

European Injury Database



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European All Injury Database

- The EU IDB is a web database which provides unique information to enable an evidence based response to public health and consumer safety issues
- External causes of injury
- Products/Substances involved
- Currently 19 Member States participate

- The Injury DataBase (IDB) is an all injury surveillance system
- Hospital emergency department data
 - Sample basis
- Electronic data entry system
- European Standardised Dataset
- Participating EU countries collect the data
- The Health and Consumer Directorate of the European Commission then makes the data centrally accessible



IDB DATASET

SEX OF PATIENT
AGE
DATE OF INJURY
TIME OF INJURY
DATE OF ATTENDANCE
TIME OF ATTENDANCE
DATE OF DISCHARGE
TREATMENT AND FOLLOW-UP
PLACE OF OCCURRENCE
MECHANISM OF INJURY
ACTIVITY
INTENT OF INJURY
TYPE OF INJURY
PART OF THE BODY INJURED
PRODUCT INVOLVED IN ACCIDENT
PRODUCT CAUSING THE INJURY
ACCIDENT DESCRIPTION

IDB Provides information on:
Who? What? Where? When?
How?

Prevention needs to be evidence based therefore information about external causes and circumstances of injury events are key

The IDB uniquely provides this kind of information

IDB in Ireland

- Continuation from EHLASS
 - CUH and Mayo General Hospital 1986-2000
- NSRF invited to pilot the IDB in Ireland
 - Due to expertise with the National Registry of Deliberate Self Harm
- Tasks Include:
 - NDA for Ireland
 - Host of the Coding Helpdesk
 - Maintenance and Update of Coding Tools
 - Actively screening the data, documentation and communication of coding problems by comparison of national data sets



Results

- 2,967 cases were recorded.
- Adjusting for the sampling procedure adopted; estimated 48,000 cases from Cork city hospitals.
- Extrapolating to the national level; 520,000 in the Republic of Ireland in 2005.
- In 2005 injury presentations accounted for 45% of all presentations to the emergency departments

Overview of Results

- 86% Unintentional accidents
- 7% Assault
- 3% Intentional self harm

- Men (63%) were more likely to present to Emergency Department than women (37%)

- 77% of injuries presented by those between 0 and 45 years

- For more detailed results visit:
 - <http://www.nsrif.ie/reports/CurrentStudies/PIReport-EU-IDB-2005.pdf>

Recommendations

- Poor recording of the injury event needs to be addressed
- Implementation and harmonisation of IT systems would facilitate better extraction of data
- Need to utilise recorded data more effectively

Future Developments of IDB in Ireland

- **Partners in INTEGRIS - Integration of European Injury Statistics**
- **Funding from the European Commission's Seventh Framework Programme (FP7)**
- **Aims of INTEGRIS:**
 - **Development of the IDB network**
 - **Develop and evaluate a data model for the integration of routine and more detailed hospital data on injuries**
 - **Data collection to recommence in December 2009**