

An international perspective on impaired driving from the ESRA project

Alcohol interlock Symposium, Oslo, Norway – 18/09/2023

Uta Meesmann - Vias institute, Brussels, Belgium



What is ESRA?



ESRA initiative

International network

- Coordinated by Vias institute & Steering Group
- 40 partners - 68 countries – 6 continents
- Heart: 'E-survey on road users' attitudes'
- Funding: partners' own resources (or sponsors)



Aim & objectives

- Provide **scientific support** for road safety policy at national and international levels
- Make internationally **comparable** data available on the current road safety situation in countries all over the world
- Develop a series of reliable, cost-effective and comparable **road safety performance** indicators
- Develop time series on road safety performance

Evolution, partners & sponsors



Funding was secured by the ESRA partners, from national or international sources. Part of the funding for Vias institute is provided by the Belgian Federal Public Service Mobility & Transport.



ESRA2 methodology



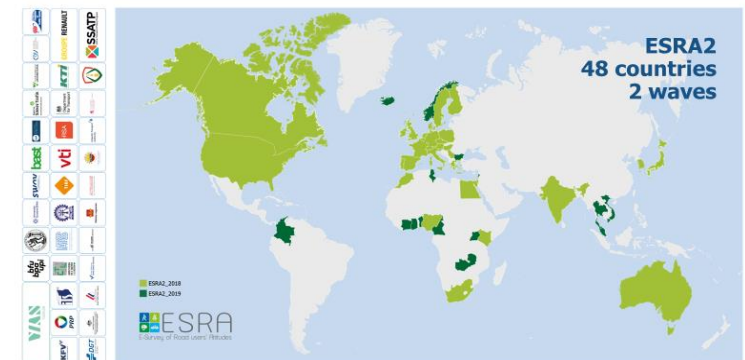
Identical method & questionnaire - Online panel survey

ESRA2: 48 countries

- Total sample N=45 000
 - ≥ 1000 road users per country
 - Representative sample of the national adult population (18+) based on age*gender
- 62 national language versions
- 28 questions (>300 variables)
- Length of the interview = 20 min

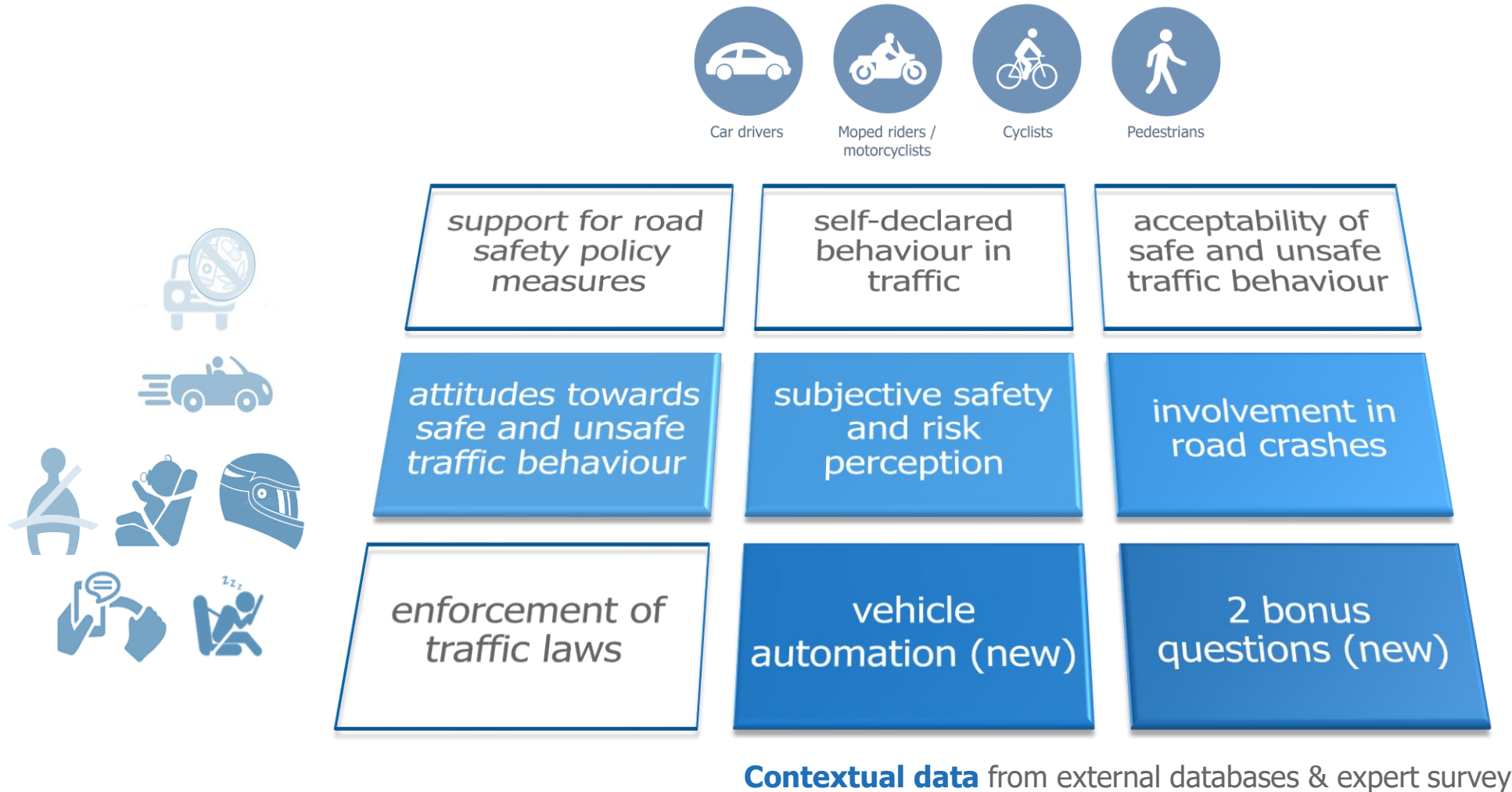
Calculation of weighted regional and national **means**

- 4 regional means: Europe24, AsiaOceania9, America3, Africa12



ESRA2 main topics & themes

(over 300 variables collected)



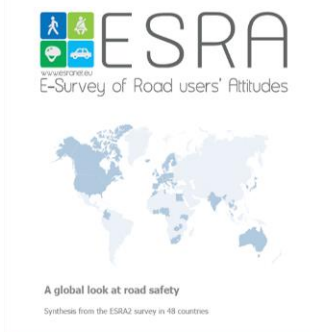
ESRA2 Key results on DUI www.esranet.eu



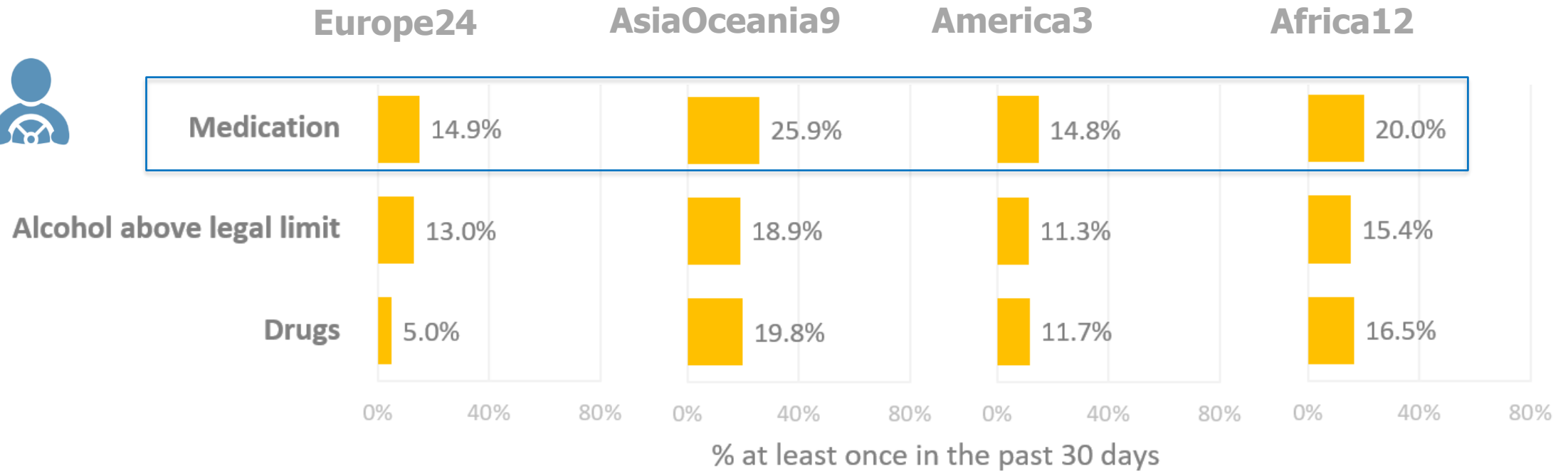
Home > Publications 2 > ESRA2 publications

Main reports, thematic reports and country fact sheets

- Main reports ▼
- Thematic reports ▼
- Country fact sheets - Europe ▼
- Country fact sheets - America (North/Central/South) ▼
- Country fact sheets - Asia & Oceania ▼
- Country fact sheets - Africa ▼
- National reports ▼
- Regional reports ▼



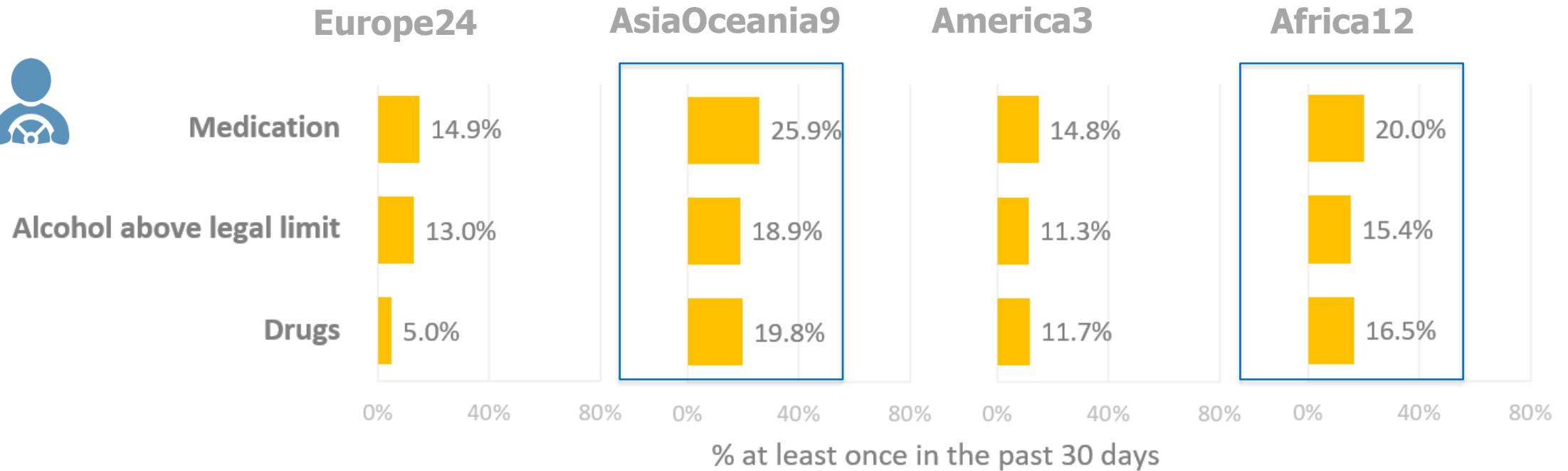
Self-declared DUI alcohol, drugs and medication



Reference population: car drivers at least a few days a month



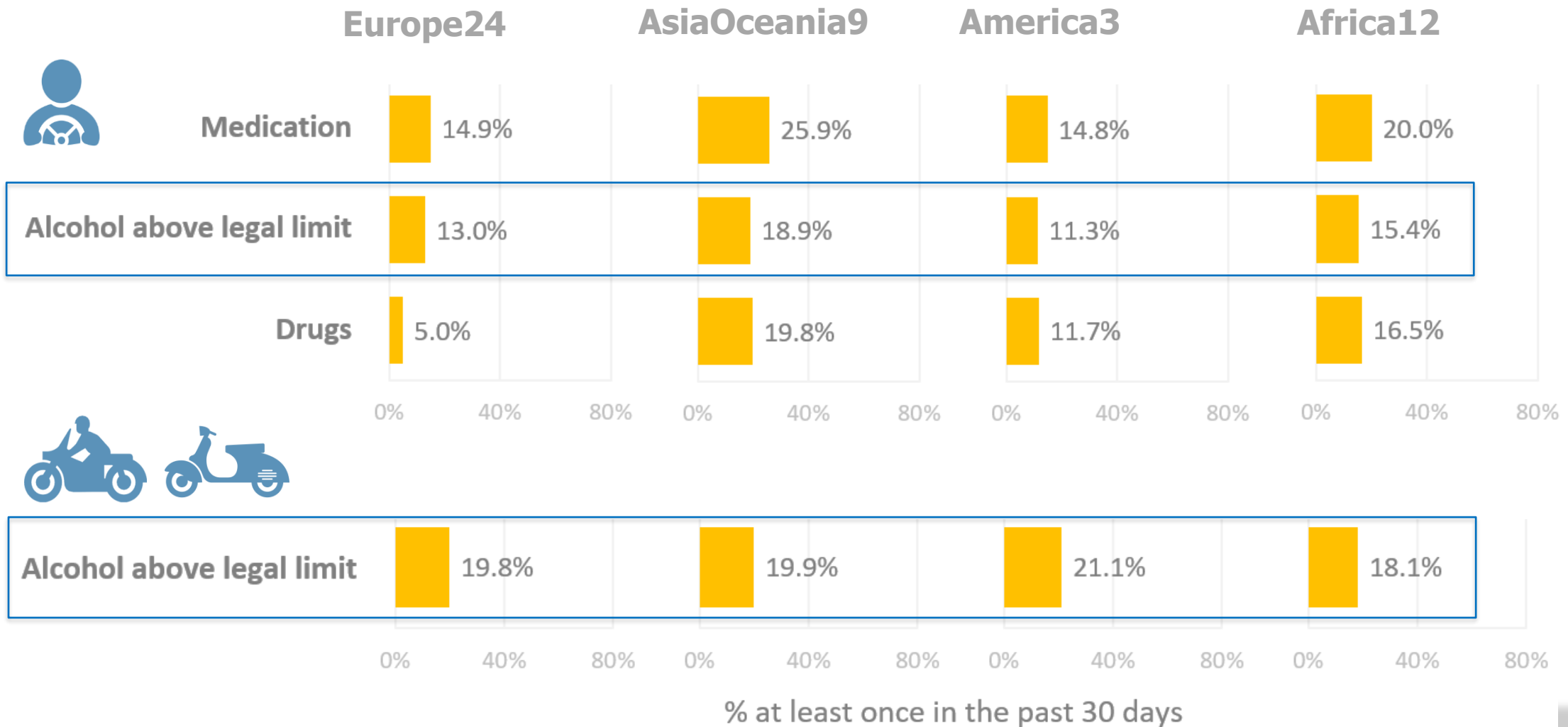
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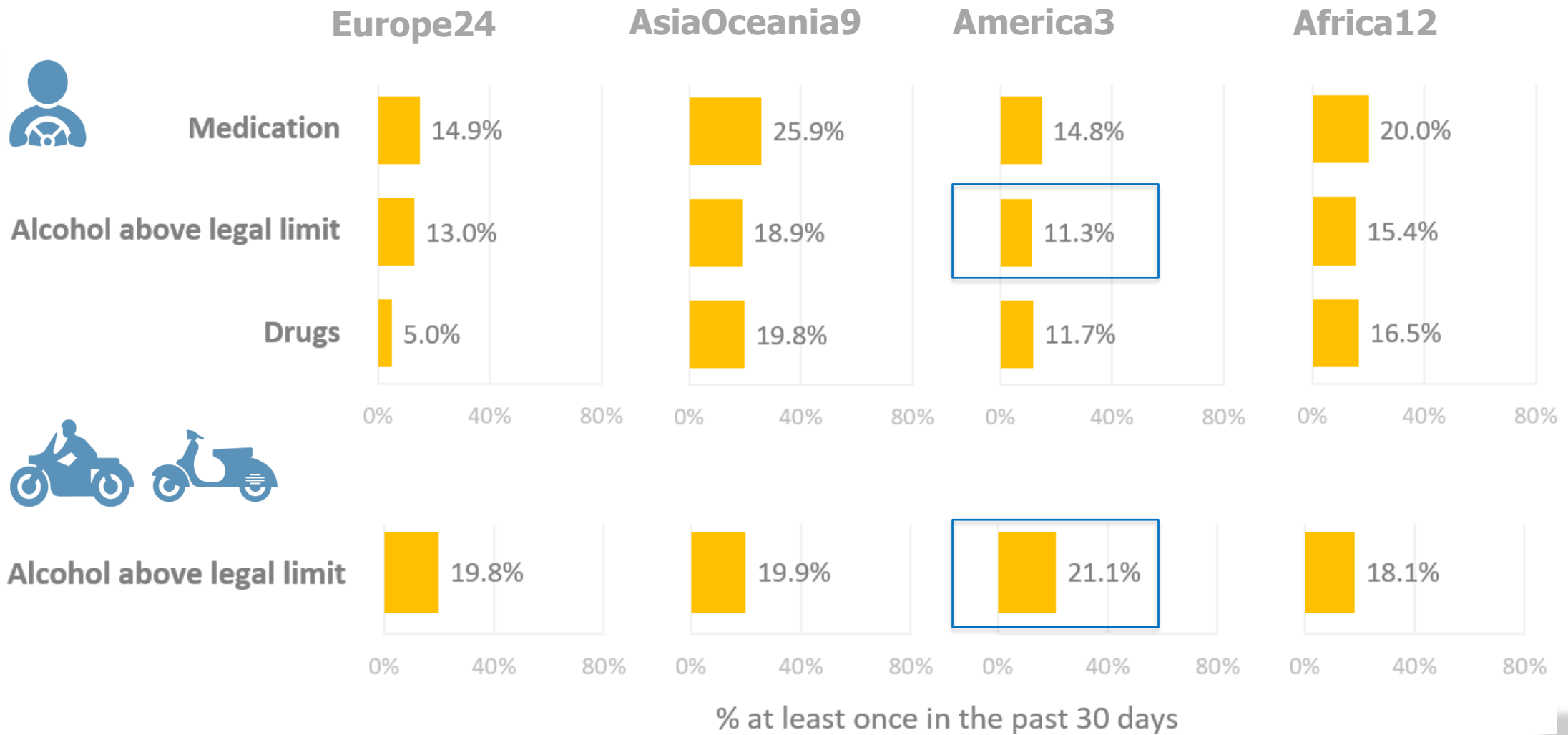
Self-declared DUI alcohol, drugs and medication



Reference population: car drivers OR motorcyclists/moped riders at least a few days a month



Self-declared DUI alcohol, drugs and medication



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Focus on alcohol

- Self-declared behaviour
- Enforcement
- Acceptability
- Support for policy measures



Self-declared DUI - alcohol above the legal limit

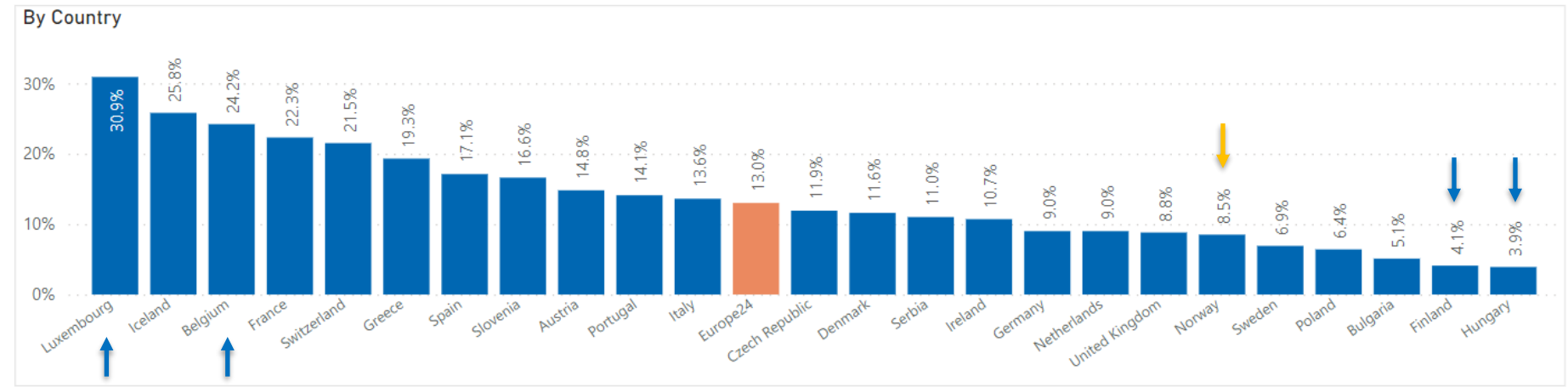
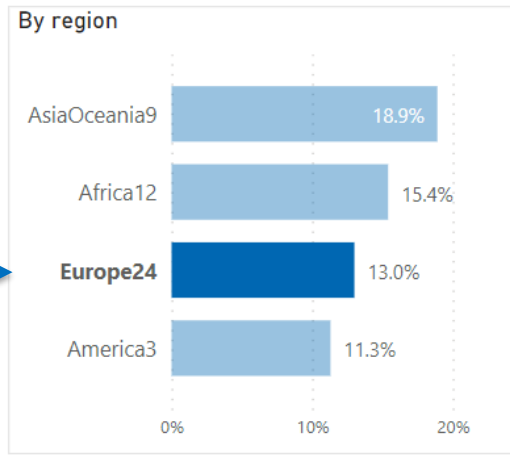


Use of transport modes	Safety feeling	Self-declared behaviour	Acceptability	Enforcement	Support for policy measures	Vehicle automation
Car as a driver	Car passenger	Pedestrian	Moped rider/motorcyclist	Cyclist		

Over the last 30 days, how often did you as a CAR DRIVER ...?

drive when you may have been over the legal limit for drinking and driving

% at least once in the past 30 days (scores 2 to 5 on a 5-point scale from 1 "never" to 5 "[almost] always")
Reference population: car drivers, at least a few days a month

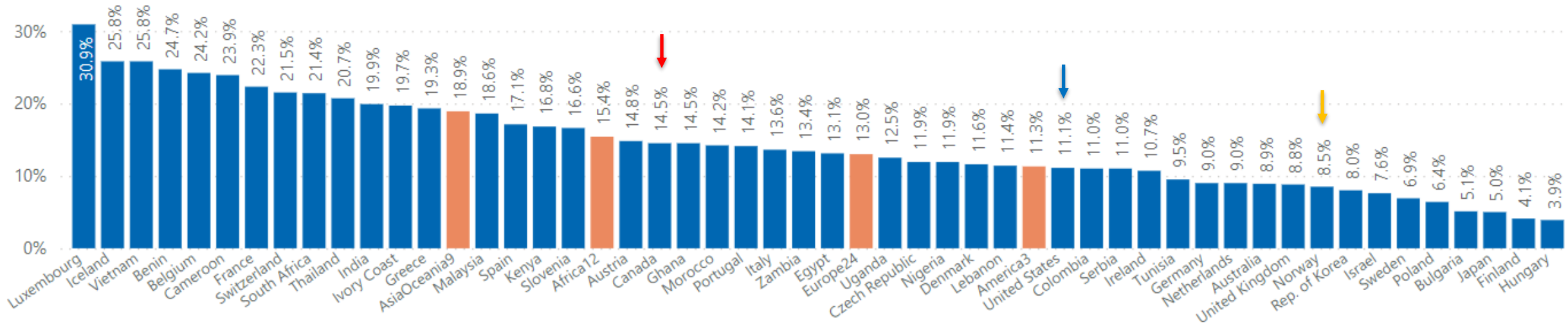


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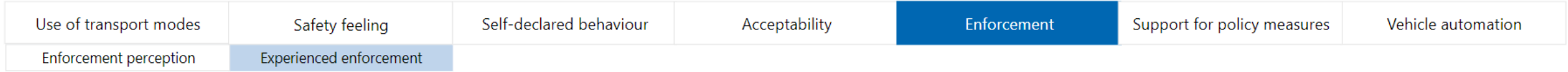


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Experienced alcohol checks

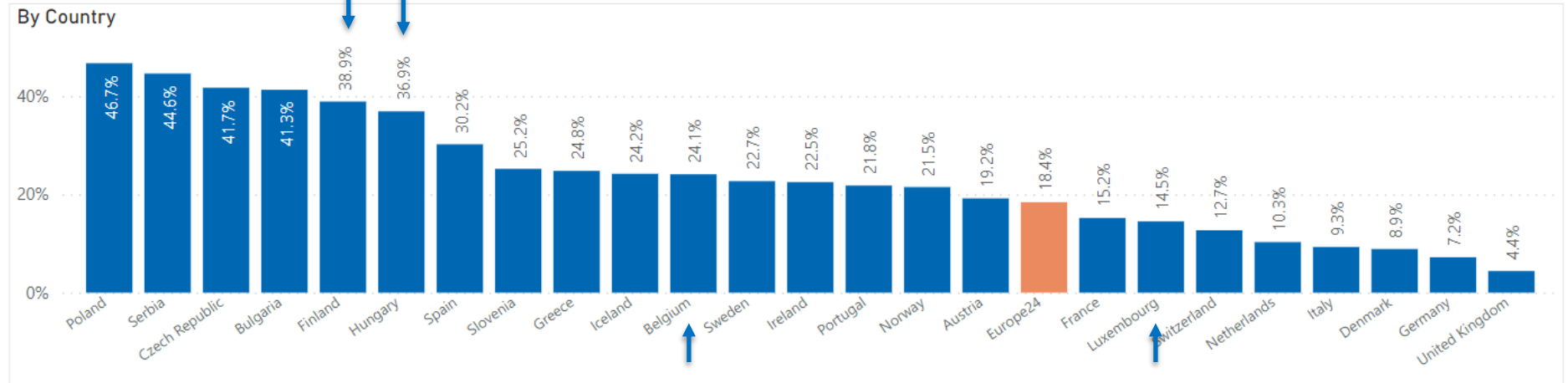
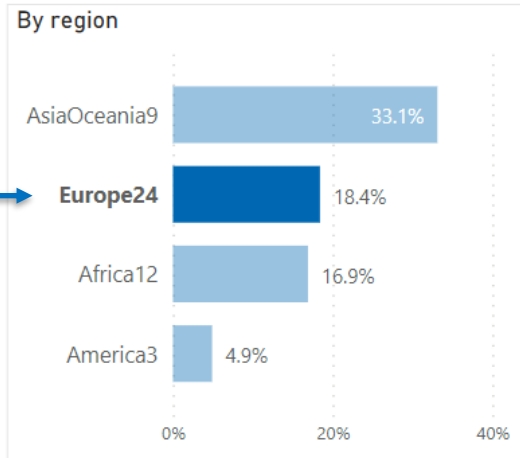


In the past 12 months, how many times have you been checked by the police for ...?
 using alcohol while DRIVING A CAR (i.e., being subjected to a Breathalyser test) ▾

% at least once in the past 12 months

Reference population: car drivers, at least a few days a year

(at least a few days a month for Greece, Ireland, Slovenia, Republic of Korea, Serbia, South Africa)

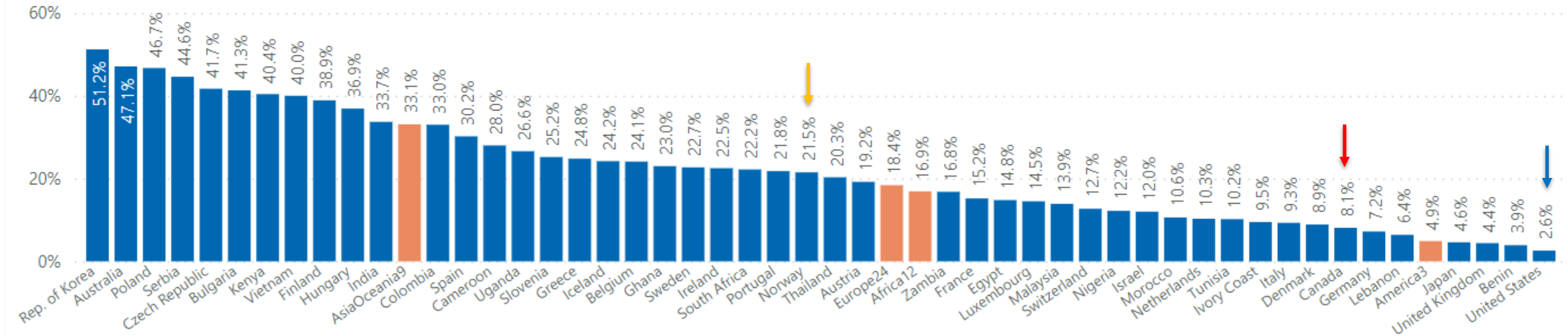


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Personal acceptability - drive with alcohol above the legal limit

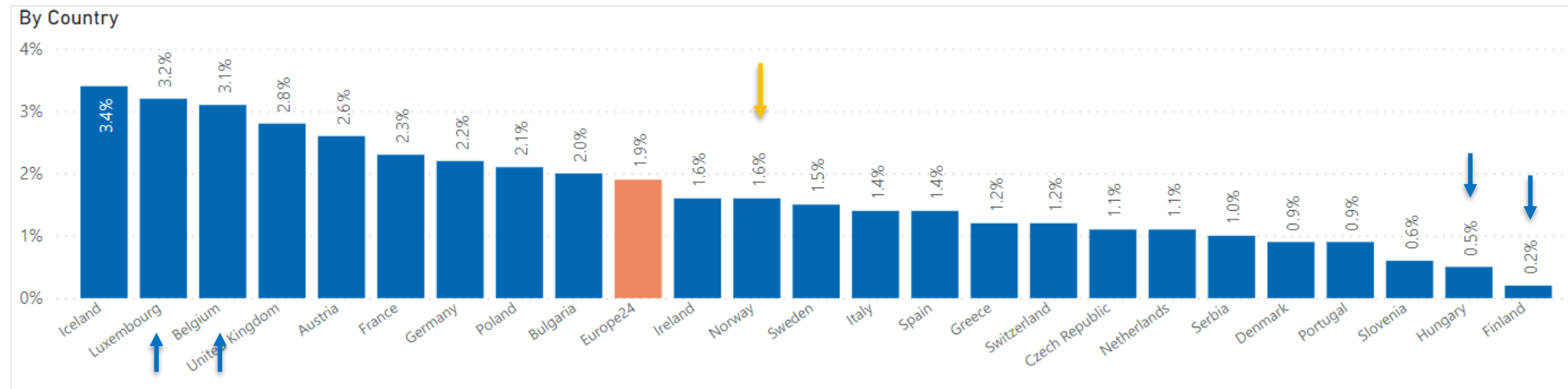
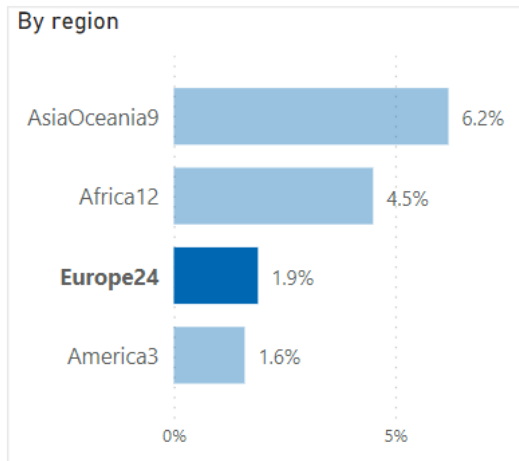


Use of transport modes	Safety feeling	Self-declared behaviour	Acceptability	Enforcement	Support for policy measures	Vehicle automation
Personal acceptability	Social acceptability					

How acceptable do you, personally, feel it is for a CAR DRIVER to...?

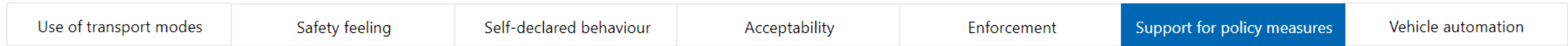
drive when he/she may be over the legal limit for drinking and driving

% acceptability (scores 4 to 5 on a 5-point scale from 1 "unacceptable" to 5 "acceptable")
Reference population: all road users



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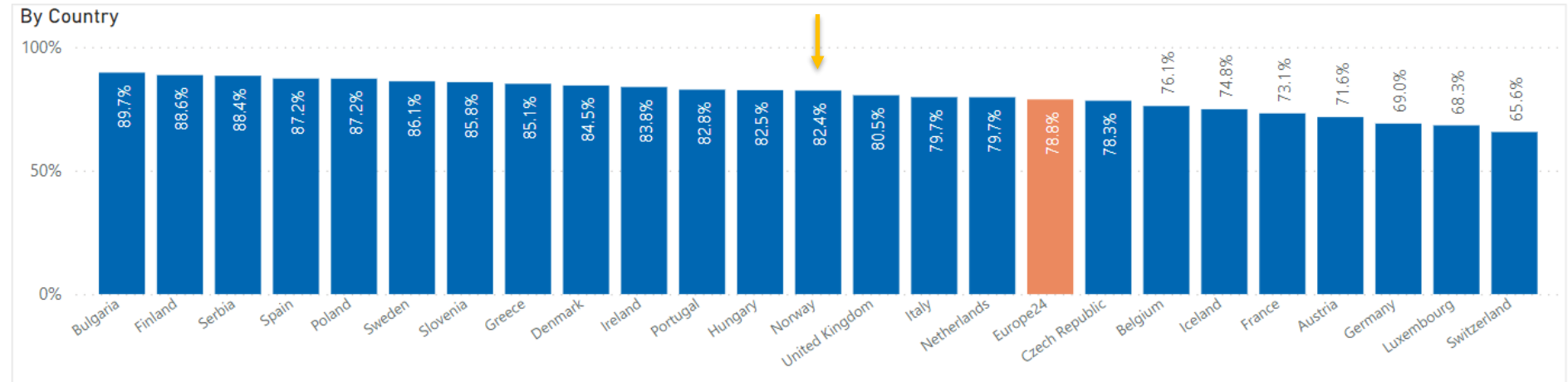
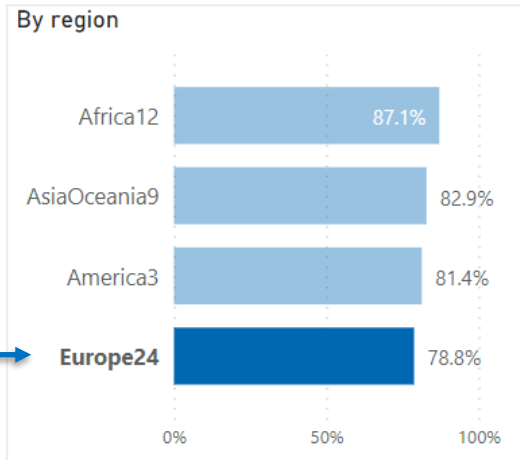
Public support for - alcohol ignition interlock for recidivist



Do you oppose or support a legal obligation to ...?

install an alcohol "interlock" for drivers who have been caught drunk driving on more than one occasion

% of support (scores 4 to 5 on a 5-point scale from 1 "oppose" to 5 "support")
Reference population: all road users



Support for legal obligation	Europe24	AsiaOceania9	America3	Africa12
alcohol "interlock" for recidivists	78.8%	82.9%	81.4%	87.1%
zero tolerance for alcohol for novice drivers	78.0%	78.0%	80.7%	82.9%
zero tolerance for alcohol for all drivers	67.5%	77.9%	64.5%	82.7%

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ESRA
E-Survey of Road users' Attitudes

HOME ABOUT THE PROJECT PARTNERS DASHBOARD **PUBLICATIONS** NEWS & EVENTS CONTACT

40 Partners engaged in the project

68 Participating countries

6 Continents covered

5 Target road users

10 Main themes

ESRA, Who are we and what do we do?

ESRA is a joint international initiative of research organisations and road safety institutes coordinated by Vias institute, and the acronym stands for E-Survey of Road Users' Attitudes.

It is an extensive survey undertaken with a representative sample of the adult population in participating countries (using online access panels), carried out in 68 participating countries and covering 6 continents.

The 20-min survey addresses over **300 items**, focusing on 5 topics;

Speeding DUI Distraction Seatbelt Fatigue

ESRA Steering Group Meeting in Brussels (19/06/2023)

Do you want to discover the ESRA2 dashboard?

New results **ESRA3** are coming soon !

- New: more on VRU, e-scooters, infrastructure
- **39 country fact sheets** & methodology report – Oct 2023
- Updated ESRA **dashboard** – Dec 2023
- 13 Thematic reports – 2024
- Final report & conference – Dec 2024
- Many conference presentations, national dissemination, and journal articles expected in 2024
- Contact us to sign up for ESRA4 !
- Sign up for ESRA newsletter: www.esranet.eu/en/contact/

Thank you very much for your attention!

Uta Meesmann 
ESRA Project Manager

Vias institute, Belgium



Email: uta.meesmann@vias.be & esra@vias.be

Website: www.esranet.eu