

Country Fact Sheets



E-Survey of Road users' Attitudes

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18 June 2019 – 2nd ESRA Symposium, Brussels

2nd ESRA Symposium



E-Survey of Road users' Attitudes

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18 June 2019



9:30 – 12:30



Thon EU Hotel,
Brussels



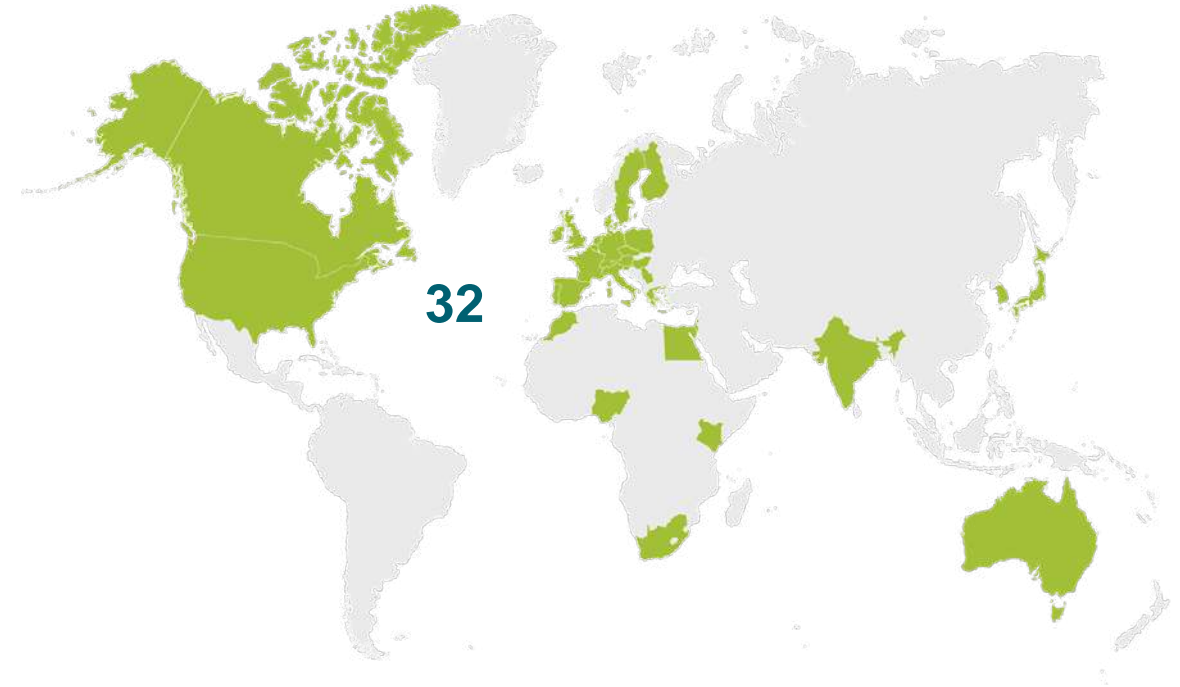
Presentation outline

- ▶ Objectives
- ▶ Implementation steps
- ▶ Country Fact Sheets outline
- ▶ Country Fact Sheets example
- ▶ Limitations
- ▶ Future Challenges



Objectives

- Production of **32** Country Fact Sheets.
- Presentation of **key results** of the second edition of the ESRA survey for each participating country.
- Presentation of **figures** which show a core set of variables in which each country is compared to regional ESRA2 mean.
- Provision of some basic **background data** for each participating country.



Implementation steps (1/2)

- Development of ESRA2 **contextual database** (data from external databases and expert survey).
- Selection of variables from ESRA2 **questionnaire**.
- Selection of variables from ESRA2 **contextual database**.
The **background information** is based on the most recent available data in common data sources (e.g. World Bank, WHO, IRTAD, CARE).
- Definition of a **standard set of findings on key issues** for all Country Fact Sheets with final agreement of all ESRA2 partners.

Implementation steps (2/2)

- Production of **descriptive figures** and **tables** comparing national results (in green) and a regional benchmark (in white).
- Production of **map images** for the first page of each Country Fact Sheet.
- Template adjustment and **synthesis** of all previous steps.
- **Review and final quality check** for each Country Fact Sheet from the respective national partner.
- Production of the **Final** Country Fact Sheets.
- Continuous **coordination** among all partners.

Country Fact Sheets outline

➤ ESRA2 results

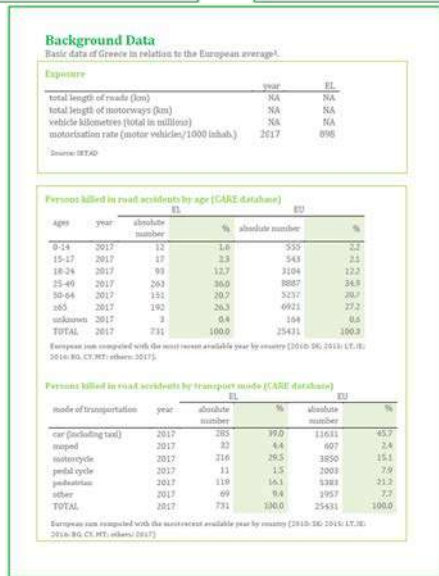
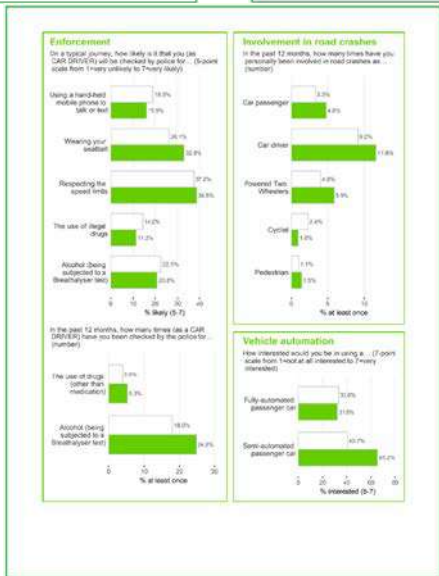
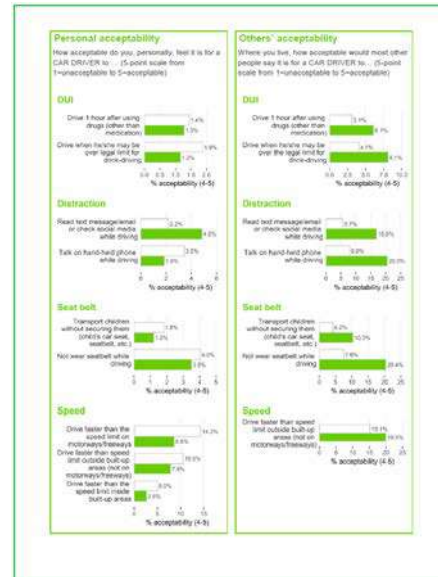
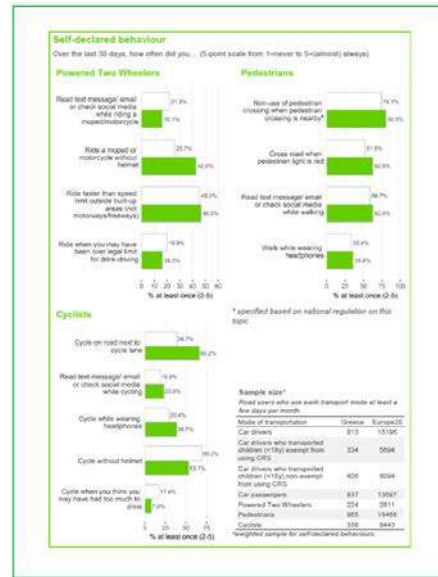
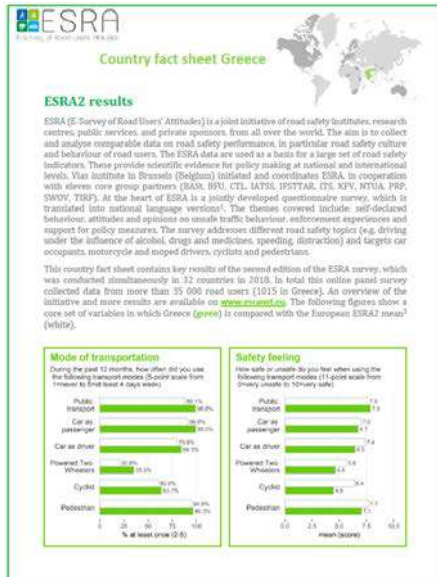
- Mode of transportation
- Safety feeling
- Self-declared behaviour
- Personal acceptability
- Others' acceptability
- Enforcement
- Involvement in road crashes
- Vehicle automation

➤ Background Data

- Exposure
- Persons killed in road accident by age
- Persons killed in road accidents by transport mode
- Population
- Traffic legislation



Country Fact Sheets example (Greece)

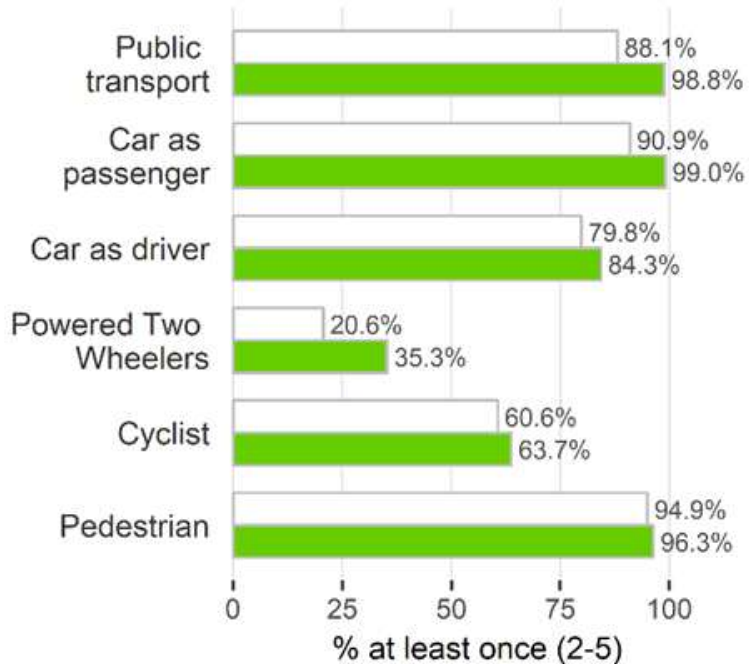


ESRA2 results

Mode of transportation – Safety feeling (Greece)

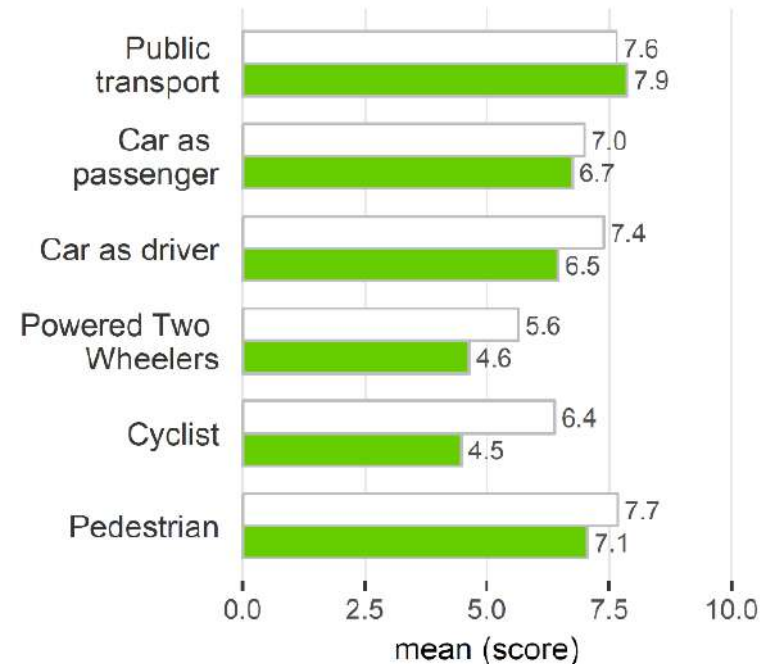
Mode of transportation

During the past 12 months, how often did you use the following transport modes (5-point scale from 1=never to 5=at least 4 days week)



Safety feeling

How safe or unsafe do you feel when using the following transport modes (11-point scale from 0=very unsafe to 10=very safe)

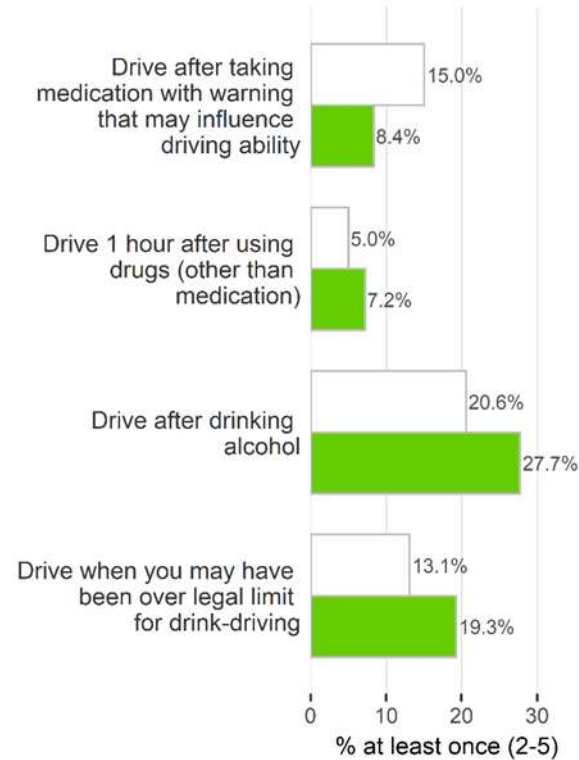


Self-declared behaviour (Greece)

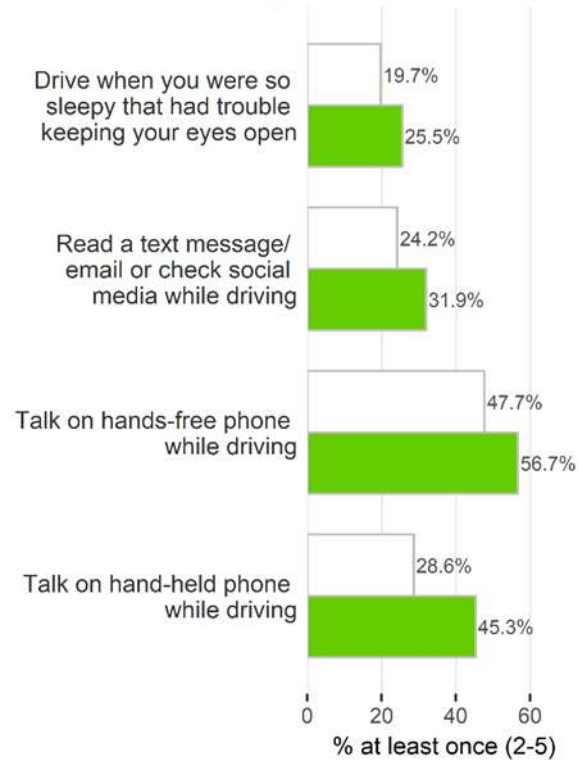
(1/2)

Over the last 30 days how often did you... (5-point scale from 1=never to 5=almost always)

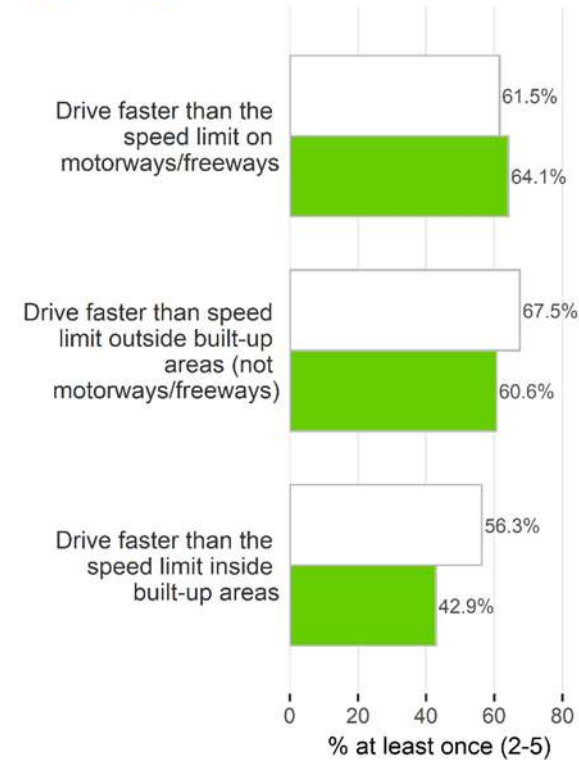
DUI as a car driver



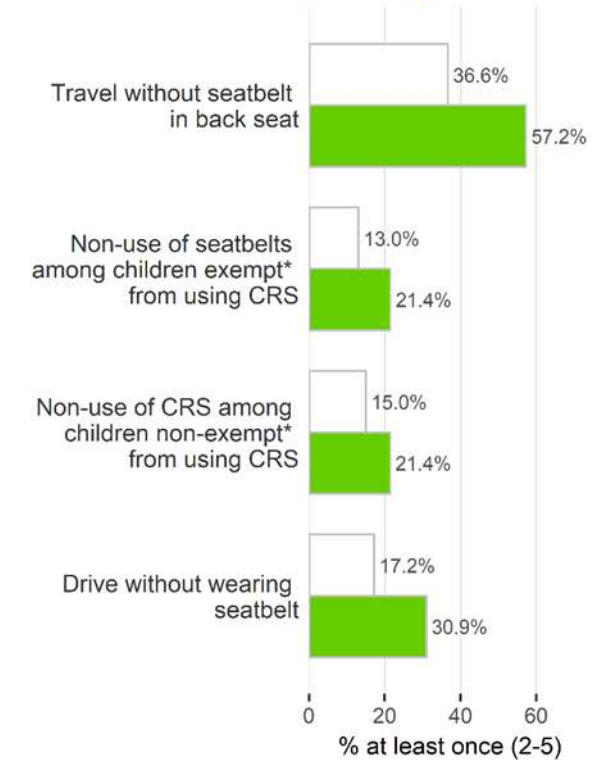
Distraction & fatigue as a car driver



Speeding as a car driver



Seat belt use in a passenger car

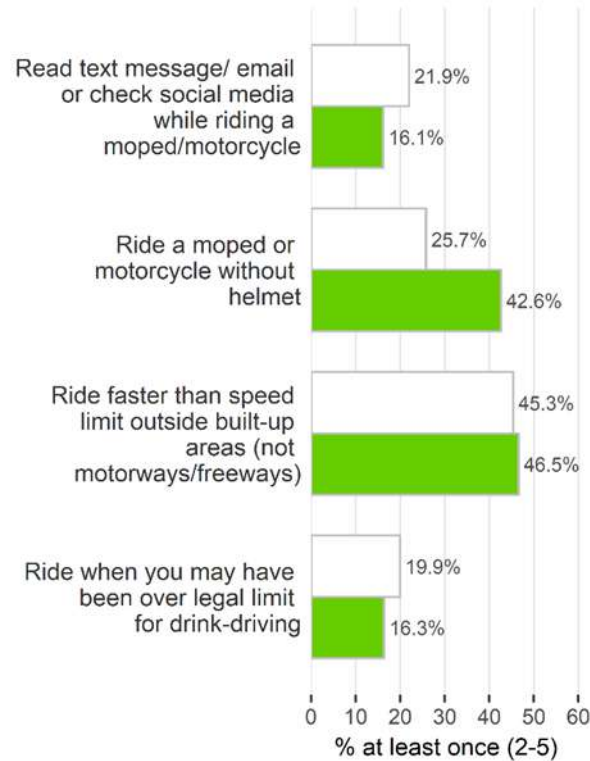


Self-declared behaviour (Greece)

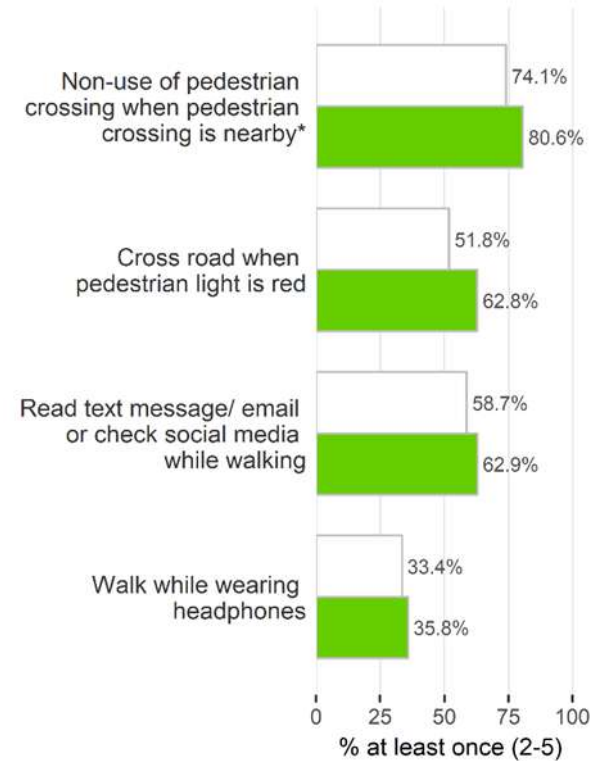
(2/2)

Over the last 30 days how often did you... (5-point scale from 1=never to 5=almost always)

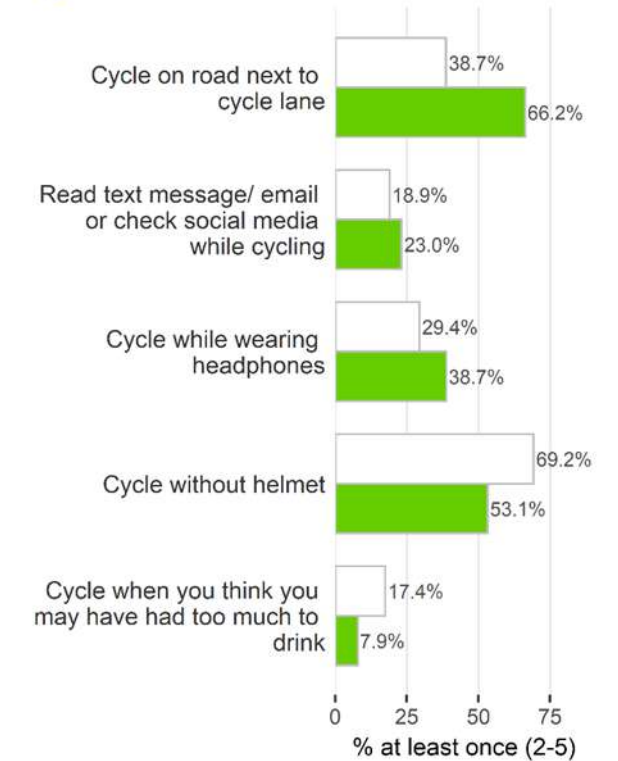
Powered Two Wheelers



Pedestrians



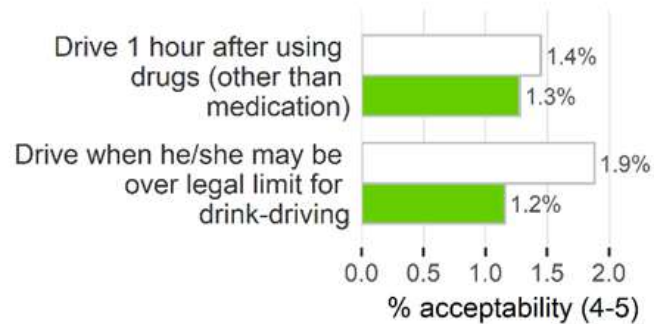
Cyclists



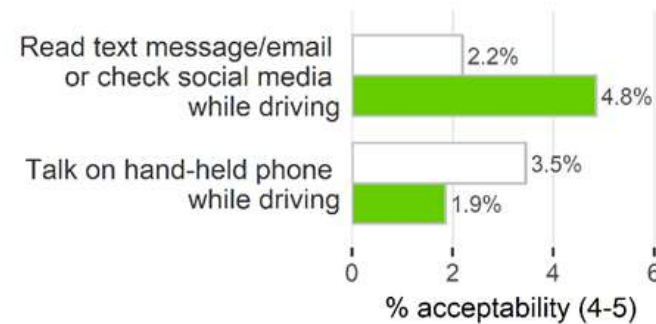
Personal acceptability (Greece)

How acceptable do you, **personally**, feel it is for a CAR DRIVER to ... (5-point scale from 1=unacceptable to 5=acceptable)

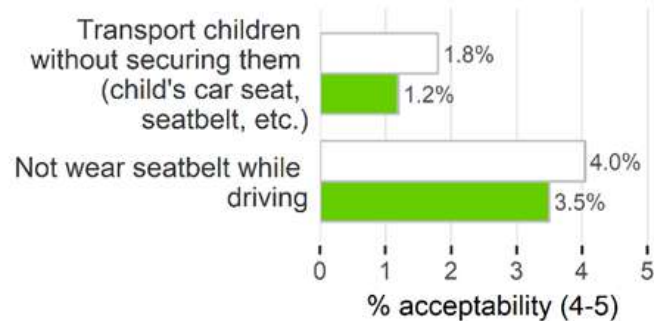
DUI



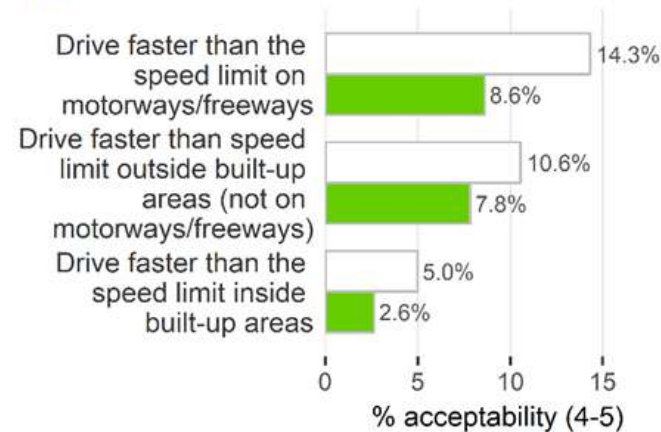
Distraction



Seat belt



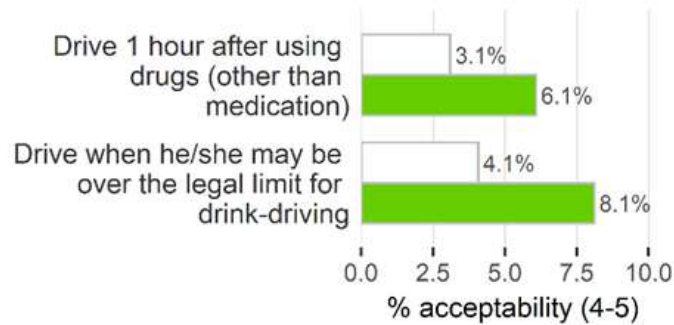
Speed



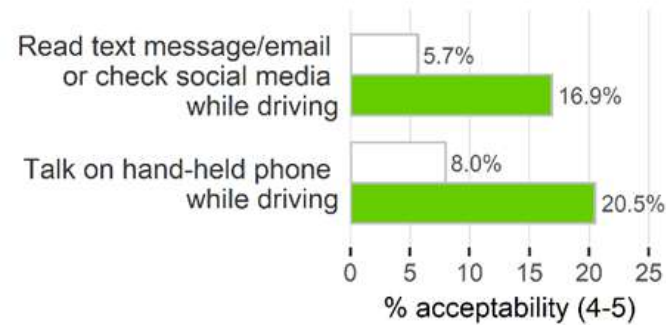
Others' acceptability (Greece)

Where you live, how acceptable would most **other** people say it is for a CAR DRIVER to...
(5-point scale from 1=unacceptable to 5=acceptable)

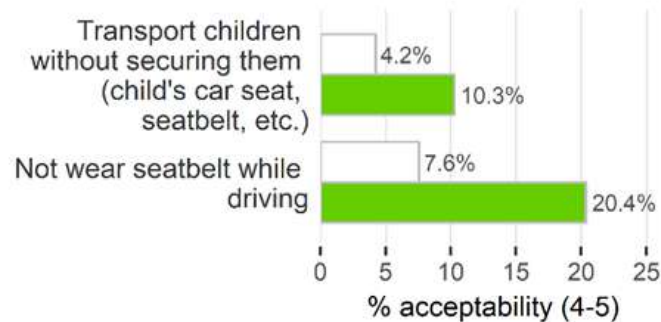
DUI



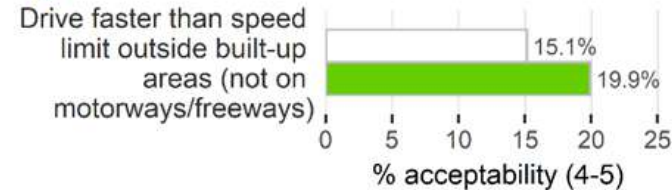
Distraction



Seat belt



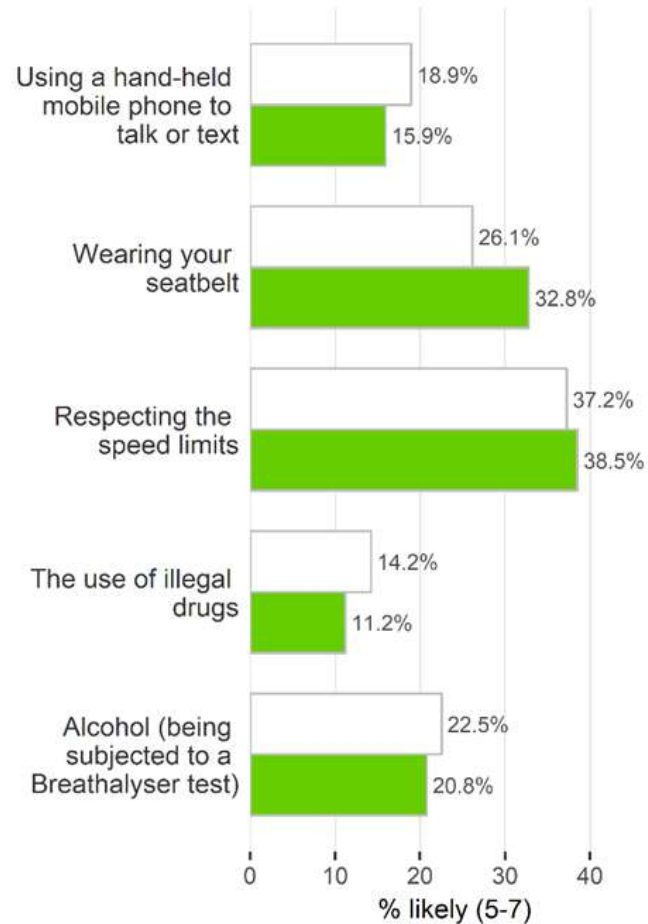
Speed



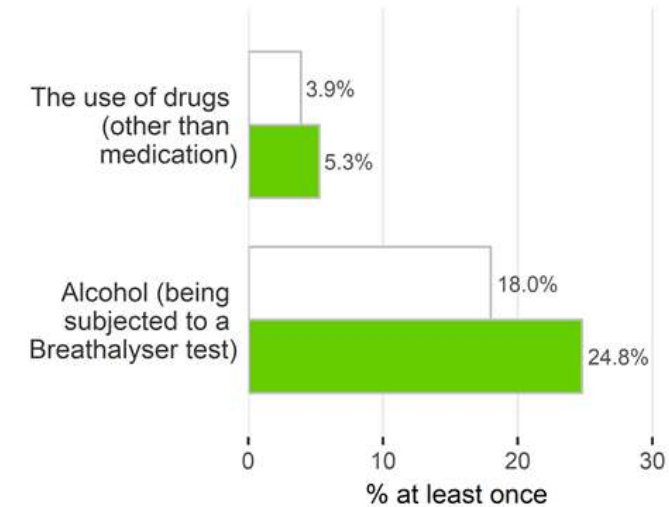
Enforcement (Greece)

Enforcement

On a typical journey, how likely is it that you (as CAR DRIVER) will be checked by police for... (5-point scale from 1=very unlikely to 7=very likely)



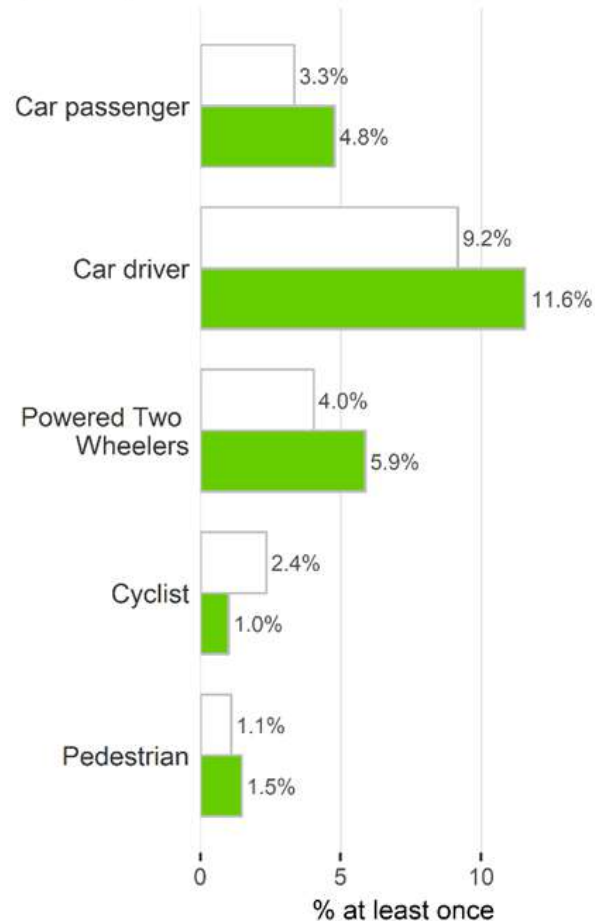
In the past 12 months, how many times (as a CAR DRIVER) have you been checked by the police for... (number)



Involvement in road crashes – Vehicle automation (Greece)

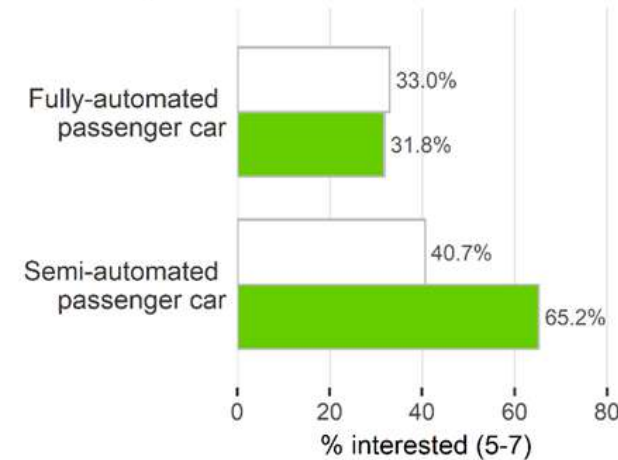
Involvement in road crashes

In the past 12 months, how many times have you personally been involved in road crashes as... (number)



Vehicle automation

How interested would you be in using a... (7-point scale from 1=not at all interested to 7=very interested)



Background Data

Exposure – Persons killed in road accidents by age group and by transport mode (Greece)

Exposure

	year	EL
total length of roads (km)	NA	NA
total length of motorways (km)	NA	NA
vehicle kilometres (total in millions)	NA	NA
motorisation rate (motor vehicles/1000 inhab.)	2017	898

Source: IRTAD

Persons killed in road accidents by age (CARE database)

ages	year	EL		EU	
		absolute number	%	absolute number	%
0-14	2017	12	1.6	555	2.2
15-17	2017	17	2.3	543	2.1
18-24	2017	93	12.7	3104	12.2
25-49	2017	263	36.0	8887	34.9
50-64	2017	151	20.7	5257	20.7
≥65	2017	192	26.3	6921	27.2
unknown	2017	3	0.4	164	0.6
TOTAL	2017	731	100.0	25431	100.0

European sum computed with the most recent available year by country (2010: SK; 2015: LT, IE; 2016: BG, CY, MT; others: 2017).

Persons killed in road accidents by transport mode (CARE database)

mode of transportation	year	EL		EU	
		absolute number	%	absolute number	%
car (including taxi)	2017	285	39.0	11631	45.7
moped	2017	32	4.4	607	2.4
motorcycle	2017	216	29.5	3850	15.1
pedal cycle	2017	11	1.5	2003	7.9
pedestrian	2017	118	16.1	5383	21.2
other	2017	69	9.4	1957	7.7
TOTAL	2017	731	100.0	25431	100.0

European sum computed with the most recent available year by country (2010: SK; 2015: LT, IE; 2016: BG, CY, MT; others: 2017)

Population – Traffic Legislation (Greece)

Population

	year	EL	EU
population (M. inhab.)	2017	10.8	512.4
density (inhab./km ²)	2017	81.5	116.9 ⁴
males (% of total)	2017	49.2	49.0
females (% of total)	2017	50.8	51.0
urban (% of total)	2017	79.0	75.4
internet users (per 100 people)	2017	70	81

Source: World Bank

Traffic legislation in Greece

Speed limits for passenger cars	(km/h)
motorways	130
secondary or regional roads	90
in built-up areas	50

Drink-driving	BAC limits
max. BAC for drivers (g/l)	0.5
max. BAC for young/novice drivers (g/l)	0.2
max. BAC for professional drivers (g/l)	0.2

Protective systems	
obligation to use seatbelt in front seat	yes
obligation to use seatbelt in rear seat	yes
obligation to use child restraint systems for transport of children	yes
obligation to use a helmet as a moped rider	yes
obligation to use a helmet as a motorcyclist	yes

Source: IRTAD Annual Report 2018

Limitations

- **No common database** to fill in all the variables for all countries.
- In the contextual database, useful variables that could be used in the Country Fact Sheets **are missing** for the majority of the countries (e.g. person-kms, accidents attributing to speeding, DUI, etc.)
- Especially, for the five **African countries** and **India** basic variables such as fatalities by transport mode and fatalities by age group are not available.
- Country Fact Sheets should be short and consequently **all the survey results** could not be included.

Future challenges

- **Expand** this attitudes survey globally and produce Country Fact Sheets for more countries, as a key road user behaviour monitoring tool, supporting accountability for Authorities.
- **Repeat** systematically this initiative and compare the progress for each country through the respective Country Fact Sheet in combination with other mobility and safety changes.
- **Measuring revealed behaviour** of road users and comparing it with reported attitudes from ESRA Country Fact Sheets would allow for a more clear picture of road safety behaviour of road users globally.





Thank you very much for
your attention !

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2nd ESRA Symposium



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