Landmine/ERW Casualty Data

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Casualty Data: Why and How?

WHY: Purposes of Casualty Data Collection
- What questions do you want to answer?
- Who will use the data?

HOW: Types of Data Collection Systems
- Mine Action Program Data
- Survivors Needs Assessment
- National Injury Surveillance
- Disability Surveillance

Purposes of Casualty Data Collection

What questions do you want to answer?

- What is the scale of the problem?
- What are the devices and where are they located?
- Who is affected by the problem?
- What are they doing when the accidents occur?
- Do they know mines/UXO are present?
- What kinds of injuries do they receive?
- What kind of medical care are they getting and how quickly?

Purposes of Casualty Data Collection

Who will use the data?

- Mine clearance
- Mine risk education
- Mine survivors assistance
- For planning & monitoring programs

Also used for advocacy purposes

And now: Disability rights & assistance
Types of Data Collection Systems

- Mine Action Program Data (IMSMA & non-IMSMA)
- Survivors Needs Assessment
- National Injury Surveillance
- Disability Surveillance

Also: Health System Capacity Assessment

Types of Data Collection Systems

Mine Action Program Data
- Collect data on victims as part of mine action operations -- basic data useful for clearance and MRE purposes
- Limited data for mine victim assistance purposes
- "Minimal data set" -- need to follow up to get more detailed information about victims for survivor assistance purpose
- Active versus passive data collection
- Data reporting and sharing issues

Survivors Needs Assessment
- Expanded data on injuries of survivors
- Use to determine needs of survivors for services to assist with planning
- Establish indicators for monitoring success of programs (example: Uganda)
- Privacy issues -- data security
- Requirements for updating data -- static or active database. How linked to mine action database?
- Ability to analyze data -- EpiInfo/FEMAC

Types of Data Collection Systems

National Injury Surveillance
- Mine/UXO injury reported as one type of injury
- National health care system capacity building
- Collects minimal data on mine/UXO injuries but long-term and national comprehensive system
- Data collection AND analysis skills required
- Guidance available -- WHO, CDC, PAHO, etc. Example: Nepal
### Types of Data Collection Systems

**Disability Surveillance**
- To determine prevalence of disabilities and characteristics of disabled population
- Establish indicators for monitoring purposes
- National health care system capacity building
- Data collection AND analysis skills required
- Guidance available -- WHO, CDC, PAHO, etc.
- Afghanistan -- recently completed National Disability Survey
  How use the results? What do they tell us?

### Challenges & Requirements

Centralized casualty data collection system --
- Recognized authority in charge of coordination of data collection and housing the data
- Establish protocol for collecting, managing & sharing data
- Include all relevant ministries, NGOs & civil society groups
- Agreed minimal data set

### Resources Available

1. WHO -- National Injury Surveillance Systems
2. CDC & UNICEF -- EpiInfo for Mine Action and FEMAC (Field Epidemiology for Mine Action Course)
3. UNMAS & UNDP support/interest
4. IMSMA -- older versions 2 and 3 with set data collection forms; new version 4 -- more customizable
5. AP Mine Ban Convention process, ISU & LM

### Challenges & Requirements

If decide to collect additional details on mine/UXO casualties, must be prepared to follow up with provision of services

Long-term goal of establishing national injury surveillance system & disability surveillance system
6. NGOs -- HI, LSN, ICBL, GICHD, etc.
7. MAIC -- Best Practices Guidebook & other survivor assistance projects; Senior Managers Courses
8. Donors -- Link MVA with development of health care sector
9. Share information and experiences with one another

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