



Republic of the Philippines
Philippine Statistics Authority



Mainstreaming the Disaster Related Statistics in the Philippines

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Outline

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The Philippine Statistics Authority



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Philippine Statistics Authority

The Philippine Statistics Authority (PSA)



Established on **September 12, 2013**
pursuant to **Republic Act 10625**, also
known as the “Philippine Statistical Act of
2013”

Merge of 4 major
statistical agencies:

**National Statistical
Coordination Board**



**Bureau of Labor
and Employment
Statistics**



**Bureau of
Agriculture
Statistics**



**National
Statistics
Office**



PSA is the central statistical authority on statistics, maintains socio-economic frameworks, coordinator of the Philippine Statistical System (PSS), and the administrator of civil registration functions



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Existing Frameworks for DRR Statistics in the Philippines



The existing frameworks for the Philippines:

10-Point Socio-Economic Agenda for 2016-2022

Philippine Development Plan (PDP) for 2017 to 2022

Ambisyon Natin for 2040 (A Long-Term Vision for the Philippines)

Sustainable Development Goals 2030



The existing frameworks for the Philippines:

Paris Agreement on Climate Change 2015

Framework for the Development of Environment Statistics (FDES) 2013

Other major considerations :

UNISDR concepts/terminologies on disaster indicators

UNESCAP Resolution of Disaster Statistics

Cape Town Global Action Plan for Sustainable Development Data

ASEAN Community Statistical System

Brunei, Indonesia, Malaysia, Philippines-EAST ASEAN Growth Areas, etc.



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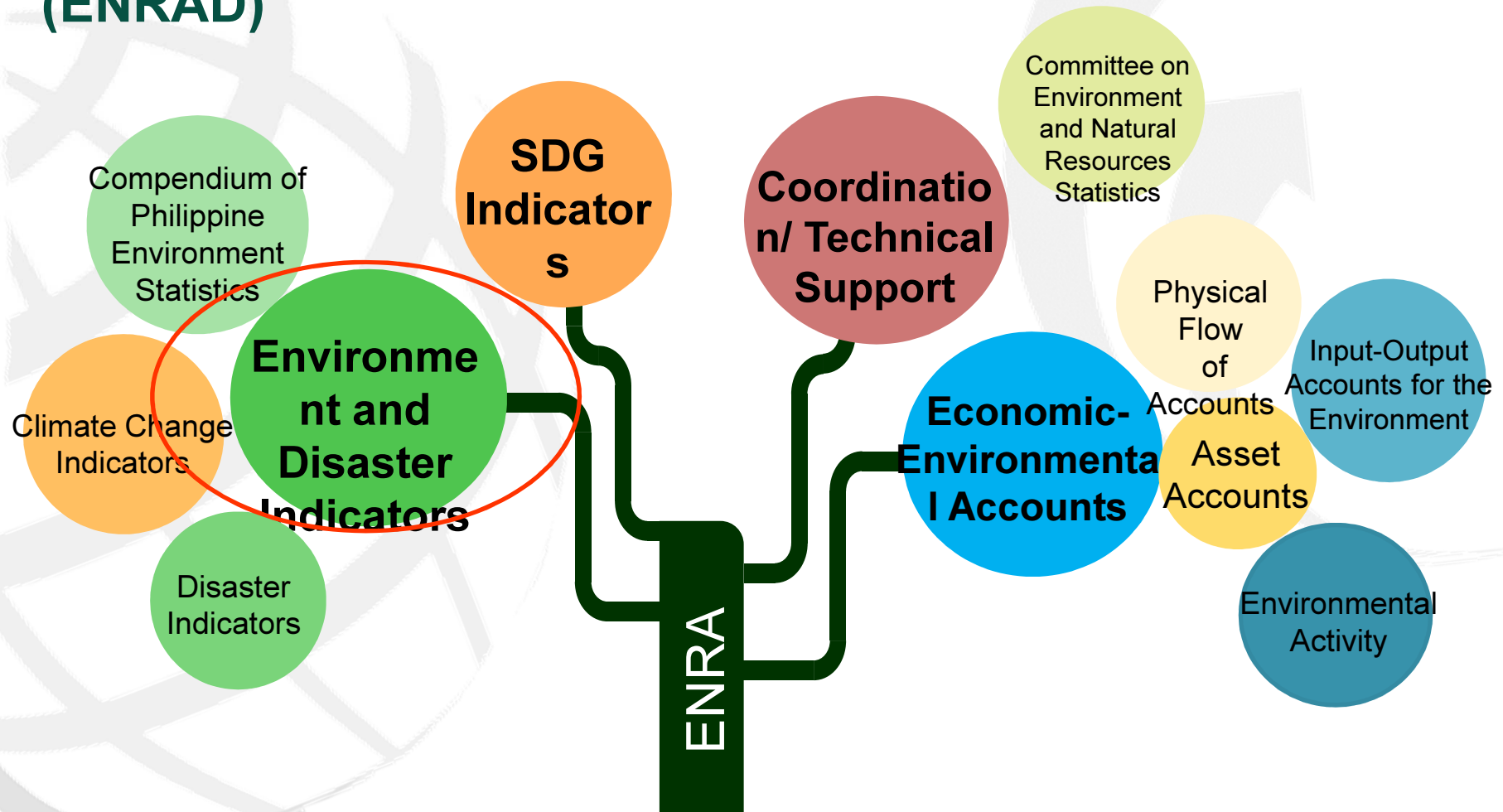


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PSA and Other Agencies Responsible to Generate DRR Statistics



Philippine Statistics Authority Environment and Natural Resources Accounts Division (ENRAD)





Efforts in Compilation of Disaster Statistics

The Use of Administrative Data in the Generation of Environment-related Statistics

Compendium of Philippine Environment Statistics

Disaster-Related Statistics Framework (DRSF) in the Philippines

Pilot study on Disaster-Related Statistics Framework (DRSF) in the Philippines

Disaster Risk Reduction in the SDGs



Coordinative Mechanism

Interagency Committee on Environment and Natural Resources Statistics (IAC-ENRS)

- In August 2014, thru **PSA Board Resolution No. 4, Series of 2014 – Establishing the Committees on Statistics of the Philippine Statistics Authority (PSA)**, established 27 committees including the IACENRS.
- Thus, in December 2014, thru **Memorandum Order No. 8, Series of 2014**, the IACENRS was established, its terms of reference and composition were identified.
- The interagency Committee on Environment and Natural Resources Statistics (IACENRS) will serve as venue for discussion and resolution of issues, review current techniques/methodologies, and recommend policies and workable schemes towards the improvement of environment and natural resources and other related statistics

Inter-Agency Committee on Environment and Natural Resources Statistics

Technical Working Group on
Energy Resources Statistics

Technical Working Group on
Mineral Resources Statistics

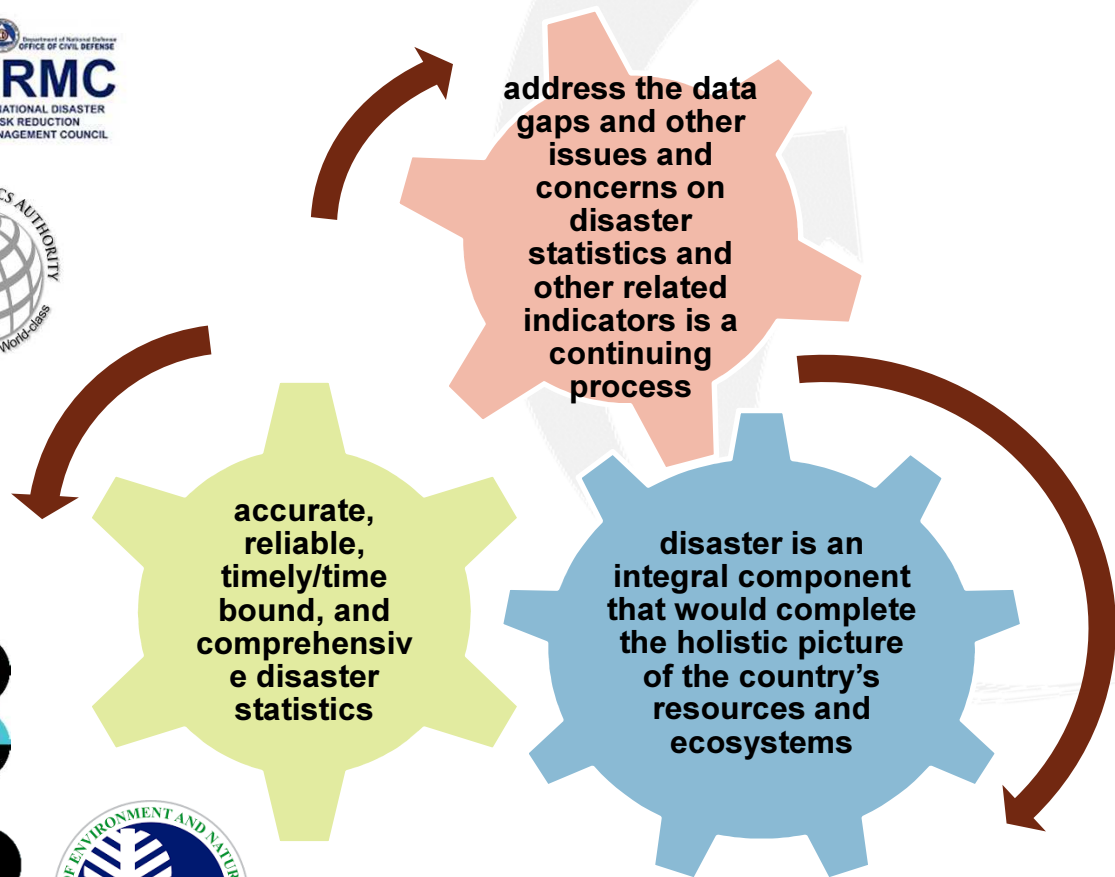
Technical Working Group on
Land and Soil Resources Statistics

Technical Working Group on
Water Resources Statistics

Technical Working Group on
Disaster Statistics

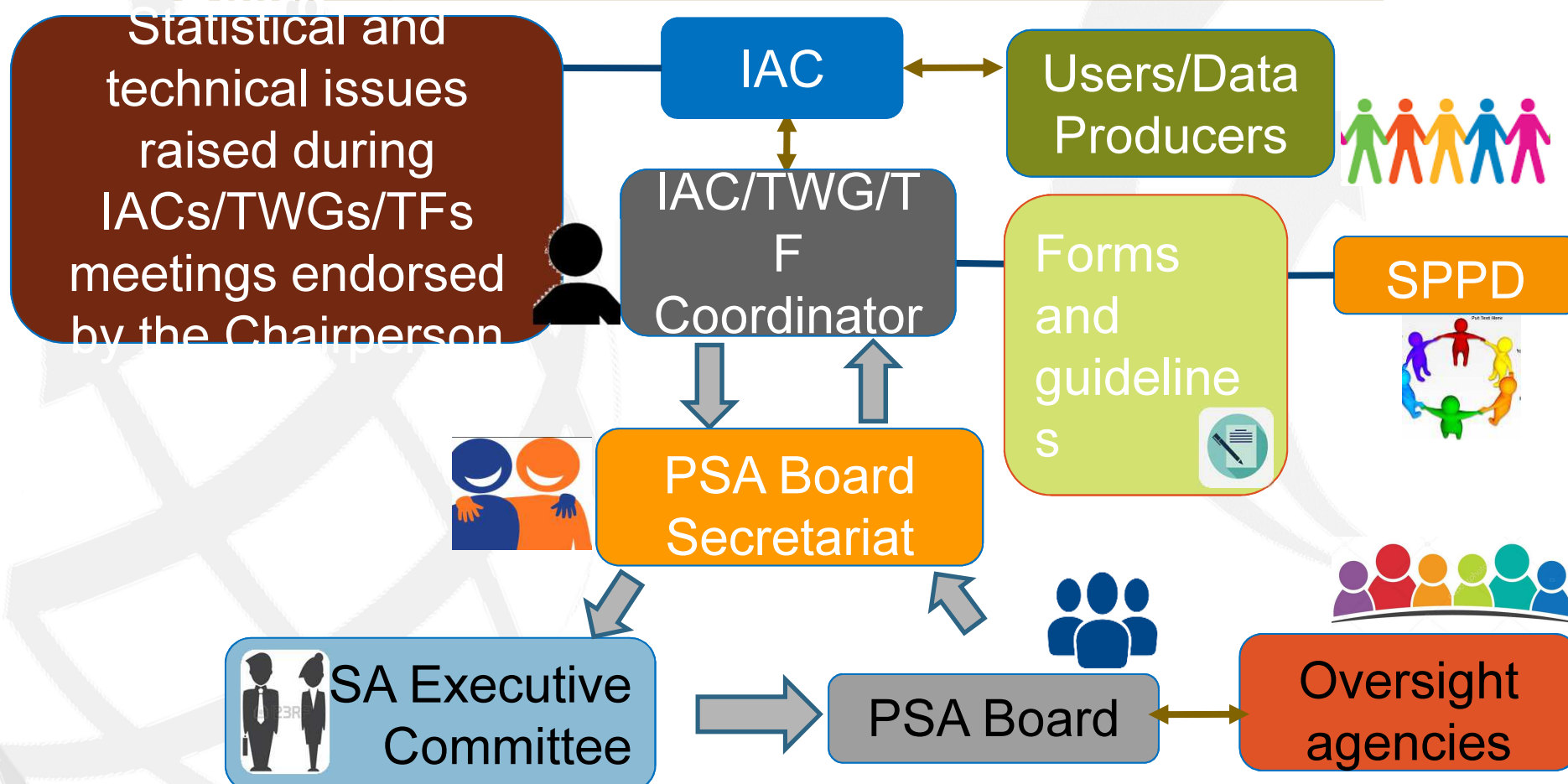


Technical Working Group on Disaster Statistics





Link between the IACs/TWGs/TFs and the PSA Board





Other Agencies Responsible in Generating DRR Statistics



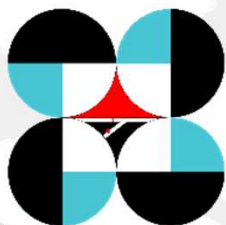
National Disaster Risk Reduction and Management Council, Office of the Civil Defense (NDRRMC-OCD) – provides data on number of people evacuated/displaced and otherwise affected; damaged and destroyed dwellings due to disaster events



Department of Health (DOH) – provides data on number of deaths and number of injured due to disaster; damaged and destroyed critical infrastructures e.g. health facilities; medical cost of people injured or ill due to disaster events;



Department of Public Works and Highways- Bureau of Maintenance (DPWH-BOM) – reports data on damaged infrastructures like roads, bridges, etc due to disaster events;



Philippine Institute of Volcanology and Seismology (PHIVOCs) – reports on earthquake occurrences and volcanic activities



Other Agencies Responsible in Generating DRR Statistics



NATIONAL WATER RESOURCES BOARD

National Water Regulatory Board, Department of Environment and Natural Resources (DENR-NWRB) – provides data on water permits granted by type of use e.g. municipal, industrial, irrigation, power, fisheries, livestock, recreation, others



Biodiversity Management Bureau (DENR-BMB) – provide reports on protected areas, classification of caves, wetlands including community based resources management, biodiversity financing

Land Management Bureau (DENR-LMB) - generates data on land through surveys to include data on land disposition, land uses, patrimonial properties, forest lands, shore lands, etc.



National Mapping and Resource Information Authority (DENR-NAMRIA) – generates maps e.g. hazard maps, land cover statistics, etc.



PSA International Participation on Disaster-Related Statistics

PSA participates in international groups on various capacity

- Chair of the Expert Group on Disaster Statistics for the Asia and the Pacific under the UNESCAP;
- Co-chair of the Expert Group on Sustainable Development Goals;
- Member of the Expert Group on Disaster Indicators and Terminology under the UNISDR;
- Member of the Expert Group on Environment Statistics under the UNSD;
- Member of the Expert Group on Environmental Accounting under the UNSD;
- Member of the Expert Group on Water and Wastewater.



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Coordinative Mechanisms to Institutionalize DRR Statistics in the PSA



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The Philippine Statistical Development Program (PSDP) is a blue print document with the PSA as the lead agency along with other agencies within the PSS. The PSDP provides the directions and priorities of the Philippine Statistical System (PSS); defines the priority statistical programs and activities; promote efficiency of statistical operations through an optimum use of available resources

Inter-Agency Committees – the establishment of the IACs is embodied in the RA 10625 of the PSA Act of 2013. This provides a forum to resolve policy and technical issues, develop new statistical activities/indicators, draft policies and endorse to the PSA Board



System of Designated Statistics – is included in Executive Order No. 352 which calls for the designation of statistical activities that will generate critical data for decision making of the government and private sector.



System of Statistical Budget Review and Prioritization – evaluates the budget proposal of government agencies which are related to the development of designated statistics and other statistics; serves as mechanism to prioritize funding of statistical activities that would generate critical data and indicators.





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Disaster Risk Reduction Expenditure in the Philippines



A. General Objectives:

DRSF is designed to improve quality and harmonization of statistics in support of monitoring and achievement of the Sendai Framework for Disaster Risk Reduction 2015-2030 and the Sustainable Development Agenda 2030.

The DRSF contains two tables under the Disaster Risk Reduction Expenditure Account:

- Production account
- Expenditure account & DRR National Expenditure



The DRSF contains two tables under the Disaster Risk Reduction Expenditure Account:

A1. Production account

A2. Expenditure account & DRR National Expenditure



B2. Framework:

DRRE Disaster Risk Reduction Expenditure Account												
DRRE_B Transfers expenditure account & Calculation of the DRR National Expenditure												
										Units: Local currency		
										US\$ PPP		
2015	Institutional sectors											
	Non-financial corporations	Financial corporations	General government (incl. non-profit institutions controlled by governments and social security)				Households			Non-profit institutions serving households (NPISHs)	TOTAL Resident sectors (units with >1 year of activity)	Rest of the World (RoW)
			Central government	State government	Local government	Subtotal General government	Households owners of unincorporated enterprises	Employees and recipients of property and transfer incomes	Subtotal Households			
Transfers expenditure account												
Total Transfers Paid (6.1)												
6.1	Disaster risk reduction characteristic transfers paid											
6.1.1	Internal transfers between public government services (current or in capital)											
6.1.2	Risk transfers, insurance premiums and indemnities											
6.1.3	Disaster related international transfers (current or in capital)											
6.1.4	Public transfers to private (subsidies, transfers in capital...)											
6.1.5	Private transfers (taxes, voluntary...)											
6.1.6	Other transfers											
Total Transfers Received (6.2)												
6.2	Disaster risk reduction characteristic transfers received											
6.2.1	Internal transfers between public government services (current or in capital)											
6.2.2	Risk transfers, insurance premiums and indemnities											
6.2.3	Disaster related international transfers (current or in capital)											
6.2.4	Public transfers to private (subsidies, transfers in capital...)											
6.2.5	Private transfers (taxes, voluntary...)											
6.2.6	Other transfers											
DRRE Net transfers (6.1 minus 6.2)												
Total DRR Production Expenditure (current plus investment)												
DRR National Expenditure = Total Production Expenditure plus Net Transfers												
Benefits of the DRR National expenditure (by beneficiaries)												
Beneficiaries of the Total Production Expenditure												
Beneficiaries of Total Transfers Received												



C. Thematic Areas:

- Disaster Prevention and Mitigation
- Disaster Preparedness
- Disaster Response
- Disaster Rehabilitation and Recovery



Data Sources:

- Department of Budget and Management : **2016 National Expenditure Program (NEP)**
- Commission on Audit (COA) :
 - a. **Annual Financial Report (AFR)**
 - b. **Consolidated Audit Report on Official Development Assistance (ODA) Programs and Projects**
 - c. **Consolidated Report on the Audit of the Disaster Risk Reduction Management (DRRM) Fund**
- National Economic and Development Authority : **Official Development Assistance (ODA) Portfolio**



Initial Results:

Thematic Area	In Thousand Php
Disaster Prevention and Mitigation	1,852,442
Disaster Preparedness	692,689
Disaster Response	932,485
Disaster Rehabilitation and Recovery	16,197,736
Total DRR	19,675,352

- Disaster Risk Reduction expenditure in the Philippines is 0.54% of the total expenditure of the country



Initial Results:

Expenditure by Agency	Amount in thousand Php	Share to Total DRR in Percent
Department of Education (DepEd)	2,096,077	10.65
State Universities and Colleges (SUCs)	20,077	0.10
Department of Agriculture	176,973	0.90
Department of Health	17,114	0.09
Department of the Interior and Local Government (DILG)	373,176	1.90
Department of Justice (DOJ)	12,296	0.06
Department of National Defense (DND)	1,659,387	8.43
Department of Public Works and Highways (DPWH)	3,020,448	15.35
Department of Science and Technology (DOST)	39,755	0.20
Department of Social Welfare and Development (DSWD)	9,991,172	50.78
Department of Transportation and Communications (DOTC)	2,268,875	11.53
Total DRR Expenditure	19,675,352	100.00



Assumptions:

- The estimates included actual audited NDRRMF
- NDRRMF includes allotments, QRF, Yolanda funds, and donations



Way Forward

- Strengthening capacities of compilers of disaster statistics and producers of data;
- Advocacy/appreciation on the utilization of results among users;
- Enhance available data and fill-up missing data gaps through additional surveys, data etc. including proxy indicators;
- Participation in forum/discussion to gain insights on updates on disaster statistics.



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Thank You!



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