

Natural disasters¹ in 2014

In 2014, EM-DAT preliminary data indicates that 271 country level disasters occurred, with 94 countries affected. The impact of which resulted in 6,434 deaths, 102 million people affected, and economic damages of 85 billion US\$ (A).

In 2014, mortality level was lower than the 2004-2013 average, perhaps given the lack of extremely high mortality events such as the 2010 earthquake in Haiti, the 2004 tsunami in Indonesia and the 2008 Nargis Cyclone in Myanmar. 2014 is also the year with the lowest mortality rate since 1986 (7303 deaths). On the other hand, the death toll of the on-going Ebola epidemic in West Africa (8,600 deaths) is much higher than the total mortality rate of all natural disasters¹ in 2014.

In 2014, China was the most disaster-affected country, with drought, storms and flooding affecting more than 58 million people. An earthquake in August 2014 killed 617, confirming that China is the country with the highest mortality rate in 2014. (B)

In terms of economic losses, 2014 is also well below the annual average of US\$147 billion seen in the past ten years. The floods in Jammu and Kashmir along with the Cyclone Hududh in India were the most costly events at US\$ 16 billion and US\$ 7 billion respectively. (C) For the first time since 1980, the world experienced a consecutive decrease in the economic losses since the last three years (D).

2014 was, as much as 2013, a notable year for Asia with the continent experiencing higher disaster occurrences (125 disasters) (E) and 80% of all disaster-related mortalities, as compared to the decadal average of 65% (2004-2013). The higher attribution of deaths in Asia comes in a year which also saw a lower mortality rate in Americas where 8% were killed compared to the 25% average (2004-2013). (F) Disaster type analysis (G) suggests hydrological events (flood and landslides - 49% of disasters) are responsible for 63% of mortalities. The Affected population was also linked to flood events (34%) but 39% were affected by droughts.

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Director, CRED

C) Economic impact in 2014

10 most affected countries

In absolute amounts (US\$ billion)		As percentage of GDP	
China P Rep	23.17	Tonga	10.29
India	23.16	Serbia	4.77
United States	15.92	Bosnia-Herzegovina	2.45
Japan	6.30	Solomon Is	2.19
Brazil	5.00	India	1.23
Mexico	2.54	Pakistan	0.87
Serbia	2.17	Morocco	0.43
Pakistan	2.02	Bolivia	0.33
Indonesia	0.94	China P Rep	0.25
Greece	0.45	Brazil	0.22

A) Natural disasters¹ : summary

	2014	2004-2013 yearly average
No. of country-level disasters	271	369
No. of countries affected	94	118
No. of deaths	6,434	99,740
No. of people affected	102 mil.	175 mil.
Economic damages (US\$)	85 bil.	147 bil.

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

B) Human impact in 2014

10 most affected countries

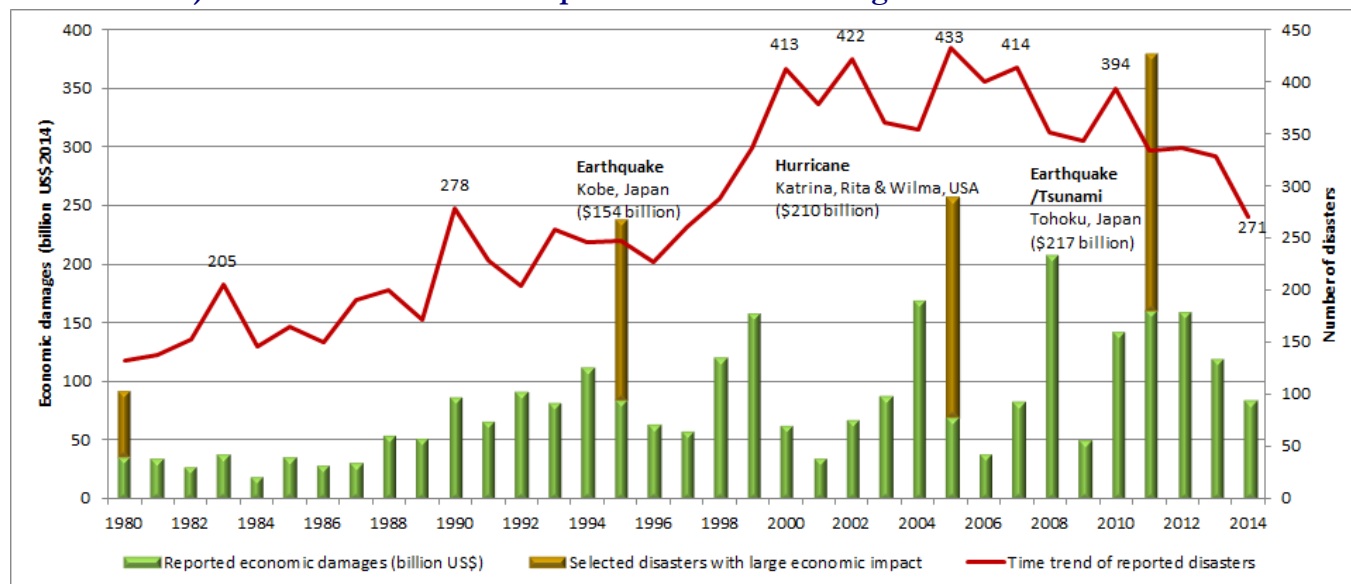
No. of deaths		No. deaths/100,000 inhabitants	
China P Rep	1,246	Solomon Is.	8.37
India	913	Vanuatu	4.75
Pakistan	631	Nepal	1.98
Afghanistan	575	Afghanistan	1.88
Nepal	551	Tonga	0.95
Philippines	308	Burundi	0.94
Indonesia	237	Swaziland	0.88
Japan	229	Serbia	0.77
United States	213	Bosnia-Herzegovina	0.65
Sri Lanka	113	Bolivia	0.60

No. of people affected (million)		No. affected/100,000 inhabitants	
China P. Rep.	58.45	Bosnia-Herzegovina	26,114
Philippines	10.14	Burkina Faso	23,620
India	5.66	Serbia	22,515
Burkina Faso	4.00	Sri Lanka	14,670
Sri Lanka	3.00	Honduras	11,788
Bangladesh	2.80	Philippines	10,309
Malaysia	2.40	Solomon	9,265
Pakistan	2.28	Guatemala	8,688
Serbia	1.61	Malaysia	8,076
Kenya	1.60	Vanuatu	7,915

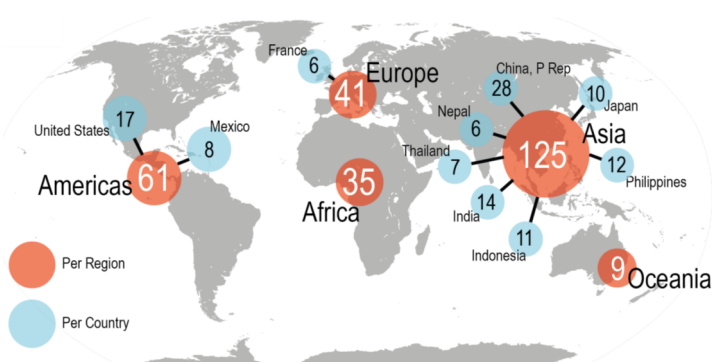
All figures presented in the CRED CRUNCH come from EM-DAT: The OFDA/CRED International Disaster Database²

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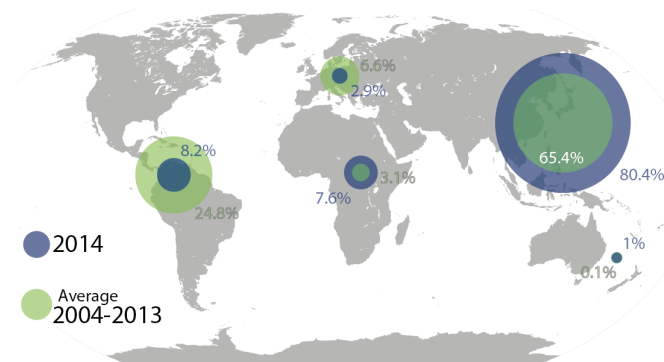
D) Annual occurrence and reported economic damages from disasters 1980-2014



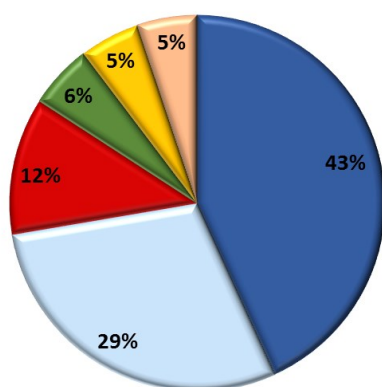
E) TOP 10 : Number of reported natural disasters by continent



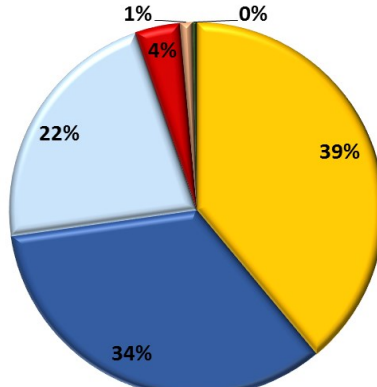
F) Percentage of people killed by continent



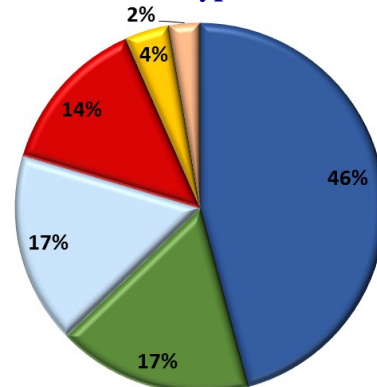
G) Occurrence by disaster type



Population affected by disaster type



Mortality by disaster type



■ Flood ■ Storm ■ Geophysical (Earthquake & Volcanic activity) ■ Landslide (Dry & Wet) ■ Drought ■ Extreme temperature & Wildfire

CRED News

- ◆ CRED is delighted to present the 2015 Summer Course on Assessing Public Health in Emergency Situations (APHES). This course will take place on July 6-17, 2015 in Brussels, Belgium. More information at www.aphes.be.
- ◆ CRED is pleased to announce the upcoming publication in March of the report « People Affected by Natural Disasters ».
- ◆ New EM-DAT promotion material available online (<http://www.emdat.be/>)

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 or visit www.emdat.be