

Sendai Framework Monitor (SFM) Data Self-Assessment Tool

Session 5:Disaster-related Statistics: Overview of international statistical frameworks and guidelines

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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

Ø	OVERVIEW OF THE TOOL	Aim Importance Relevance
	TARGET AUDIENCE	National-level administrators Agencies Stakeholders
	STEP-BY-STEP COMPLETION GUIDE	Identification Sheet (to fill in) List of Indicators Sheet (for information) Indicators Assessment Sheet (to fill in) Adjacent Questions Sheet (to fill in) Supplementary information Sheet (to fill in)
¥.	SUPPLEMENTARY INFORMATION	Data Quality Standards Additional Resources



Identification

Identification Details

- 1. Name:
- 2. Contact (email address):
- 3. Name of the organization:
- 4. Start date (dd/mm/yyyy):
- 5. Completion date (dd/mm/yyyy):
- 6. Country:

Names and information of collaborating partners:

Name	Position, Institution					



List of Indicators

Linkages between the Sendai Framework and SDG indicators

Sendai Framework:	ni Framework: Sendai Framework:					
Indicator ID	Indicator Name	Indicator ID				
A-1 (compound)	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					
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	-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						
B-4						
B-5	3-5 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	2 Direct agricultural loss attributed to disasters					
C-3	3 Direct economic loss to all other damaged or destroyed productive assets attributed to disasters					
C-4 Direct economic loss in the housing sector attributed to disasters						
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

											-				
Sendai Framework indicator assessment form			Select the res 1. National-Level Statistic Availability (Check the one that applies) 2. Data Disaggregation (Check all that apply)							res	3. Primary Institutions Responsible Data Collect (Check all tha apply)				
	INDICATOR CODE		STATISTICS AND RELATED INFORMATION	Identical	Similar	Not Available	Gender	Age	Location	Hazard	Event	Economic activity	Other (please specify)	National Disaster Management Agency	1 -
Global Target A:			 Population data Deaths/missing persons data 							×	•				
Substantially reduce global disaster mortality by 2030		Number of deaths and missing persons attributed to disasters per 100,000 population													
	A 7	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: 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:



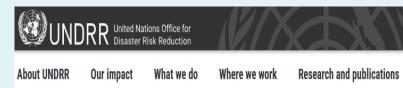
Additional Resources

DISASTER-RELATED STATISTICS FRAMEWORK (DRSF)

Expert Group on Disaster-related Statistics in Asia and the Pacific



Disaster-related Statistics Framework (DRSF)



Home > Documents and publications

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), United Nations General Assembly

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

UNDRR United Nations Office for Disaster Risk Reduction

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Technical guidance for monitoring and reporting on progress in achieving the global targets of the Sendai Framework for Disaster Risk Reduction (New edition)

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>







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