

# Road Safety developments in the EU

particularly on data, KPIs, analysis



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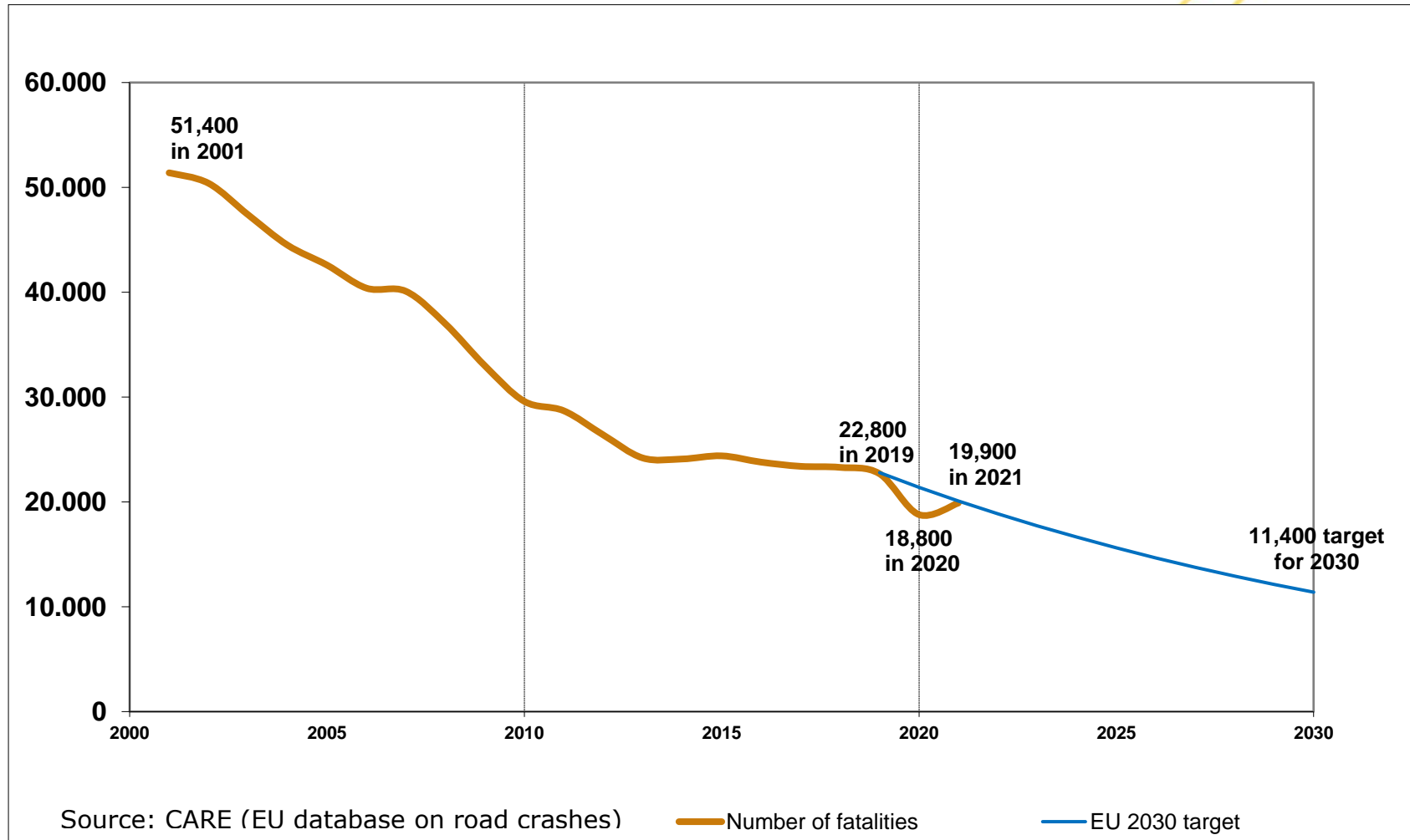
DG MOVE – road safety unit

6 December 2022

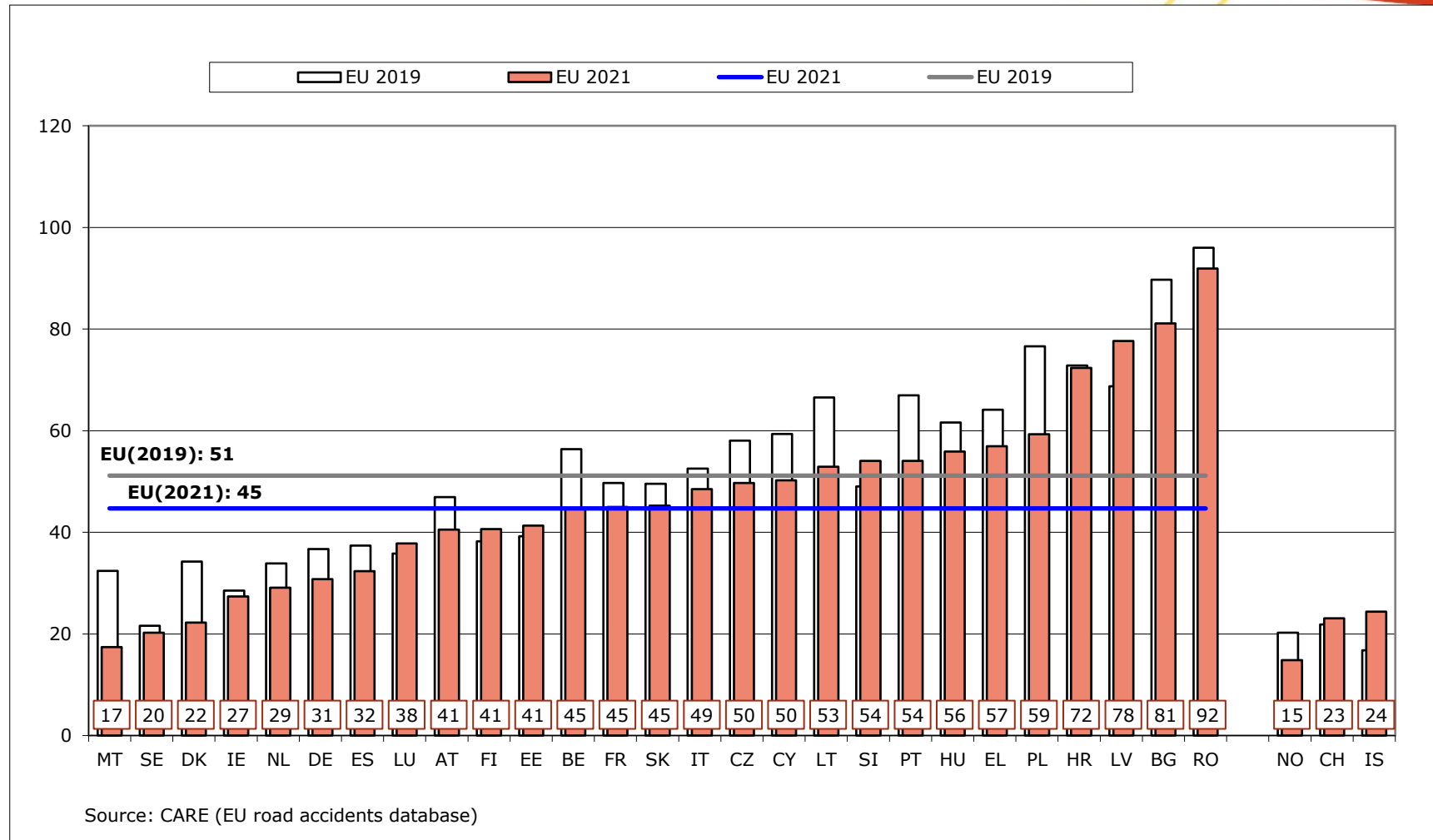
## Data issues

- Final number of road deaths for 2021 published in October
  - EU-wide, 19 900 lives lost compared to 2021; 45 per million population;
  - +6% compared with 2020 following a decrease of 17% between 2020 and 2021;
  - We continue to monitor short-term data (daily/weekly/monthly/quarterly) in 2022. Increase on 2021, decrease on 2019 but not fast enough to meet 2030 target
- Future monitoring: Baseline year for 2030 target to be 2019 (average 2017-19 alongside)
- New categories for micro-mobility and pedelecs (e-bikes) introduced in CARE
- Begin to monitor progress on serious injuries (CARE and MAIS3+)

## Trend in the number of road deaths in EU



## Road deaths per million population, by Member State, 2019-2021












## ROAD SAFETY

ROAD TRAFFIC FATALITIES  
IN THE EU IN 2020

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

## IN A COLLISION WITH...

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		1	18	6	97	2 457	409	351	86	188	1	3 612
CYCLISTS		11	41	10	33	891	170	191	30	75	424	1 876
MOPED RIDERS		1	2	3	7	209	32	31	4	21	184	494
MOTORCYCLISTS		9	14	10	82	1 240	194	150	28	82	1 201	3 010
CAR OCCUPANTS		14	7	0	16	2 261	527	1 272	115	264	3 876	8 352
LORRY (<3.5T) OCCUPANTS		1	0	0	1	97	68	173	17	25	237	619
HEAVY GOODS VEHICLE (>3.5T) OCCUPANTS		0	2	0	0	20	8	156	4	10	155	355
BUS OR COACH OCCUPANTS		2	0	0	0	14	4	3	0	5	19	47
OTHER/UNKNOWN		2	2	1	5	158	22	45	6	16	270	527
<b>TOTAL</b>		<b>40</b>	<b>55</b>	<b>30</b>	<b>241</b>	<b>7 347</b>	<b>1 434</b>	<b>2 372</b>	<b>290</b>	<b>686</b>	<b>6 366</b>	<b>18 892</b>

## CARE database

- Disaggregated data for all road crashes leading to death or injury: almost one million crashes per year in EU
- 30 years of data available. Up to 70 variables per crash, of which 20-25 form MiniCADaS
- Other data sources: Eurostat (exposure data, e.g., population), IRTAD
- Criteria for WB regional partners to join CARE include
  - 3 years stable data CADaS format
  - Small discrepancy with WHO



## European Road Safety Observatory

Country profiles

Annual statistical report

Reports to monitor progress towards targets (twice yearly)

Thematic reports

- Speed
- Seniors
- Level crossings
- Fatigue
- Pedestrians
- PMD
- ADAS
- Alcohol
- Novice drivers
- Cyclists
- Distraction
- Serious injuries
- Fatigue
- Seat belts
- KPIs

Facts and Figures

- Buses + HGV
- Seniors
- Young people
- Cyclists
- Urban roads
- Pedestrians
- Children
- Rural roads
- Light trucks
- Gender
- Car occupants
- Motorways
- Regional
- PTW

## Key Safety Performance Indicators

- 8 KPIs are integral part of EU Road Safety Policy Framework 2021-2030. Aim to monitor them across the EU to underpin the target of 50% reduction and provide an insight into the factors influencing road safety performance
- EU support for the data collection and analysis of the KPIs - Consortium of 18 Member States (Baseline project). Methodological guidelines published. Final results January 2023.
- New Trendline project with funding for 25 Member States to begin in 2023 – new round of data collection for existing KPIs plus testing new experimental ones



## EU KPIs

	Indicator	Definition
1	<b>Speed</b>	Percentage of vehicles travelling within the speed limit
2	<b>Safety belt</b>	Percentage of vehicle occupants using the safety belt or child restraint system correctly
3	<b>Protective equipment</b>	Percentage of riders of powered two wheelers and bicycles wearing a protective helmet
4	<b>Alcohol</b>	Percentage of drivers driving within the legal limit for blood alcohol content (BAC)
5	<b>Distraction</b>	Percentage of drivers NOT using a handheld mobile device
6	<b>Vehicle safety</b>	Percentage of new passenger cars with a EuroNCAP safety rating equal or above a predefined threshold
7	<b>Infrastructure</b>	Percentage of distance driven over roads with a safety rating above an agreed threshold
8	<b>Post-crash care</b>	Time elapsed in minutes and seconds between the emergency call following a collision resulting in personal injury and the arrival at the scene of the collision of the emergency services

## EU Legislation – recent developments

- **Existing legislation can be found on**

[https://road-safety.transport.ec.europa.eu/eu-road-safety-policy/what-we-do/eu-road-safety-legislation\\_en](https://road-safety.transport.ec.europa.eu/eu-road-safety-policy/what-we-do/eu-road-safety-legislation_en)

- **General Vehicle Safety Regulation**

- Mandatory features into force July 2022: intelligent speed assistance, emergency lane keeping, alcohol interlock installation, driver drowsiness warnings.

- **Urban mobility framework**

- Sustainable Urban Mobility Plans in 424 “urban nodes” - cities with 100 000+ inhabitants or capital of regions of TEN-T
- Road safety to be one of the KPIs gathered. This can be covered by providing geo-coordinates in CARE

- **Ongoing revision of TEN-T Regulation**

- Enhancing road safety with a stronger focus on infrastructure



## EU Legislative plans

- Working on Revision of **EU Driving Licence Directive**, and **Cross-Border Enforcement Directive** (plans for adoption Q1 2023)
- **Roadworthiness** package later in 2023/2024



## EU Funding Programmes

- Recovery and Resilience Facility
- Connecting Europe Facility
- European Regional Development Fund
- Horizon Europe
- Safer Transport Platform (joint initiative of EIB and Commission)
- NDICI (Neighbourhood, Development and International Cooperation Instrument)
- TAIEX funding for Eastern Partnership and Western Balkans





## EU Outreach and Support

- **Outreach**
  - European Road Safety Charter and Excellence in Road Safety Awards
  - Urban Road Safety Awards
  - European Road Safety Exchange
  - Cross-border transport police cooperation – Roadpol
  - Political engagement through High Level Group on Road Safety
- **International cooperation**
  - Cooperation with UNECE on vehicle regulations
  - EU funding in support of international road safety 2021-2027
  - Support to UNRSF, pre-accession and neighbouring countries and Africa

