ICE on Injury Statistics

What are the challenges as ICE moves forward?

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Injuries are equally distributed in the world?

Mortality rate (per 100 000)

No data	
120.0–131.1	
95.0–119.9	
70.0–94.9	
45.0–69.9	
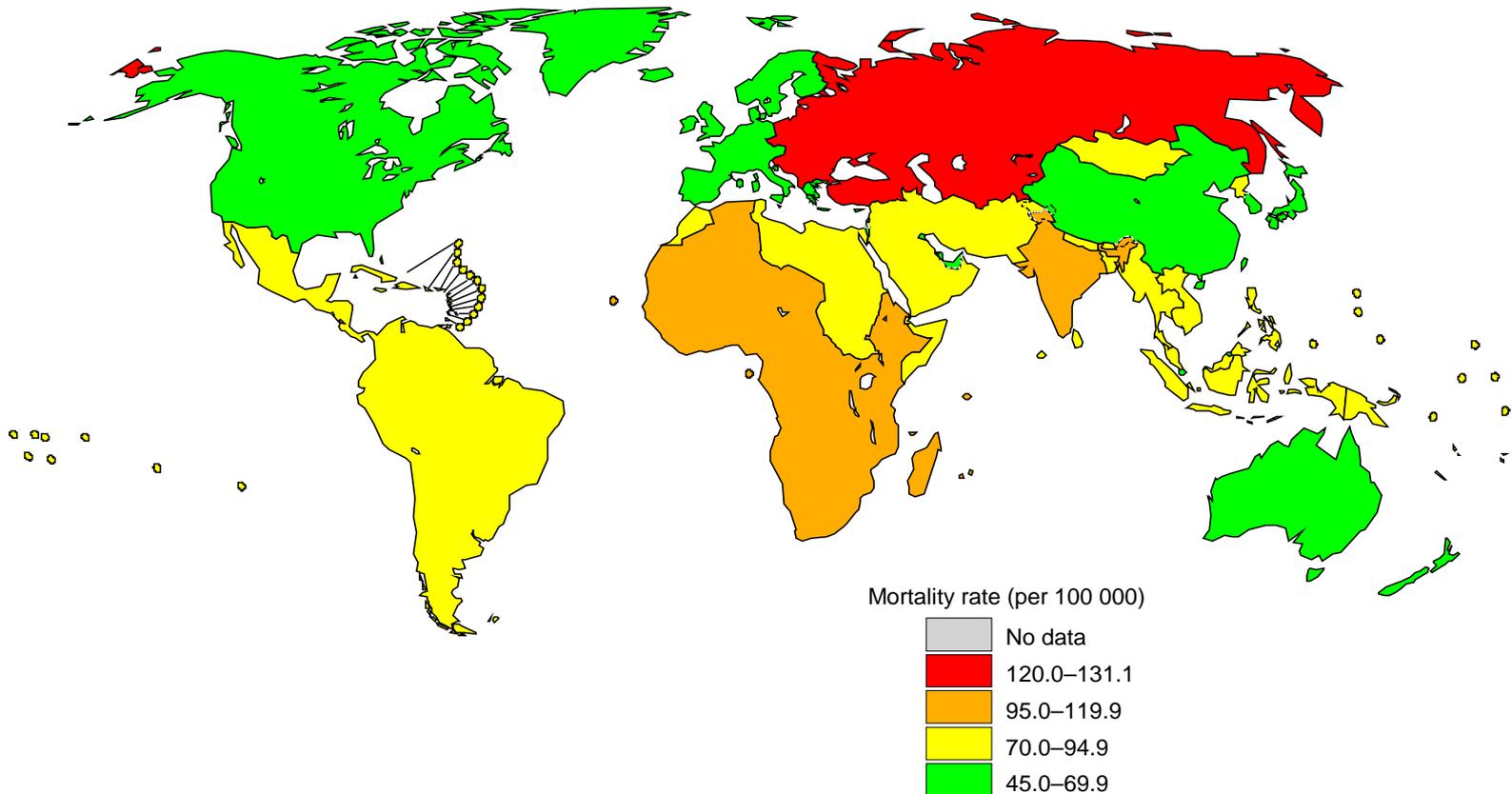
Injury-related mortality rates (per 100 000 population) in WHO regions, 2000

Africa	Americas		South-East Asia		Europe		Eastern Mediterranean		Western Pacific		
LMIC	HIC	LMIC	India	Other LMIC	HIC	LMIC	HIC	LMIC	HIC	China	Other LMIC
118.8	53.8	76.2	96.9	75.0	47.6	131.5	51.1	70.4	56.2	51.5	78.4

HIC, High-income countries; LMIC, Low- and middle-income countries.
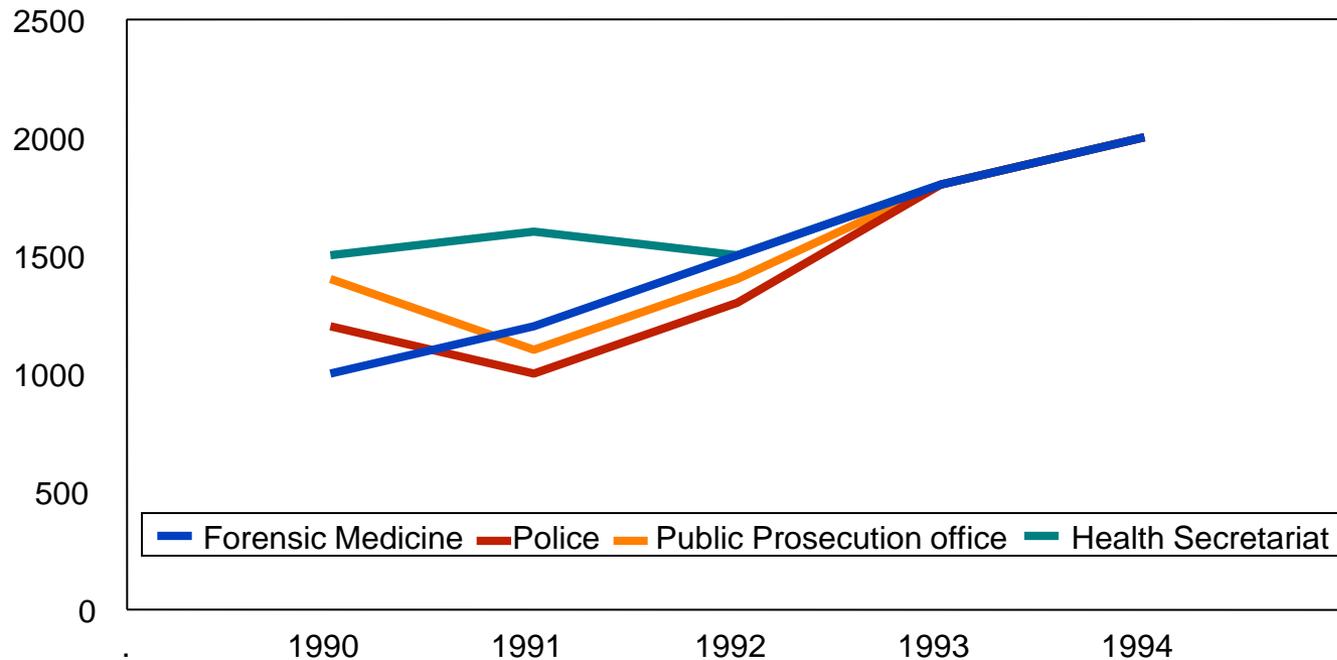
Source: Krug et al., eds., 2002.

Inadequate data validation

Standardization and Validation of Primary Information Sources

External Causes of Deaths Surveillance System Committee in Cali

Number of cases

Legend: Forensic Medicine — Police — Public Prosecution office — Health Secretariat

(x-axis: 1990, 1991, 1992, 1993, 1994; y-axis: 0, 500, 1000, 1500, 2000, 2500)

The Future of ICE on Injury Statistics

Depends on

- People (who?)
  - Epidemiologists, statisticians, researchers etc. *(anyone with a questioning spirit)*

- Ideas and issues (what?)
  - To improve the information and its usefulness globally

- Supporting environment (how and where?)
  - To facilitate the articulation of ideas and the research and resolution of issues, globally

Who should be engaged and why

- Government agencies
  - For funding and intersectorial support....
- Political bodies
  - To institute and drive policies based on good data
- Academic institutions
  - To enhance collaborations across countries and academic peers
- NGO's, Police, others

FATALITIES 1

Number of Accidents	23
Number of Persons Killed	27

CLASS OF ROAD USER KILLED

Pedal Cyclist	3
Motor Cyclist	7
Pillion Passenger	1
Drivers	2
Drivers of Tractors	
Passengers on Motor lorries & Vans . . .	
" " " Buses	4
" " " Tractors . . .	
" " " cars	3
Pedestrians	7
Towed on Bicycles	
Persons ⅞ of Animal Drawn Vehicles	
Passengers on Trailers	

AREAS OF ACCIDENTS
DIVISIONS

					CHILDREN Killed
"A" Div. G/Town					
East Bank				7	1
Highway – To Dora .					
"B" " New Amsterdam				7	1
Corentyne . . .		4		7	1
West Coast Berbice . .					
"C" " Upper Dem. . .		6		7	
Lower " . .		1			
"D" " West Coast Dem. .		2	2		
West Bank "					
"E" " Linden Wismar – Highway FROM DORA		2	2		
"F" " Bartica Interior					
"G" " Essequibo Coast . .		2			
TOTAL				27	

N⁰ of Fatal Accidents for the same period	
N⁰ of Persons Killed " YEAR 05	38
" " Children " ACC 165	40
" " Persons " DEATH 182	5

Challenges to engagement

- How can ICE facilitate their engagement?
  - Liaisons
  - Strategic partnerships
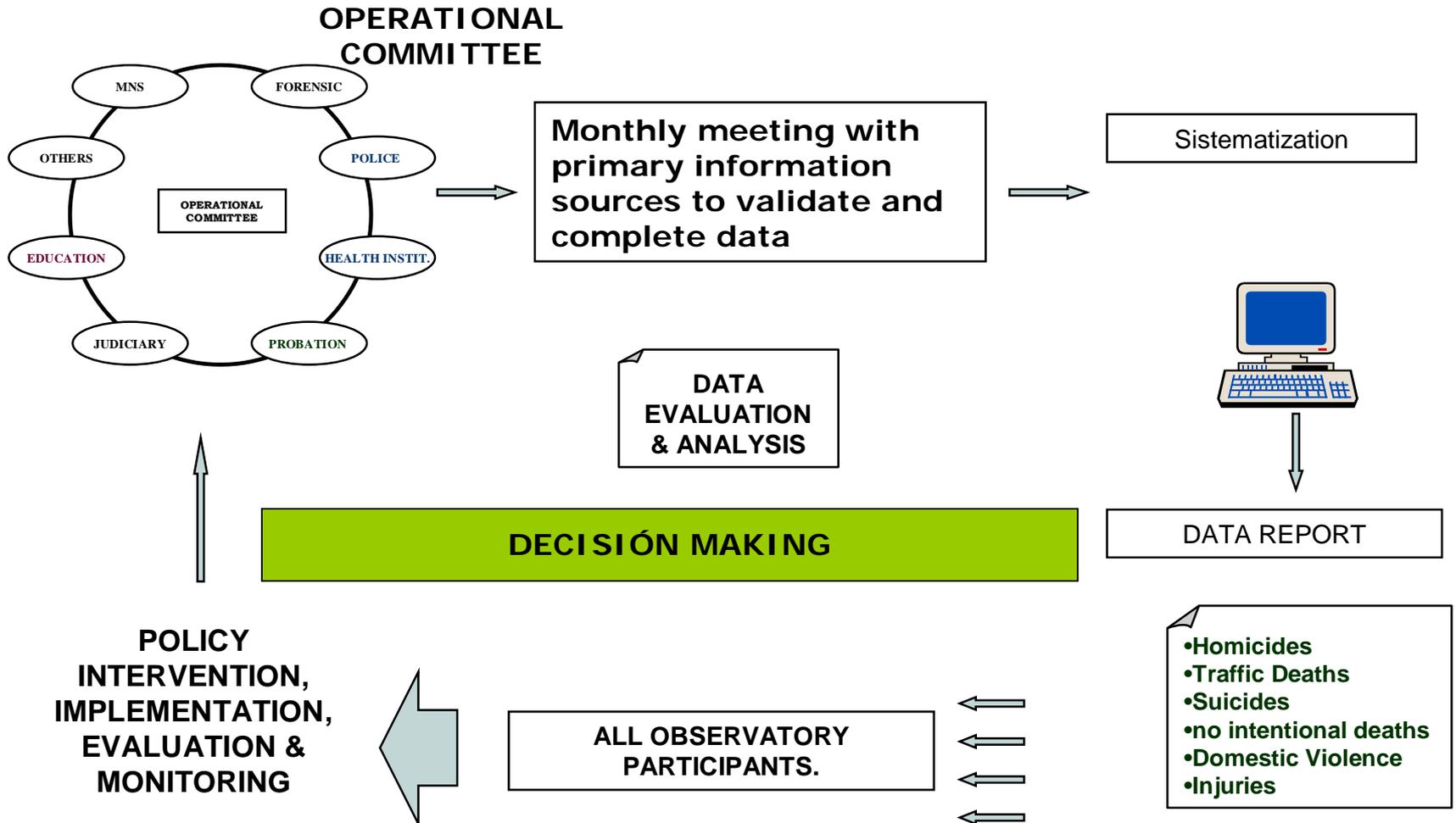 - Specific needs?
  - Others?

Issues and ideas

- Global expansion of injury surveillance
- Universal availability of injury data (*Africa under-represented in injury mortality data)*
- Quality standards for injury data globally i.e. data collection systems, contents and output
- Generation of ideas for and development of new products
- Universal application of ICE products to drive international policy? or local data?

Global expansion of ISSs

- Replication of current ISSs in new sites

- New applications of ISS methodologies
  - Crime Observatories
  - Advising Safe Communities
  - Regional Projects, for example, to standardize indicators

CRIME OBSERVATORY

OPERATIONAL COMMITTEE

- MNS
- FORENSIC
- OTHERS
- POLICE
- OPERATIONAL COMMITTEE
- EDUCATION
- HEALTH INSTIT.
- JUDICIARY
- PROBATION

Monthly meeting with primary information sources to validate and complete data

Sistematization

DATA EVALUATION & ANALYSIS

DATA REPORT

DECISIÓN MAKING

POLICY INTERVENTION, IMPLEMENTATION, EVALUATION & MONITORING

ALL OBSERVATORY PARTICIPANTS.

- •Homicides
- •Traffic Deaths
- •Suicides
- •no intentional deaths
- •Domestic Violence
- •Injuries

Quality standards for injury data

- How can ICE contribute to this on a global level?
  - GBD
  - ICD-11
  - Indicators
  - Validating methods to be used cross-nationally

Generation of ideas

- How can ICE "nurture" or encourage new ideas?
  - Continuing to provide fora for the sharing of ideas (physical meetings, electronic media, webinars)

Utilization of ICE products

- How to disseminate and promote
  - Web-based; international meetings

Supportive environment

How can ICE contribute to these environments supporting injury statistics

- Physical

- Political
  - ?Supporting international bodies e.g. WHO, ISVIP etc.

- How can we get more visible globally in providing our technical strength?

    - For supporting decision makers, stakeholders, etc. at different levels.

    - For expansion to other regions and cover other languages keeping the quality of the group.

    - For sustainability (visibility to other financial agencies and be introduce)

How does ICE engage other statistical agencies/ governments to join in making our work truly global?

Challenges

- Sensitive to local priorities
- Principles need to be adapted to different systems of governance
- Need to address implementation in resource limited settings
- Need to create a strategy for updating or improving statistical information over time
- Need to improve adequate dissemination of data to different audiences

Challenges ct'd

- Establish a plan for capacity building on the implementation of informations systems.
- Expansion to other regions to cover other languages keeping the quality of the group.
- Translation of information into policy
- Sustainability

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Thank you

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