

Global status report on road safety 2023



Sweden

Population:
10 467 097

Income group:
High income

WHO Region:
European Region

GSRRS participation:
2009, 2013, 2015, 2018, 2023

BURDEN		
Reported fatalities (year)	210 (2021)	
Reported fatalities sex distribution (Male; Female)	74%; 26%	N/A
Reported fatalities user distribution ¹	56%; 14%; 12%; 10%; 8%	N/A
WHO estimated road traffic fatalities (95% CI) (year)	217 (95% CI 199 - 234) (2021)	
WHO estimated rate per 100 000 population (year)	2.1 (2021)	
SAFE ROAD INFRASTRUCTURE		
Total paved kilometers (year)	79 900 (2022)	N/A
Presence of technical standards for new roads that take account of all road-user safety, or align with relevant UN Conventions and regulate compliance with them ²	Yes†	N/A
Presence of systematic approaches to assess/audit new roads ²	Yes	
National law requiring a formal road safety inspection/assessment	Yes	N/A
Target for roads to meet technical safety standards for all users (year)	Yes (2030)	N/A
Investments to upgrade high risk locations	Yes	
SAFE VEHICLES		
Total registered vehicles [rate per 100 000 pop] (year)	6 584 881 [62 910.3] (2021)	
Four-wheel vehicles	4 986 750	
Powered 2- and 3-wheelers	415 288	
Heavy trucks	85 554	
Buses	13 594	
Other	1 083 695	
Legislation on periodic vehicle technical inspection ²	Yes‡	N/A
National laws on front and side impact protection	Yes‡‡	N/A
National laws on seat-belt and seat-belt anchorages	Yes‡‡	N/A
National law on electronic stability control	Yes‡‡	N/A
National law on pedestrian protection	Yes‡‡	N/A
National law on anti-lock braking systems	Yes‡‡	N/A
Government vehicle procurement practices include safety prerequisites	Yes	N/A
Presence of high-quality safety standards for used-vehicle imports ²	Yes	N/A
POST-CRASH RESPONSE		
National law on universal access to emergency care	Yes	N/A
National law guaranteeing free-of-charge access to rehabilitative care for all injured	Yes	N/A
National law guaranteeing free-of-charge access to psychological services to road crash victims and their families	Yes	N/A
National good Samaritan law	–	N/A
National emergency care access number	National, single number	N/A
National target for time between serious crash and initial provision of professional emergency care (year)	–	N/A
INSTITUTIONAL FRAMEWORK		
Presence of strategies to promote alternatives to individuals use of powered vehicles	Yes, national	
National road safety strategy ²	Yes	
Fatality reduction target (year)	50% (2030)	
Non fatal reduction target (year)	25% (2030)	N/A
Funding to implement strategy	–	N/A
National law mandating third-party liability insurance for powered vehicles	Yes	N/A
National law on driving time and rest periods for professional drivers ²	Yes‡	N/A
Adherence to one or more of the 7 UN road safety conventions ²	7	N/A
Presence of national lead agency to implement national road safety strategy ²	Yes	
Presence of agencies that coordinate pre-hospital and emergency medical services ²	Yes, subnational	N/A

Strong

Moderate

Weak/None

Increase

Decrease

No change

Change

Advancement

None or unknown

Not provided

N/A

Not applicable

Evolution since 2010 or closest year possible

ROAD USER BEHAVIOUR		
Legislation on urban speed limits for passenger cars and motorcycles ²		
National law setting a speed limit	Yes	
Maximum urban speed limit	50 km/h	
Maximum rural speed limit	110 km/h	
Maximum motorway speed limit	120 km/h	
Local authorities can modify limits	Yes	
Presence of targets to reduce speeds nationally (year) ²	National (2030)	N/A
Available types of enforcement	Manual	
Legislation on drink driving ²		
National law on drink-driving	Yes	
BAC limit – general population	≤ 0.02 g/dl	
BAC limit – young or novice drivers	≤ 0.02 g/dl	
Random breath testing carried out	Yes	
Presence of targets to reduce driving after drinking nationally (year) ²	National (2030)	N/A
Testing carried out in case of fatal crash	Yes, all drivers are tested	
Legislation on drug driving	Yes	
Legislation on distracted driving (mobile phones)	Yes	N/A
Ban on mobile phone use ²	Hand held; Hand free	
Presence of targets to reduce distracted driving nationally (year) ²	No	N/A
Legislation on helmets for motorcycle riders ²		
National motorcycle helmet law	Yes	
Legislation requires helmet fastening	Yes	
Legislation applies to:	Drivers and Passengers	
Legislation applies to all road types	Yes	
Legislation applies to all engine types	Yes	
Legislation refers to and/or specifies helmet standard ²	Yes‡‡	
Presence of targets to increase helmet use (year)	Yes, national (2030)	N/A
Helmet wearing rate ² (Driver; Passenger)	98%	
Minimum age/height children are allowed as passengers	No	N/A
Legislation on seat-belts for motor vehicle occupants ²		
National seat-belt law	Yes	
Legislation applies to front and rear seat occupants	Yes	
Presence of targets to increase seat belt use (year) ²	Yes, national (2030)	N/A
Seat-belt wearing rate ² (Drivers; Front seat occupants; Rear seat occupants)	98%; 99%; 86%	N/A
Legislation on child restraint systems ²		
National child restraints use law	Yes	
Children seated in front seat	Yes	
Age or height specified for children requiring child restraint	135 cm	
Child restraint standard referred to and/or specified	Yes‡‡	
Presence of targets to increase child safety restraint use (year)	Yes, national (2030)	N/A
NATIONAL DATA SYSTEMS ON...		
Civil Registration and Vital Statistics (2021)	Group 1	
Frequency and distribution of journeys by modal type	Yes	N/A
Speeding violations and speeding related injuries and fatalities ²	Yes	N/A
Driving under the influence of alcohol or drugs and related road traffic-related fatalities and injuries ²	Yes	N/A
Seat belt and child-restraint systems use ²	Yes	N/A
Powered 2- and 3- wheeler helmet use ²	No	N/A
Mobile phone use while driving ²	No	N/A

1 4W= Four-wheel vehicles, 2/3W= Powered 2/3 wheelers, P=pedestrian, C=Cyclist; O=Other & Unknown

2 UN voluntary target indicator

* Alcohol consumption prohibited in country

† Country adheres to corresponding UN or equivalent international safety regulation

‡ Corresponding EU regulation mandatory for country

§ Not validated

Legislative review and mortality estimations conducted by WHO. International regulation, population and income level from external sources. All other data collected by WHO via survey and cleared by government-designated National Data Focal Points. See Methods for more detail.

Global status report on road safety 2023: Country and territory profiles.