

Oral Presentations

WC1. INJURY SURVEILLANCE

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OA2036. Injury insights at a glance: Exploring EU and WHO healthcare data through an interactive dashboard

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Issue/Problem: The dashboard satisfies the need to access the European Injury Database (EU-IDB) in an intuitive and easy way to provide standardized cross-national data on injury causes and circumstances from hospital emergency departments (ED) in Europe. This unique surveillance system supports evidence-based injury prevention through two complementary approaches: the comprehensive Full Data Set (IDB-FDS), which captures detailed

external circumstances, and the streamlined Minimum Data Set (IDB-MDS), which provides population-based indicators.

Description: An interactive dashboard has been developed by the Austrian Road Safety Board (KFV, Vienna) on behalf of EuroSafe to facilitate the analysis and visualization of data from the EU-IDB, specifically focusing on the aggregated MDS cases. The tool enables dynamic querying of the data, supporting the identification of patterns, temporal trends, and distributions by injury type, age group, sex, place of occurrence, and other relevant factors.

Results: This dashboard provides injury and mortality rates per 100,000 inhabitants per year and the European Core Health Indicators (ECHI), both at the level of individual countries and for the EU27 as a whole. Additionally, it integrates injury-related mortality data from the WHO Mortality Database, enabling comparative analysis between fatal and non-fatal outcomes.

Lessons: By combining these sources into a single interactive interface, the dashboard serves as a powerful resource for epidemiological surveillance, prevention planning, and evidence-based decision making. The system's dual-tier methodology effectively balances detailed quantitative analysis with broader epidemiological monitoring, making it a valuable tool for policymakers, researchers, and safety promotion organizations involved in the development and evaluation of injury prevention strategies.

Key messages:

- The interactive EU-IDB dashboard enables user-friendly access to standardized injury and mortality data across Europe, supporting evidence-based policies and targeted prevention strategies.
- By integrating ED and mortality data from EU-IDB and WHO sources, the dashboard offers a comprehensive tool for monitoring injury and identifying high-risk groups at both national and EU levels.

Topic: Injury surveillance, European Injury Database (EU-IDB), Public health dashboard