



FEDERATION INTERNATIONALE DE L'AUTOMOBILE

International Standards for Road Safety Data

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Data requirements and standards

“Traditional” and needed data templates

- E.g., Eurostat/ITF/UNECE
Glossary of Transport Statistics

But...What else is required???

- UN`s Sustainable Development Goals (Ref: Technical Report by the Bureau of the United Nations Statistical Commission on the process of the development of an indicator framework for the goals and targets of the post 2015 development agenda (working draft))
- WB`s Sustainable Mobility for all (SUM4all) (Ref: Global Mobility Report 2017 Tracking Sector Performance. Sustainable Mobility for all (SUM4ALL) 2017 Transport and ICT Global Practice, The World Bank Group. November 2017)
- Global Performance Targets for Road Safety Risk Factors and Service Delivery Mechanisms (Ref: Developing voluntary global performance targets for road safety risk factors and service delivery mechanism. WHO paper. Version February 2018.)

UN Sustainable Development Goals



SDG GOAL 3: Ensure healthy lives and promote well-being for all at all ages

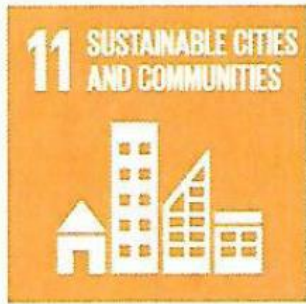
TARGET 3.6: By 2020, halve the number of global deaths and injuries from road traffic accidents

Monitoring big data issues, for example

GLOBAL TOTALS:



Ct'd



SDG GOAL 11: Make cities and human settlements inclusive, safe, resilient and sustainable

TARGET 11.2: By 2030, provide access to safe, affordable, accessible and sustainable transport systems for all, improving road safety, notably by expanding public transport, with special attention to the needs of those in vulnerable situations, women, children, persons with disabilities and older persons




GLOBAL ROAD SAFETY PERFORMANCE TARGETS

TARGET 1
2020



Target 1: By 2020, all countries establish a comprehensive multisectoral national road safety action plan with time-bound targets.

TARGET 2
2030



Target 2: By 2030, all countries accede to one or more of the core road safety-related UN legal instruments.

TARGET 3
2030



Target 3: By 2030, all new roads achieve technical standards for all road users that take into account road safety, or meet a three star rating or better.

TARGET 4
2030




Target 4: By 2030, more than 75% of travel on existing roads is on roads that meet technical standards for all road users that take into account road safety.

TARGET 5
2030




Target 5: By 2030, 100% of new (defined as produced, sold or imported) and used vehicles meet high quality safety standards, such as the recommended priority UN Regulations, Global Technical Regulations, or equivalent recognized national performance requirements.

TARGET 6
2030



Target 6: By 2030, halve the proportion of vehicles travelling over the posted speed limit and achieve a reduction in speed-related injuries and fatalities.

TARGET 7
2030



Target 7: By 2030, increase the proportion of motorcycle riders correctly using standard helmets to close to 100%.

TARGET 8
2030



Target 8: By 2030, increase the proportion of motor vehicle occupants using safety belts or standard child restraint systems to close to 100%.

TARGET 9 | 2030 |  50% | 

Target 9: By 2030, halve the number of road traffic injuries and fatalities related to drivers using alcohol, and/or achieve a reduction in those related to other psychoactive substances.

TARGET 10 | 2030 | 






Target 10: By 2030, all countries have national laws to restrict or prohibit the use of mobile phones while driving.

TARGET 11 | 2030 | 

Target 11: By 2030, all countries to enact regulation for driving time and rest periods for professional drivers, and/or accede to international/regional regulation in this area.

TARGET 12 | 2030 | 

Target 12: By 2030, all countries establish and achieve national targets in order to minimize the time interval between road traffic crash and the provision of first professional emergency care.

-  PILLAR 1: Road safety management
-  PILLAR 2: Safer roads and mobility
-  PILLAR 3: Safe vehicles
-  PILLAR 4: Safe road users
-  PILLAR 5: Post-crash response

Following the request of the United Nations General Assembly, on November 22, 2017 Member States reached consensus on 12 global road safety performance targets. For more information: http://www.who.int/violence_injury_prevention/road_traffic/road-safety-targets/en/





What your countries already report on...

- World Health Statistics 2017: Monitoring health for the SDGs, Sustainable Development Goals, Appendix B Part 1 (pp 86-93): World Health Organization, 2017. Available online at <http://apps.who.int/iris/bitstream/10665/255336/1/9789241565486-eng.pdf?ua=1>
- Institute for Health Metrics and Evaluation. Country profiles. Available online at <http://www.healthdata.org/results/country-profiles>.
- Global Status report on road safety 2015, p 264-322 World Health Organization, Geneva. Available online at http://www.who.int/violence_injury_prevention/road_safety_status/2015/en/
- Institute for Health Metrics and Evaluation Health related SDGs. Available online at <https://vizhub.healthdata.org/sdg/>
- Road Safety for All. Sustainable Development Goals FIA, Geneva 2016
- Torfs K., Meesmann U, Van den Berghe W, Trotta M (2016). ESRA 2015-The results. Synthesis of the main finding from the ESRA survey in 19 countries. ESRA project (European Survey of Road User's Safety Attitudes). Brussels, Belgium: Belgian Road Safety Institute. Available online at <http://esranet.eu/deliverables-publications>.
- World Bank's <http://siteresources.worldbank.org/EXTCORPPROUREMENT/Resources/VendorInsuranceRequirements.xls>
- Information on conventions and regulations accessed by each country are available online at http://www.unece.org/fileadmin/DAM/trans/conventn/agree_e.pdf.
Current file dated 17/07/2017
- International Road Federation World Road Statistics 2016, Data 2010-2014, IRF Geneva 2016.
- Economic Commission for Europe, Inland Transport Committee. World Forum for Harmonization of Vehicle Regulations, 171st session, Geneva 14-17 March 2017 ECE/trans/Wp.29/343/r3v.25 (available online at <http://www.unece.org/fileadmin/DAM/trans/main/wp29/wp29regs/2017/ECE-TRANS-WP.29-343-Rev.25.pdf>)
- Among EU country members, [Directive on driving licences – 2006/126/EC](https://ec.europa.eu/transport/road_safety/topics/driving-licence_en), https://ec.europa.eu/transport/road_safety/topics/driving-licence_en. In addition, <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:32006L0126:EN:NOT>. Also, CIECA, www.cieca.eu.
- Signatories to ILO convention 153 can be found in: http://www.ilo.org/dyn/normlex/en/f?p=1000:11300:0::NO:11300:P11300_INSTRUMENT_ID:312298
- Signatories to UETR can be found in: www.unece.org/trans/maps/un-transport-agreements-and-conventions-21.html
- WHO Emergency Care System Assessments available at <http://www.who.int/emergencycare/activities/en/>
- United Nations, Department of Economic and Social Affairs, Population Division (2016). The World's Cities in 2016 data booklet (ST/ESA/SER.A/392) available online at http://www.un.org/en/development/desa/population/publications/pdf/urbanization/the_worlds_cities_in_2016_data_booklet.pdf
- Global Report on Urban Health: Equitable, healthier cities for sustainable development. World Health Organization, Geneva, 2016. Full report available online at [file:///C:/Users/msegui-consultant/Downloads/9789241565271_eng%20\(1\).pdf](file:///C:/Users/msegui-consultant/Downloads/9789241565271_eng%20(1).pdf) Country specific profiles on urban health available online at [file:///C:/Users/msegui-consultant/Downloads/9789241565271_eng%20\(1\).pdf](file:///C:/Users/msegui-consultant/Downloads/9789241565271_eng%20(1).pdf)
- Information on 25 cities can be found in: Marks M, People near transit: improving accessibility and rapid transit coverage in large cities, ITDP (Institute for Transportation and Development Policy) report 2016. Available online <https://www.itdp.org/wp-content/uploads/2016/10/People-Near-Transit.pdf>
- World Economic Forum. Travel and Tourism competitiveness report 2017, <http://reports.weforum.org/travel-and-tourism-competitiveness-report-2017/2017>



Summarizing what we know already

“FIA Country Profiles” —to be released at Leipzig, May 2018

ROAD SAFETY SITUATION DATA

Marocco
LATEST PRINT: 31-Jan-2018, 11:24



NOTES:

- 1. Data used for this document is most recently available data that has been reported to international organizations. Actual situation may have improved since date of data collection.
- 2. Some variables may not have data as they are either not reported or are undergoing data collection and reporting.

Line	Metric	Data (2015)
Health Related Burden of Crashes		
1	Life expectancy (years)	74.3
2	Health Adjusted Life Expectancy	64.9
3	Road injuries rank as cause of death (in top 10?)	6
4	Road injuries rank as cause of premature death (in top 10?)	2
5	Road injuries rank in causing disability (in top 10?)	No
6	Road injuries rank as cause of death and disability combined (top 10?)	No
7	Number of road fatalities reported by country	3 832
8	WHO trend graph	
9	% road fatalities - users/passengers of 4-wheelers	35.9
10	% road fatalities - users/passengers of 2-3 wheelers	21.2
11	% road fatalities - cyclists	5.9
12	% road fatalities - pedestrians	26.2
13	% road fatalities - other & unspecified	10.9
14	WHO (estimated) number (and 95% confidence range) of road fatalities	6870 (5 831 - 7 910)
15	WHO classification for road and type of estimation (*1—countries with good death registration data; 2—countries with other sources of cause of death registration; 3—countries with population less than 1 50 000; 4—countries without eligible death registration data)	4*
16	Road traffic mortality rate (per 100 000 population)	20.8
17	Change in road fatality rate between 2010 - 2015 (%)	N/A
18	Decrease in pedestrian and cyclist deaths and serious injuries	N/A
19	Estimated road traffic crash victims with permanent disability (%)	N/A
20	Country reporting in other ES observatories (ICARE/EFSC/OISEVI/RTAD)	
21	Cited in FIA report as a particularly affected country	N/A
22	% road users concerned about road accidents	N/A
23	Self-reported % who have been in a traffic accident over past 3 months as car drivers	N/A
24	Self-reported % who have been in a traffic accident over past 3 months as car passengers	N/A
25	Self-reported % who have been in a traffic accident over past 3 months as cyclist	N/A
26	Self-reported % who have been in a traffic accident over past 3 months as motorcyclist (50-125 cc)	N/A
27	Self-reported % who have been in a traffic accident over past 3 months while walking	N/A
Crash/Injury Reduction Interventions in Place		
Pillar I: Road Safety Management		
28	Lead agency present	Yes
29	Lead agency funded	Yes



Other procedural issues on “profile” production:

Input

- Periodicity of reports
 - Ranges from ongoing to every several years
- Languages
 - English

Output (i.e., profiles)

- A profile for every country in the world
- Ordering information: Burden, Interventions (in 5 Pillars, and within Behavioural pillar by FIA “Golden rules”), exposure, and socio-economic background
- Periodicity every 4 months
- Languages: English, Spanish, French, Arab, Russian



This can help set priorities

On what data to collect and how

- E.g.,
 - Fatality counts
 - Non fatal counts
 - Attributable deaths to non use safety belts
 - Infrastructure high risk areas
 - Societal attitudes towards adoption of stricter measures

On what data sources to use/create

- Police-based data systems AND
 - Vital registration data
 - Health sector data
 - General population behavioral data
 - etc.

..And set targets for improvement and monitoring of progress

- Collaboration with input sources:
 - Indicator definers
 - Data collectors
- Collaboration in defining still missing data sources
- Guidance on priorities for regional observatories' priority setting

Example of quality check evolution: Number of deaths

Country/year	2017	2019	2021
A	OK	OK	OK
B	Undereporting 25%	Undereporting 12%	OK
C	Lacks vital reg. Systems	Lacks vital reg. systems	Underreporting 40%
D	Undereporting 5%	OK	OK
E	Lacks vital reg. systems	Undereporting 25%	Undereporting 5%

FIA HLP

Latest report (upon request)



Regional Observatories

- Regional Observatories
 - Not specific but inclusive of Africa
 - Country profiles
 - Lol with ITF and WB since 2017
 - Specific work in Africa --with additional collaboration with SSATP)
 - Setting up of the African Regional Observatory



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Development of an “African” regional observatory

Milestone 1: Dakar feb 2018



- Resolution letter signed by government representatives from 7 countries: Morocco, Kenya, Nigeria, Senegal, Benin, South Africa and Tanzania
- Next milestones: Abuja July 2018
- (likely) Marrakesh November 2018, and other meetings in the making during this year



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Thanks!