

Minimum set of common crash indicators at national level

TOWARDS THE ESTABLISHMENT OF A
ROAD SAFETY OBSERVATORY IN AFRICA
SECOND WORKSHOP, Abuja, 2-3 July 2018

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Proposed suggestion based on previous work

- Based on SSATP and Safer Africa recommendations (themselves based on international recommendations and the reality in your countries)

Checked against new development: “miniCADAS” (draft Jun 2018)



Reduce CADAS model:

ACCIDENT			
Column name	Meaning	CADAS CORRESPONDENCE	Values
1_AA_ACCIDENT_ID	Accident ID	A1	Year + country code + sequential number
2_AA_DATE	Date of accident	A2	YYYYMMDD
3_AA_ACTTYPE	Type of accident	A3	Vehicle
4_AA_LOCATION	Location	A4	See CATAS glossary
5_AA_DIRECTION	Direction	A5	See CATAS glossary
6_AA_DIRECTION	Direction	A6	See CATAS glossary
7_AA_DIRECTION	Direction	A7	See CATAS glossary
8_AA_DIRECTION	Direction	A8	See CATAS glossary
9_AA_DIRECTION	Direction	A9	See CATAS glossary
10_AA_DIRECTION	Direction	A10	See CATAS glossary
11_AA_DIRECTION	Direction	A11	See CATAS glossary
12_AA_DIRECTION	Direction	A12	See CATAS glossary
13_AA_DIRECTION	Direction	A13	See CATAS glossary
14_AA_DIRECTION	Direction	A14	See CATAS glossary
15_AA_DIRECTION	Direction	A15	See CATAS glossary

TRAFFIC UNIT			
Column name	Meaning	CADAS CORRESPONDENCE	Values
1_AA_ACCIDENT_ID	Accident ID	A1	See Accident
2_TU_TRAFFIC_ID	Traffic Unit ID within the accident	U1	Sequential Number
3_TU_TRAFFICTYPE	Traffic Unit Type = Pedestrian	U2	See CATAS glossary
4_TU_DIRECTION	Direction of the Vehicle	U3	See CATAS glossary
5_TU_YEAR	Vehicle Registration Year	U4	YYYY
6_TU_COUNTRY	Vehicle Registration Country	U5	See CATAS glossary (NA values: National_Percent)
7_TU_DIRECTIONTYPE	Vehicle Movement	U6	See CATAS glossary (Turning, Overtaking, etc.)

PERSON			
Column name	Meaning values	CADAS CORRESPONDENCE	Values
1_AA_ACCIDENT_ID	Accident ID	A1	See Accident
2_PU_PERSON_ID	Traffic Unit ID within the accident	U1	See Traffic Unit
3_PU_PERSON_ID	Person ID within the TU	P1	Sequential Number
4_PU_DIRECTION	Direction of the Person	P2	See CATAS glossary
5_PU_GENDER	Gender	P3	See CATAS glossary
6_PU_DIRECTIONTYPE	Person Type	P4	See CATAS glossary
7_PU_DIRECTIONTYPE	Person Type	P5	See CATAS glossary
8_PU_DIRECTIONTYPE	Person Type	P6	See CATAS glossary
9_PU_DIRECTIONTYPE	Person Type	P7	See CATAS glossary
10_PU_DIRECTIONTYPE	Person Type	P8	See CATAS glossary (NA values: National_Percent)
11_PU_DIRECTIONTYPE	Person Type	P9	See CATAS glossary

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Proposed suggestion based on previous work

- Get the EN or FR copy of working document
- Some debate now,
 - Minimum data set of (mostly) crash related data. However, some of the data can come from sources other than the crash report thus, strengthening the system
 - 44 proposed variables + a possible additions from MiniCadas
- In the next 15 mins,
 - each please read over as many variables as possible, but starting in variable 1 (point out group), variable 12, 23 and 34
 - We will do a round voting AGAINST inclusion in the minimum data set
 - Census: all in room who declare in conscience have something to say on this 😊
- A Little bit more work on this between now and November 2018

Appendix B. Recommended crash-related minimum data set and data sources

			Data sources							
			Preference order (1= best to 6= least preferred)							
Crash related indicators			Death certificate	Hospital record	Police report	Insurance report	Driver license	Vehicle registry	Road inventory	National ID
1	Crash identification number	<p>Definition: The unique identifier (e.g. a 10-digit number) within a given year that identifies a particular crash.</p> <p>Obligation: Mandatory</p> <p>Data type: Numeric or character string</p> <p>Comments: the police usually assign this value, as they are responsible at the crash scene. Other systems may reference the incident using this number.</p>	2	3	1	N/A	N/A	N/A	N/A	N/A
2	Crash date	<p>Definition: The date (day, month and year), on which the crash occurred.</p> <p>Obligation: Mandatory</p> <p>Data type: Numeric (DDMMYYYY)</p> <p>Comments: If a part of the crash date is unknown, the respective places are filled in with 99 (for day and month). Absence of year should result in an edit check. Important for seasonal comparisons, time series analyses, management/ administration, evaluation and linkage.</p>	4	3	1	2	N/A	N/A	N/A	N/A
3	Crash time	<p>Definition: The time at which the crash occurred, using the 24 hour-clock format (00.00-23:59).</p> <p>Obligation: Mandatory</p>	4	3	1	2	N/A	N/A	N/A	N/A

Results.... (after group deliberation)

- All adopted. 4 added in

Thanks

