

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

08 June 2021

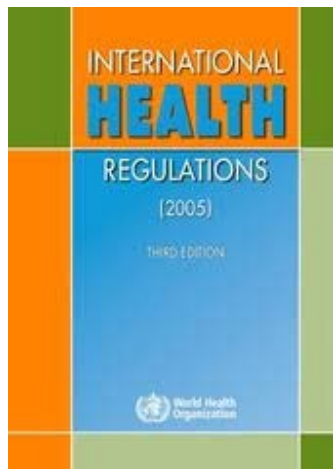
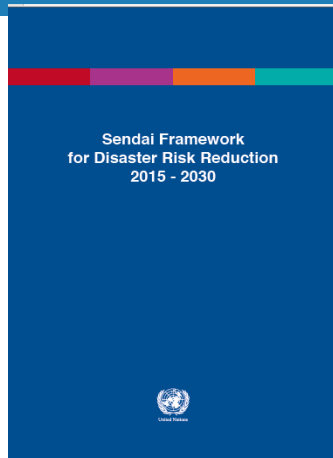
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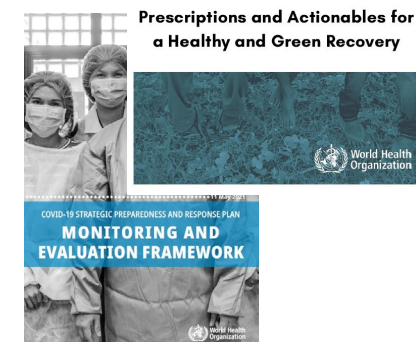
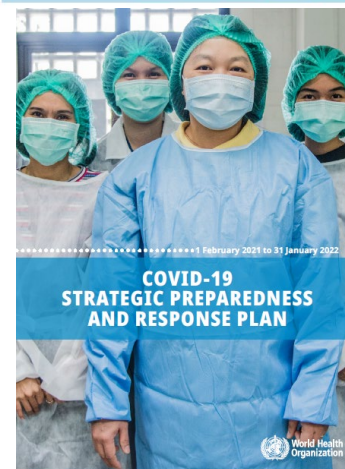
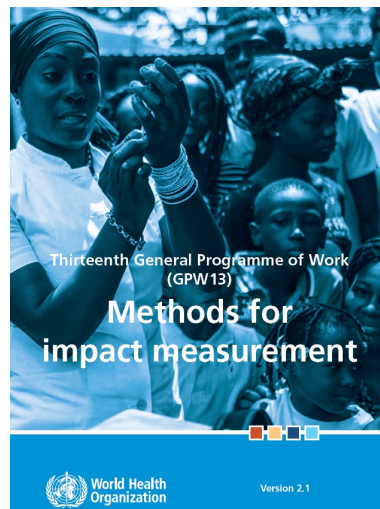
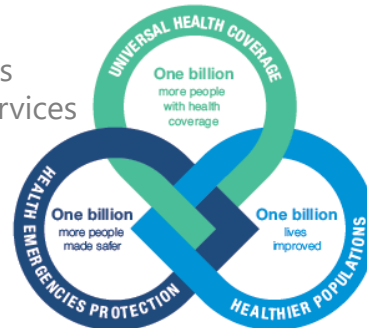
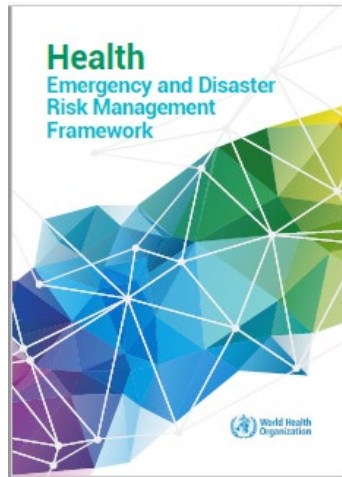
<https://www.who.int/activities/implementing-health-emergency-and-disaster-risk-management/>

Key frameworks for all hazards health emergencies & disasters

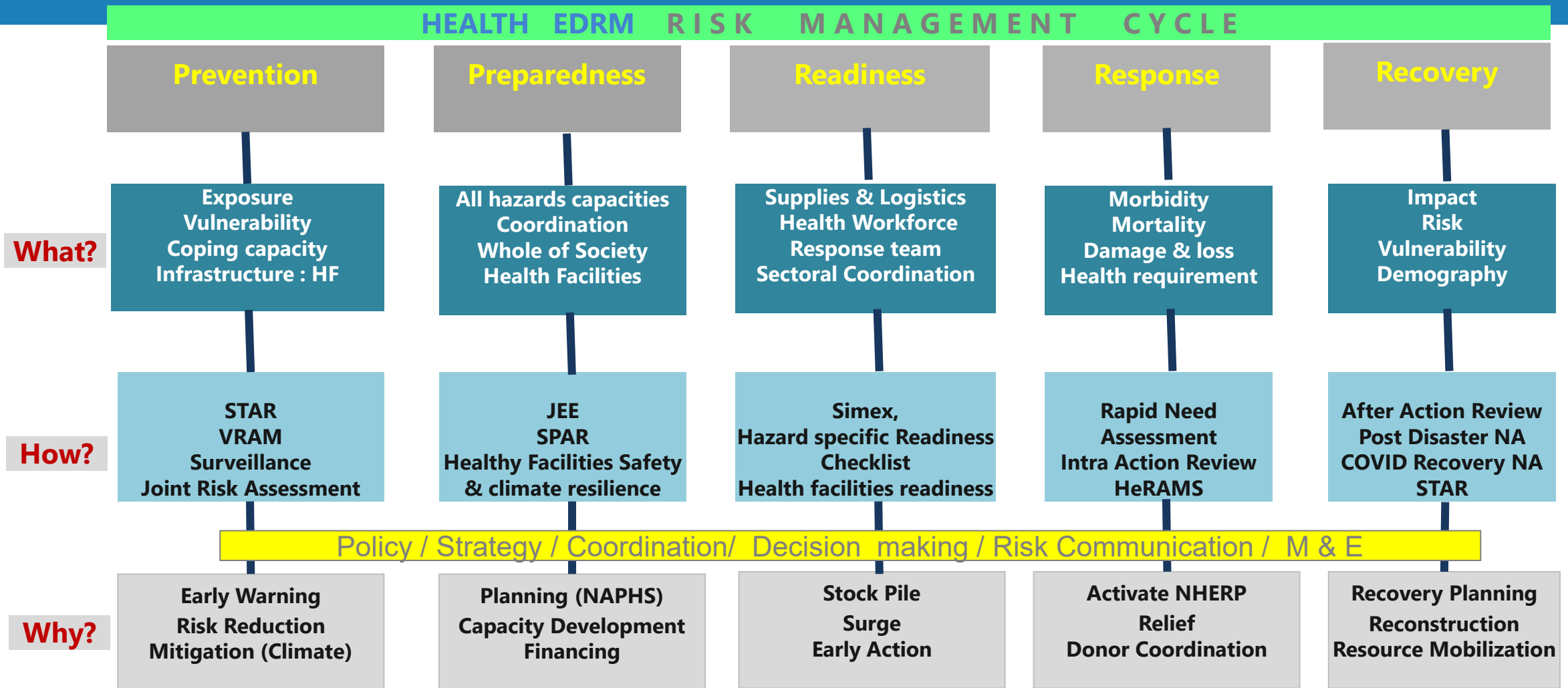


Health-specific data

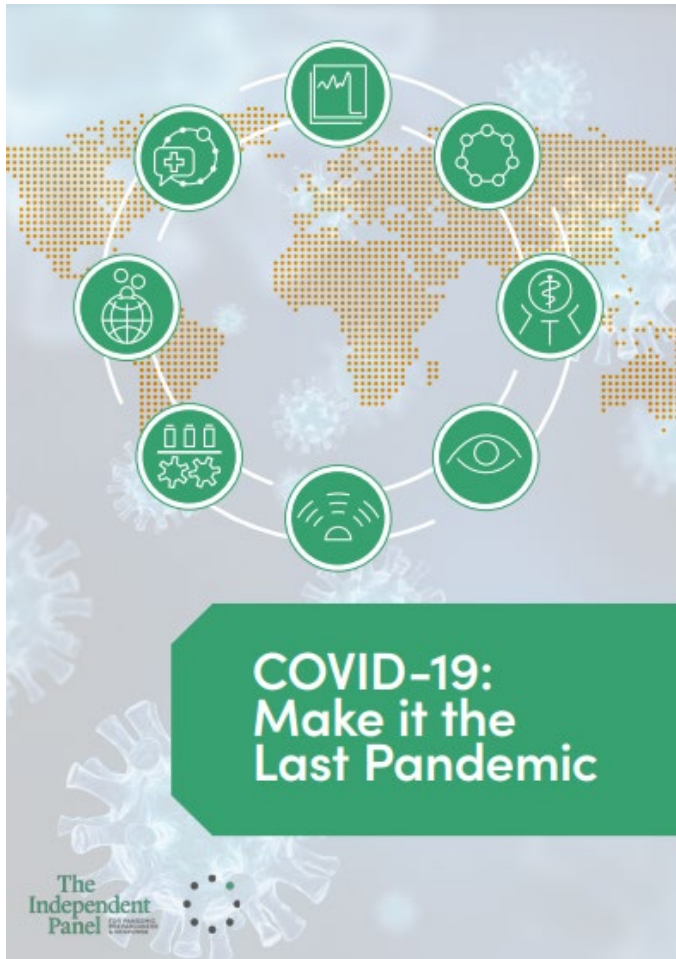
- A2. Mortality
- B2. People injured and ill
- D2. Damage health facilities
- D7. Disruption to health services
- Other: C5, E1, E2, F, G



Health Emergency and Disaster Risk Management : **builds on statistics**

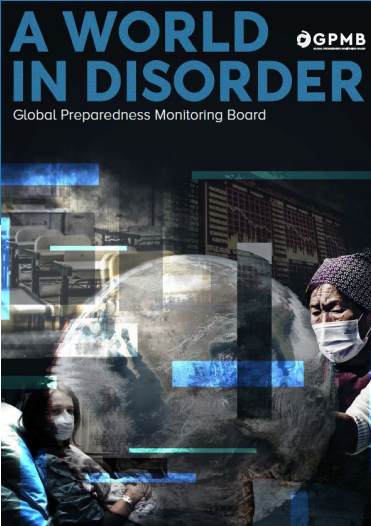


Independent Panel Report on **Pandemic Preparedness (IPPPR)**



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**

- Accountability of governance
- Empowering communities
- Protect the most vulnerable



- Health system preparedness
- One health approach
- Implementation of IHR



- Adequate financing for mitigation
- Protect financing: national EPR capacities
- Sustainable financing for Global Health Security



- Science & evidence based decisions/actions
- Accountability to lead
- Equity of access



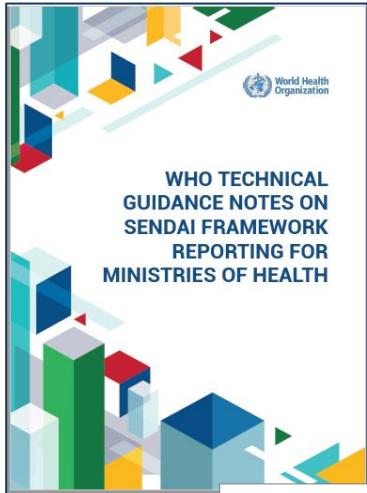
- Early notification & Information sharing
- Predictive assessment for multisectoral preparedness
- International FW for emergency preparedness & response

Health security and resilience: using classification of **all hazards**

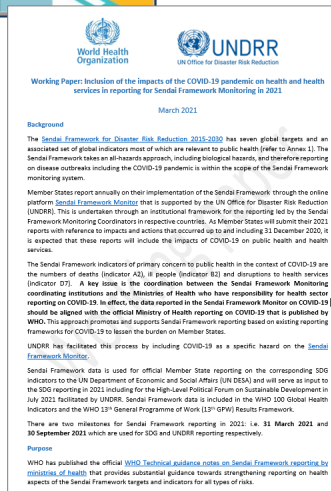


- **Paradigm shift in actions:** event management vs risk management
- Hazard information is key to all hazards **health emergency and disaster risk management including climate change impacts** : risk assessment, capacity development, preparedness, response and recovery towards health security and resilience
- **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

- HEDRM Framework: <https://www.who.int/hac/techguidance/preparedness/health-emergency-and-disaster-risk-management-framework-eng.pdf>
- HEDRM Glossary: <https://www.who.int/publications/i/item/glossary-of-health-emergency-and-disaster-risk-management-terminology>
- Everyone's business Whole of Society: <https://apps.who.int/iris/handle/10665/339421>
- International Health Regulations: <https://www.who.int/publications/i/item/9789241580410>
- SPAR: <https://extranet.who.int/e-spar>
- JEE: <https://www.who.int/ihr/procedures/joint-external-evaluations/en/>
- SimEx/AAR/IAR: <https://www.who.int/emergencies/operations/emergency-response-reviews>