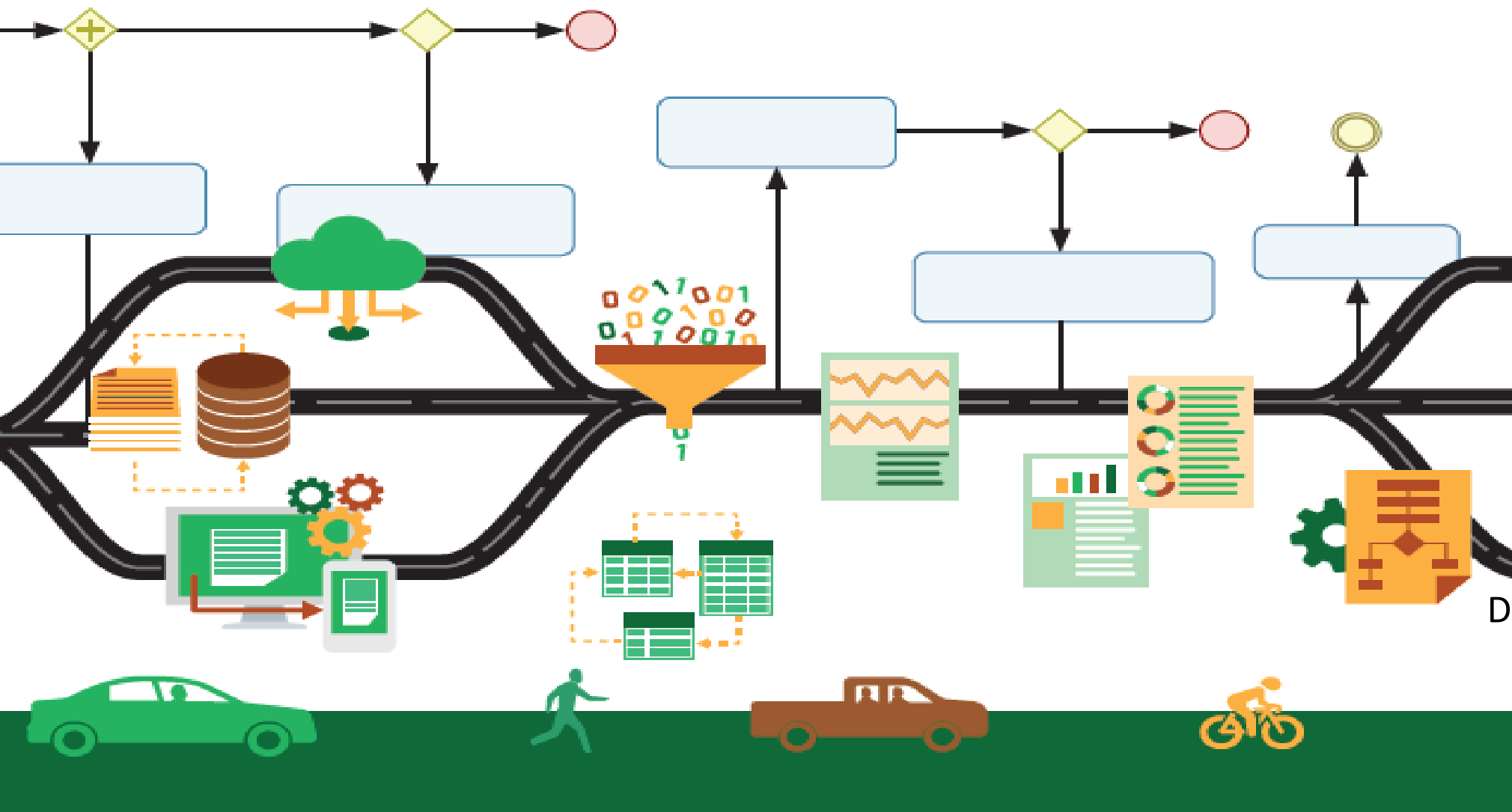


Underreporting of road traffic deaths in Senegal systems



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27 September 2022

WHO methods and data sources for country-level causes of death 2000-2019

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Division of Data, Analytics and Delivery for Impact (DDI)
WHO, Geneva*

Top 10 causes of death in Afghanistan for both sexes aged all ages (2000)

[Hide filters](#) | [Top-10 deaths](#) | [Top-10 DALYs](#) | [Underlying data](#) | [Download with OData API](#)

Filters

Country

Afghanistan ▼

Year

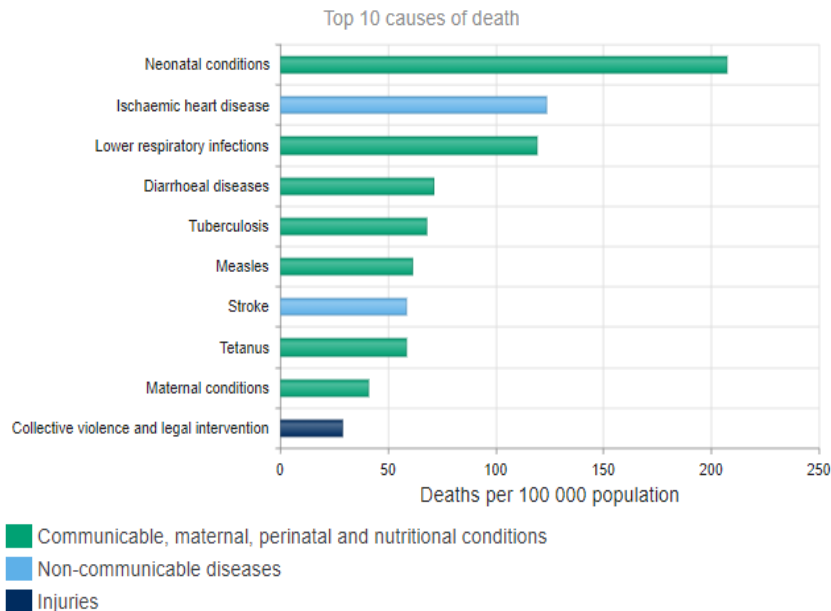
2000 ▼

Sex

Both sexes ▼

Age group

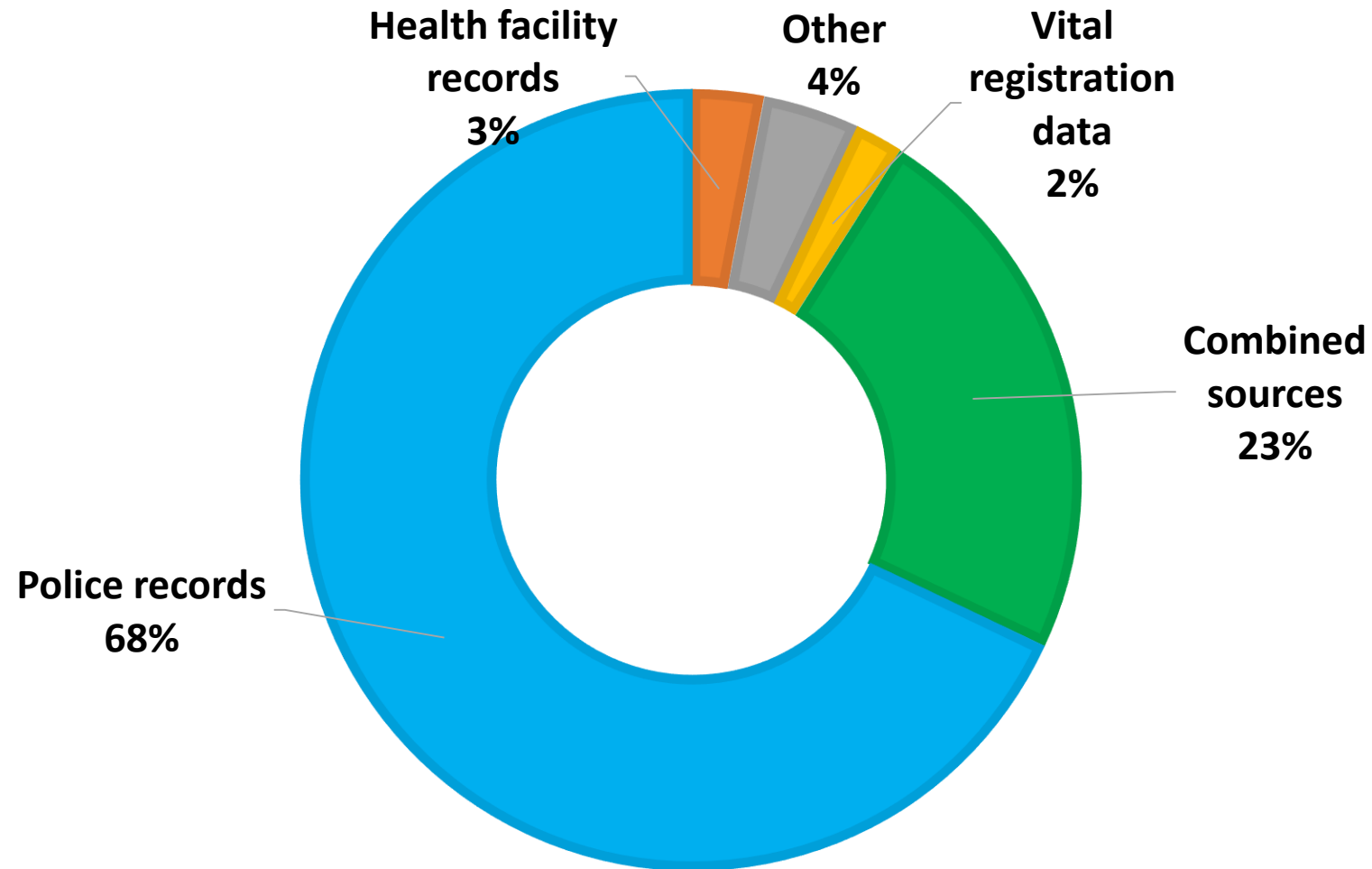
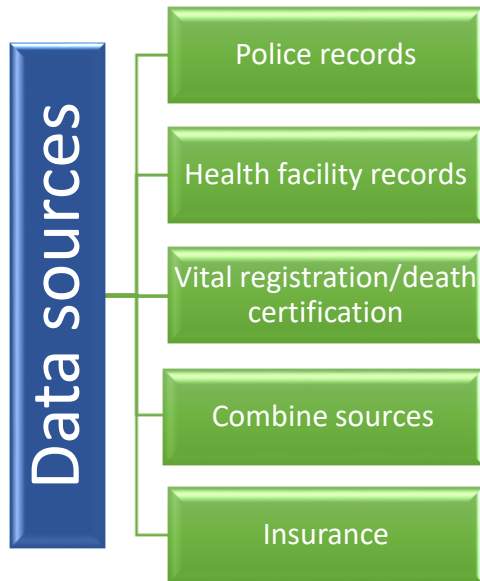
All ages ▼



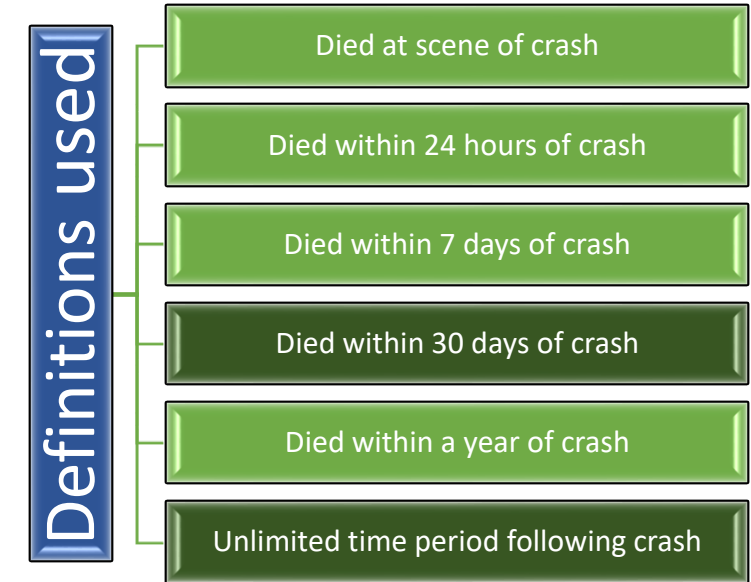
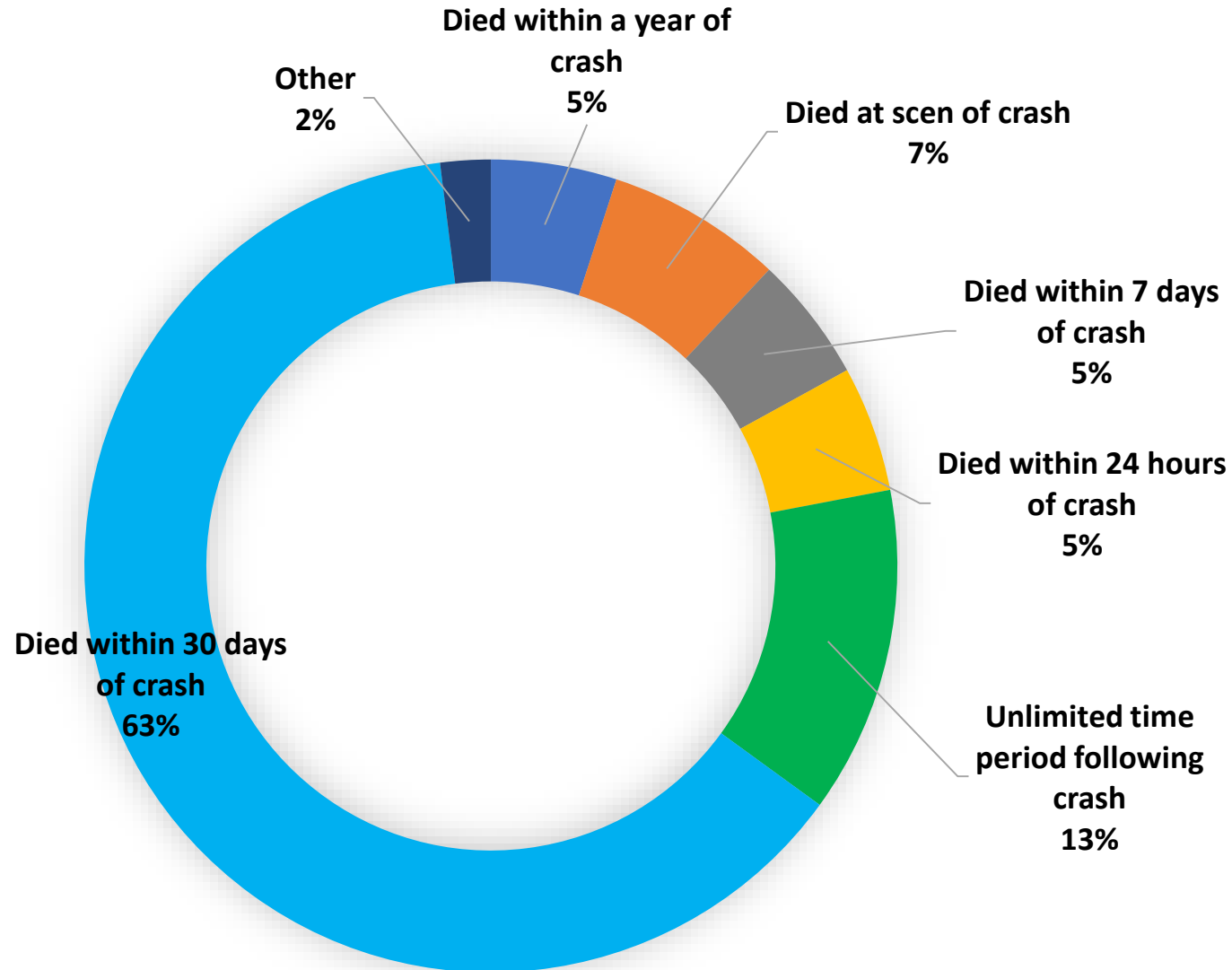
Global status report on road safety New one 2023



Sources of road traffic deaths data

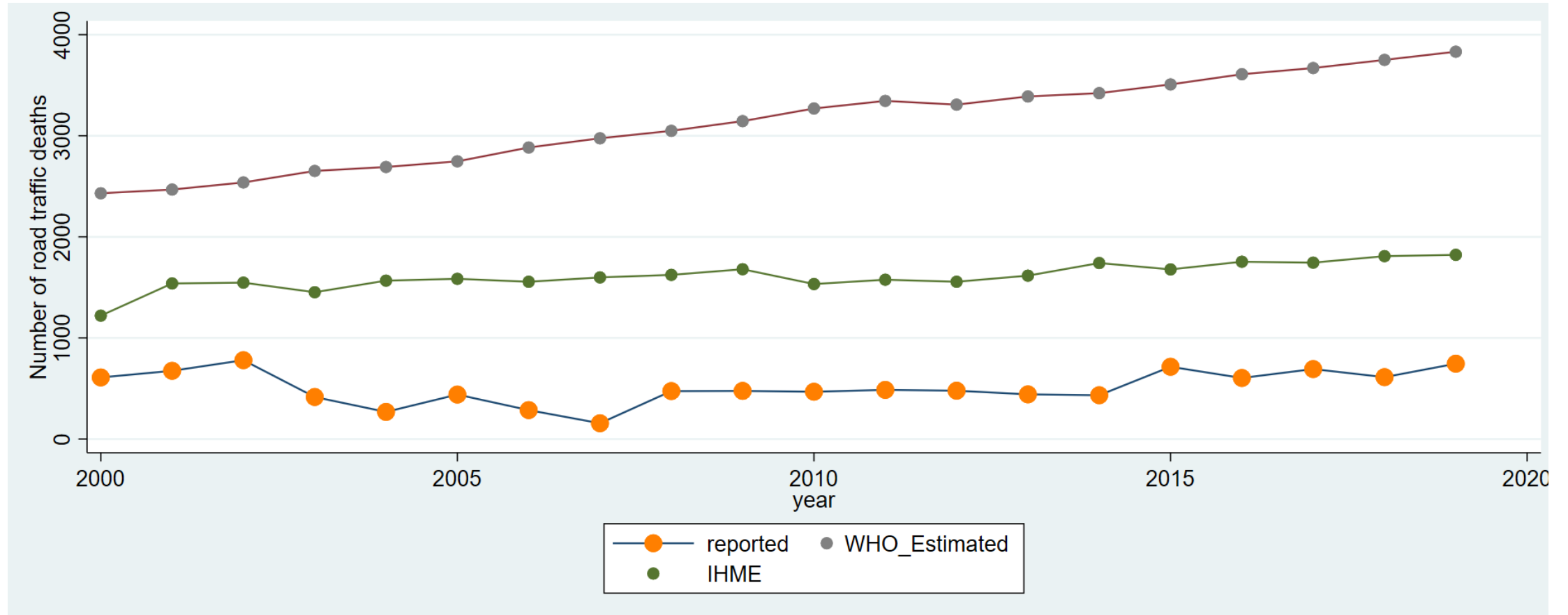


GSRRS: Time interval used for defining a road traffic death





Comparison between Reported and estimated road traffic deaths in Senegal

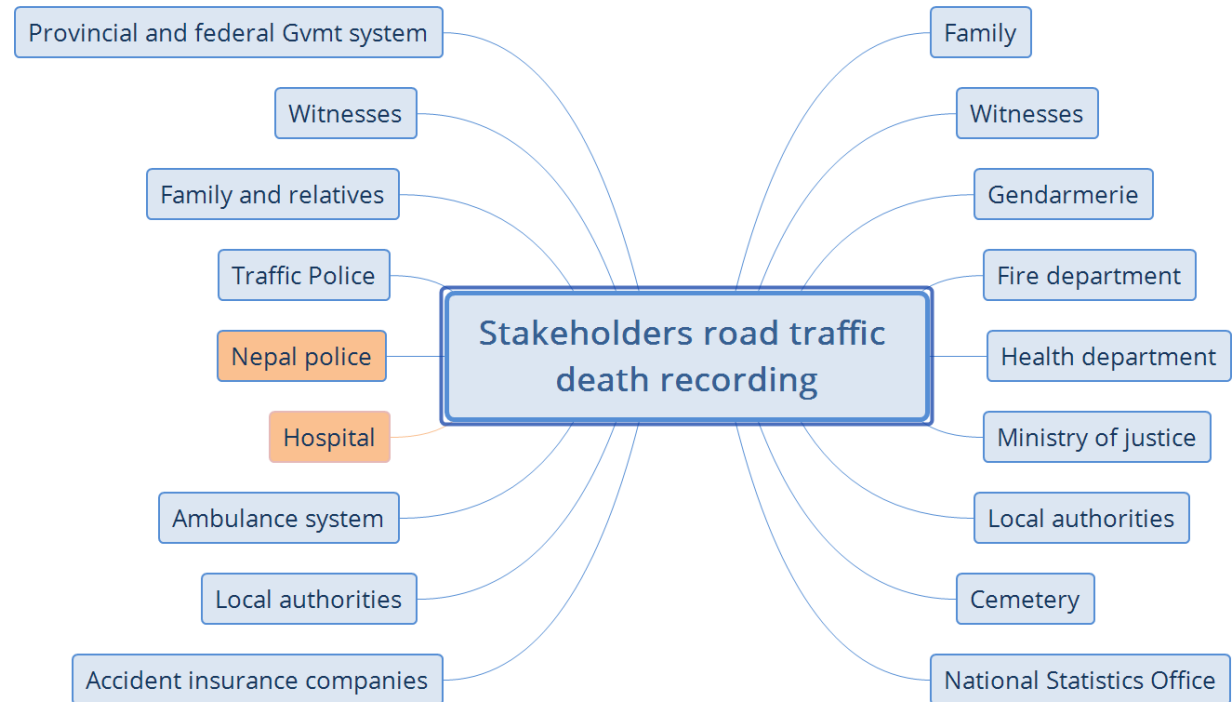




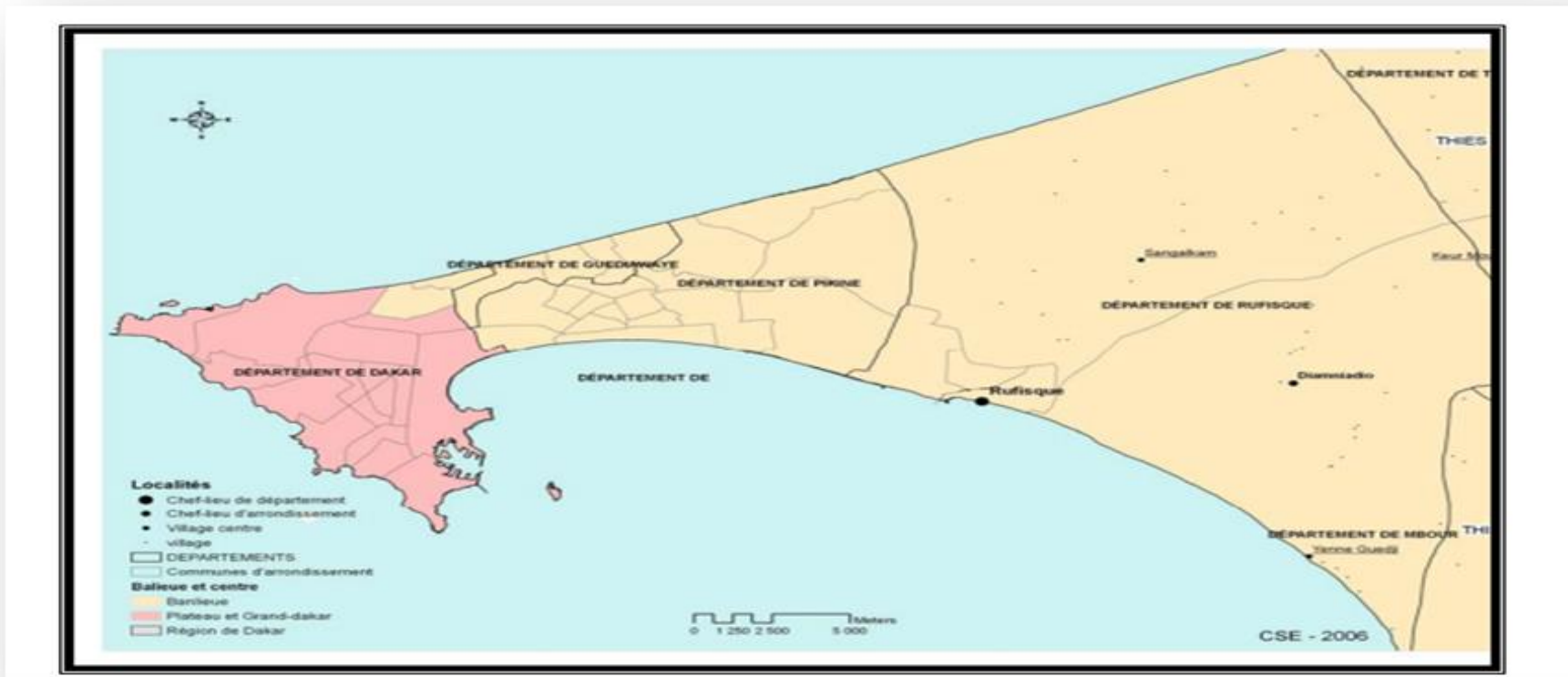
How WHO has supported countries

Steps suggested to improve the quality of road traffic deaths data in the country

- Knowledge, Attitude and Perception Survey on Quality of Road Safety Data (**KAP** survey)
- the **Bizagi** Modeler software solution is suggested
- Each country team should map the different stakeholders in their system
- Mapping the road traffic deaths system in each country
- Link the different sources of data available



- Capture-recapture method

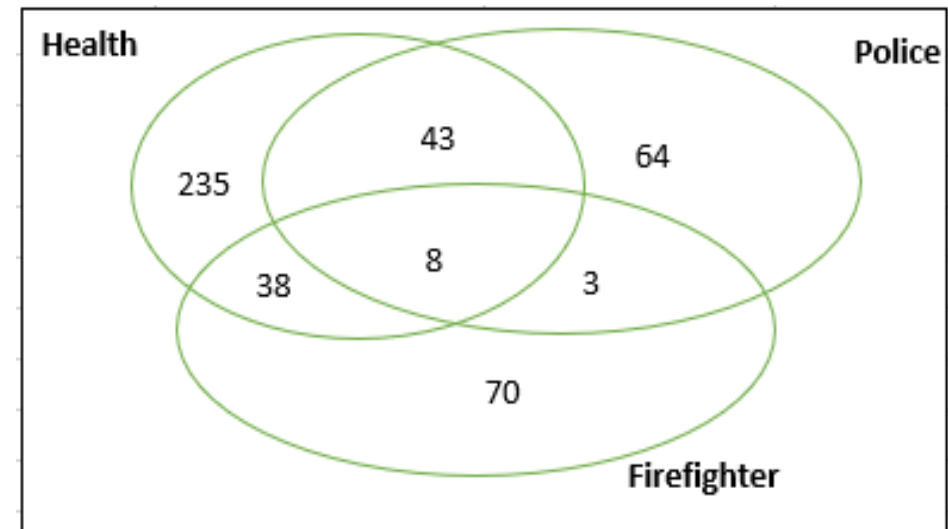


Supporting countries to improve their data on road traffic deaths(Examples of integrating different sources of data)

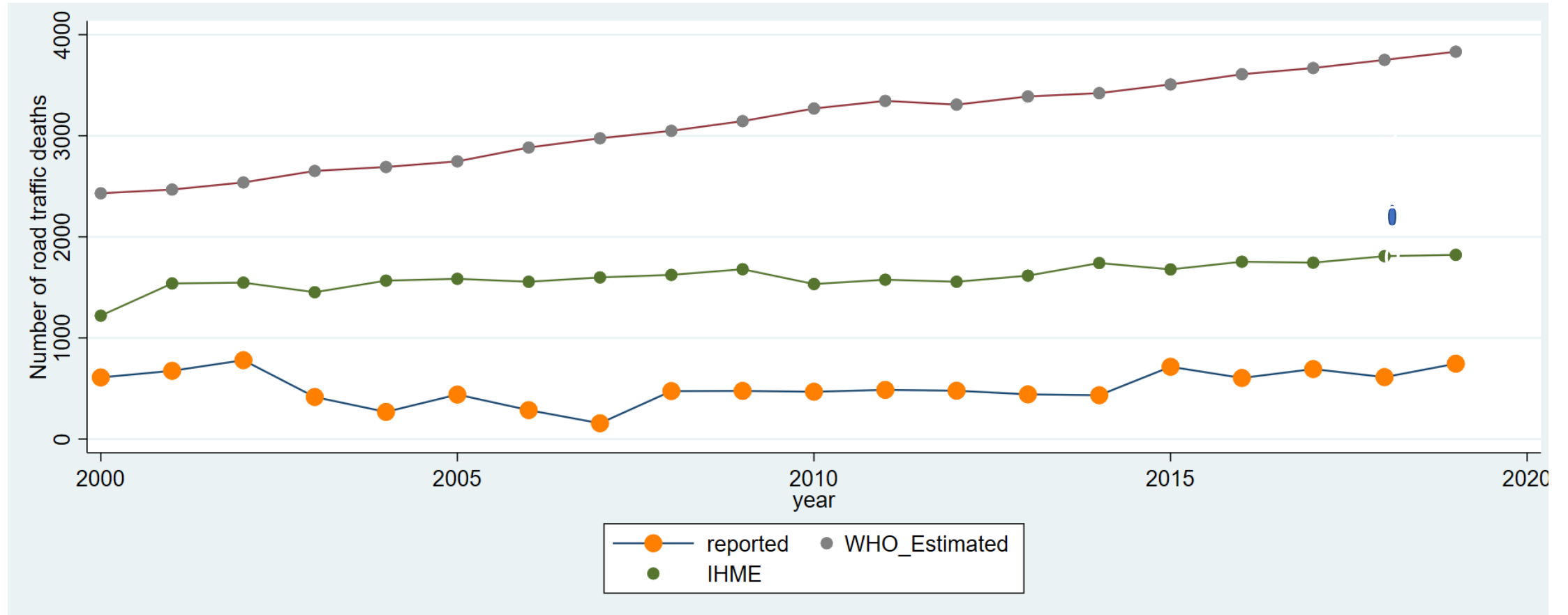
Completeness of police, health and firefighters

Database	n	Completeness	(95% CI, %)
Police Data	118	14%	(12, 16)
Health Data	324	38%	(33, 43)
Firefighters Data	119	14%	(12, 16)
Total (excluding duplicates)	461	54%	(47, 61)

Venn Diagram Dakar(Senegal)*



Comparison between Reported and estimated road traffic deaths in Senegal



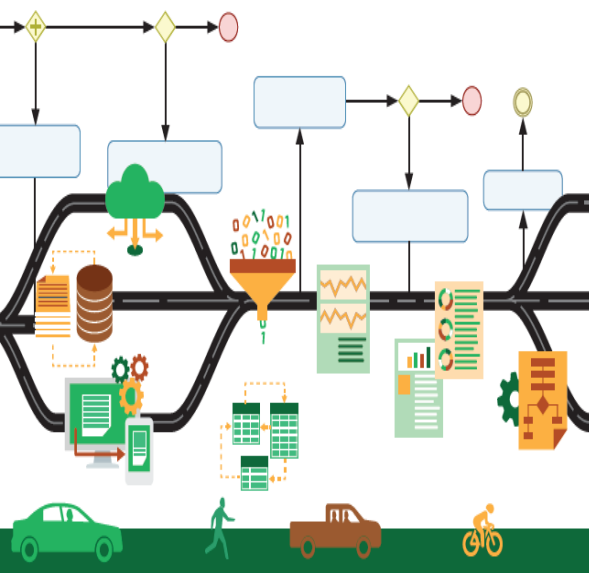
Conclusion

- At least collect data on minimum data sets
- Integrate data from different sectors: health, transport, police and insurance...
- Making effort to improve quality of data (CRVS data coverage and VA)



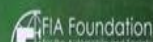


ROAD TRAFFIC DEATHS: STRATEGIES AND TOOLS FOR STRENGTHENING DATA SYSTEMS



Data systems

A ROAD SAFETY MANUAL
FOR DECISION-MAKERS
AND PRACTITIONERS



EuroMed Transport
SUPPORT PROJECT

UNDERSTANDING
AND BRIDGING THE
DIFFERENCES BETWEEN
COUNTRY-REPORTED AND
WHO-ESTIMATED ROAD
TRAFFIC FATALITY DATA

