

# International experience in the field of Disaster-related Statistics

#### What is Disaster-related Statistics?

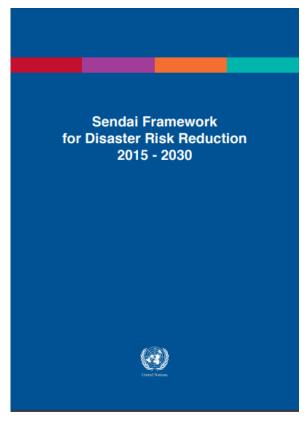
#### According to the Disaster-related Statistics Framework:

**Disaster-related statistics** includes, but is not limited to, statistics about disaster occurrences and their impacts.

**Disaster-related statistics** also includes statistical information used for risk assessment and post-disaster impact assessments, which rely on analyses of a variety of sources of data on the population, society, and economy, like censuses, surveys, and other instruments used in official statistics for multiple purposes.



#### The Sendai Framework for Disaster Risk Reduction 2015-2030



The World Conference on Disaster Risk Reduction in 2015 led to adoption of the Sendai Framework for Disaster Risk Reduction 2015-2030 and subsequently a collection of agreed international indicators and terminologies for monitoring its implementation (UNGA, 2015 and UNISDR, 2017).

#### The Sendai Framework:

- represents a new global consensus on core concepts and targets and overall statistical requirements for disaster risk reduction
- describes statistics requirements for global monitoring, via the Sendai Framework Monitor for the seven global targets for disaster risk reduction





## The 2030 Agenda for Sustainable Development







1.5.1 / 11.5.1 / 13.1.1 Number of deaths, missing persons and directly affected persons attributed to disasters per 100,000 population

1.5.2 / 11.5.2 Direct economic loss attributed to disasters in relation to global gross domestic product (GDP)

1.5.3 / 13.1.2 Number of countries that adopt and implement national disaster risk reduction strategies in line with the Sendai Framework for Disaster Risk Reduction 2015–2030

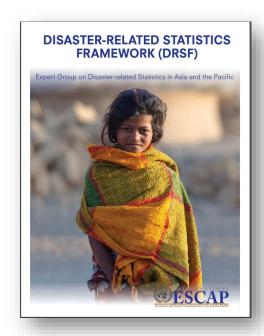
1.5.4 / 13.1.3 Proportion of local governments that adopt and implement local disaster risk reduction strategies in line with national disaster risk reduction strategies

11.5.3 (a) Damage to critical infrastructure and (b) number of disruptions to basic services, attributed to disasters



#### Statistical frameworks and recommendations

Whereas core concepts and indicators for disaster risk reduction for international monitoring have been defined in the Sendai Framework and SDGs, there is a need to translate the agreed concepts and definitions into specific instructions and technical recommendations for production and dissemination of statistics.



By the UN Economic and Social Commission for Asia and the Pacific in 2018



By the UN Economic Commission for Europe in 2019 (complement ESCAP DRSF)



By the UN Statistics
Division
in 2022
(includes disaster-related indicators)



# Progress on the work of Inter-Agency and Expert Group on Disasterrelated Statistics (IAEG-DRS)

Slide prepared by IAEG-DRS for the 4<sup>th</sup> Expert Forum on DRS

UNSC, at its 49<sup>th</sup> Session, welcomed a greater focus on disaster-related statistics and included DRS in its work.

ToR of Inter-Agency and Expert Group on DRS was approved by the UNSC Bureau

IAEG- DRS was established Initiated to develop global framework: 3 issue papers

2<sup>nd</sup> Meeting of the IAEG-DRS

2<sup>nd</sup> Expert Forum on DRS

Implementation plan to draft the common statistical framework is prepared

Outline of framework is finalized

4<sup>th</sup> Expert Forum on DRS rinalized common statistical framework will be submitted for discussion and decision to the UNSC

2018

2019

2020

2021

2022

2023

2024

2025

2026

UNSC, at its 50<sup>th</sup>
Session, requested
for the establishment
of a mechanism to
develop a common
framework on DRS

Notes by the Secretary-General submitted to UNSC

1st Meeting of the IAEG-DRS

1st Expert Forum on DRS

Notes by the Secretary-General submitted to UNSC

3 issue papers were finalized

3<sup>rd</sup> Expert Forum on DRS

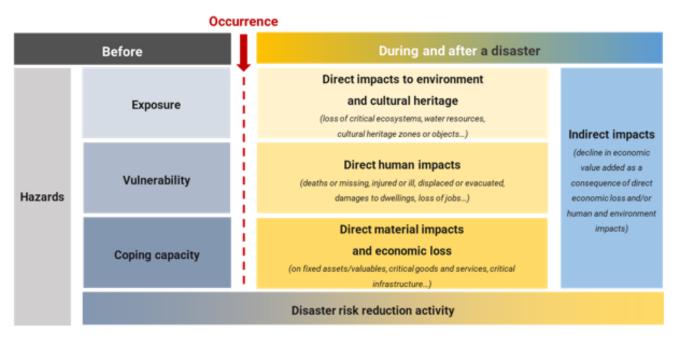
Expert review and country consultations will be conducted

5<sup>th</sup> Meeting of IAEG-DRS

### Development of Global Framework for Disaster-related Statistics

Slide prepared by IAEG-DRS for the 4th Expert Forum on DRS

#### Conceptual framework



#### **Draft Outline**

- Introduction
- The conceptual framework scope, concepts and definitions
- Types of disaster-related statistics
- Non-event specific statistics
- Event specific statistics
- DRR expenditure accounting
- Glossary

# Thank you



United Nations Avenue, Gigiri PO Box 30552 – 00100 GPO Nairobi, Kenya www.unep.org