

FINDINGS ON THE COMPILATION OF THE PROVISIONAL DISASTER RELATED STATISTICS FRAMEWORK (DRSF) IN THE PHILIPPINES

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Outline of Presentation

- I. Brief Background on the provisional DRSF
- II. DRSF Philippines: how was is it done?
- III. Major findings on the compilation of data
- IV. What's next?



1. Brief Background on the provisional DRSF

The **Asia-Pacific Expert Group on Disaster-related Statistics***, on its 3rd meeting (October 2015), decided to organize a pilot test for a provisional draft outline and summary of core principles on disaster related statistics; developed as a **draft Disaster Related Statistics Framework (DRSF)**

* - Established through ESCAP resolution 70/2 on “Disaster-related statistics in Asia and the Pacific”,



1. Brief Background on the provisional DRSF

- A **preliminary statistical framework and set of tables** developed to support advancement of a guideline for disaster-related statistics in alignment with the mandate of the Expert Group and the requirements for monitoring progress towards achievement of the Sendai Framework.
- The **Philippines**, together with **Bangladesh**, **Fiji**, and **Indonesia**, pilot test the provisional DRSF

1. Brief Background on the provisional DRSF

Category	List of tables
A	Summary tables of events by hazards types
A1a	Summary table of events by hazards types and size
A1b	Summary table of events by hazards types and size, by regions/states
A1c	Summary table of events by hazards types and size, by municipalities
B	Selected background statistics by hazard types and administrative units
B1a	Selected background statistics by hazard types, country level
B1b	Selected background statistics by hazard types, by regions or states
B1c	Selected background statistics by hazard types, by municipalities
B1d	Selected background statistics by hazard types, by river sub-catchments (or sub-basins)



1. Brief Background on the provisional DRSF

Category	List of tables
C	Summary tables of affected population
C1a	Summary table of affected population by hazards types
C1b	Summary table of affected population by hazards types and Regions/Sates
C1c	Summary table of affected population by hazards types and municipalities
C1d	Summary table of affected population by hazards types and Sub-catchments
C2a	Summary table of affected population by social groups, all groups, country level
C2b1	Summary table of affected population by social groups, age groups, region/state level
C2b2	Summary table of affected population by social groups, gender groups, by regions/states
C2b3	Summary table of affected population by social groups, Urban/Rural population , by regions/states
C2b4	Summary table of affected population by social groups, specific vulnerability groups , by regions/states
C2c1	Summary table of affected population by social groups, age groups, by municipalities
C2c2	Summary table of affected population by social groups, age groups, by municipalities
c2c3	Summary table of affected population by social groups, Urban/Rural population , by municipalities
C2c4	Summary table of affected population by social groups, specific vulnerability groups , by municipalities



1. Brief Background on the provisional DRSF

Category	List of tables
D	Summary tables of direct material impacts
D1a	Summary table of direct material impacts by hazards types
D1b	Summary table of direct material impacts by hazards types, by regions/states
D1c	Summary table of direct material impacts by hazards types by Municipalities
E	Summary tables of direct material impacts in monetary terms
E1a	Summary table of direct material impacts by hazards types
E1b	Summary table of direct material impacts by hazards types, by regions/states
E1c	Summary table of direct material impacts by hazards types by Municipalities
F	Summary tables of direct cultural impacts
F1a	Summary table of direct cultural heritage impacts by hazards types
F1b	Summary table of direct cultural heritage impacts by hazards types, by regions/states
F1c	Summary table of direct cultural heritage impacts by hazards types by Municipalities



1. Brief Background on the provisional DRSF

Category	List of tables
G	Summary tables of direct environmental impacts
G1a	Summary table of direct environmental impacts by hazards types
G1b	Summary table of direct environmental impacts by hazards types, by regions/states
G1c	Summary table of direct environmental impacts by hazards types by Municipalities
DRRE	Disaster risk reduction satellite accounting
DRRE_Activities	Production expenditure account (current plus investment) by characteristic activities
DRRE_Transfers	Transfers expenditure account

II. DRSF Philippines: how was is it done?

Through the coordinative mechanisms of the technical working group on disaster statistics (TWG-DS)

- Agreed to compile data for the years 2013, 2014, and 2015
- Agreed to compile data under Category A, B, C, and D
- Identified data source agencies from the member of the TWG-DS and other cooperating agencies for the generation of data
- Compiled and consolidated data submissions by source agencies
- Presented to the TWG-DS to elicit advice and resolution on the issues regarding the compilation and generation of data
- Finalized the tables
- Submitted to UNESCAP on 30 March 2016



II. DRSF Philippines: how was is it done?

The Technical Working Group on Disaster Statistics:

Chair: Office of Civil Defense, Department of National Defense

Vice Chair: National Economic and Development Authority

Members: Climate Change Commission;

Department of Interior and Local Government;

Department of Health;

Department of Social Welfare and Development;

Department of Public Works and Highways;

Department of Transportation and Communication;

Energy Policy and Planning Bureau, Department of Energy;

Macroeconomic Accounts Services (MAS), Sectoral Statistics Office (SSO), (PSA)

Mines and Geoscience Bureau, Department of Environment and Natural Resources (DENR)

National Housing Authority

National Power Corporation

Philippine Atmospheric, Geophysical and Astronomical Services Administration, Department of
Science and Technology (DOST);

Philippine Institute of Volcanology and Seismology, DOST;

Philippine National Red Cross

Project NOAH (National Operational Assessment of Hazards)

Technical Committee on Statistical Concerns and Coordination, DENR



II. DRSF Philippines: how was is it done?

Data compilation statistics:

Categories/Description		Total number of tables	Number of tables with data			Percent of data compiled by category per year
			2013	2014	2015	
A	Summary tables of events by hazards types	3	1	1	1	33
B	Selected background statistics by hazard types and administrative units and river sub-catchments	4	2	2	2	50
C	Summary tables of affected population	11	5	5	5	45
D	Summary tables of direct material impacts	3	2	2	2	67
E	Summary tables of direct material impacts in monetary terms	3	0	0	0	0
F	Summary tables of direct cultural impacts	3	0	0	0	0
G	Summary tables of direct environmental impacts	3	0	0	0	0
Transfers	Disaster risk reduction satellite accounting	2	0	0	0	0
Total		32	10	10	10	



III. Major findings on the compilation of data for the provisional DRSF



III. Major findings on the compilation . . .

1. Operational definition of terms and concepts are inconsistent between Philippines and the provisional DRSF

- Evacuated vs Displaced (2013, c1a)
- Critical infrastructure (2014, d1a)
 - Degree of “critical”
- Damaged and Destroyed dwellings (2013, d1a)



III. Major findings on the compilation . . .

2. Disaggregated data not readily available

- Number of injured people, **major and minor injuries** (2013, c1a)
- Number of evacuated/displaced and otherwise affected population, **by age, sex** (2013, c2a)

3. Discrepancies between NDRRMC and DOH figures on the number of deaths and injured on selected disaster events due to further validation conducted by the NDRRMC



IV. What's next?

1. A standard definition of terms and concepts for statistical purposes
2. Access to more hazard maps
3. Improvement in the reporting system from data source agencies
 - Resolve inconsistencies of data generated by source agencies through the TWG-DS
 - Availability of more disaggregated data
 - Acquisition of appropriate technological media to capture relevant and reliable data

IV. What's next?

4. The TWG-DS, to be the front runner in the resolution of the issues on the compilation of data on disaster statistics



THANK YOU

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