Using ‘official statistics’
in managing health emergencies and disasters including climate-change impacts

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Key frameworks for all hazards health emergencies & disasters

Health-specific data
A2. Mortality
B2. People injured and ill
D2. Damage health facilities
D7. Disruption to health services
Other: C5, E1, E2, F, G
Health Emergency and Disaster Risk Management: builds on statistics

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<td>Joint Risk Assessment</td>
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<td>JEE SPAR Healthy Facilities Safety &amp; climate resilience</td>
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<td>Whole of Society</td>
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<td>Recovery</td>
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<td>Risk</td>
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<td>COVID Recovery NA</td>
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**Health Emergency and Disaster Risk Management Cycle**

**What?**
- Exposure
- Vulnerability
- Coping capacity
- Infrastructure: HF

**How?**
- STAR VRAM Surveillance
- Joint Risk Assessment
- JEE SPAR
- Healthy Facilities Safety & climate resilience
- Simex, Hazard specific Readiness Checklist
- Health facilities readiness
- Rapid Need Assessment
- Intra Action Review
- HeRAMS

**Why?**
- Early Warning
- Risk Reduction
- Mitigation (Climate)
- Planning (NAPHS)
- Capacity Development Financing
- Stock Pile
- Surge
- Early Action
- Activate NHERP
- Relief
- Donor Coordination
- Recovery Planning
- Reconstruction
- Resource Mobilization
COVID-19 consequence snapshot

- **148 million** cases & more than **3 million** deaths in 223 countries, territories and areas (as at 28 April 2021)
- At least **17,000** deaths of health workers
- US$ **10 trillion** of output is expected to be lost by the end of 2021, **22 trillion** in 2020–2025
- Approximately **90%** of schoolchildren were unable to attend school in 2020 (peak)
- **10 million** more girls are at risk of early marriage
- Gender-based violence support services increased **fivefold** in demand
- **115–125 million** people have been pushed into extreme poverty
- **5.7 billion** aged 16 and over need access to safe and effective COVID-19 vaccines
Global Preparedness Monitoring Board Report 2020

- Health system preparedness
- One health approach
- Implementation of IHR
- Adequate financing for mitigation
- Protect financing: national EPR capacities
- Sustainable financing for Global Health Security
- Early notification & Information sharing
- Predictive assessment for multisectoral preparedness
- International FW for emergency preparedness & response

- Accountability of governance
- Empowering communities
- Protect the most vulnerable
- Science & evidence based decisions/actions
- Accountability to lead
- Equity of access

A World in Disorder

Responsible Leadership

Engaged Citizenship

National and Global systems for GHS

Sustained investment in prevention and preparedness

Global governance of preparedness for health emergencies

World Health Organization
Health security and resilience: using classification of all hazards

- **Paradigm shift in actions**: event management vs risk management
- Hazard information is key to all hazards health emergency and disaster risk management including climate change impacts: risk assessment, capacity development, preparedness, response and recovery towards health security and resilience
- **Planning for concurrent emergencies** during pandemic, protracted and humanitarian crisis in the countries
- Emergency preparedness planning adaptation to climate change
Health Sector reporting for the Sendai Framework

• Guidance to Ministries of Health to report all hazards health information under Sendai FW Monitor

• Facilitates coordination between health sector and Sendai Focal Point / other sectors reporting on DRR

• Reporting COVID-19 information under Sendai FW Monitor

• Facilitates coordination between the Health DRR FPs/National IHR FPs and Sendai framework FPs

• Aligns with MOH Guidance for regular reporting on Sendai FW Monitor
Considerations for statistics needed in health

• Gender disaggregated
• Age disaggregated
• Inclusive
• Vulnerable and marginal communities
• Accessibility
• Confidentiality
• Aligned to humanitarian principles
• Climate and health
• Validation by appropriate authority
‘official statistics’
Some Health EDRM links

- Everyone’s business Whole of Society: [https://apps.who.int/iris/handle/10665/339421](https://apps.who.int/iris/handle/10665/339421)
- International Health Regulations: [https://www.who.int/publications/i/item/9789241580410](https://www.who.int/publications/i/item/9789241580410)
- SPAR: [https://extranet.who.int/e-spar](https://extranet.who.int/e-spar)
- SimEx/AAR/IAR: [https://www.who.int/emergencies/operations/emergency-response-reviews](https://www.who.int/emergencies/operations/emergency-response-reviews)