

Report of the 13th meeting of the Technical Working Group (TWG) on Disaster-related Statistics
 Workshop on Determining the scope of data in the DRSF basic range of disaster-related statistics
 27 October 2021, 14:30 – 17:00 hours (Bangkok time)

Summary of group discussions: Data items and data sources for

1. Disaster Risk Statistics:

Data/Statistics	Data Source
Disaster-related data	NDMO and NSO (FDES)
Administrative data	NSO
Demographic changes	NSO
· birth rate	
· migration	
· population density	
· settlement	
Poverty and inequality	NSO and related ministries/ agencies
Structure of economy	NSO
· economic status	
· household income	
Infrastructure, including critical infrastructure	NSO and related ministries/ agencies
Land management	Related ministries/ agencies and NSO
· land use planning	
Environment-related data and statistics	Related ministries/ agencies (such as Ministry of Environment, Forest, Agriculture, Mining, etc.) and NSO (FDES and compendium)
· ecosystems conditions	
· forest	
· water	
· waste	
Agriculture data	NSO and Ministry of Agriculture
· agricultural census	
Climate change-related statistics	Related ministries/ agencies (such as Ministry of Environment, Forest, Agriculture, Mining, etc.)
· carbon emission	

Notes:

- 1. The Philippines, being part of the pilot study on the DRSF, relevant administrative data are disaggregated by gender and age*
- 2. Nepal has included a community questionnaire and a module on disaster-related statistics in their ongoing Census of Population. It also conducted a baseline survey on waste management.*
- 3. Household income data allows to understand coping capacities of different groups of population.*

2. Disaster Occurrence Statistics:

Data/Statistics/Indicator	Data Source
A.1 Data and information during and after disasters:	MyDIMS data base, National Disaster Command Centre,
Date, number and type of disaster up to district level;	NDMA, Malaysia
mortality; number of evacuees; active evacuation centers;	
road closure due to disaster; etc.	
A.2 Demographic and administrative data relevant to disasters	Dept. of Statistics Malaysia (DOSM)
A.3 Indicators:	National Risk Register, NDMA, Malaysia
Risk Assessment	
Risk Assessment Index (trend analysis), for potential hazards	
B.1 Disaster Registry: Information at national level, district and city levels	InaRisk portal, Disaster Management Agency of Indonesia (BNBP), Indonesia
Number and types of disasters	
B.2 Spatial data for analysis, through Multi Hazard Early Warning System (MHEWS)	
B.3 Indicators:	
Risk Assessment (level of risk of floods, earthquakes and other disasters in an area)	
Risk Assessment Index (trend analysis), for potential hazards	
Local government and population capacity	
Population vulnerability infographics	
Physical, economic and environmental losses	
C.1 Data and information during and after disasters:	Disaster Management Centre (DMC), Ministry of Disaster Relief Services, Sri Lanka
Date, number and type of disaster	
Early warning announcements	
Disaster awareness and advocacy	
Disaster reports	
C.2 Administrative data relevant to disasters, by district level	Department of Census and Statistics (DCS), Sri Lanka
Population, housing	
C.3 Indicator:	
Population and area vulnerability	

3. Disaster Impact Statistics:

Table #	Indicator	Data Source
A	Summary tables of disaster occurrences	NDRRMC, PSA, NIS
A1	Summary table of disaster occurrences, by hazards types, scale, and geographic region	NDRRMC, PSA, NIS, DILG
B	Selected Background Statistics and Exposure to hazards	
B1a	Population Background Statistics and Hazard Exposure by geographic regions	NDRRMC, PSA, NIS, DOH, DILG, DOST-PHIVOLCS, DENR
B1b	Population Exposure by social groups	NDRRMC, PSA, NIS, DOH, DSWD, DILG
B2	Exposure of Land and Infrastructure by Hazard Type	NDMRCC, PSA, NIS, DENR, DOST-PHIVOLCS
B3	Coping Capacity Background Statistics	PSA, DILG
C	Summary tables of human impacts	
C1	Summary table of human impacts by hazards types	NDRRMC, PSA, DOH, DSWD, DILG, DOLE, DepEd
C2	Summary table of human impacts by geographic regions	NDRRMC, PSA, DOH, DSWD, DILG, DOLE, DepEd
C3	Summary table of human impacts by demographic and social categories	NDRRMC, PSA, DOH, DSWD, DILG, DOLE, DepEd
D	Summary tables of direct material impacts in physical terms	
D1a	Summary table of direct material impacts by hazards types	NDRRMC, DOH, DSWD, DILG, HUDCC, DPWH, NDRRMC, NEDA, PSA
D1b	Summary table of direct material impacts by hazards types and geographic regions	NDRRMC, DOH, DSWD, DILG, HUDCC, DPWH, NDRRMC, NEDA, PSA
D1c	Summary of agricultural impacts by hazard types and geographical regions	NDRRMC, PSA, DA
D2a	Disruption of basic services from a Disaster by hazard type	NDRRMC, PSA, DOH, DSWD, DILG, DPWH, NDRRMC, DepED
D2b	Disruption of basic services from a Disaster, by geographic region	NDRRMC, PSA, DOH, DSWD, DILG, DPWH, NDRRMC, DepED
E	Summary tables of direct material impacts in monetary terms	
E1a	Summary table of direct material impacts by hazards types	NDRRMC, DPWH, NEDA, PSA
E1b	Summary table of direct material impacts by hazards types and geographic regions	NDRRMC, DPWH, DILG, NEDA, PSA
F	Agriculture	
F1	Summary of material impacts to Agriculture by hazards types	NDRRMC, NEDA, DA, PSA
G	Summary tables of direct environmental impacts	
G1	Summary table of direct environmental impacts by hazards types	NDRRMC, DENR, PSA, NIS
G2	Summary table of direct environmental impacts by hazards types and geographic regions	NDRRMC, DENR, PSA, DILG, NIS

Notes:

Data sources: Philippines and Cambodia

NDRRMC: National Disaster Risk Reduction and Management Council

PSA: Philippine Statistics Authority

NIS: National Institute of Cambodia

DA: Department of Agriculture

DENR: Department of Environment and Natural Resources

DILG: Department of Interior and Local Government

DOH: Department of Health

DOLE: Department of Labor and Unemployment

DOST-PHILVOLCS: Department of Science and Technology- Philippine Institute of Volcanology and Seismology

DepEd: Department of Education

DSWD: Department of Social Welfare and Development

HUDCC: Housing and Urban Dev't Council

DPWH: Department of Public Works and Highways

NEDA: National Economic and Development Authority

4. Disaster Risk Reduction Expenditure Accounts:

Data/Statistics	Data Source for Government Sector
Population data	Census of Population
Housing data	Census of Housing
Spending/Expenditure of General Government on Disasters	Commission on Audit; Dept. of Budget and Mgt; Department of Interior and Local Government
Donations/Grants	Overseas Development Assistance (ODA) of the country
	International Organizations: FAO, JICA
Mapping/GIS data	National Mapping and Resource Information Authority
Volume of production losses from crops	National Disaster Risk Reduction and Management Council, (NDRRMC), Office of Civil Defense (OCD)
Damaged roads (km), houses and infrastructure, i.e., school buildings, etc. (number)	
Research/Education	Commission on Audit
Advocacy	Census of Establishment (Private sector)

Notes:

Data sources: Philippines

Next steps:

1. The 14th meeting of the TWG will be held on Wednesday, 24 November 2021, 14:30 – 17:00 hours (Bangkok time)
2. The meeting will be a workshop on “Coordinating the DRSF Business Process.”
3. The agenda for the 14th meeting and other materials are available at: <https://stat-confluence.escap.un.org/display/TWG/14th+Meeting+of+Technical+Working+Group+%28TWG%29+on+Disaster-related+Statistics>