# IDMC GRID 2016 Disaster Dataset Codebook

## Introduction

This codebook describes IDMC's Global Report on Internal Displacement (GRID) 2016 Disaster Dataset.

The data collection process, decision rules and analytical methodology are discussed in more detail in the Methodological Annex (p. 74) of IDMC's *Global Report on Internal Displacement 2016*, available from www.internal-displacement.org.

## Definition of IDP

We define internally displaced persons ("IDPs"), in accordance with the 1998 *UN Guiding Principles on Internal Displacement* as:

"Persons or groups of persons who have been forced or obliged to flee or to leave their homes or places of habitual residence, in particular as a result of or in order to avoid the effects of armed conflict, situations of generalized violence, violations of human rights or natural or human-made disasters, and who have not crossed an internationally recognized state border."

We interpret IDPs to include asylums seekers, refugees, stateless people, pastoralists and others who have been displaced within the boundaries of their own countries. For a comprehensive definition, please refer to the methodological annex of the GRID 2016.

## Citation

When using this dataset, please cite: IDMC Global Report on Internal Displacement 2016 Disaster Dataset, 11 May 2016.

## Feedback and Contact

Our data is subject to revision and updating based on ongoing monitoring, research and feedback. The production of global estimates for the current year is ongoing. Your feedback is welcome and requests for guidance in the use and interpretation of the data are encouraged. Please contact us at data@idmc.ch.

## Limitations

As with most analysis that relies on secondary information, we are aware that our methodology and data may be subject to different types of reporting bias. For instance, some of our limitations include an unequal dissemination of the data related to disaster-induced displacement, the under-reporting of small-scale events, the 'invisibility' of certain categories of IDPs, and the variability in the quality of resources available. For more detail please consult IDMC's Methodology annex to the *Global Report on Internal Displacement 2016* (www.internal-displacement.org).

## Description of data fields

### ID

Unique number assigned to identify the disaster event.
**Data type:** Numeric

### GLIDE Number

The Global Disaster Identifier Number (GLIDE) is a unique disaster identification number generated by the Asian Disaster Reduction Center (ADRC). The GLIDE number is composed by two letters to identify the disaster type (e.g. EQ - earthquake); the year of the disaster; a six-digit, sequential disaster number; and the three-letter ISO code for country of occurrence. The GLIDE number for West-India Earthquake in India, for example is: EQ-2001-000033-IND (see http://glidenumber.net/glide/public/search/search.jsp).
**Data type:** Text

### Start Date

Date (formatted as yyyy-mm-dd) when the hazard event or disaster started. Where a specific start day or month cannot be identified, "01" is entered.
**Data type:** Date

### Start Date Accuracy

Day: The exact date is known.
Month: The exact date is unknown, but the month is known.
Year: The day and month are unknown. Only the year is known.
**Data type:** Text

## End Date

Date: (formatted as yyyy-mm-dd) when the hazard event or disaster ended. Where a specific end day or month could not be identified, "01" is entered.
**Data type:** Date

## End Date Accuracy

Day: The exact date is known.
Month: The exact date is unknown, but the month is known.
Year: The day and month are unknown. Only the year is known.
**Data type:** Text

## ISO3

Country or territory identifier based on ISO 3166 alpha-3 codes.
**Data type:** Text

## Country or Territory

Name of country or territory where the disaster or hazard event took place.
**Data type:** Text

## Locations

The specific location(s) affected by the event. When available, the location is detailed from the largest to the smallest administrative unit.
**Data type:** Text

## Event Name

A descriptive name is given to the disaster or event to aid in identification. It is generally made of the hazard type preceded by the geographical location where the hazard took place. When there is an internationally acknowledged name (eg. cyclone Komen), that name is used.
**Data type:** Text

## Category

See table 1 below.

## Sub-category

See table 1 below.

## Type
See table 1 below.


## Sub-type
See table 1 below.

**Typology of natural hazards**

| Category | Sub-category | Type | Sub-type |
|---|---|---|---|
| Geophysical | Geophysical | Earthquake, mass movement, volcanic activity | Ground-shaking, tsunami, sudden subsidence, sinkholes, landslide, rockfall, ashfall, lahar, pyroclastic flow, lava flow, toxic gases, glacial lake outburst flow (GLOF), volcanic eruption |
| Meteorological | Weather-related | Storm, extreme temperature | Extra-tropical storm, tropical storm (including hurricane and cyclone), convective storm, cold waves, heat, waves, severe winter condition; derecho, hailstorm, thunderstorm, windstorm, tornado, rain storm winter storm, dust storm, storm surge, haze, gale |
| Hydrological | | Flooding, landslide, wave action | Coastal flood, riverine flood, flash flood, ice jam flood, avalanche (snow, debris, mudflow, rockfall), rogue wave, seiche |
| Climatological | | Drought, wildfire | Forest fire, land fire (bush, brush and pasture); fire whirls |

This typology is adapted from the classification system developed by the international disaster database (EM-DAT) maintained by the Centre for Research on the epidemiology of Disasters (CRED). **Please note that IDMC's database does not yet include estimations for displacement caused by drought**. Please refer to the Methodological Annex of IDMC's report "Global Report on Internal Displacement 2016" for further explanation.


## New Displacement
Estimated number of persons newly displaced by the threat or impact of a disaster.
**Data type:** Numeric

## Reporting Unit

This variable indicates whether the estimate reported was originally given at the *person* or *household* level. When the value was reported at the household level, IDMC multiplied the figure by a country-level household size estimation (see Box A.2, Estimating average household size, in *the Global Report on Internal Displacement 2016* for details).

**Data type:** Text

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