Improving road crash data quality

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FIRST WORKSHOP ON THE IMPLEMENTATION OF THE ASIA-PACIFIC ROAD SAFETY OBSERVATORY (APRSO)

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World Health Organization
Data sources on road traffic injuries and fatalities

Data sources:
- Police records
- Health facility records
- Vital registration/death certification
- Combine sources
- Insurance

Definitions used:
- Died at scene of crash
- Died within 24 hours of crash
- Died within 7 days of crash
- Died within 30 days of crash
- Died within a year of crash
- Unlimited time period following crash
Finding the missing deaths

Vital registration/death certification

Police

Health/Insurance
Example of integrating different sources of data

- **Thailand**
  1. Reported data 8137
  2. Integrated data 21222
  3. Estimated data 24237

- **Dominique Republic**
  1. Reported data 1363
  2. Integrated data 3118
  3. Estimated data 3684

- **Tunisia**
  1. Reported data 1369
  2. Integrated data 2196
  3. Estimated data 2569

- **Turkey**
  1. Reported data 5409
  2. Integrated data 7263
  3. Estimated data 7488

*Preliminary
Thank you