

## Natural disasters<sup>1</sup> in 2013

In 2013, EM-DAT data provisionally indicates that 334 country level disasters occurred, with 109 countries affected. The impact of which resulted in 22,616 people killed, 96 million people affected, and economic damages of 118 billion US\$ (A).

Due to an absence of a mega disaster, all 2013 figures are lower than the average from 2003-2012. In terms of economic losses, the average is significantly higher than 2013 figures largely because of major disasters occurring in developed nations, such as the Tohoku Japan earthquake that inflicted economic damages of 217 billion US\$ (D). In 2013, mortality was lower than 2003-2012 average perhaps unsurprising given the lack of extremely high mortality events such as the 2010 Haiti earthquake.

2013 was however a notable year for Asia with the continent experiencing 88% of all disaster-related mortality, as compared to the decadal average of 62% (2003-2012) (D). Asia also provided the backdrop to the two deadliest events; with typhoon Haiyan devastating the Philippines (7,986 killed) and imposing damages equalling 5% of national GDP (C), and to a single flood event in India which claimed 6,054 lives (B). The higher attribution of deaths to Asia comes in a year which also saw a reduction in mortality in the disaster prone Americas where 4% were killed compare to the 23% average (2003-2012), representing a 19% decrease (E).

Disaster type analysis (F) suggests storm events and floods are disproportionately responsible for human impacts. 51% of people affected were attributed to storms, while 33% to floods. Mortality were most linked to flood events (43%) with storms also significant(41%).

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## C) Economic impact in 2013

### 10 most affected countries

In absolute amounts (US\$ billion)		As percentage of GDP	
China P. Rep	35.4	Philippines	5.0
Germany	17.7	Cambodia	3.6
United States	17.6	Lao P. Dem. Rep.	1.3
Philippines	12.4	Vietnam	1.0
Canada	7.1	Niger	1.0
Mexico	5.7	Seychelles	0.8
Indonesia	3.1	Pakistan	0.7
India	2.4	Armenia	0.6
Australia	2.4	Bahamas	0.6
Vietnam	1.6	Panama	0.6

## A) Natural disasters<sup>1</sup> in 2013: summary

	2013	2003-2012 yearly average
No. of country-level disasters	334	373
No. of countries affected	109	118
No. of people killed	22,616	106,597
No. of people affected	97 mil.	191 mil.
Economic damages (US\$)	118 bil.	156 bil.

<sup>1</sup>The CRED CRUNCH newsletter does not include epidemics and insect infestations as natural disasters unless explicitly stated.

## B) Human impact in 2013

### 10 most affected countries

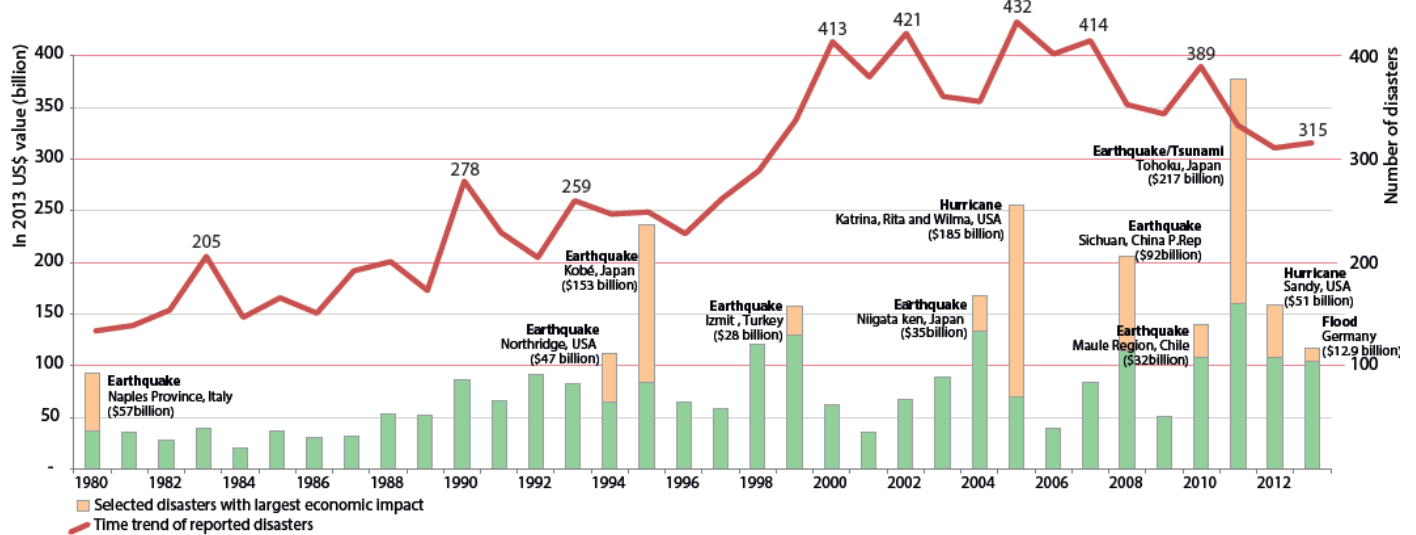
No. of people killed		No. killed/100,000 inhabitants	
Philippines	8,382	St Vincent and the Grenadines	11.9
India	7,368	Philippines	8.7
China P. Rep	1,395	St Lucia	3.3
United Kingdom	772	Solomon Is.	1.8
Pakistan	730	Somalia	1.7
Japan	400	Cambodia	1.3
Nepal	244	Bolivia	1.2
Mexico	223	United Kingdom	1.2
United States	212	South Sudan	0.9
Cambodia, Vietnam	200	Zimbabwe	0.9

No. of people affected (million)		No. affected/100,000 inhabitants	
China P. Rep.	27.5	St Lucia	93,990
Philippines	25.7	Philippines	26,541
India	16.7	Israel	25,329
Vietnam	4.1	Zimbabwe	16,101
Thailand	3.5	Namibia	15,292
Zimbabwe	2.2	Czech Rep.	12,364
Israel	2.0	Marshall Is.	12,147
Pakistan	1.7	St Vincent and the	11,969
Bangladesh	1.6	Cambodia	10,091
Cambodia	1.5	Lao P. Dem. Rep.	8,641

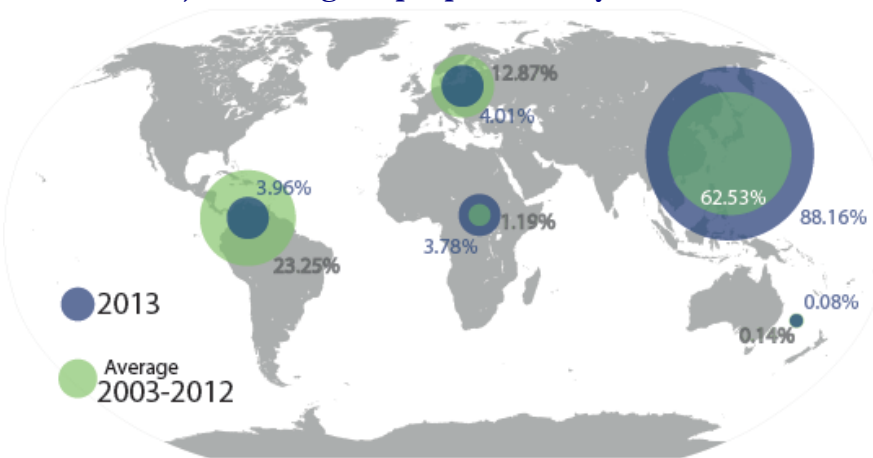
All figures presented in the CRED CRUNCH come from EM-DAT: The OFDA/CRED International Disaster Database”

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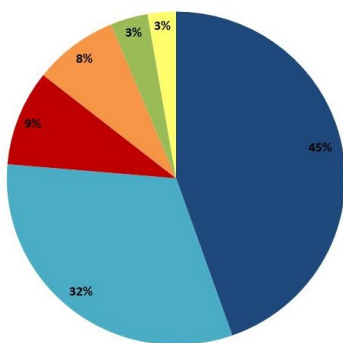
## D) Annual occurrence and reported economic damages from disasters 1980-2013



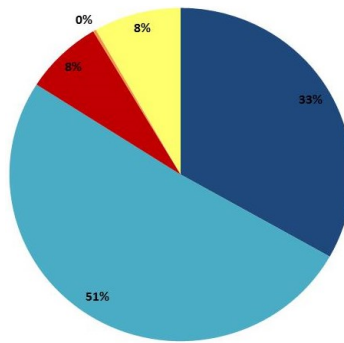
## E) Percentage of people killed by continent



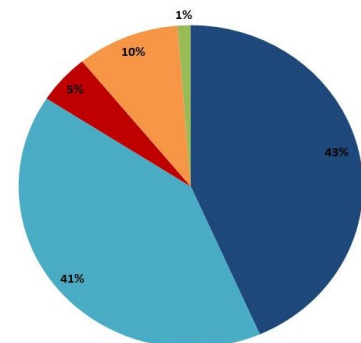
## F) Occurrence by disaster type (2013)



## Population affected by disaster type (2013)



## Mortality by disaster type (2013)



Legend for F): ■ Flood ■ Storm ■ Geophysical (Earthquake & Volcano) ■ Extreme temperature & Wildfire ■ Landslide (Dry & Wet) ■ Drought

## CRED News

- ◆ CRED is delighted to present the 2014 Summer Course on Assessing Public Health in Emergency Situations (APHES). This course will take place on July 7-18, 2014 in Brussels, Belgium. More information at [www.aphes.be](http://www.aphes.be).
- ◆ In the context of the Understanding Risk Forum, which will be held in London, CRED is organizing a technical session entitled « Winners and Losers: Measuring the Impacts and costs of disasters ». This Technical session will take place on Wednesday July 2 at 11:30. Details on : <https://understandrisk.org/page/abstracts-technical-sessions>
- ◆ CRED is pleased to announce the publication of the report « People affected by conflict: Humanitarian needs in numbers », edited by Debarati Guha-Sapir. Available on <http://www.cred.be/publications>.

Please note that disaster data are subject to change as validation and cross-referencing of the sources is undertaken and as new information becomes available. For any enquiries please contact [contact@emdat.be](mailto:contact@emdat.be) or visit [www.emdat.be](http://www.emdat.be)