

Strengths and possibilities of the Injury Data Base: a hands-on practice on using the IDB Dashboard

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EU-IDB Dashboard

<https://eu-injury-observatory.streamlit.app/>

This dashboard allows you to explore data from the EU-IDB and from the WHO Mortality Database

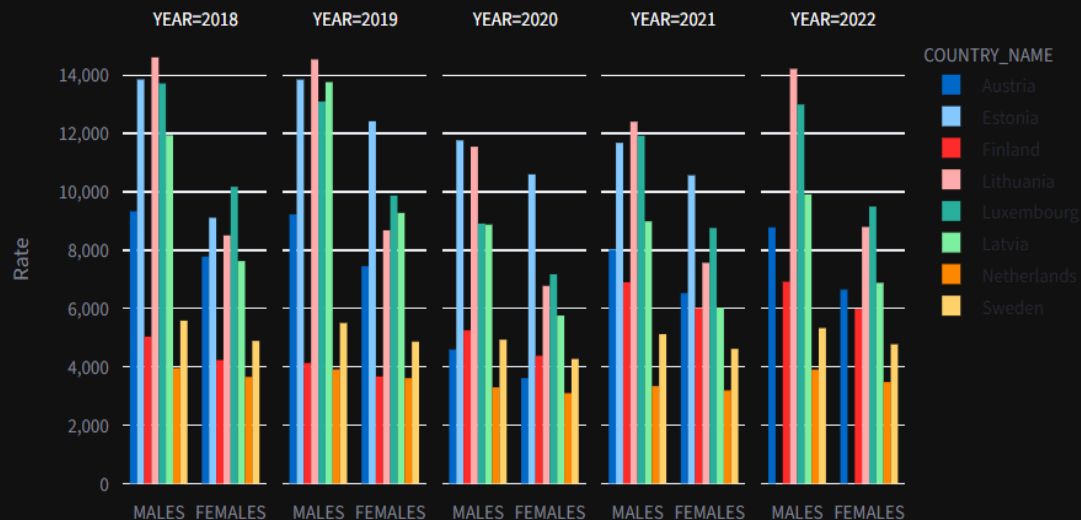
The EU Injury Database (EU-IDB) is a structured, cross-national data system coordinated by [EuroSafe](#), collecting detailed information on injuries and accidents across the EU

It helps researchers, policymakers, NGOs and health professionals to:

1. Understand injury mechanisms and affected population groups
2. Compare patterns across countries and years
3. Develop targeted prevention strategies

EU-IDB Dashboard

Accident Rate by Gender



Data Overview

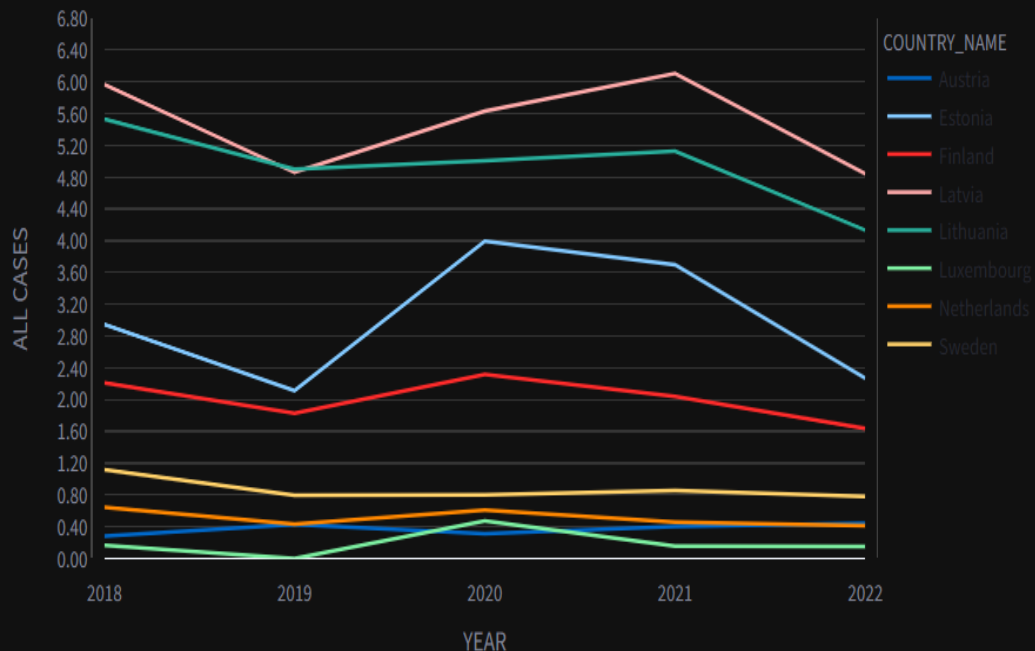
	COUNTRY	YEAR	INDICATOR	ALL CASES	MALES	FEMALES	0-14a	15-24a
3718	03 - Austria	2018	01 - All Injuries	8552.4029	9335.0591	7782.4934	9720.3994	13068.8
3802	12 - Estonia	2018	01 - All Injuries	11347.7012	13848.1776	9111.1439	16845.4871	16908.7
3830	14 - Finland	2018	01 - All Injuries	4631.363	5037.9499	4235.1594	5295.5511	5970.3
3970	23 - Lithuania	2018	01 - All Injuries	11324.3578	14607.5713	8506.5705	15264.6778	14459.8
3998	24 - Luxembourg	2018	01 - All Injuries	11954.3353	13714.0016	10173.5225	15248.332	15530.0

[Download Filtered Data \(CSV\)](#)

Data Limitations: Analyses based on the EU-IDB dataset should be interpreted with caution. Data availability and completeness differ substantially across countries and years. Not all Member States provided continuous data for 2008–2023, and some applied methodological restrictions

WHO Mortality Dashboard

Death Rate by Year and Country



Data Overview

	COUNTRY	YEAR	INDICATOR	ALL CASES	MALES	FEMALES	0-14a	15-24a	25-64a	65+	CC
1011	Austria	2018	Drownings	0.2829	0.4141	0.1559	0.131	0.2798	0.1884	0.627	AU
1012	Austria	2019	Drownings	0.428	0.6182	0.2439	0.2604	0.3242	0.1572	1.4293	AU
1013	Austria	2020	Drownings	0.314	0.5014	0.1325	0	0	0.3008	0.807	AU
1014	Austria	2021	Drownings	0.4022	0.5671	0.2421	0.344	0.4142	0.1682	1.2457	AU
1015	Austria	2022	Drownings	0.4412	0.5809	0.305	0.3217	0.5433	0.2032	1.2717	AU

[Download Filtered Data \(CSV\)](#)

European Injury Data Base Procedure for Micro Data Access

Phase 1: Application Form

Information on the Organization

Submit to: European Association for Injury Prevention and Safety Promotion

secretariat@eurosafe.eu.com

- Purpose of the entity
- Reputation of your organisation as a body producing quality research
- Internal organisational arrangements for research or consumer protection activity (independency)
- Purpose of the entity
- Research and Injury Prevention activities in the entity
- Safeguards in place
 - physical security of the entity's premises
 - entity's computer system
 - confidential data security and access monitoring
- Research coordinator contacts
- Short research proposal description

Phase 1: Application Form

PROPOSAL APPLICATION FORM

Submit to: European Association for Injury Prevention and Safety Promotion
secretariat@eurosafe.eu.com

- Principal investigator
- Data Manager
- Individual collaborators (1, 2,.....,n)
- Purpose of the proposal
- Duration of Micro Data access
- Datasets to be used and Countries
- Variable groups, reference years and target population
- Methods of analysis and expected results
- Dissemination
- Safekeeping of confidential data
 - Data storage
 - Data access only from clients with end-point security measures
 - Access only from the premises of the entity only for the personnel named in the project proposal
 - Data export/copy in any form is forbidden
 - Return of the data at the end of the project
- Procedure to ensure the anonymity of the statistical units in published results

Phase 2:

Individual Confidentiality Declaration & Terms of Use

Proposer will:

- Use the dataset only for the purposes specified in the research proposal
- Safeguard the dataset and any usernames and passwords associated with it
- Ensure that any results of analyses will not be disclosive or potentially disclosive
- Acknowledge the dataset and its source in any research report or publication
- Provide EuroSafe with references to publications
- Preserve the confidentiality of information pertaining to identifiable individuals
- Submit the final complete output of his work for the confidentiality check to the competent Eurosafe staff
- Destroy the dataset and any data or variables derived from it at the end of the research
- Abide by any other conditions notified to him by EuroSafe
- Inform EuroSafe immediately about any breach of the the confidentiality rules

Phase 2:

Individual Confidentiality Declaration & Terms of Use

General Principles

- Access will be granted only to researchers belonging to a recognised research entity
- The research entity's duly designated representative must have signed a confidentiality undertaking
- Access may be granted only if the research proposal has been approved by the EU-IDB Advisory Board
- Acknowledge the dataset and its source in any research report or publication
- All researchers accessing to confidential data must have signed a confidentiality declaration
- Each research proposal must be countersigned by the contact person identified in the confidentiality undertaking
- EU-IDB individual data shall be made available only to the researchers named in the research proposal
- Ensure appropriate security of the entity's premises and of the IT system and network
- Ensure the strict application of the rules for data protection of personal data
- No copy of all or part of the EU-IDB individual data may be made
- Access to EU-IDB individual data may be granted only for the period stated in the research proposal

Phase 3: Closing Declaration & Publications INFO

Publications INFO

Send an e-mail to secretariat@eurosafe.eu.com with references to publications written using EU-IDB microdata these references will be visible on the EuroSafe website

Closing Declaration

- Declaration on data usage and publications
- Declaration on data destruction or request for continuation of data use

Conclusions

- The EU-IDB offers the possibility to characterize both external causes of injuries, in a format compatible with the WHO International Classification of the External Causes of Injuries, and the outcome of the accident
- Groups of injuries and patterns could be compared across European countries
- The EU-IDB Micro Data archive offers a unique and standardized source for analytical research on injuries across Europe
- The dashboard application provides an interactive and intuitive platform to report Key Health & Prevention Indicators on both the EU-IDB and WHO mortality data sources

Thank You