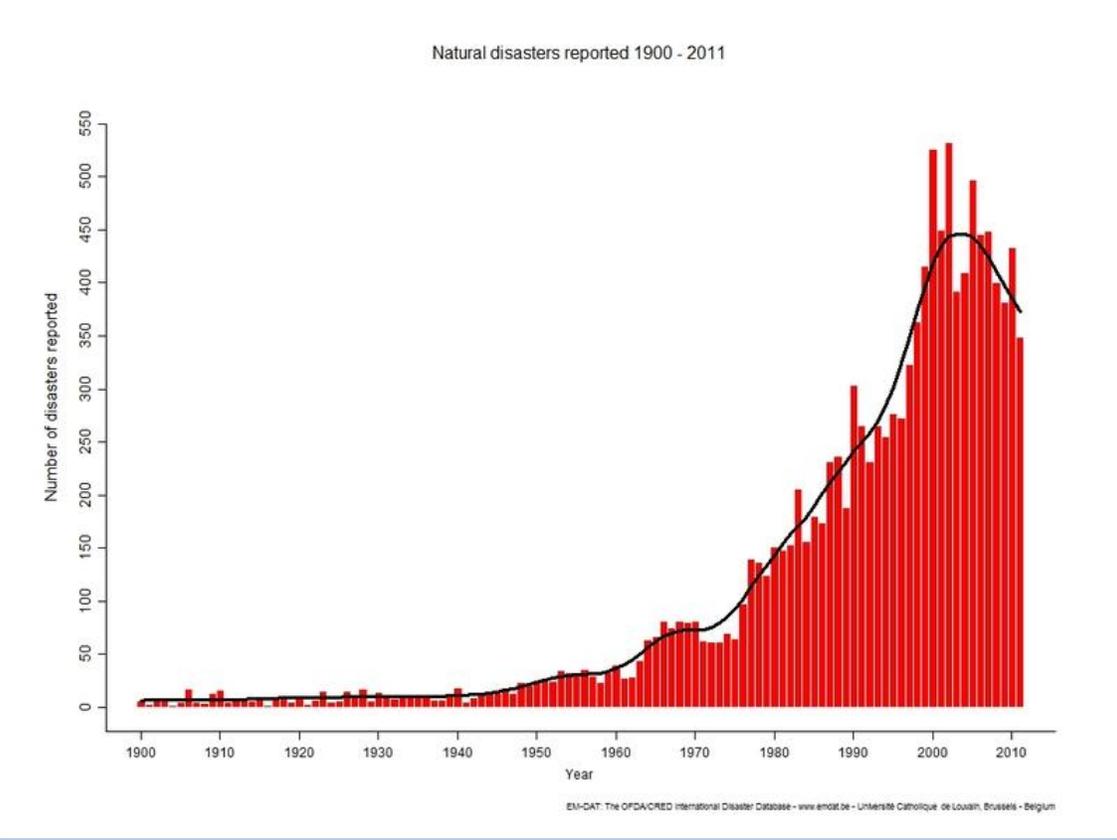# Disaster Trends[9]

Development and relief agencies have long recognized the important role played by data and information in mitigating the impacts of disasters on vulnerable populations. Systematic collection and analysis of these data provides invaluable information to governments and agencies in charge of relief and recovery activities. It also aids the integration of health components in development and poverty alleviation programs.

However, there is a lack of international consensus regarding best practices for collecting these data. Together with the complexity of collecting reliable information, there remains huge variability in definitions, methodologies, tools and sourcing.
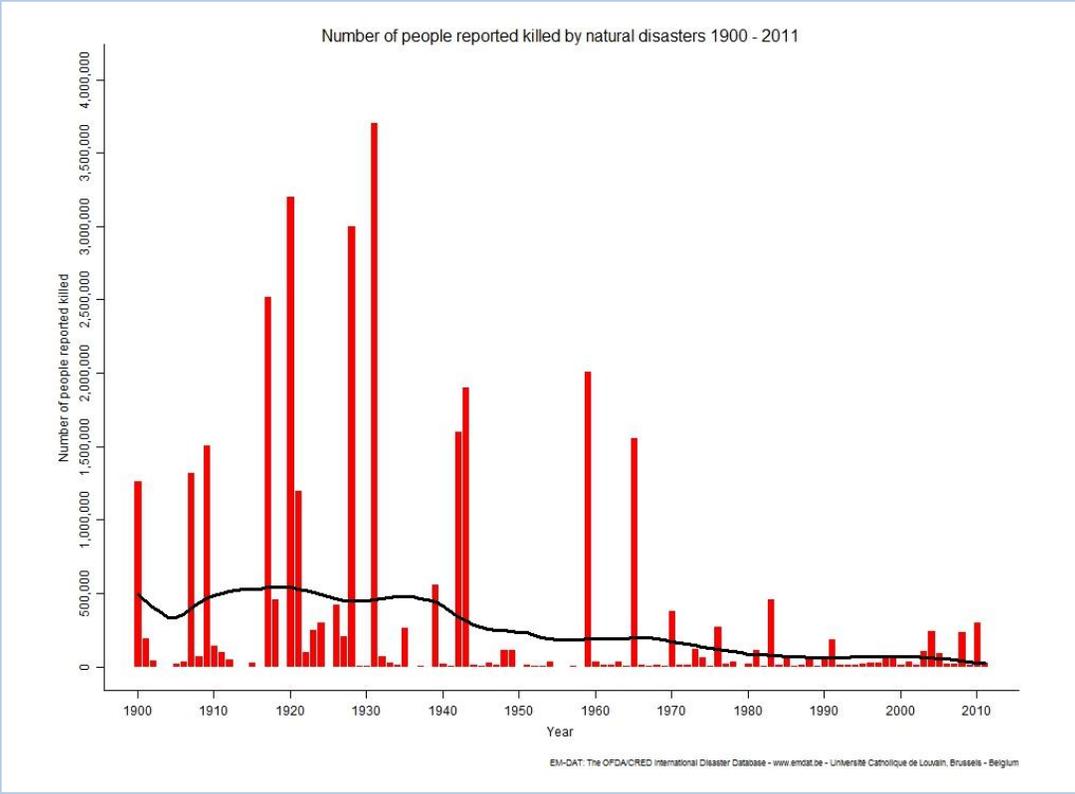
CRED has a long history of standardized data compilation, validation and analysis. It provides free and open access to its data through its website. One of CRED's core data products is the EM-DAT the International Disaster Database.

EM-DAT provides an objective basis for vulnerability assessment and rational decision-making in disaster situations. For example, it helps policymakers identify disaster types that are most common in a given country and have had significant historical impacts on specific human populations.
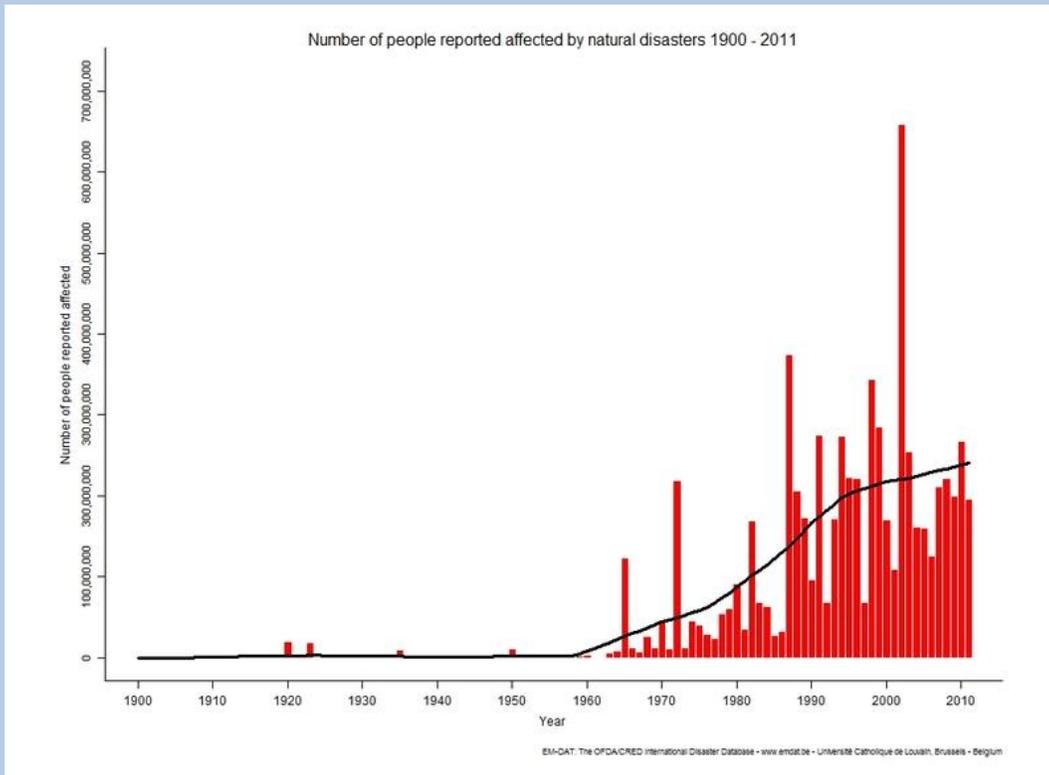
In addition to providing information on the human impact of disasters, such as the number of people killed, injured or affected, EM-DAT provides disaster-related economic damage estimates and disaster-specific international aid contributions.
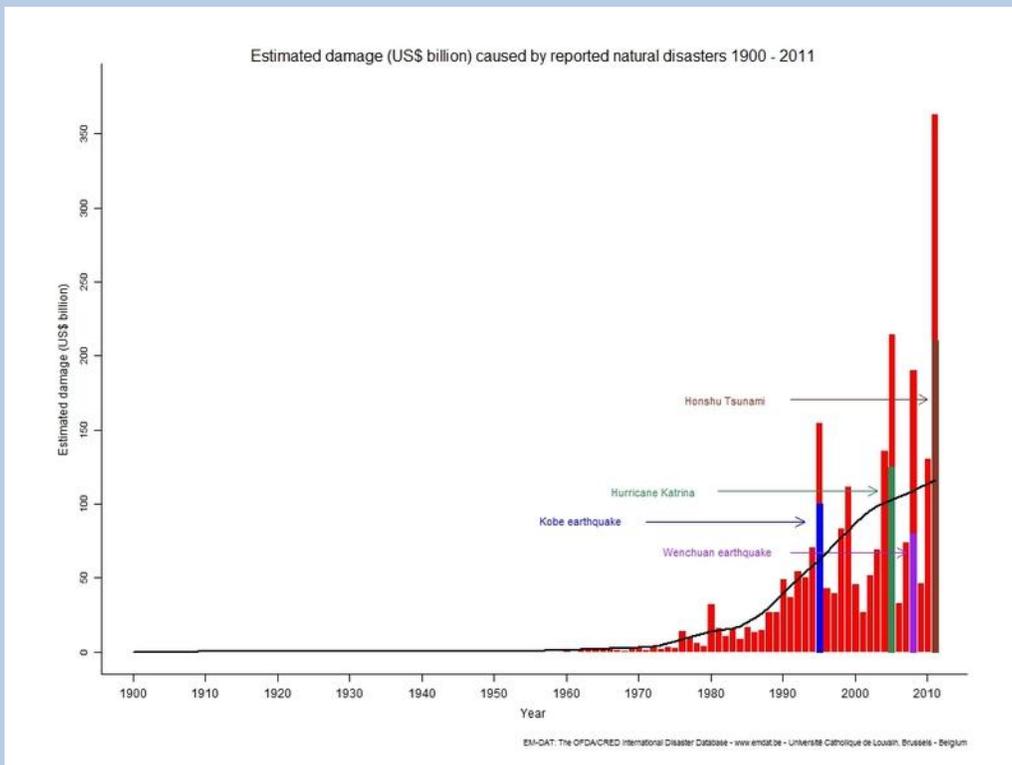
Natural disasters reported 1900-2011

Number of people reported killed by natural disasters 1900-2011

Number of people reported affected by natural disasters 1900 - 2011

EM-DAT: The OFDA/CRED International Disaster Database - www.emdat.be - Université Catholique de Louvain, Brussels - Belgium

Number of people reported affected by natural disasters 1900-2011

Estimated damage (US$ billion) caused by reported natural disasters 1900 - 2011

Honshu Tsunami

Hurricane Katrina

Kobe earthquake

Wenchuan earthquake

EM-DAT: The OFDA/CRED International Disaster Database - www.emdat.be - Université Catholique de Louvain, Brussels - Belgium

Estimated damage (US$) caused by reported natural disasters 1900-2011

Natural disaster summary 1900-2011

References:

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[2,3,5]Ministry of Home Affairs, Govt. of India, Disaster Management in India

[4]http://unisdr.org/files/7817_UNISDRTerminologyEnglish.pdf

[6]https://www.ifrc.org/en/what-we-do/disaster-management/about-disaster-management/

[7]Module 4 - Capacity Building in Asia using Information Technology Applications (CASITA) -
Asian Disaster Preparedness Center (ADPC),Bangkok .

[8]http://www.unisdr.org/we/inform/terminology

[9]http://www.emdat.be/