

Database on ROAD TRAFFIC SAFETY CHARACTERISTICS in the Republic of Serbia – Restrospection (2011-2016)

Miroslav ROSIĆ
Road Safety Database
Engineer



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Chronology of DB Development ...

- 2011** Observer status in IRTAD for RTSA of the Republic of Serbia, from 2011.
- First participation of the RTSA on **IRTAD Meeting in Goteborg**, 17-18 October 2011
- Project with World Bank (New Road safety Database) started in 2012. Realization until end of 2016. **2012**
- Activities aimed to start data exchange (mostly Ministry of Interior) **2013**
- Serbian Ministry of Interior significantly **improved database structure during 2014**. **2014**
- Project of **purchasing GIS software** for road accidents database entries completed (2014) **2014**
- Project: Monitoring of basic characteristics of road accidents in Serbia according to **CADaS** recommendations of the European Commission (2014)



Chronology of DB Development ...

- 2015** Project: Quality improvement of data collecting and entry into road accidents' database (2015) – **police officers training**.
- Data is publicly available (**WEB GIS Application**) – June 2015.
- Intensive **promotion of management based on data** (brochure, manual for data analysis).
- 2016** RTSA became a Full Member of IRTAD in 2016.
- Data collection according to CADaS started from January 1, 2016
- Project with World Bank is ongoing and will be finished until end of 2016.
- Future: **MAIS 3+** Scale for injuries, automatic black spot identification, coordinates publicly available, improving data precision, availability, more datasets available ...



Project financed by World Bank

- Project started in 2012. Realization until end of 2016.
- Five national institutions** involved (RTSA among them)
- Extensive database **hardware** and **software** equipment
- Improved **data exchange** between institutions (**new datasets**)
- New **database reports**, new **WEB GIS attributes** introduced!

Data Collection Process

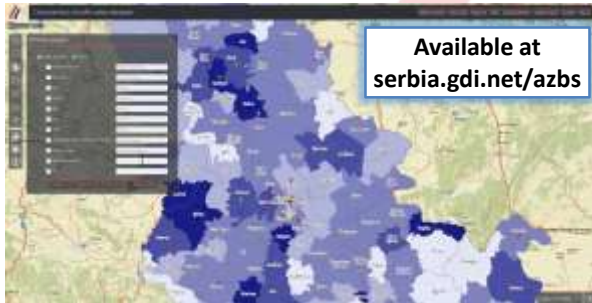


Who is involved? Future plans ...



WEB GIS Application

WEB GIS Application – Publicly Available



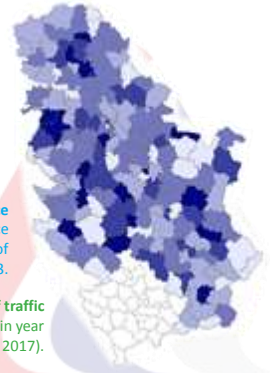
Available datasets ...

Data on **road accidents and their consequences** (persons and vehicles involved in road accidents) from year 1997 to year 2014, which the Agency receives in cooperation with the Ministry of Interior Affairs, the Traffic Police Directorate.

Data on the **road accident risks**. Relative indicators (risks) are involved (public risk and traffic risk).

The data on **road safety performance indicators**. Road safety performance indicators (e.g. the percentage of use of seat belts) are measured from 2013.

The data on assessments of **attitudes of traffic participants** (according to a survey done in year 2014, next survey planned in 2017).



WEB GIS Application

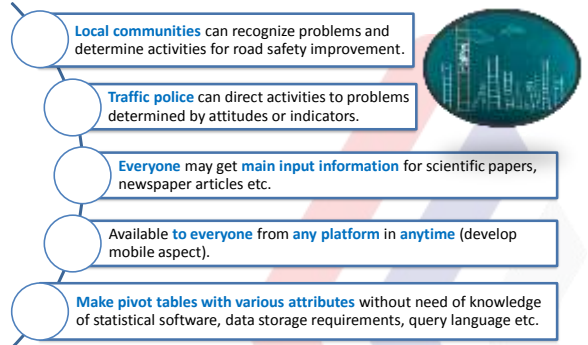
Attributive

- Statistics of **road accidents and persons involved in road accidents** available for everyone
- Available from **any platform anytime** (no waiting for delivery procedure)
- **Cross-tables** creation using application
- **Excel and PDF** exporting available, and also **Live Tables** inside application

Geographic

- Possibility to **analyze (search) interactive maps**
- Possibility to **paint directly on map** (create custom maps)
- **Exporting to PDF** (A4 or A3)
- Get details when using **Identify tool**
- Improvement is expected when **road accidents coordinates, road network and raster mosaics become included in application**

Application significance ...



Road accident coordinates



Additional material
WEB GIS





Republie of Serbia
Road Traffic Safety Agency

ROAD TRAFFIC SAFETY AGENCY

2 Mihajlo Pupin Boulevard, "Serbian Palace" – East side,
11070 New Belgrade, SERBIA
www.abs.gov.rs - abs@abs.gov.rs
Phone: (00381) 11 214 50 89

Miroslav ROSIĆ
miroslav.rosic@abs.gov.rs



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