

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

SFM Data Self-Assessment Tool

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.

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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	<i>for information</i>
Identification	Identification details and names and information of collaborating partners	<i>to fill in</i>
List of indicators	Linkages between the Sendai Framework and SDG indicators	<i>for information</i>
Indicator Assessment	Sendai Framework indicator assessment form	<i>to fill in</i>
Adjacent Questions	Disaster risk reduction assessment form	<i>to fill in</i>
Supplementary Information	Supplementary Information sheet	<i>to fill in</i>

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

Address of UNDRR or other supporting entity

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Instructions



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

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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

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List of Indicators

Linkages between the Sendai Framework and SDG indicators

<i>Sendai Framework: Indicator ID</i>	<i>Sendai Framework: Indicator Name</i>	<i>SDGs: Indicator ID</i>
A-1 (compound)	Number of deaths and missing persons attributed to disasters, per 100,000 population	1.5.1/11.5.1/13.1.1
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	1.5.1/11.5.1/13.1.1
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	
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	1.5.2/11.5.2
C-2	Direct agricultural loss attributed to disasters	
C-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	

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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?		

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Supplementary Information

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

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Additional Resources

DISASTER-RELATED STATISTICS FRAMEWORK (DRSF)

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



[Disaster-related Statistics Framework \(DRSF\)](#)



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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](#)



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Reports

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)

[Technical Guidance for Monitoring and Reporting on Progress in Achieving the Global Targets of the Sendai Framework for Disaster Risk Reduction](#)

Thank you



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