

# Sendai Framework Monitor (SFM) Data Self-Assessment Tool

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

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# SFM Data Self-Assessment Tool

## Why this tool?

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- **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.

# SFM Data Self-Assessment Tool

## 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
<b>Instruction</b>	Overview of the tool, target audience, and step-by-step compilation guide	<i>for information</i>
<b>Identification</b>	Identification details and names and information of collaborating partners	<i>to fill in</i>
<b>List of indicators</b>	Linkages between the Sendai Framework and SDG indicators	<i>for information</i>
<b>Indicator Assessment</b>	Sendai Framework indicator assessment form	<i>to fill in</i>
<b>Adjacent Questions</b>	Disaster risk reduction assessment form	<i>to fill in</i>
<b>Supplementary Information</b>	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*

# SFM Data Self-Assessment Tool

## 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

# SFM Data Self-Assessment Tool

## 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

# SFM Data Self-Assessment Tool

## 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

<b>Disaster risk reduction assessment form: Sections/Questions</b>	<b>Answer Options</b>	<b>Details/Comments</b>
<b>Data Integration and Utilization in Risk Reduction Strategies</b>		
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?		
<b>Institutional Capacity and Resources</b>		
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**

*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:*

# SFM Data Self-Assessment Tool

## 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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