

Sendai Framework Monitor (SFM) Data Self-Assessment Tool

Session 4: Disaster-related Statistics: Overview of international frameworks and guidelines

National Workshop on Strengthening the Measure of Progress in Disaster Risk Reduction in Sub-Saharan Africa through the Sendai Framework Monitoring Process and Enhanced Disaster Loss Data

Why this tool?

- > Supports Capacity Evaluation: Helps countries assess their ability to monitor the Sendai Framework indicators.
- ➤ Identifies Strengths and Gaps: Pinpoints areas of strong performance and those requiring improvement in data availability, quality, and frequency.
- > **Promotes Disaster Resilience**: Offers a structured approach to evaluate and document disaster risk reduction efforts.
- > Aligns with Global Goals: Supports the Sendai Framework and SDG monitoring.
- > Comprehensive and Methodical: Includes a detailed assessment of indicators, data integration, and reliability.



Contents





Sendai Framework Monitor (SFM) DATA SELF-ASSESSMENT TOOL

To support countries in evaluating their capacity to provide indicators for monitoring progress under the Sendai Framework for Disaster Risk Reduction

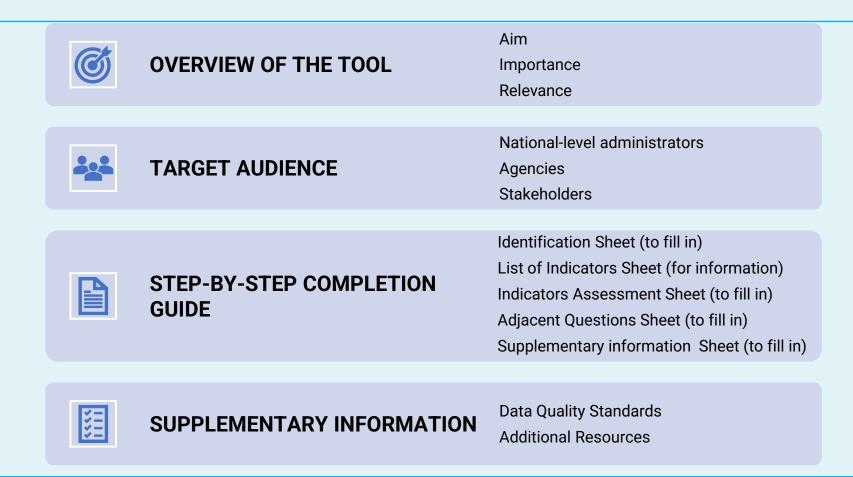
Sheet	Title	Status
Instruction	Overview of the tool, target audience, and step-by-step compilation guide	for information
Identification	Identification details and names and information of collaborating partners	to fill in
List of indicators	Linkages between the Sendai Framework and SDG indicators	for information
Indicator Assessment	Sendai Framework indicator assessment form	to fill in
Adjacent Questions	Disaster risk reduction assessment form	to fill in
Supplementary Information	Supplementary Information sheet	to fill in

If you have any questions, please contact us at the following email address:

Address of UNDRR or other supporting entity



Instructions





Identification

Identification Details	
 Name: Contact (email address): Name of the organization: Start date (dd/mm/yyyy): Completion date (dd/mm/yyyy): Country: 	
Names and information of collaborating partners:	
Name	Position, Institution



List of Indicators

Linkages bety	veen the Sendai Framework and SDG indicators				
Sendai Framework:	Sendai Framework:	SDGs:			
Indicator ID	Indicator Name	Indicator ID			
A-1 (compound)	Number of deaths and missing persons attributed to disasters, per 100,000 population				
A-2	Number of deaths attributed to disasters, per 100,000 population	1.5.1/11.5.1/13.1.1			
A-3	Number of missing persons attributed to disasters, per 100,000 population				
B-1 (compound)	Number of directly affected people attributed to disasters, per 100,000 population				
B-2	Number of injured or ill people attributed to disasters, per 100,000 population				
B-3	Number of people whose damaged dwellings were attributed to disasters	1.5.1/11.5.1/13.1.1			
B-4	Number of people whose destroyed dwellings were attributed to disasters				
B-5	Number of people whose livelihoods were disrupted or destroyed, attributed to disasters				
C-1 (compound)	Direct economic loss attributed to disasters in relation to global gross domestic product				
C-2	Direct agricultural loss attributed to disasters				
C-3	Direct economic loss to all other damaged or destroyed productive assets attributed to disasters	1.5.2/11.5.2			
C-4	Direct economic loss in the housing sector attributed to disasters	1.5.2/11.5.2			
C-5	Direct economic loss resulting from damaged or destroyed critical infrastructure attributed to disasters				
C-6 Direct economic loss to cultural heritage damaged or destroyed attributed to disasters					



Indicator Assessment

				1											
					Select the response										
Sendai Framework indicator assessment form			1. National-Level Statistic Availability (Check the one that applies) 2. Data Disaggregation (Check all that apply)								3. Primary Institutions Responsible Data Collect (Check all that apply)				
	INDICATOR CODE	INDICATOR DESCRIPTION	STATISTICS AND RELATED INFORMATION	Identical	Similar	Not Available	Gender	Age	Location	Hazard	Event	Economic activity	Other (please specify)	National Disaster Management Agency	National Statistical Office
Global Target A: Substantially reduce global disaster mortality by 2030			Population data							×	v				
			Deaths/missing persons data							1					
	A-1 (compound)	Number of deaths and missing persons attributed to disasters per 100,000 population													
	4.2	Number of deaths attributed to disasters per 100,000 population													
	A-3	Number of missing persons attributed to disasters per 100,000 population													
			Population affected (injuries/illnesses)												

Adjacent Questions

Disaster risk reduction assessment form:	Answer Options	Details/Comments
Sections/Questions	Answer Options	Details/ Comments
Data Integration and Utilization in Risk Reduction Strategies		
Are there any data-sharing agreements between relevant agencies or organizations?		
How is data used to inform risk prevention strategies before a hazardous event?		
Is the data utilized in the development of early warning systems?		
Is data used in structural measures such as building codes and infrastructure development?		
How is non-structural data like land-use planning integrated into risk mitigation efforts?		
Institutional Capacity and Resources		
Do the institutions responsible for data management have adequate human and technical resources?		
Is there ongoing training and capacity-building for staff involved in data management?		
Are there sufficient financial resources allocated for data management activities?		
Are there investments in technology and infrastructure to support data collection, analysis, and dissemination?		



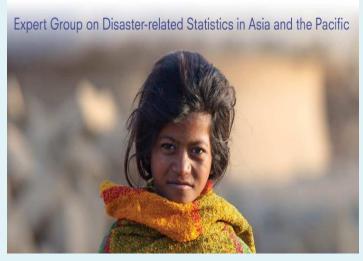
Supplementary Information

Supplementary Information Sheet
Please provide national definitions of disasters
Please provide a link to the official document if available:
Please provide information on the national methodologies used to calculate disaster-related indicators
Please provide links to the methodologies used if available:
Please provide information on the classifications and taxonomies used to calculate disaster-related indicators
Please provide links to the classifications and taxonomies used, if available:

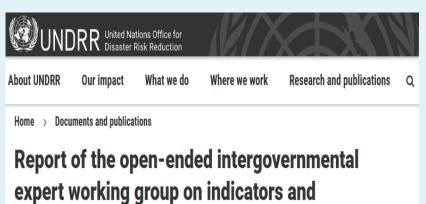


Additional Resources

DISASTER-RELATED STATISTICS FRAMEWORK (DRSF)



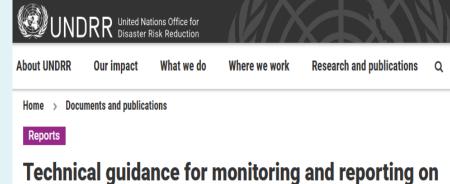
Disaster-related Statistics Framework (DRSF)



Source: United Nations Office for Disaster Risk Reduction (UNDRR), United Nations General Assembly

terminology relating to disaster risk reduction

Report of the open-ended intergovernmental expert working group on indicators and terminology relating to disaster risk reduction



Source: United Nations Office for Disaster Risk Reduction (UNDRR)

<u>Technical Guidance for Monitoring and Reporting on Progress in</u>

<u>Achieving the Global Targets of the Sendai Framework for Disaster</u>

<u>Risk Reduction</u>

progress in achieving the global targets of the Sendai

Framework for Disaster Risk Reduction (New edition)



Thank you



Moriken Camara Environmental Data Specialist, SDG and Environment Statistics Unit Early Warning and Assessment Division moriken.camara@un.org