



Republic of the Philippines  
Philippine Statistics Authority



# Looking at Gender Perspectives in Disaster & Environment Statistics -The Philippine Experience-

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Philippine Statistics Authority

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# Some Gender Perspectives on Disaster Statistics

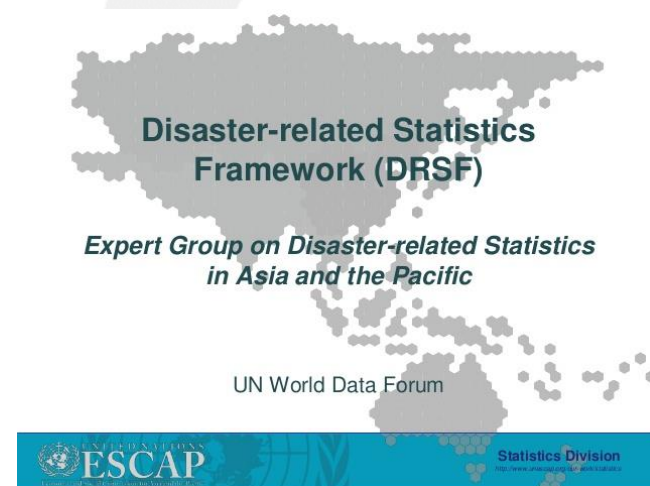
## Some Initiatives in the Philippines:

# 1. Pilot Test of Disaster-Related Statistics Framework (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)**

- **preliminary statistical framework and set of tables**

The **Philippines**, together with Bangladesh, Fiji, and Indonesia, pilot test the provisional DRSF

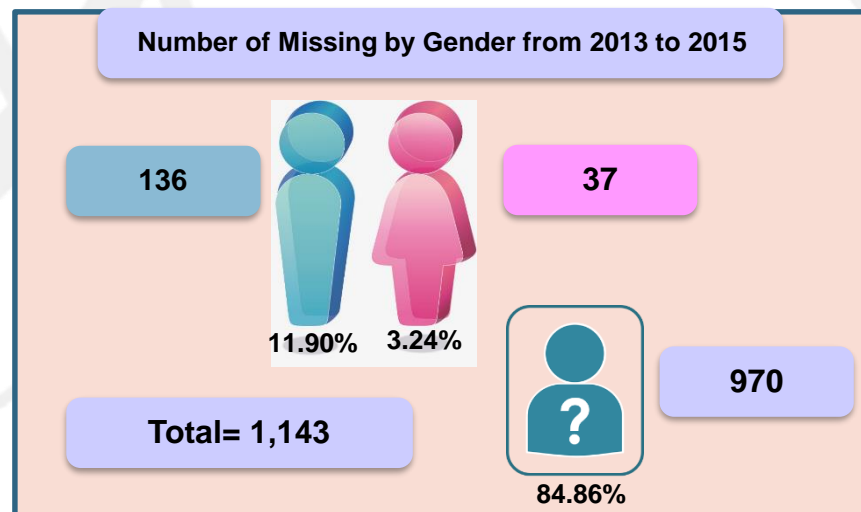
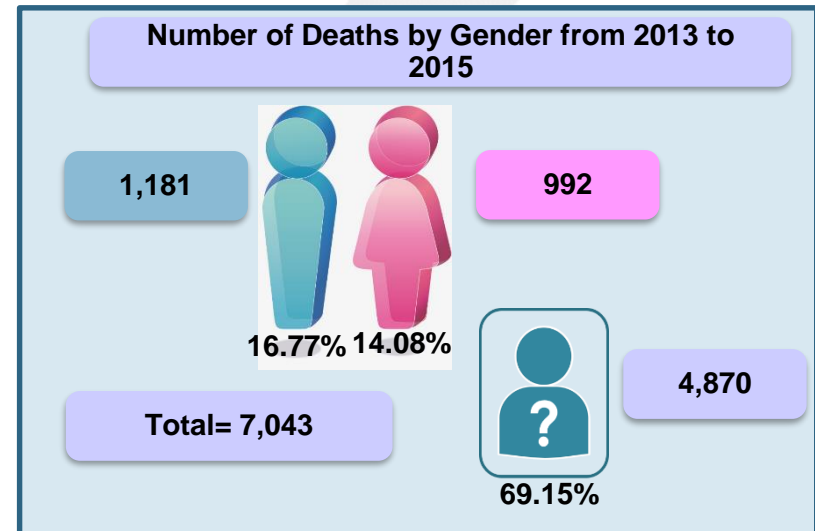
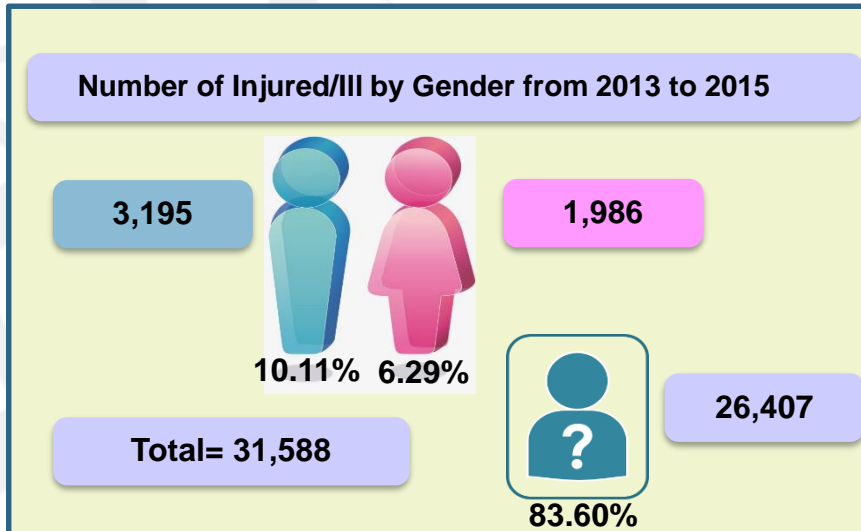


## Available Statistics to Support the DRSF

Categories/Description		Total number of tables	Number of tables with data			Percent of data compiled by category per year
			2013	2014	2015	
<b>A</b>	<b>Summary tables of events by hazards types</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>33</b>
<b>B</b>	<b>Selected background statistics by hazard types and administrative units and river sub-catchments</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>50</b>
<b>C</b>	<b>Summary tables of affected population</b>	<b>11</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>45</b>
<b>D</b>	<b>Summary tables of direct material impacts</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>67</b>
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
<b>Total</b>		<b>32</b>	<b>10</b>	<b>10</b>	<b>10</b>	

## C. Summary tables of affected population by social groups, gender groups

Measurement units: number of people





WHAT'S  
NEXT

- A standard definition of terms and concepts for statistical purposes
- Access to more hazard maps
- 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
- The TWG-DS, to be the front runner in the resolution of the issues on the compilation of data on disaster statistics
- Institutional arrangements on generating statistics related to disaster risk reduction
- Initiating a pilot study to measure DRR expenditure statistics in the Philippines
- Integration of geospatial data with official statistics in collaboration with other agencies



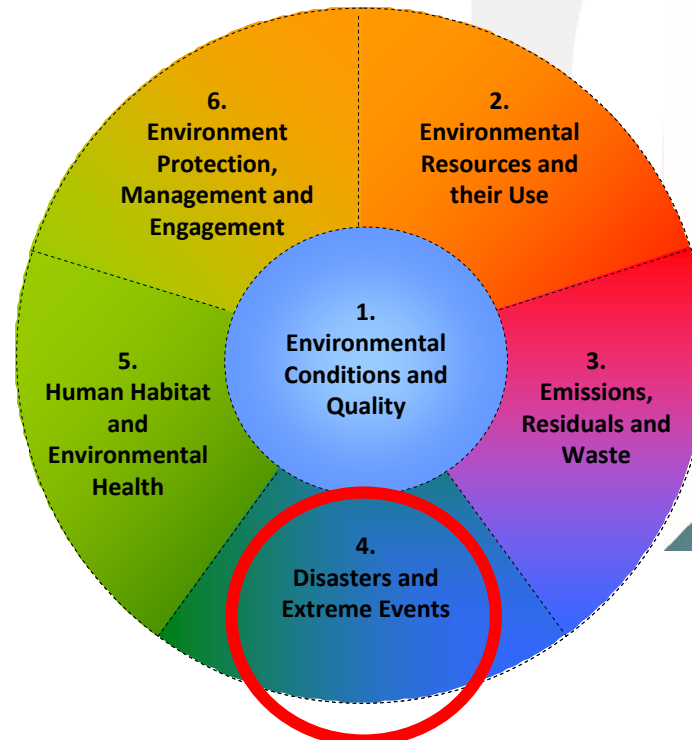
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# Some Gender Perspectives on Environment Statistics

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

- FDES 1984 required updating
- UN Statistical Commission endorsed revised FDES (2013)
  - Recognizing its importance to **2030 Agenda for Sustainable Development**
- FDES 2014 adds:
  - Better scientific knowledge
  - Core set of environment statistics
  - Links to SEEA



FRAMEWORK FOR THE DEVELOPMENT OF ENVIRONMENT STATISTICS (FDES 2013)



FDES: Framework for the Development of Environment Statistics



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

## Compendium of Philippine Environment Statistics (CPES)

### Component 4: Extreme Events and Disasters

The Core statistics reported in the 2016 Compendium of Philippine Environment Statistics were obtained from the **National Disaster Risk Reduction and Management (NDRRMC)**, which is a government agency created in 2010 through the **Philippine Disaster Risk Reduction and Management Act 2010 or Republic Act No. 10121**.

Statistics organized in this publication subscribed to definitions and typologies of disasters by the Centre for Research on the Epidemiology of Disasters (CRED).



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

## Compendium of Philippine Environment Statistics (CPES)

### Component 5: Human Settlements and Environmental Health

Human Settlements and Environmental Health tackles the living conditions of humans and how they affect their health.

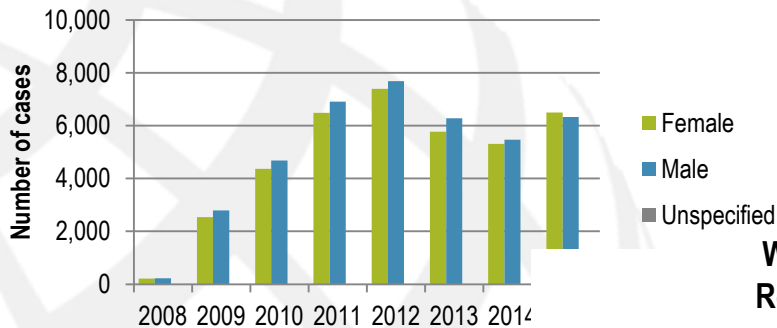
Two subcomponents were compiled in the 2016 CPES under the environmental health for water related diseases and conditions, and vector borne diseases for core statistics.

Statistics on this two subcomponent were gathered from the Department of Health

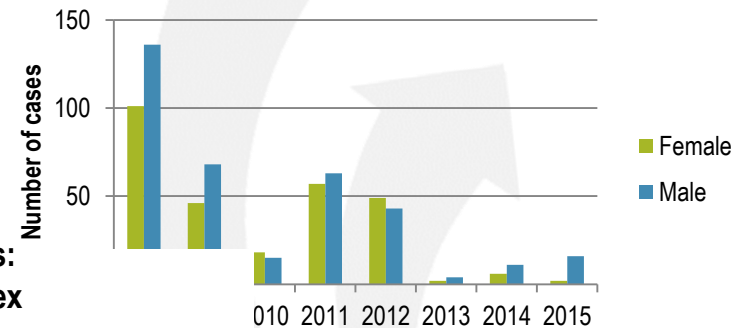


## Compendium of Philippine Environment Statistics (CPES)

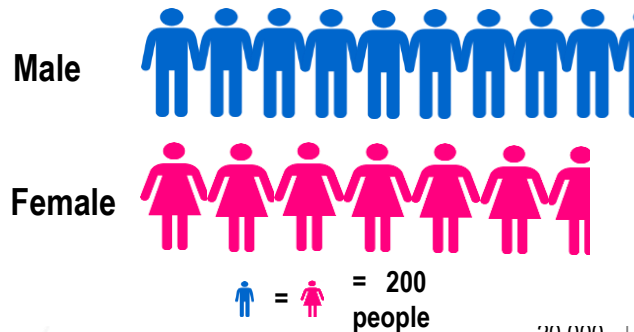
**Water Borne Diseases:  
Acute Bloody Diarrhea Cases by Sex  
2008 to 2015**



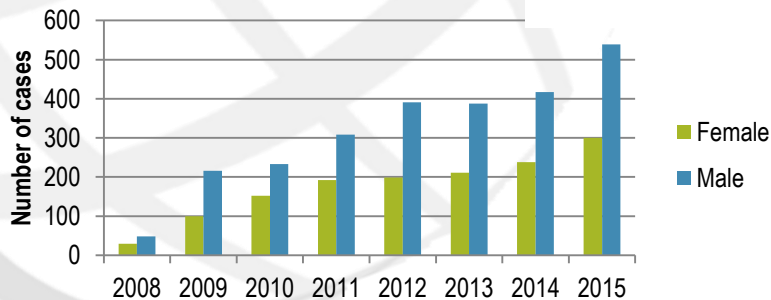
**Water Borne Diseases:  
Confirmed Cholera Cases by Sex  
2008 to 2015**



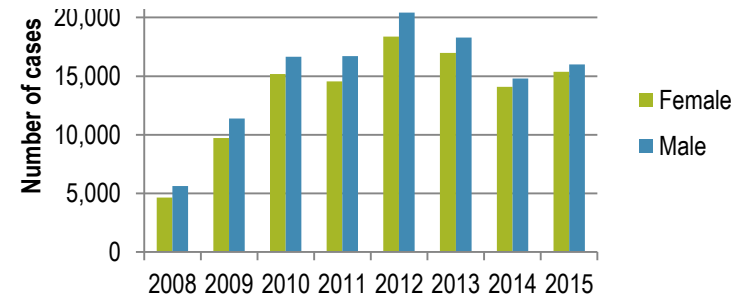
**Water Borne Diseases:  
Rotavirus Cases by Sex  
2015**



**Water Borne Diseases  
Confirmed Hepatitis A Cases  
2008 to 2015**

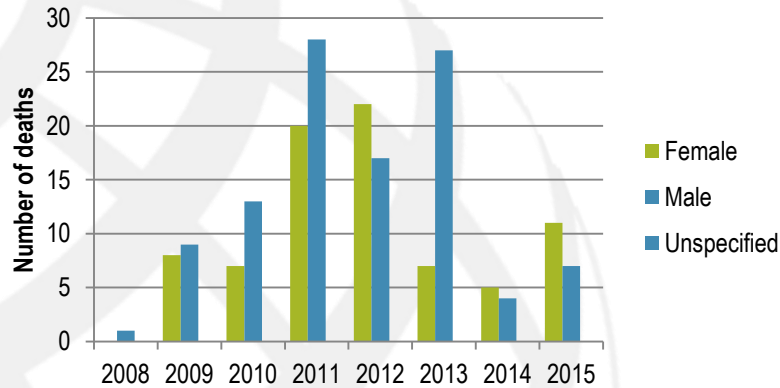


**Water Borne Diseases:  
Confirmed Typhoid Fever Cases by Sex  
2008 to 2015**

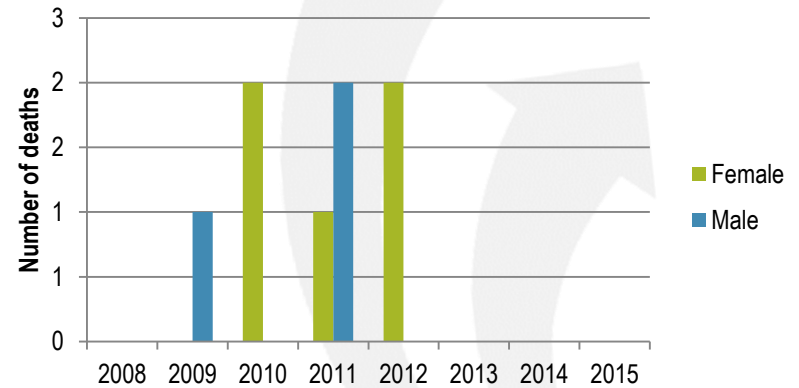


## Compendium of Philippine Environment Statistics (CPES)

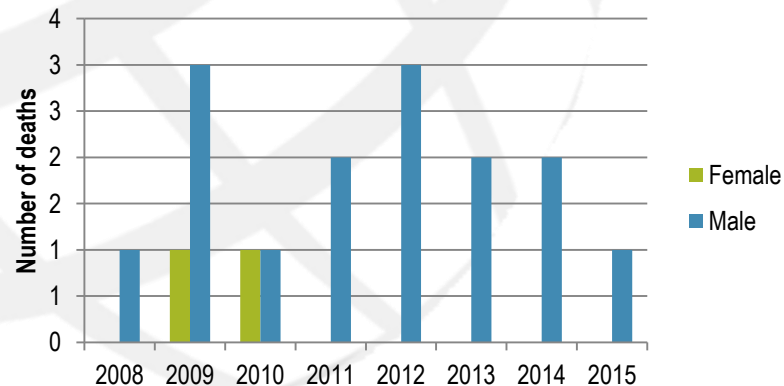
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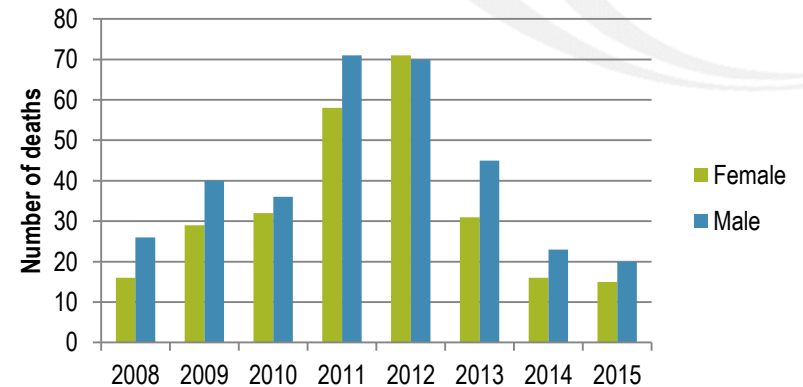
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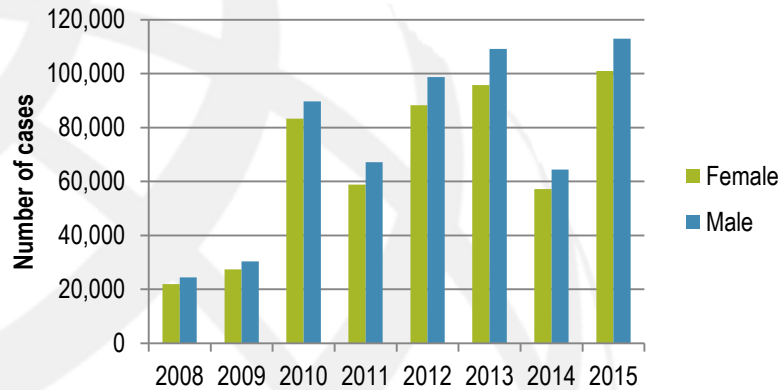


**Water Borne Diseases:  
Typhoid Fever Deaths by Sex  
2008 to 2015**

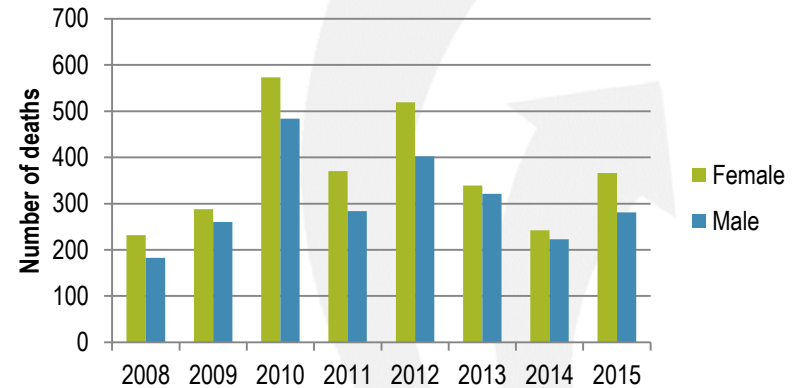


## Compendium of Philippine Environment Statistics (CPES)

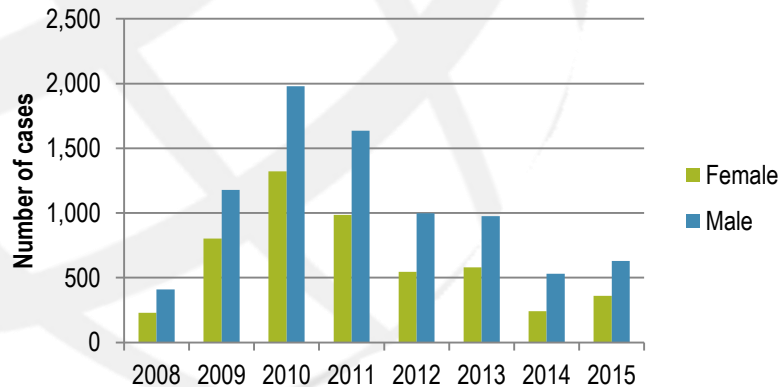
**Vector Borne Diseases:  
Dengue Cases by Sex  
2008 to 2015**



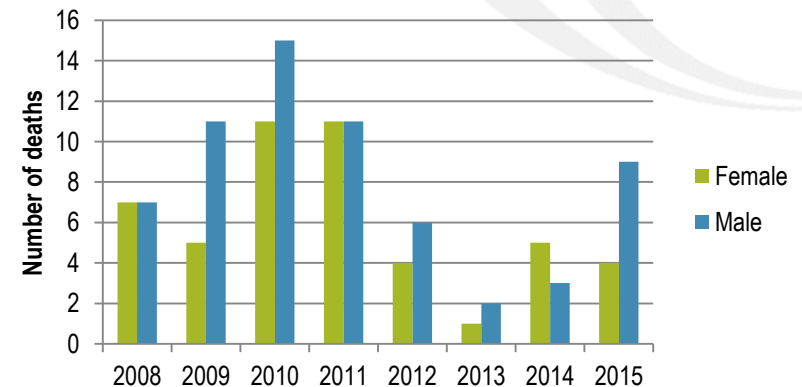
**Vector Borne Diseases:  
Dengue Deaths by Sex  
2008 to 2015**



**Vector Borne Diseases:  
Malaria Cases by Sex  
2008 to 2015**



**Vector Borne Diseases:  
Typhoid Fever Deaths by Sex  
2008 to 2015**



## Issues and challenges

- Environment statistics are produced by many agencies.
  - Overlapping, competing mandates.
- Environment statistics are “newer” than economic statistics.
  - Data are either not readily available or fragmented.



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# Thank You!



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