

# Improving the safety of vulnerable road users

PIN Talk, Ljubljana | 19 September 2024



European Transport Safety Council

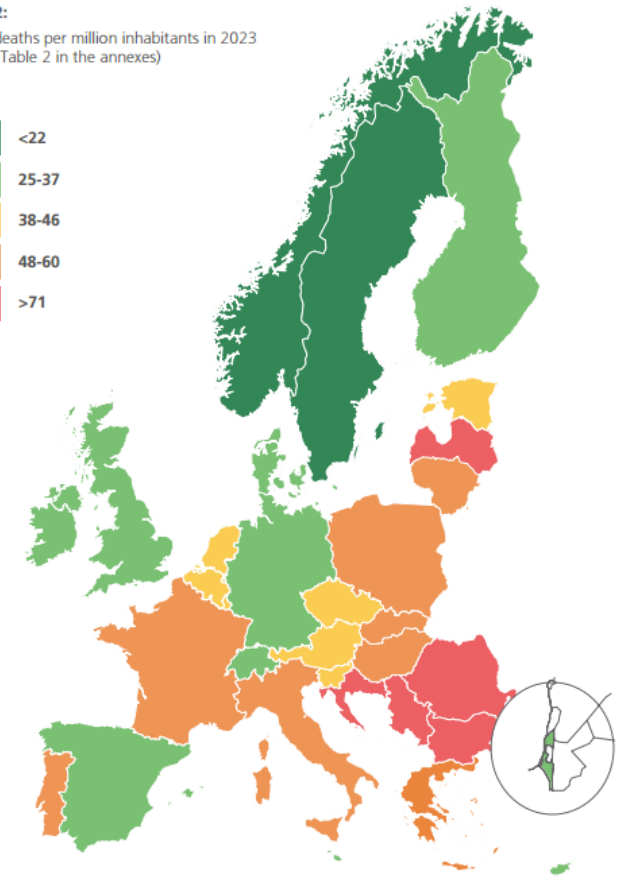
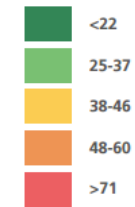
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# ETSC PIN PROGRAMME

- Experts from the 32 participating countries, including all EU Member States
- Steering Group
- Annual report
- PIN Flash reports (46 so far)
- PIN Talks

MAP 2:

Road deaths per million inhabitants in 2023  
(Fig.6, Table 2 in the annexes)





# PIN Flash Report 45

## Reducing older people's road deaths on European roads

Published November 2023



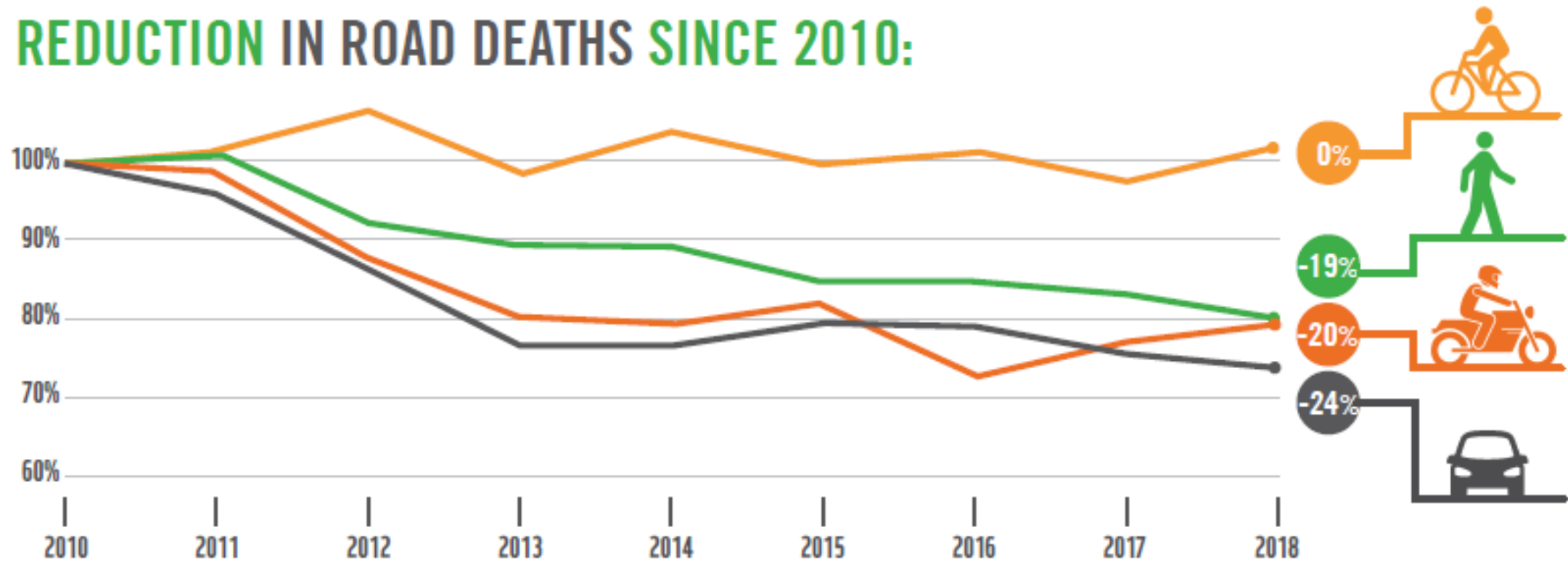
# PIN Flash Report 38

## How Safe is Walking and Cycling in the EU?

Published January 2020

# The scale of the problem – vulnerable road users

## REDUCTION IN ROAD DEATHS SINCE 2010:



# ROAD TRAFFIC FATALITIES IN THE EU IN 2022

by road user and (other) 'main vehicle' involved in the crash

## IN A COLLISION WITH...

**2409**  
Pedestrians killed by car

### FATALITIES


		PEDESTRIAN	BICYCLE	MOPED	MOTORBIKE	CAR	LORRY (<3.5T)	HEAVY GOODS VEHICLE (>3.5T)	BUS OR COACH	OTHER VEHICLE/ UNKNOWN	NO OTHER VEHICLE INVOLVED	TOTAL
PEDESTRIANS		0	25	21	112	2409	424	411	102	211	0	3715
CYCLISTS		10	51	12	33	921	158	210	37	76	501	2009
MOPED RIDERS		3	5	3	7	242	44	30	6	20	179	539
MOTORCYCLISTS		19	8	6	94	1442	241	162	28	81	1280	3361
CAR OCCUPANTS		7	7	3	20	2732	559	1450	122	237	4073	9210
LORRY (<3.5T) OCCUPANTS		1	0	0	0	114	87	201	8	16	286	713
HEAVY GOODS VEHICLE (>3.5T) OCCUPANTS		2	0	0	0	32	23	178	5	16	159	415
BUS OR COACH OCCUPANTS		0	1	0	0	15	3	6	4	4	45	78
OTHER/UNKNOWN		0	0	0	3	154	33	49	13	19	283	554
<b>TOTAL</b>		<b>42</b>	<b>97</b>	<b>45</b>	<b>269</b>	<b>8061</b>	<b>1572</b>	<b>2697</b>	<b>325</b>	<b>680</b>	<b>6806</b>	<b>20 594</b>

Nearly 50%

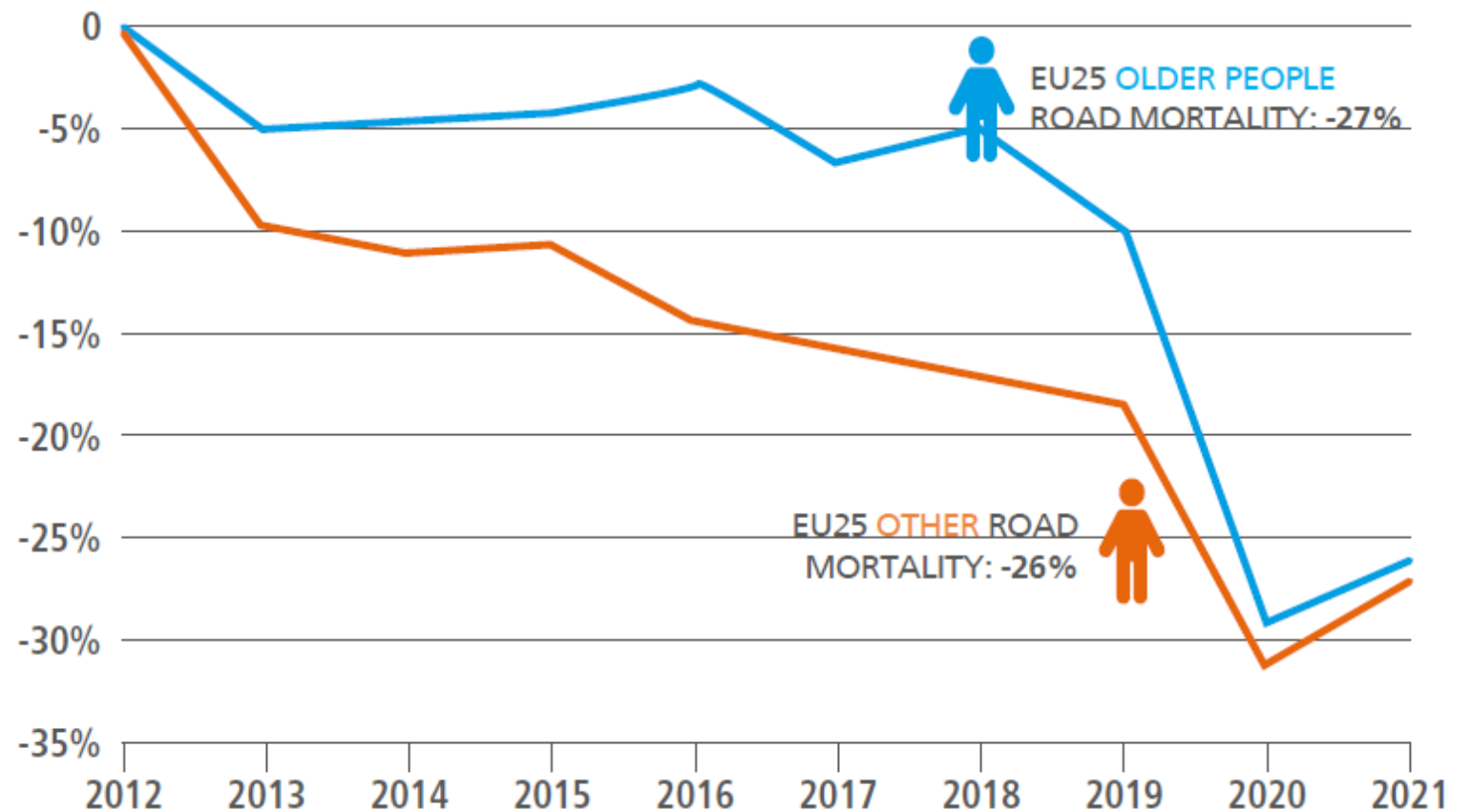


Methodological note: the data cover fatalities in single-vehicle crashes and crashes involving one or more traffic units. For the majority of fatal crashes, only one other vehicle is involved in the crash. For multi-vehicle crashes, the 'main vehicle' is the heaviest of the vehicles involved as this tends to be responsible for the most serious consequences. As a result, the figures in each column likely underestimate the number of cases a particular vehicle was involved in a crash. Source: EU CARE database on road crashes  
Data refer to the year 2022 except for IE (2019), LV and SE (2020), EL and MT (2021)

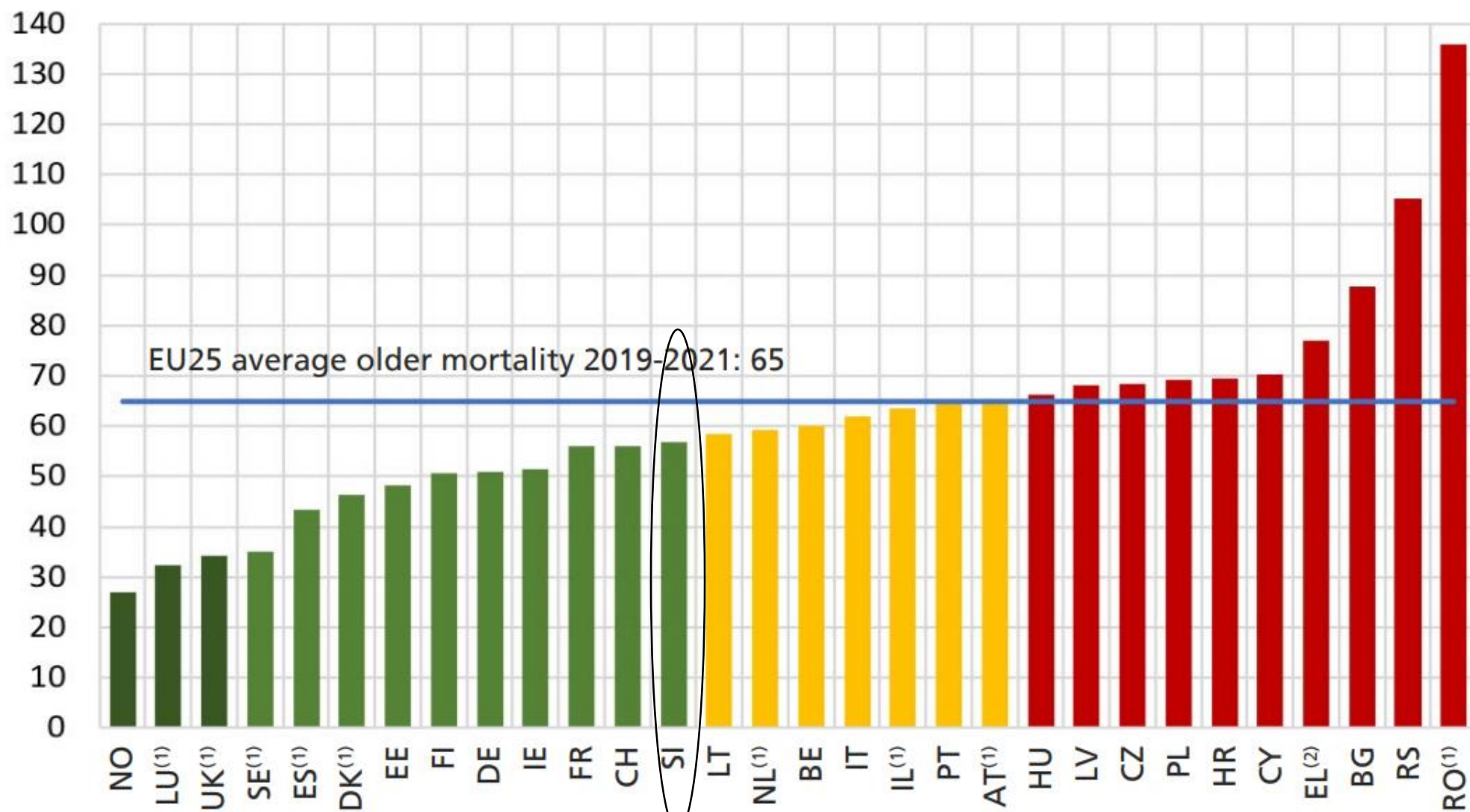
# The scale of the problem – older people

OVER **5,400**  
**OLDER PEOPLE**  
**(65+)**    
**KILLED IN 2021**  
IN THE EU

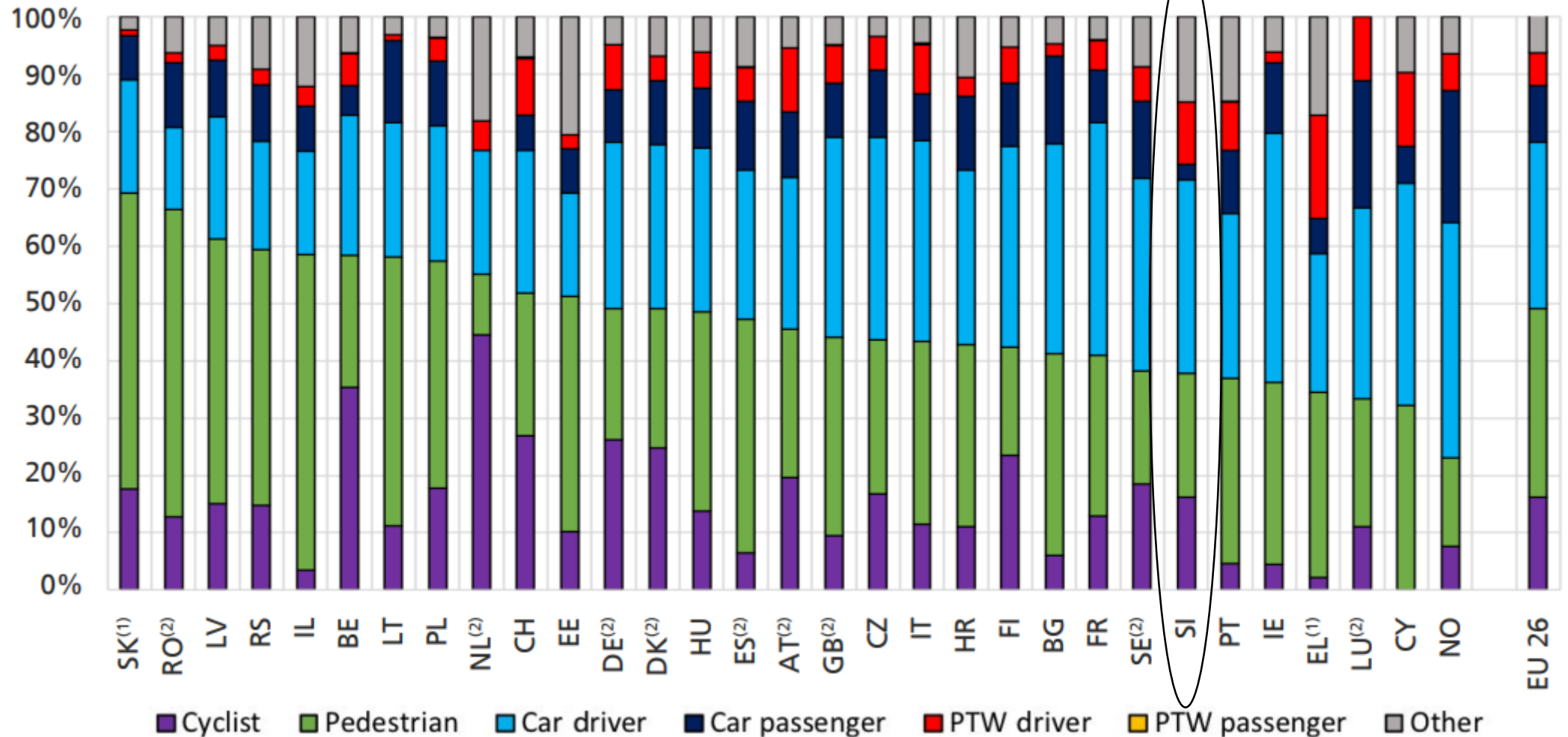
## REDUCTION IN ROAD MORTALITY SINCE 2012



# Road mortality older people – country comparisons



# Older people - road user groups

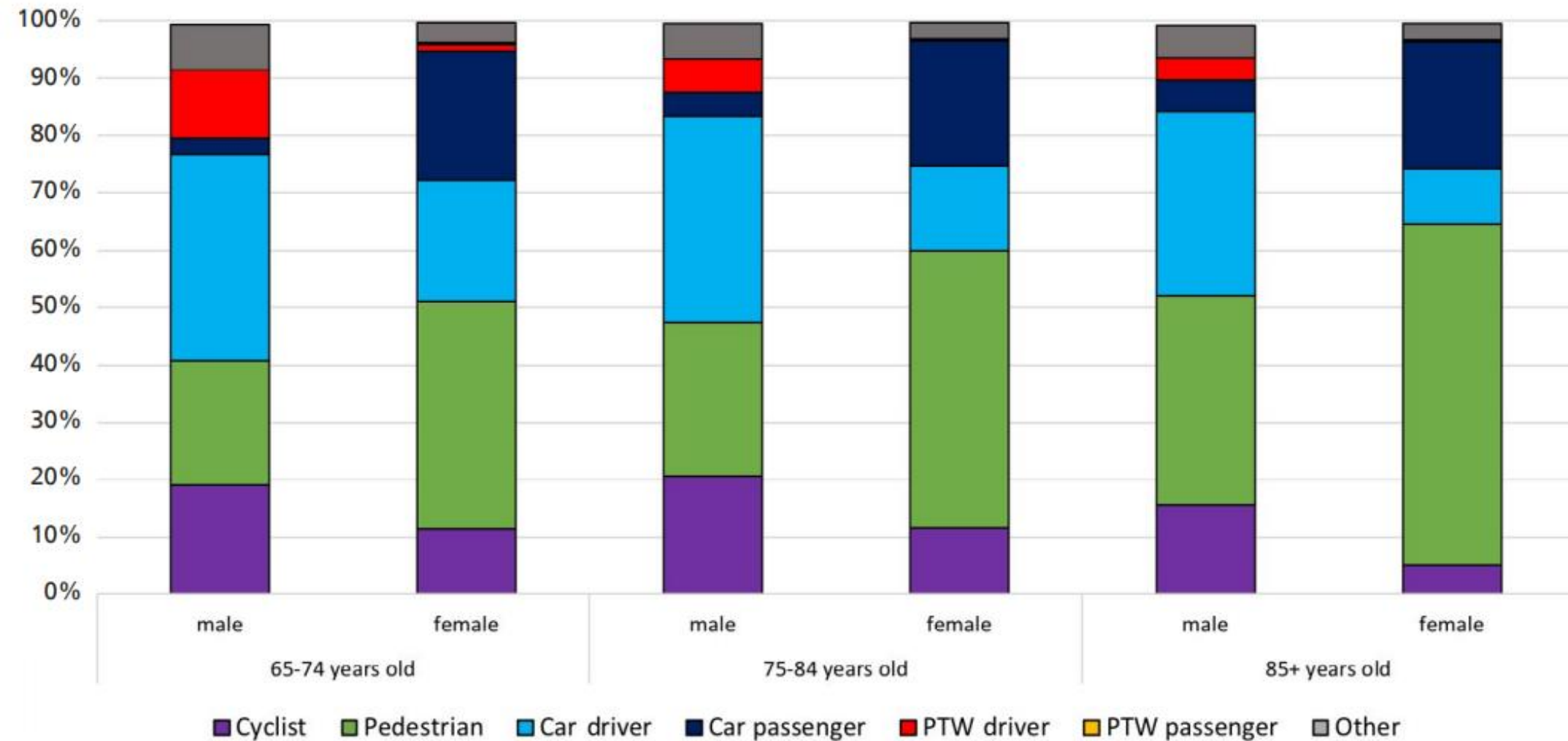


Average 2020-2022



# Gender

**1 OUT OF 2 OLDER WOMEN  
KILLED ARE PEDESTRIANS**



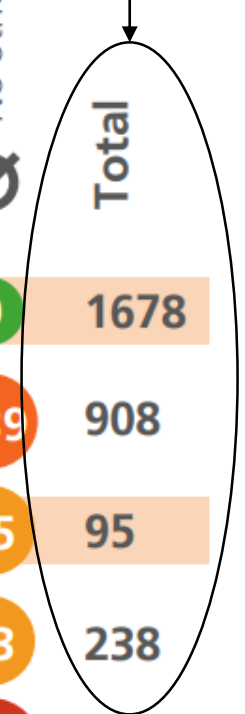
Average 2019-2021

In a collision with...

Fatalities

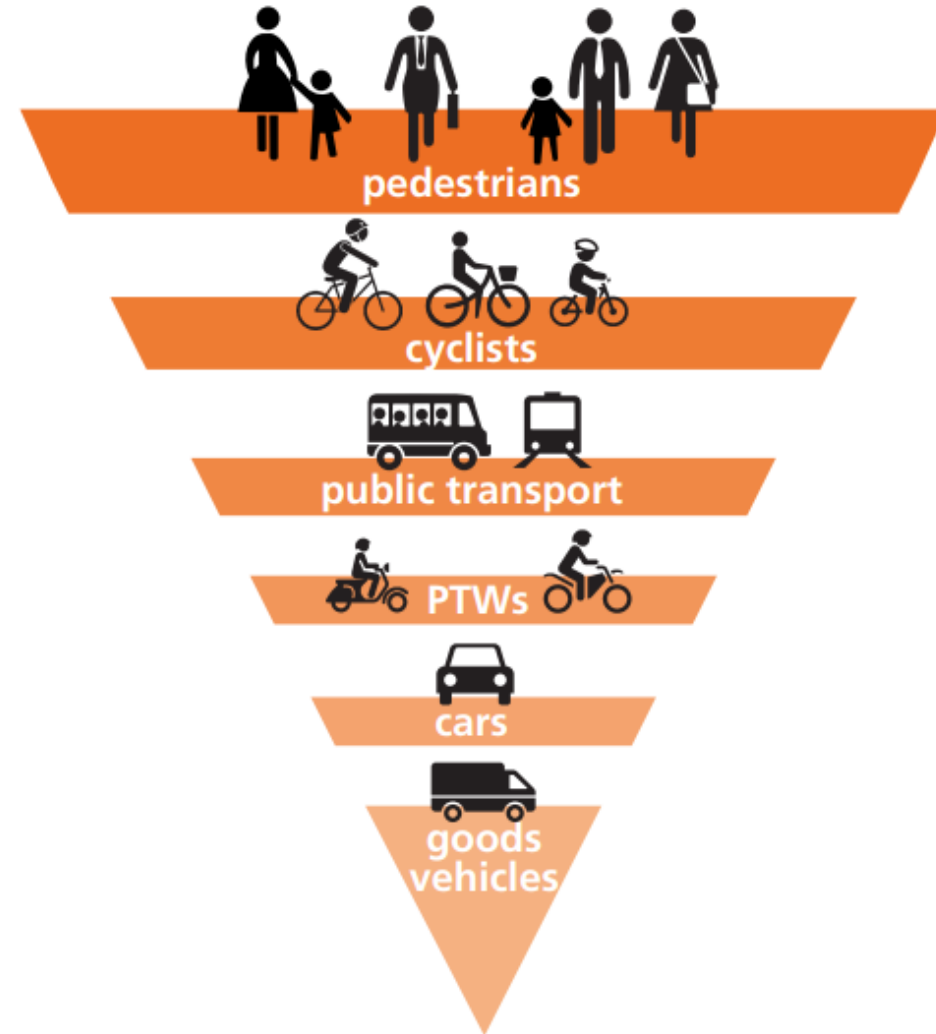
		Pedestrian	Cyclist	Moped	PTW	Car	LGVs + HGVs	Bus or Coach	Other	No other vehicle	Total
Older Pedestrians		2	25	14	66	1070	380	44	77	0	1678
Older Cyclists		3	33	6	15	398	172	15	27	239	908
Older Moped Riders		0	0	1	1	45	19	1	3	25	95
Older PTW occupants		0	1	1	6	102	35	1	9	83	238
Older Car Occupants		3	1	0	9	795	463	37	74	778	2160
Older LGVs (<3.5T) + HGVs occupants		1	1	0	0	31	43	1	9	63	149
Older Bus or coach occupants		2	0	0	0	3	1	2	0	8	16
Other		0	2	1	2	52	20	1	4	90	172
<b>Total</b>		<b>11</b>	<b>63</b>	<b>23</b>	<b>99</b>	<b>2496</b>	<b>1133</b>	<b>102</b>	<b>203</b>	<b>1286</b>	<b>5416</b>

Over 50% VRUs



# Modal priority

**MODAL PRIORITY  
BASED ON  
VULNERABILITY OF  
ROAD USERS  
CAN IMPROVE  
ROAD SAFETY IN  
CITIES**



# Countermeasures

- Cycling and e-bikes
- Pedestrian safety and pedestrian falls
- Public transport – both outside and in the vehicles
- Infrastructure – including speed management
- Vehicle technologies – improving safety but also adapted to needs of older driver.

# Recommendations



Improve quality, access to and ease of use of public transport



Adopt 30km/h zones



Improve infrastructure safety design for pedestrians and cyclists



Construct highly visible, recognisable and uniform pedestrian crossings

# THANK YOU!



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