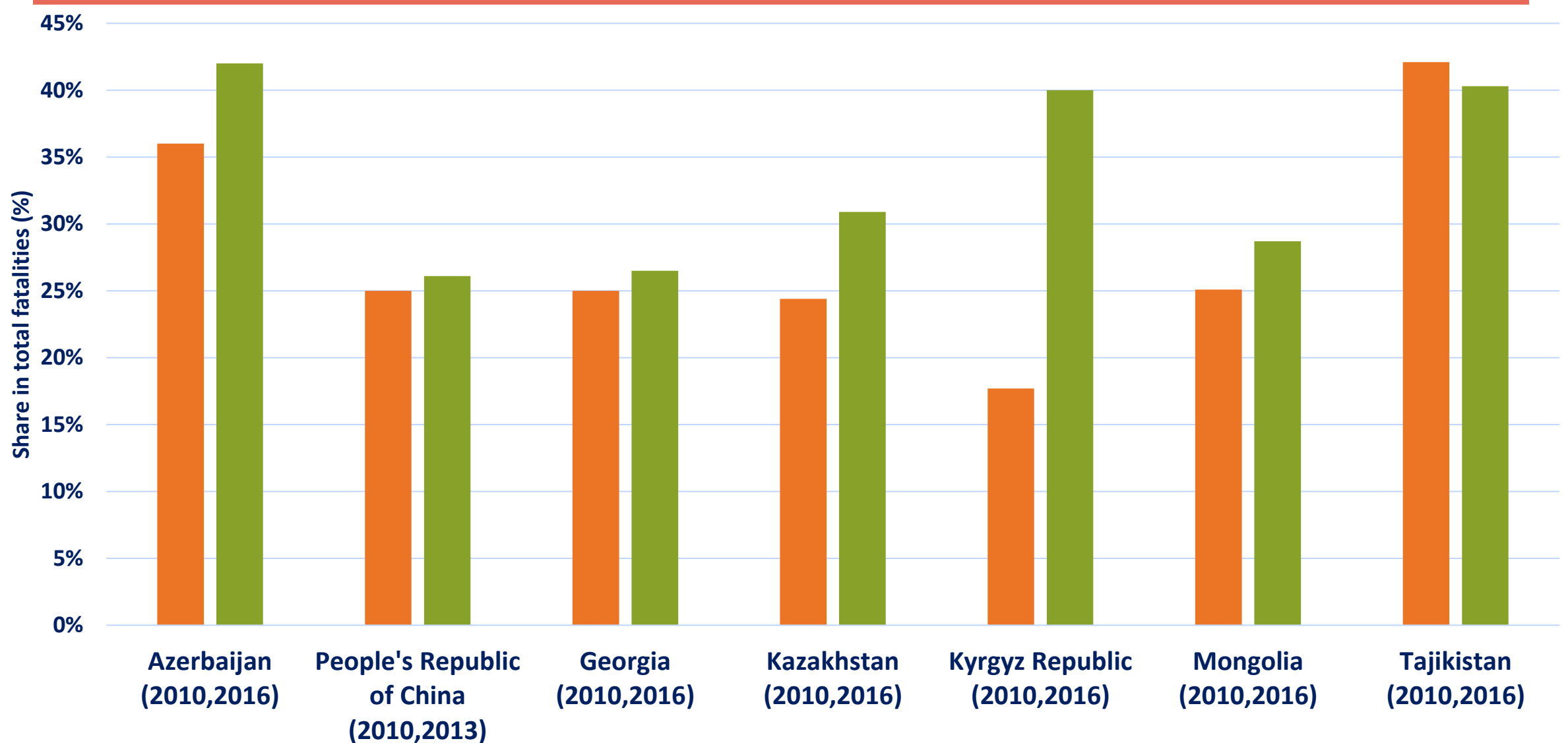
# Road Crash Fatalities by Road User

Share (%) of road crash fatalities by road user



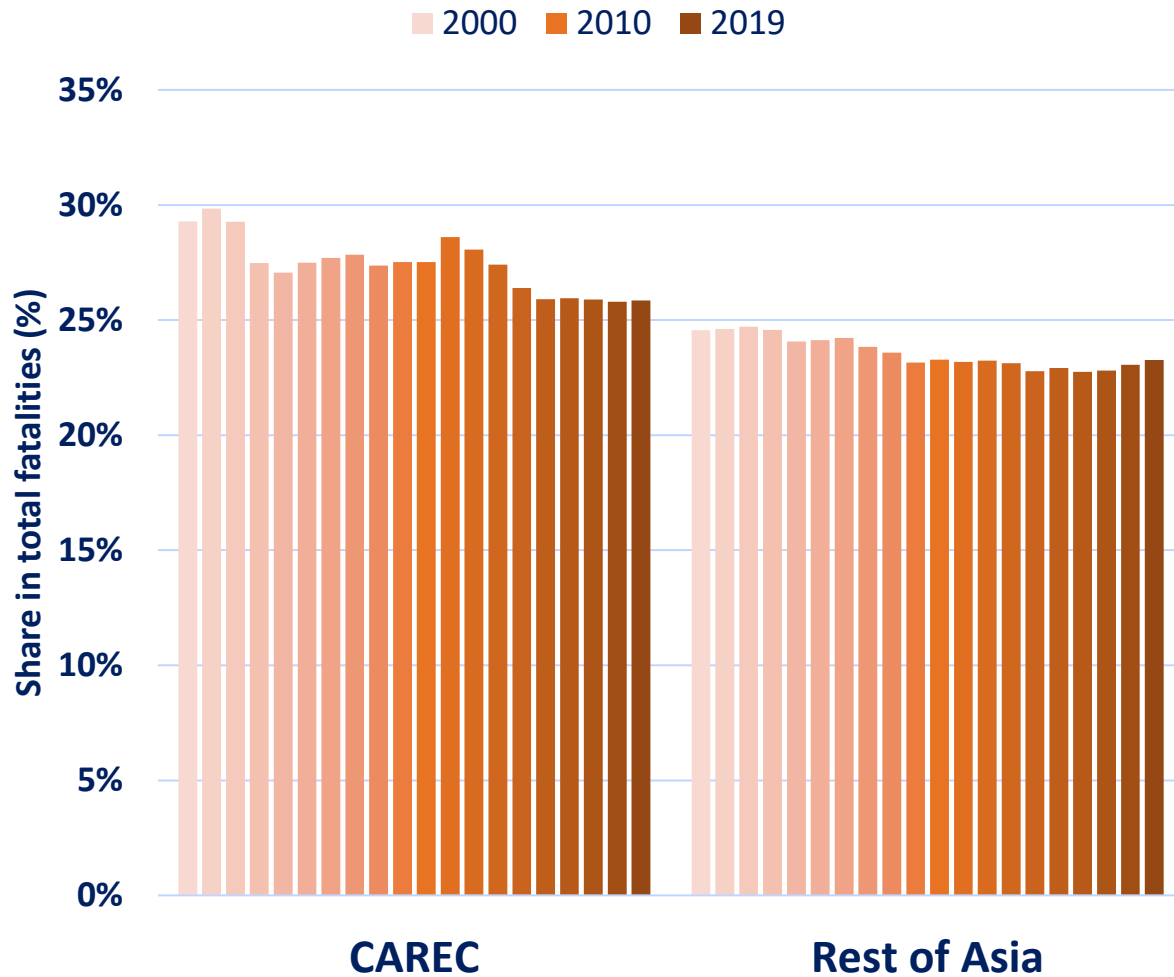
Source: ATO, WHO

# Share of pedestrian deaths in road crash fatalities

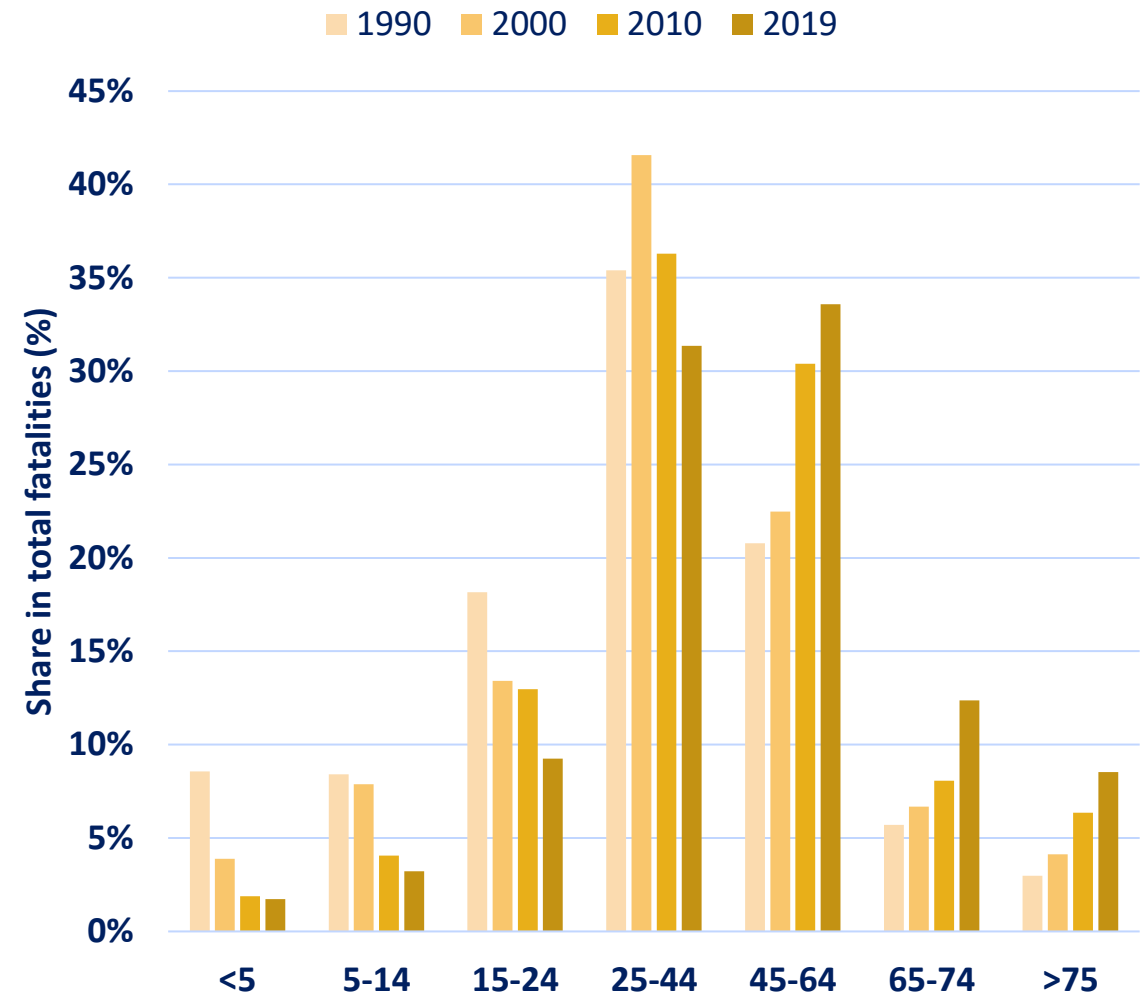


# Other Vulnerable Users in Road Crashes

## Share of female fatalities



## Share of road crash fatalities by age group

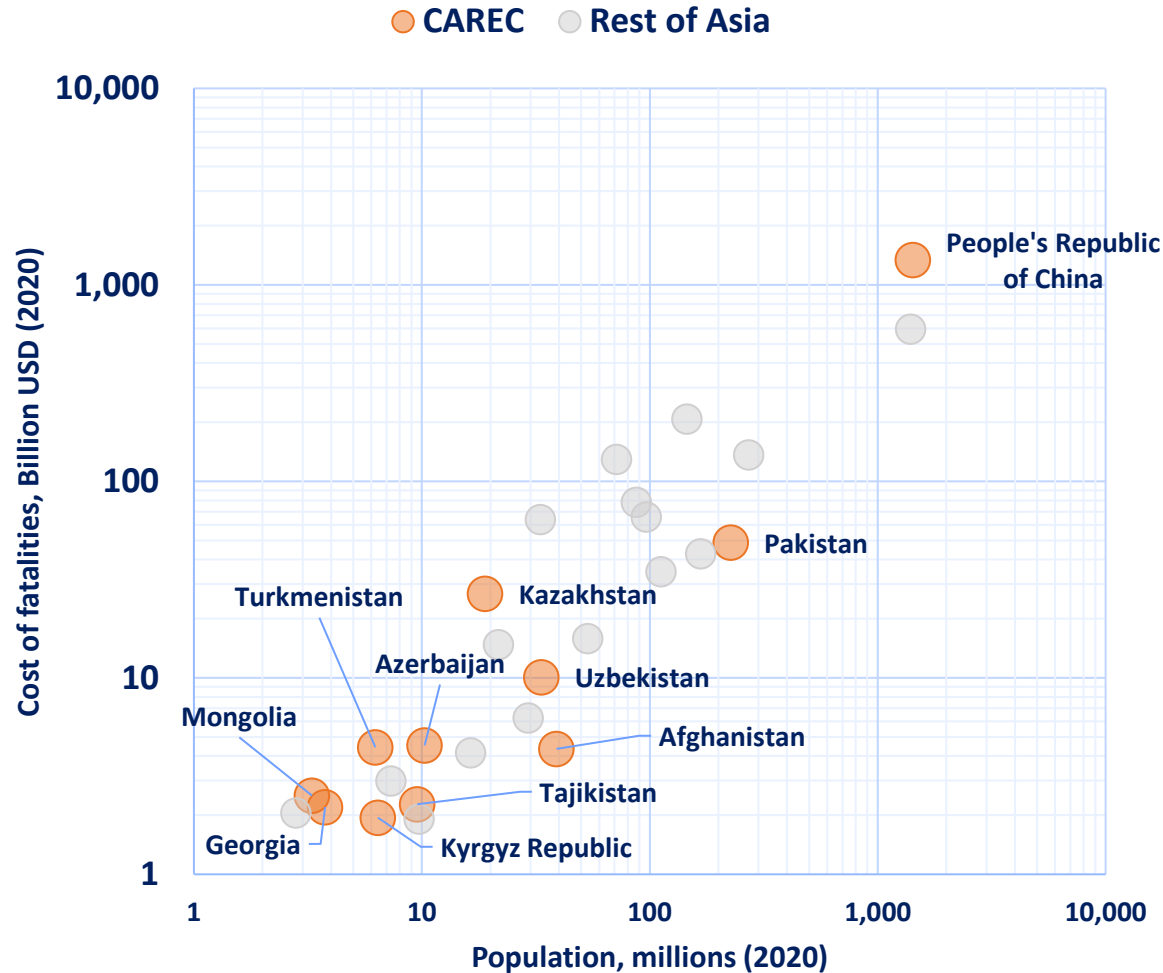


Source: ATO, WHO

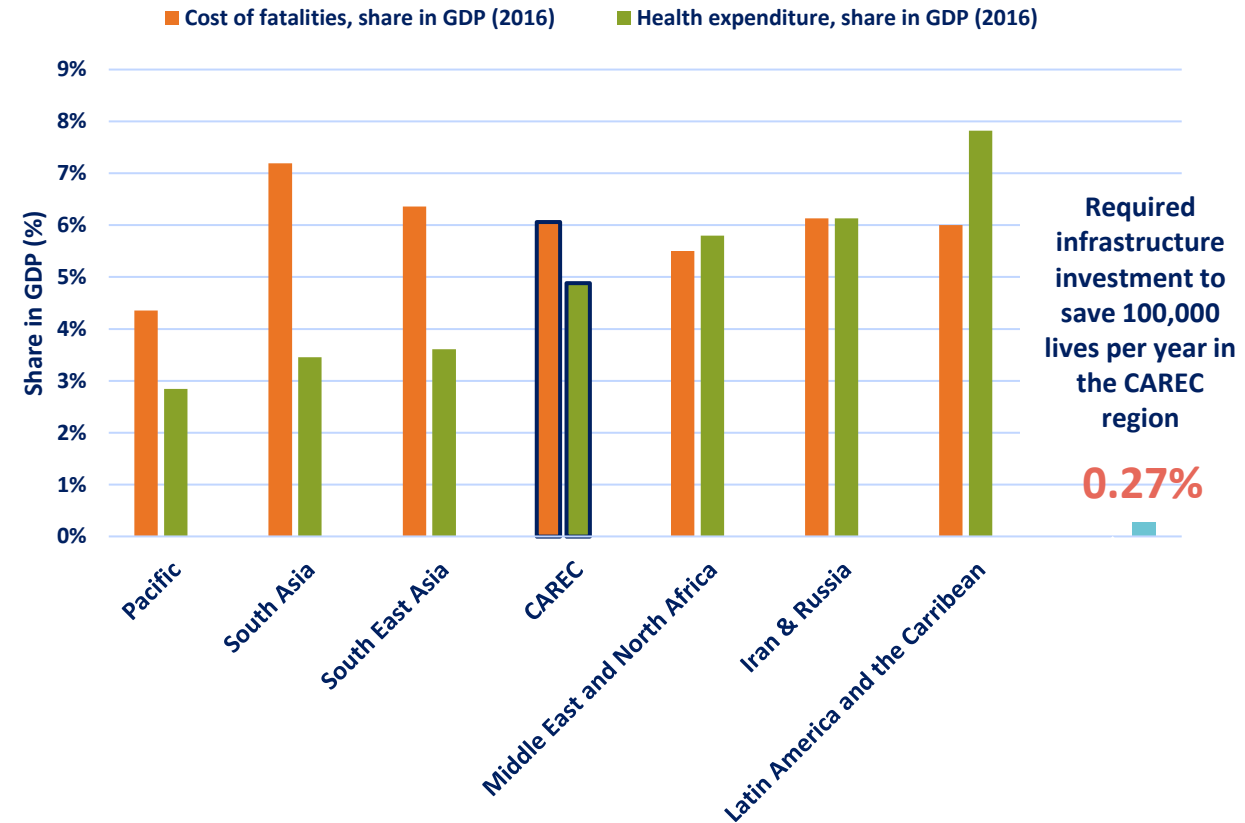
Source: ATO, WHO

# Costly Road Crash Fatalities and Injuries

Cost of fatalities and injuries vs. population (2020)



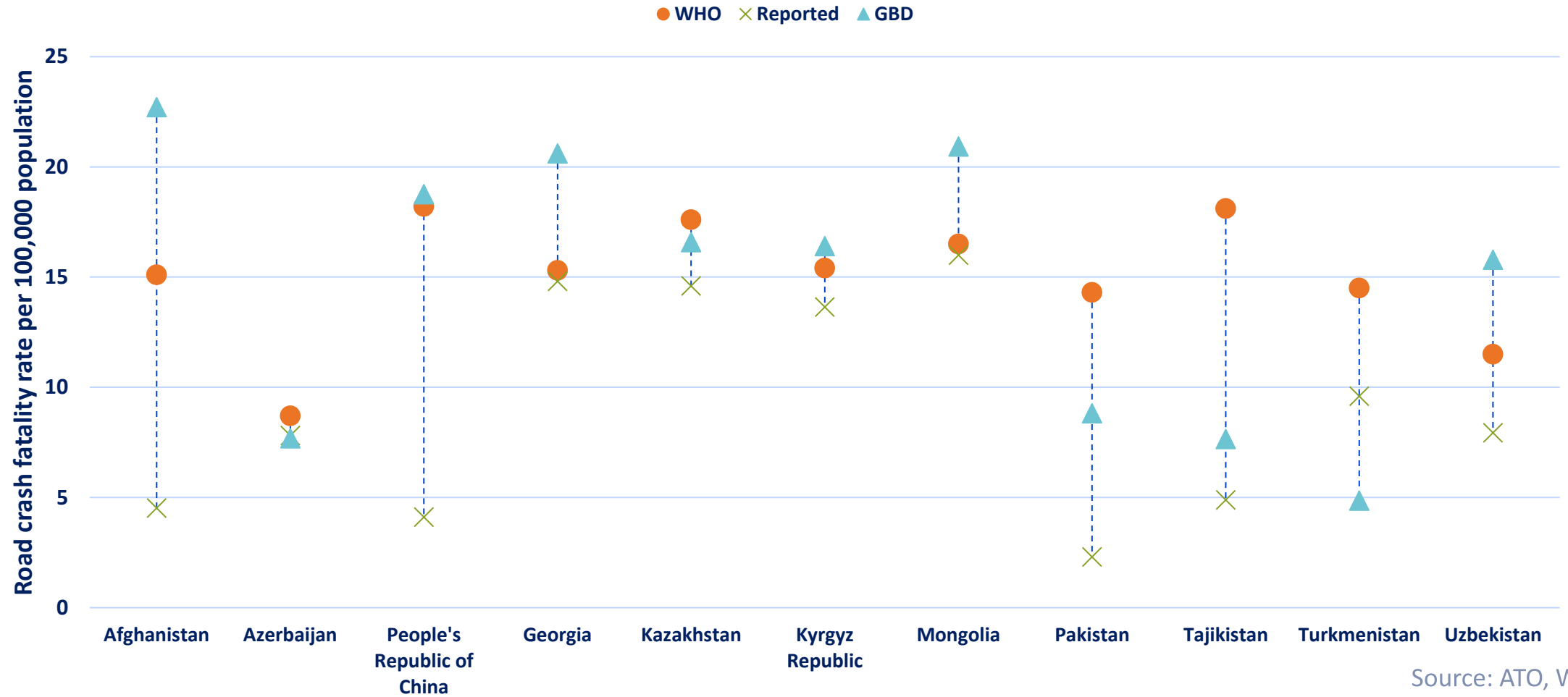
Cost of road crash fatalities vs. health expenditure





# If you can't measure it, you can't improve it

Estimated vs reported road fatality rate, 2016



Source: ATO, WHO

# Road Safety Policy



# Road Safety Strategies

Road crash fatality 50% reduction in Asia-Pacific



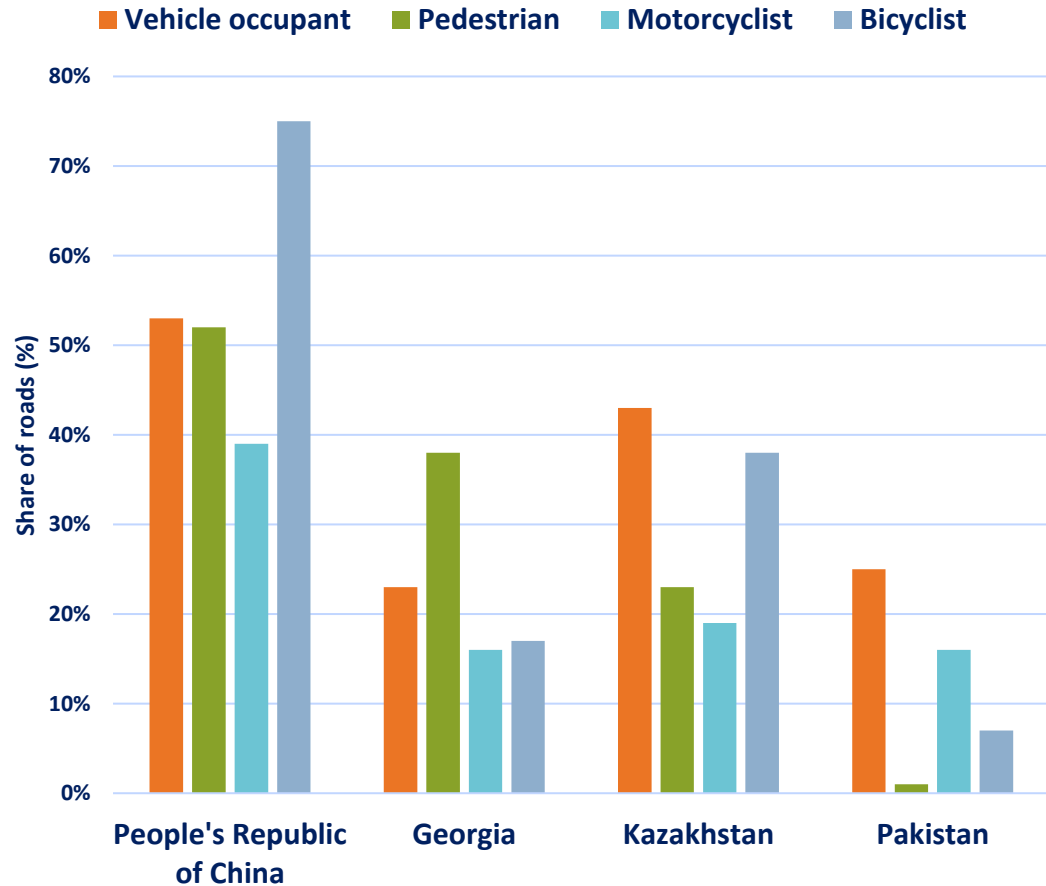
Source: ATO, WHO, UNECE

Country	Active Road Safety Target	Latest Road Safety Strategy	Safe Systems Approach	Funding of Strategy
<b>Afghanistan</b>			-	-
<b>Azerbaijan</b>	Reduce deaths due to road crashes by 30% by 2023	2019	Yes	-
<b>People's Republic of China</b>	Annual reduction of 3%	2022	Yes	<b>Partial</b>
<b>Georgia</b>	Reduce fatalities and injuries by 25% in 2025	2022	Yes	<b>Partial</b>
<b>Kazakhstan</b>		2017	-	<b>Partial</b>
<b>Kyrgyz Republic</b>		2019	No	<b>Partial</b>
<b>Mongolia</b>		2019	Yes	<b>Partial</b>
<b>Pakistan</b>	Save 6000 lives by 2030	2020	Yes	Full
<b>Tajikistan</b>	Reduce fatalities by 50% by 2030	2016	Yes	<b>Partial</b>
<b>Turkmenistan</b>			-	-
<b>Uzbekistan</b>			-	-

Source: ATO, National Policies

# Road Safety Legislation

Share of audited roads with 3-star or better rating by road user, 2021

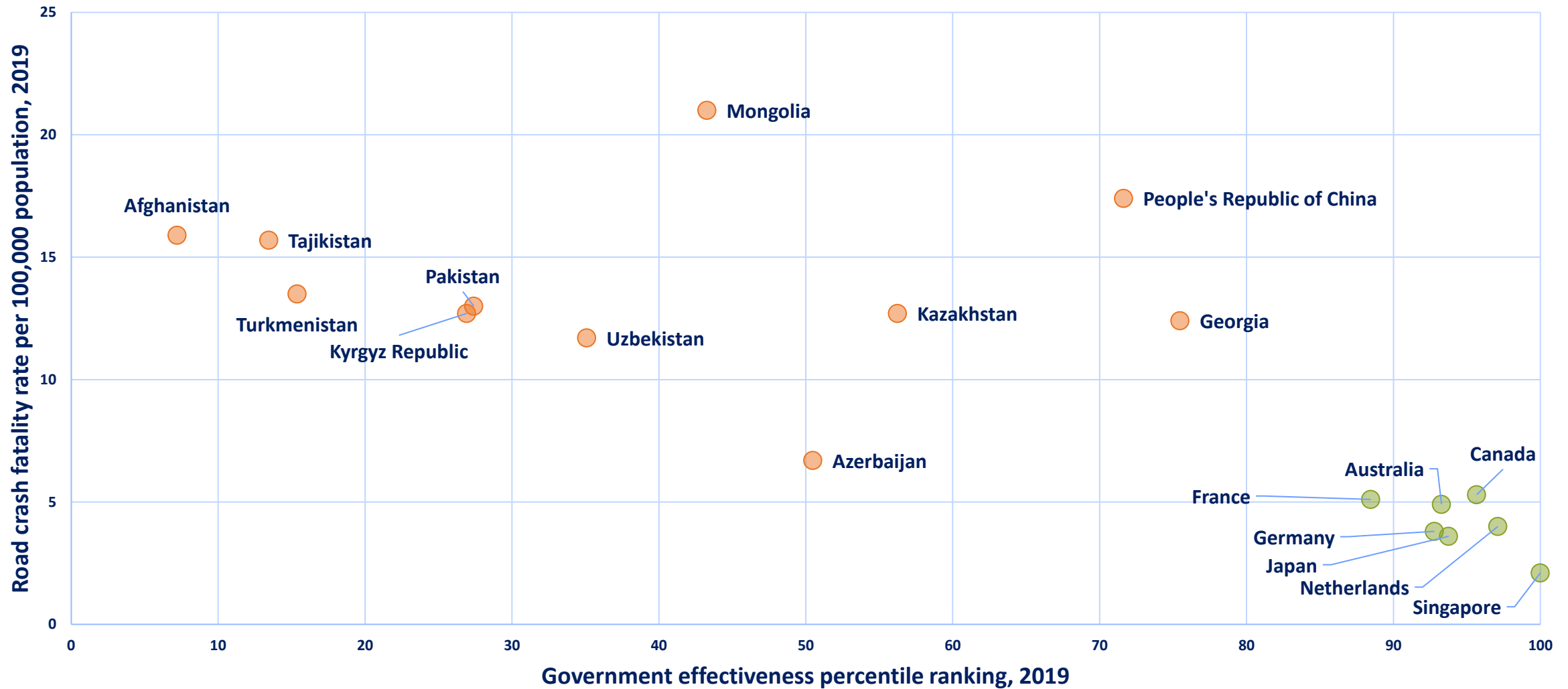


Source: ATO, IRAP

Country	Enforcement (1=poor, 10=good)	Helmet wearing	Speed limit on urban roads (kph)
People's Republic of China	6	20%	50
Mongolia	1	-	60
Afghanistan			90
Georgia	7	-	60
Kazakhstan	7	-	60
Tajikistan	6	95%	60
Turkmenistan	9	-	60
Uzbekistan	10	-	70

Source: ATO, WHO

# Government effectiveness vs. road crash fatality rate



Source: ATO, WHO, World Bank