

WHO injury data-related global activities: An update

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Areas of work

- Collating, analyzing and dissemination global data
- Promoting and facilitating improved collection on data
- Promoting and facilitating international research

Global data

- WHO mortality database
 - 50 years, 75 countries
- GBD updates
 - 193 countries, latest 2004
- Status Reports
- Global School Health Survey
- STEPS Risk Factor Survey
- Web dissemination platform: GHO



Making data more friendly!

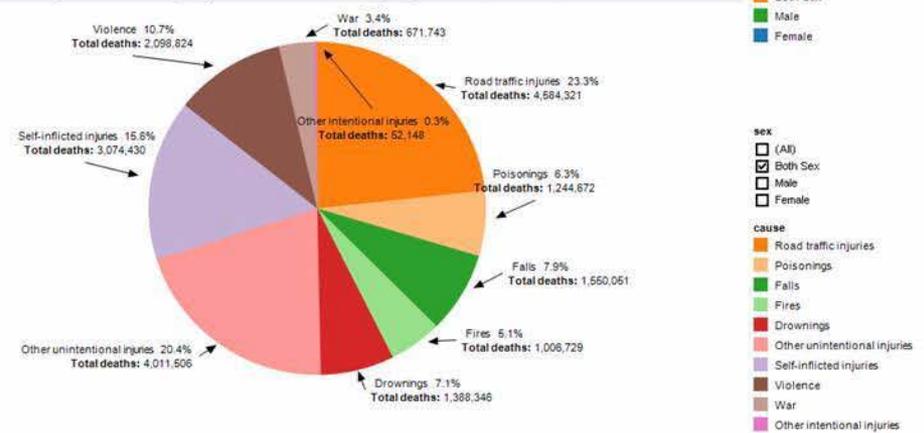
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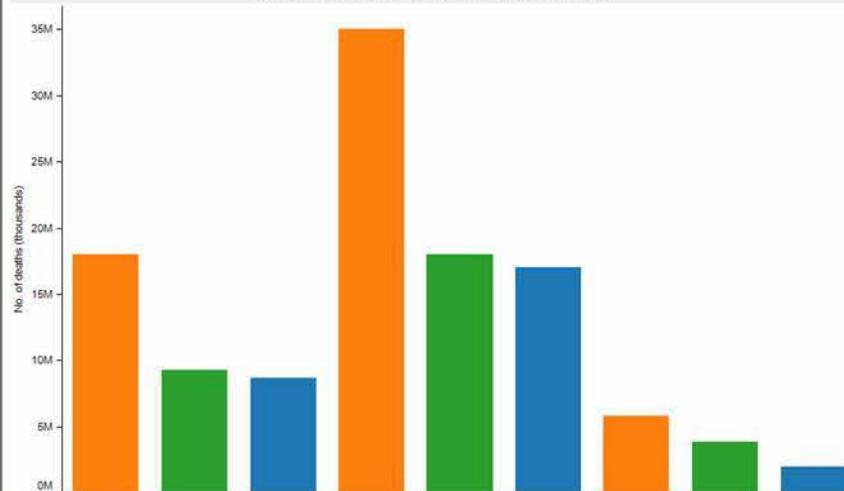
| summary | | | |
|--------------------------|-------------|------------|-------------|
| cause | sex | | Both Sex |
| | Male | Female | |
| All Causes | 110,342,145 | 98,026,795 | 208,368,933 |
| Communicable diseases | 30,343,498 | 28,183,887 | 58,527,383 |
| Noncommunicable diseases | 66,436,332 | 63,007,194 | 129,443,527 |
| Injuries | 13,562,314 | 6,835,707 | 20,398,021 |

Sum of totdeath broken down by sex vs. cause. The view is filtered on cause, which excludes 12 members.

Proportion of injury-related mortality by cause, world, 2004

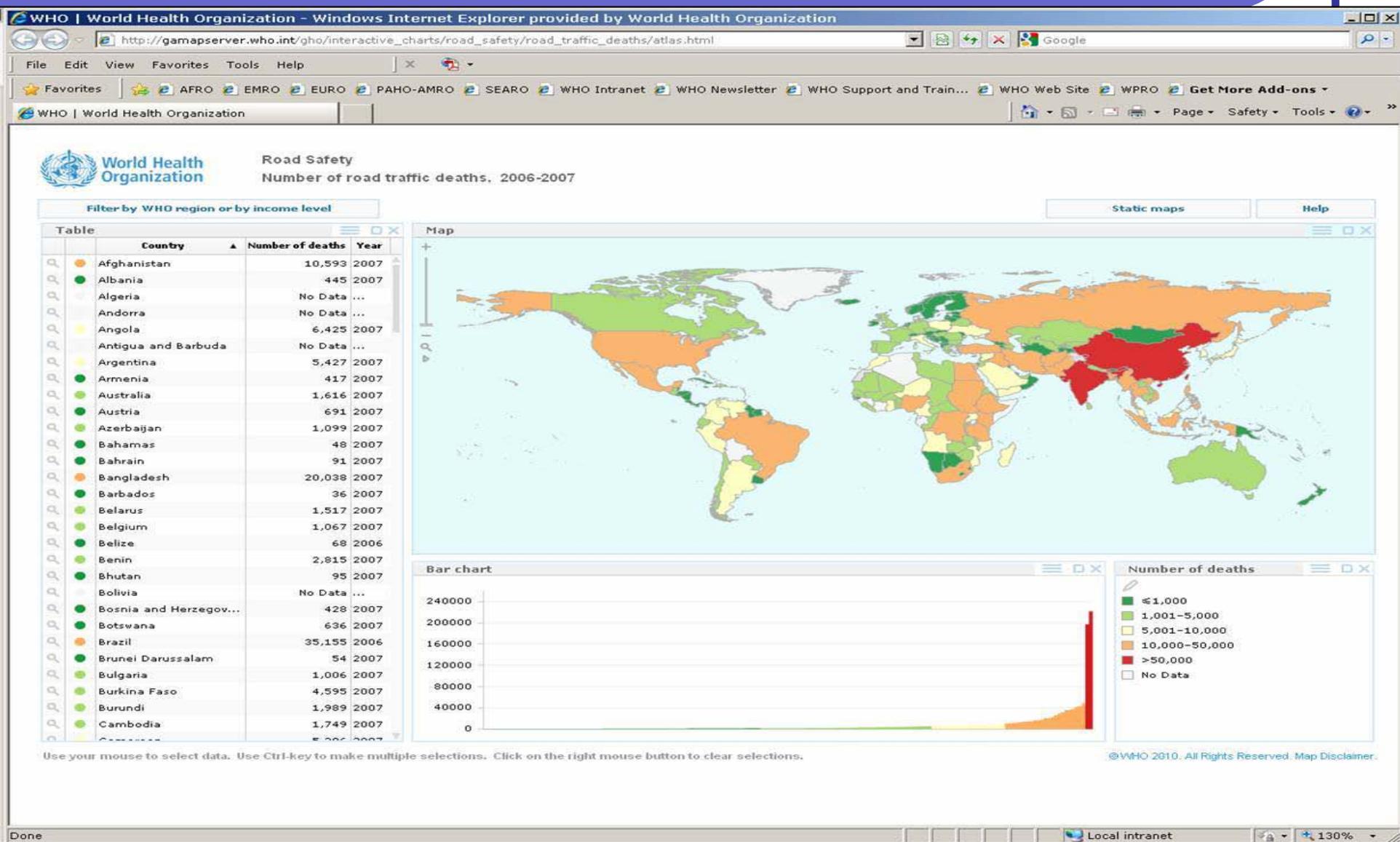


Mortality by sex and cause, world, 2004



totdeath 19,682,771

Making data more friendly!



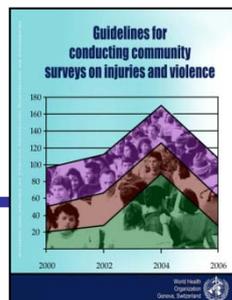
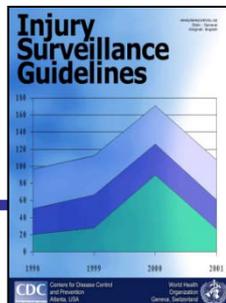
Advocating using global data

- Get injuries and violence onto agendas
- Policy development
- Good practices
- Resolutions
- International events
- Big prevention programmes



Data collection

- Guidelines and normative tools
- Support to countries for surveillance systems
- Integrating injury questions into other health surveys (GSHS, STEPS, DHS)
- Development of data management software (data collection, analysis, and report templates)



Mortuary-based injury surveillance manual

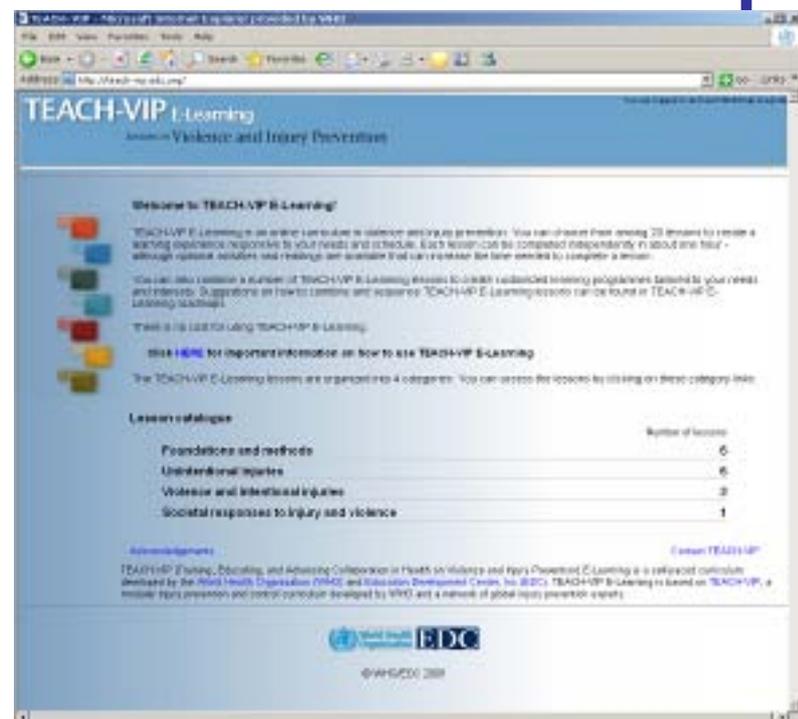
Injury information toolkit

Data standards

- Contribution to the WHO Indicator meta data registry
- Input into indicator development initiatives
- ICD11

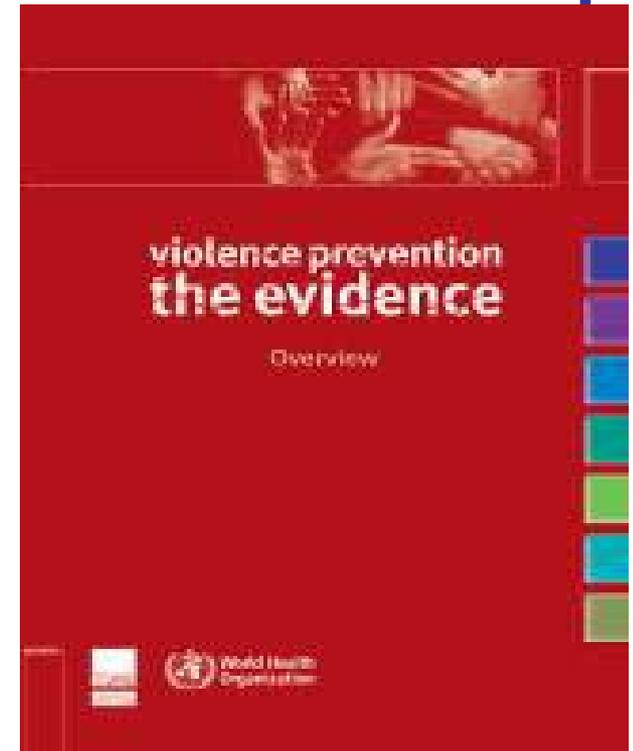
Capacity development

- TEACH VIP
- Mentor-VIP
- Regional trainings on injury epidemiology
- ICD-coding training in selected pilot countries (planned for 2010-2011)



Research

- Cost of violence study
 - Kenya, Tanzania, and Uganda
- Convening national and international researchers
- Providing seed grants
- Publishing the evidence



Challenges - National

- Data gap
 - Minimum data sets, (Hospital, Fatality, vehicle , road, passenger)
 - Standardization of data ,agreed definitions (Injury definition, 30 days)
- Data quality
 - Variability of statistics between existing data
- Recognise complexity of data collection, (cost, Burden, different disciplines)
- Lack of capacity – human resource and skills (analysis, communicating results)
- Not only a health problem
- Strong statement for reliable and timely data
- Better indicators
- Need for countries to have a complete and reliable database
- Linking data to concrete action

Challenges - International

- Need for global indicators
- Varying degree of quality (completeness and coverage) of data between countries
- Access to country databases and local research
- Linking data to concrete action
- Building capacity at a country level

Planned activities

- Improved and timely access to global data using GHO and other web based dissemination tools
 - Work with countries to develop platform for better sharing of national data
- Focus on improving data gaps
 - Mortality data – implementation of the mortuary manual
 - Morbidity data - identify priority research areas/seed funding for research
 - Risk factor data- disseminate existing data, development of tools (RTI)
 - Cost data – development of tools
- Adaptation of existing WHO tools
 - ICD-10 training
 - BoD tool
 - Indicator Metadata Registry (IMR)
 - Trauma registry data dictionary (2011)
- Injury data system development
 - Egypt and Kenya

Opportunities for collaboration

- Technical collaboration
 - Development of normative documents, tools and instruments
 - Preparation of technical reports on pre-defined topic
- Facilitating North-south and South-South collaboration
 - Capacity development (regional and national training)
 - Preparation of manuscripts and discussion papers on various topics
 - Multi-centre research

Discussion points

- What do policy makers and programme officers need to know (now, in few years)?
- How to work with countries to define their own priorities and systems
- Where to invest given the IT advances and opportunities
 - To facilitate timely data collection and dissemination
 - To provide useful/"actionable" information
- What opportunities exist for technical collaboration
- Where do we (countries, the field) want to be in 2 years? 5 years?