

RISK

WARNING

SEVERITY



INFORM REPORT 2020

Shared evidence for
managing crises and
disasters

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For more information

<https://drmkc.jrc.ec.europa.eu/inform-index>

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WELCOME

Welcome to the INFORM 2020 report.

INFORM partners believe that the availability of shared analysis of crises and disasters can lead to better coordination of actors and better outcomes for at-risk and affected people. Specifically, INFORM creates a space and process for shared analysis that can support joint strategy development, planning and action to prevent, prepare for, respond to and recover from crises. This can bring together development, humanitarian and other actors to manage risk and respond better when crises do occur.

This report sets out INFORM's vision for a suite of products to support decision-making that are easy to use and open to everyone. This vision involves bringing scientific rigour to the process of analysing crises and pooling expertise to develop shared methodologies. By working together, we can reduce the investments required by individual organisations, assure the quality of our analysis and make it available for the common good.

ABOUT INFORM

INFORM is a multi-stakeholder forum for developing shared, quantitative analysis relevant to humanitarian crises and disasters. INFORM includes organisations from across the multilateral system, including the humanitarian and development sector, donors, and technical partners. The Joint Research Center of European Commission is the scientific and technical lead for INFORM.

INFORM is developing a suite of quantitative, analytical products to support decision-making on humanitarian crises and disasters. These help make decisions at different stages of the disaster management cycle, specifically prevention, preparedness and response. INFORM develops methodologies and tools for use at the global level and also supports their application at subnational level.



| PRODUCT | APPLICATION | ANALYSIS | STATUS |
|------------------------|--|--|-----------------|
| INFORM RISK | Development, risk reduction, crisis prevention, preparedness | Generalised risk of a crisis based on structural conditions | Operational |
| INFORM WARNING | Preparedness, early warning, early action | Indicators of elevated risk, emerging crisis or crisis trigger | In development |
| INFORM SEVERITY | Early action, crisis response | Severity of an existing crisis | Release in 2020 |

INFORM principles

Global

INFORM Global products cover 191 countries and Subnational products include all parts of the region or country they cover.

Open

All INFORM products are freely available and the methodology and sources are open and transparent.

Reliable

INFORM products use the best available methods and data. INFORM partners have committed to make them available into the future.

Flexible

INFORM products can be easily adapted and included into the decision-making processes of users.

How INFORM products are used

INFORM products are used by all kinds of organisation and can be adapted to suit their decision-making processes. These are some examples:

WFP uses the uses the INFORM Risk Index in its Corporate Alert System - which analyses emerging risks to trigger timely and adequate preparedness and response - and to support the inter-agency Early Warning, Early Action and Readiness Analysis process.

ECHO uses INFORM products as part of its Integrated Analysis Framework, which supports decision-making on its Annual Aid Strategy.

IFRC uses the INFORM Risk Index as a baseline risk analysis for its Priority Countries and INFORM Subnational Risk Models in its Community Risk Assessments.

OCHA uses INFORM products to support decisions on funding from the CERF Underfunded Emergencies window.

In the Sahel region, the INFORM Sahel Subnational Risk Model has been used to support humanitarian and development planning, as well as the UN Integrated Strategy for the Sahel.

INFORM's approach and products are increasingly recognised to support several key components of the post-2015 humanitarian, DRR and development agenda. Shared analysis and joint humanitarian and development action are principles recognised by the World Humanitarian Summit outcomes, Sendai Framework and Sustainable Development Goals.

Supporting INFORM

The approach of INFORM is inclusive and cost effective, with a small investment that has a multiplying effect through better targeted and more effective use of aid and development resources. INFORM has developed a 5 year project plan and budget, which provides an overview of activities carried out through the INFORM network. INFORM's primary concern is long term sustainability. Therefore, it is seeking additional donors that are willing to make a long term commitment to INFORM.

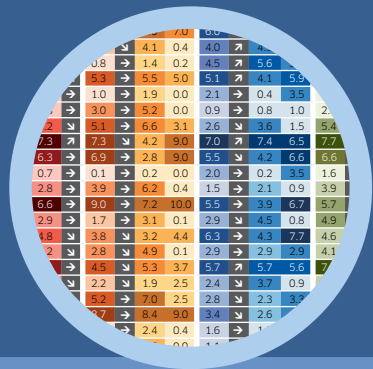


INFORM **RISK**

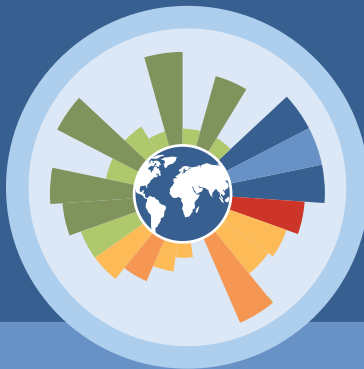
INFORM RISK INDEX

The INFORM Risk Index is the first global, objective and transparent tool for understanding the risk of humanitarian crises and disasters. It can help identify where and why a crisis might occur, which means we can reduce the risk, build peoples' resilience and prepare better for when crises do happen.

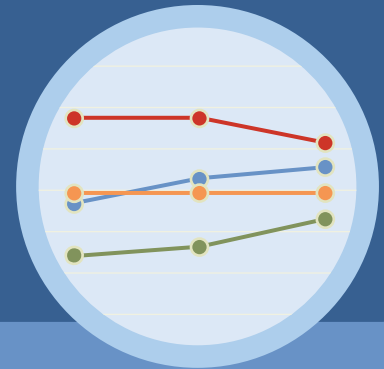
Use INFORM Risk



Prioritise countries by risk, or any of its components



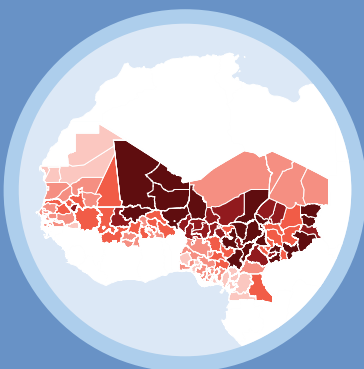
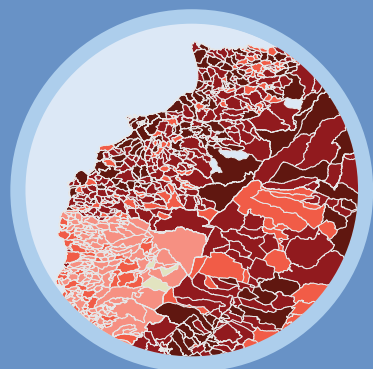
Decide how best to reduce risk



Monitor risk trends

Adaptable

...for your organisation or region and the same methodology can be used for national and regional risk assessment.

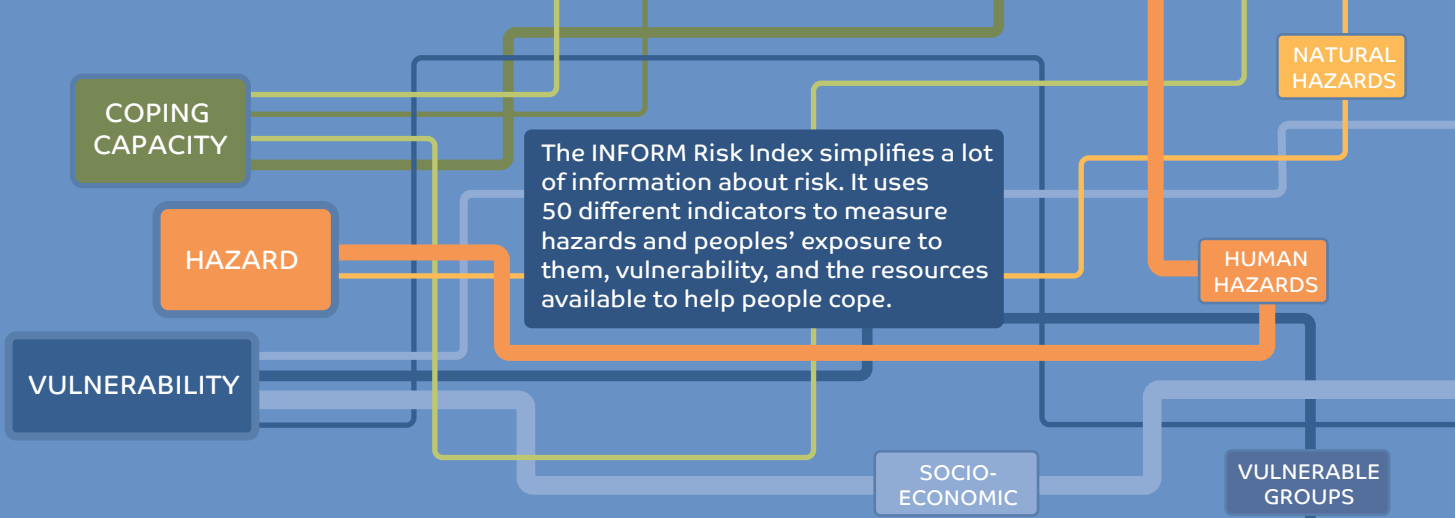


Results and limitations of INFORM RISK

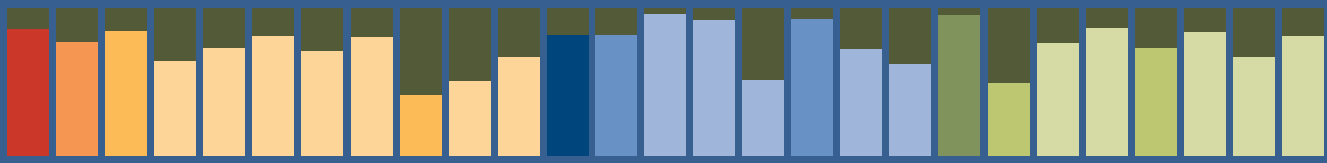
The INFORM Risk Index is a composite index, which is a simplified view of reality. Therefore, it should be used in conjunction with other sources of information. Full details of the methodology and a more detailed discussion of its limitations are available on the website.

<https://drmkc.jrc.ec.europa.eu/inform-index>

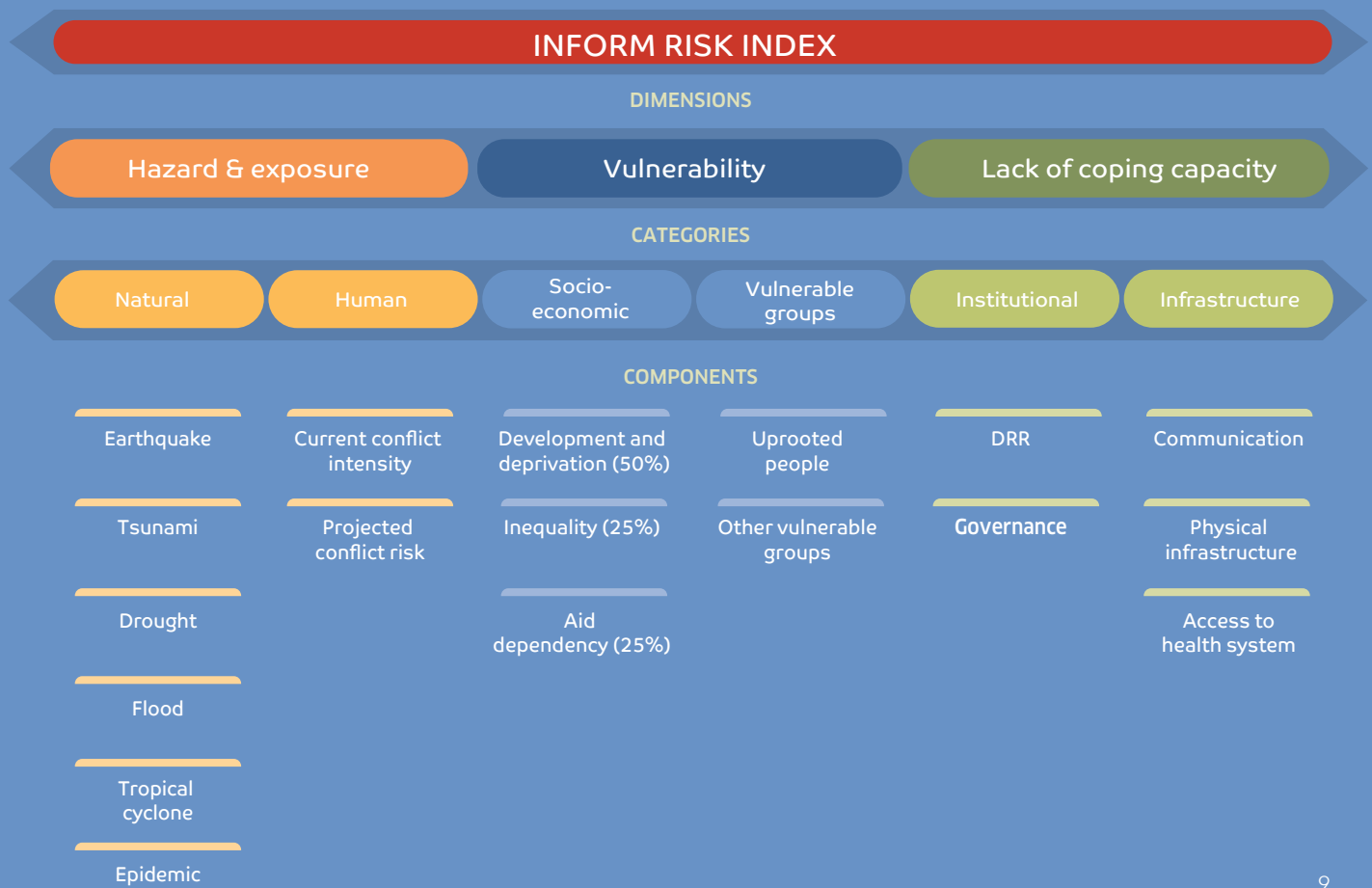
HOW IT WORKS



The INFORM Risk Index creates a risk profile for every country. Each has a rating between 0 and 10 for risk and all of its components, so its easy to compare.



Components of risk covered by the INFORM Risk Index



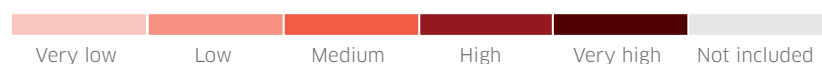
THE INFORM RISK INDEX MEASURES THE RISK OF HUMANITARIAN CRISIS AND DISASTERS IN 191 COUNTRIES

| COUNTRY | RISK | 3 YR TREND |
|----------------------------|------|---------------|
| ● Afghanistan | 8.0 | → |
| ● Albania | 3.0 | → |
| ● Algeria | 4.0 | ↘ |
| ● Angola | 5.2 | ↗ |
| ● Antigua and Barbuda | 2.3 | → |
| ● Argentina | 2.7 | → |
| ● Armenia | 3.6 | → |
| ● Australia | 2.3 | → |
| ● Austria | 1.6 | → |
| ● Azerbaijan | 4.6 | ↘ |
| ● Bahamas | 2.2 | → |
| ● Bahrain | 1.3 | → |
| ● Bangladesh | 6.0 | → |
| ● Barbados | 1.9 | → |
| ● Belarus | 1.9 | → |
| ● Belgium | 1.9 | → |
| ● Belize | 3.7 | → |
| ● Benin | 4.4 | → |
| ● Bhutan | 3.1 | → |
| ● Bolivia | 4.3 | → |
| ● Bosnia and Herzegovina | 3.6 | → |
| ● Botswana | 3.2 | → |
| ● Brazil | 4.3 | ↗ |
| ● Brunei Darussalam | 1.6 | → |
| ● Bulgaria | 2.4 | → |
| ● Burkina Faso | 5.3 | → |
| ● Burundi | 6.2 | ↘ |
| ● Cabo Verde | 2.6 | → |
| ● Cambodia | 4.8 | → |
| ● Cameroon | 6.0 | ↗ |
| ● Canada | 2.4 | → |
| ● Central African Republic | 8.6 | → |
| ● Chad | 7.3 | ↗ |
| ● Chile | 3.0 | → |
| ● China | 4.3 | → |
| ● Colombia | 5.4 | → |
| ● Comoros | 4.0 | → |

| COUNTRY | RISK | 3 YR TREND |
|----------------------|------|---------------|
| ● Congo | 5.5 | → |
| ● Congo DR | 7.0 | ↗ |
| ● Costa Rica | 3.0 | → |
| ● Côte d'Ivoire | 6.0 | → |
| ● Croatia | 2.1 | → |
| ● Cuba | 3.5 | ↗ |
| ● Cyprus | 3.0 | → |
| ● Czech Republic | 1.2 | → |
| ● Denmark | 1.1 | → |
| ● Djibouti | 5.2 | → |
| ● Dominica | 3.5 | → |
| ● Dominican Republic | 3.8 | → |
| ● Ecuador | 4.0 | → |
| ● Egypt | 5.1 | → |
| ● El Salvador | 4.0 | ↗ |
| ● Equatorial Guinea | 4.1 | → |
| ● Eritrea | 5.2 | ↘ |
| ● Estonia | 0.9 | → |
| ● Eswatini | 3.9 | → |
| ● Ethiopia | 6.9 | ↗ |
| ● Fiji | 2.9 | → |
| ● Finland | 0.6 | → |
| ● France | 2.3 | → |
| ● Gabon | 4.2 | → |
| ● Gambia | 4.2 | ↘ |
| ● Georgia | 3.9 | → |
| ● Germany | 2.0 | → |
| ● Ghana | 3.8 | → |
| ● Greece | 3.1 | → |
| ● Grenada | 1.8 | → |
| ● Guatemala | 5.7 | → |
| ● Guinea | 5.1 | → |
| ● Guinea-Bissau | 4.6 | → |
| ● Guyana | 3.4 | ↘ |
| ● Haiti | 6.6 | → |
| ● Honduras | 5.3 | → |
| ● Hungary | 1.9 | → |
| ● Iceland | 1.2 | → |
| ● India | 5.4 | ↘ |

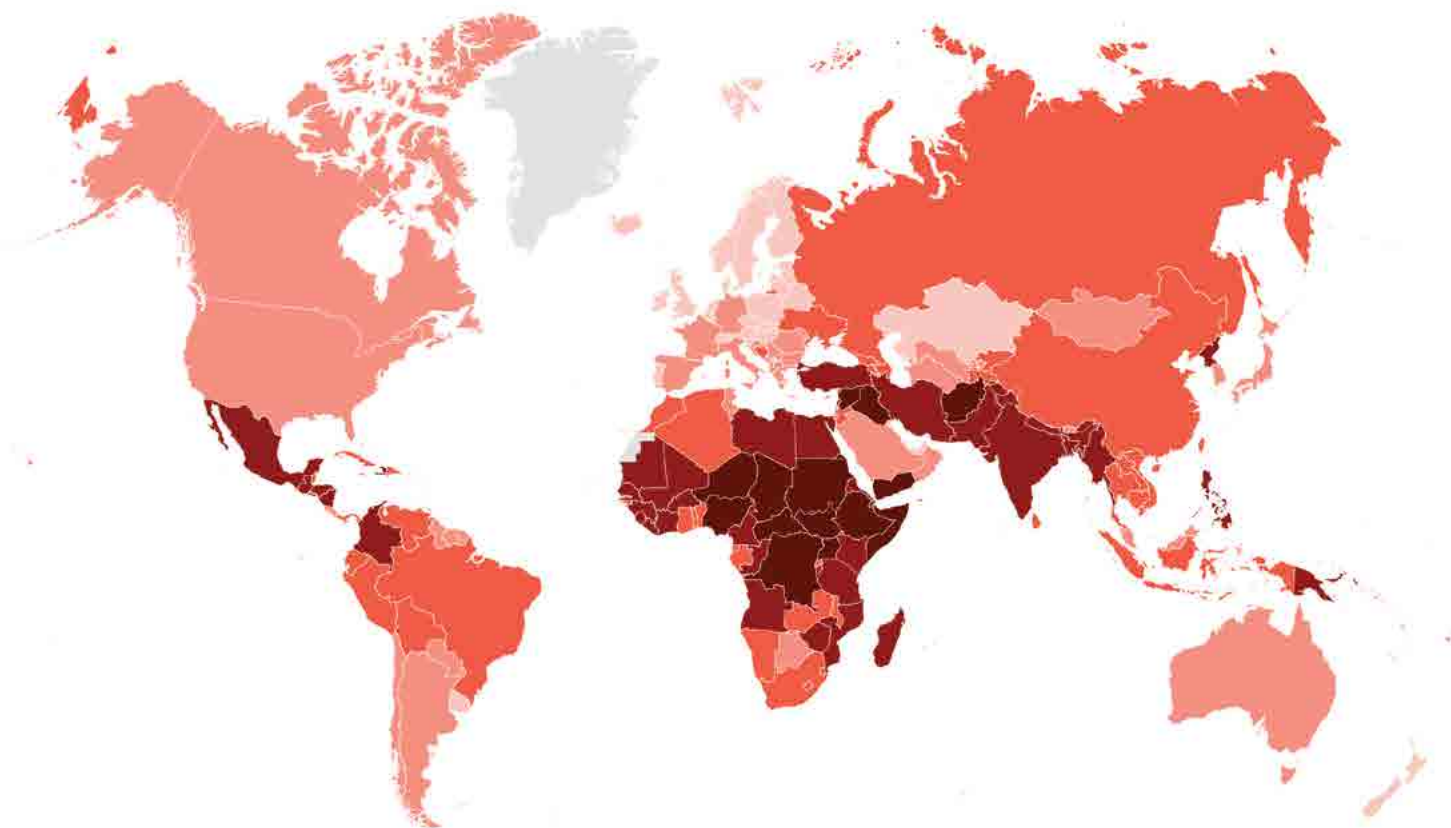
| COUNTRY | RISK | 3 YR TREND |
|-----------------------|------|---------------|
| ● Indonesia | 4.7 | → |
| ● Iran | 5.2 | → |
| ● Iraq | 7.0 | → |
| ● Ireland | 1.4 | → |
| ● Israel | 2.7 | ↘ |
| ● Italy | 2.6 | → |
| ● Jamaica | 3.1 | → |
| ● Japan | 2.3 | → |
| ● Jordan | 4.6 | → |
| ● Kazakhstan | 1.9 | → |
| ● Kenya | 6.0 | ↘ |
| ● Kiribati | 3.6 | → |
| ● Korea DPR | 5.2 | → |
| ● Korea Republic of | 2.1 | → |
| ● Kuwait | 1.8 | → |
| ● Kyrgyzstan | 3.9 | → |
| ● Lao PDR | 4.5 | → |
| ● Latvia | 1.5 | → |
| ● Lebanon | 5.2 | → |
| ● Lesotho | 4.2 | ↗ |
| ● Liberia | 5.3 | ↘ |
| ● Libya | 6.2 | → |
| ● Liechtenstein | 0.9 | → |
| ● Lithuania | 1.4 | → |
| ● Luxembourg | 0.9 | → |
| ● Madagascar | 5.2 | → |
| ● Malawi | 4.9 | → |
| ● Malaysia | 3.3 | → |
| ● Maldives | 2.4 | → |
| ● Mali | 6.4 | → |
| ● Malta | 1.9 | → |
| ● Marshall Islands | 3.7 | → |
| ● Mauritania | 5.7 | → |
| ● Mauritius | 2.0 | → |
| ● Mexico | 5.1 | → |
| ● Micronesia | 3.9 | → |
| ● Moldova Republic of | 3.0 | → |
| ● Mongolia | 2.8 | → |
| ● Montenegro | 2.2 | → |

INFORM RISK INDEX



KEY

→ Stable ↘ Decreasing risk
↗ Increasing risk



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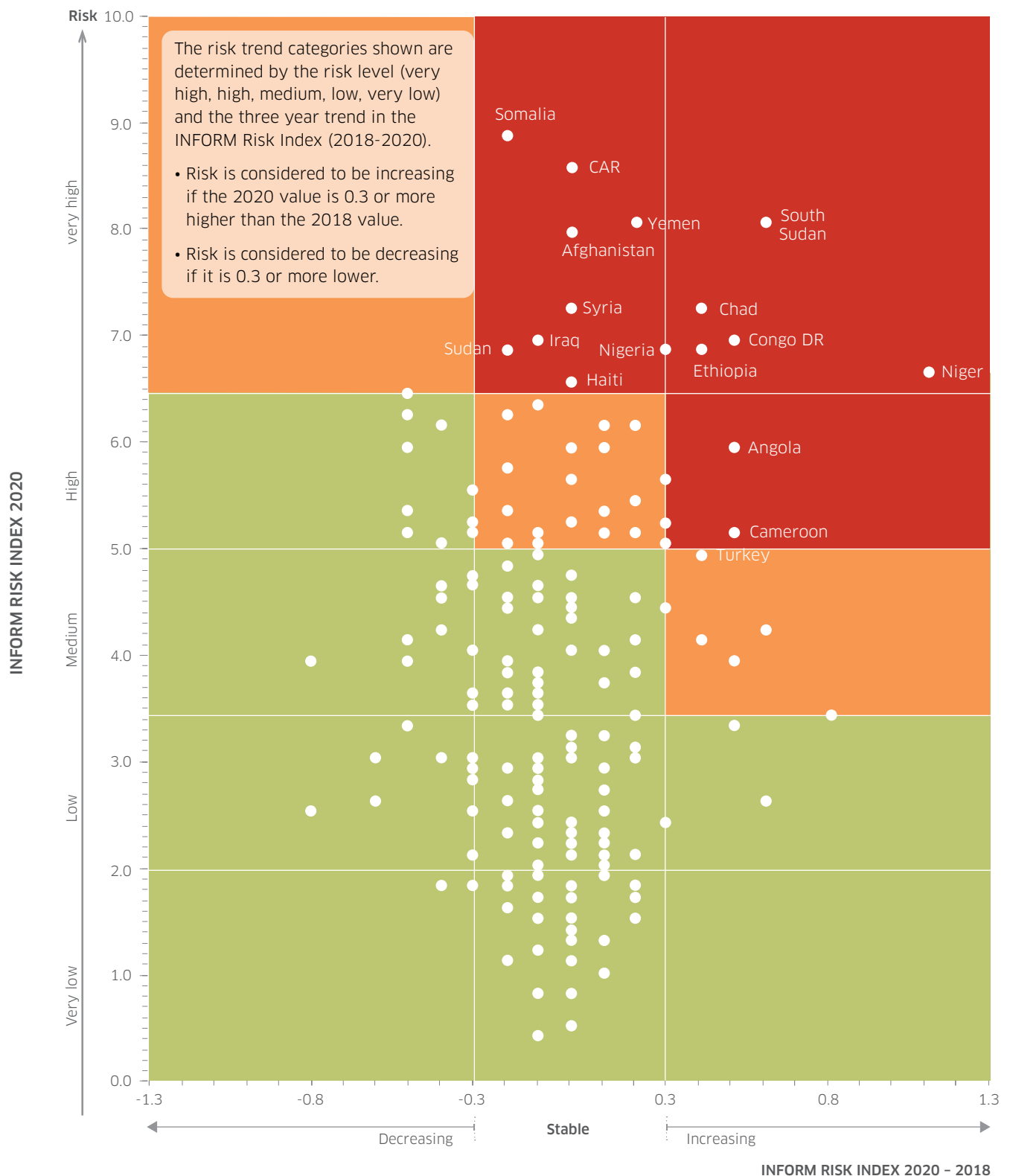
| COUNTRY | RISK | 3 YR TREND |
|--------------------|------|------------|
| ● Morocco | 4.1 | → |
| ● Mozambique | 6.2 | → |
| ● Myanmar | 6.3 | → |
| ● Namibia | 3.8 | → |
| ● Nauru | 3.3 | → |
| ● Nepal | 5.4 | ↘ |
| ● Netherlands | 1.4 | → |
| ● New Zealand | 1.6 | → |
| ● Nicaragua | 5.2 | → |
| ● Niger | 6.7 | ↗ |
| ● Nigeria | 6.9 | ↗ |
| ● North Macedonia | 2.6 | → |
| ● Norway | 0.9 | → |
| ● Oman | 2.5 | → |
| ● Pakistan | 6.3 | ↘ |
| ● Palau | 2.5 | → |
| ● Palestine | 5.1 | ↘ |
| ● Panama | 3.5 | → |
| ● Papua New Guinea | 5.8 | → |
| ● Paraguay | 3.3 | → |
| ● Peru | 4.6 | → |
| ● Philippines | 5.3 | → |
| ● Poland | 1.7 | → |
| ● Portugal | 1.6 | → |
| ● Qatar | 1.3 | → |
| ● Romania | 2.8 | → |

| COUNTRY | RISK | 3 YR TREND |
|------------------------------------|------|------------|
| ● Russian Federation | 4.0 | ↘ |
| ● Rwanda | 4.7 | ↘ |
| ● Saint Kitts and Nevis | 1.9 | ↘ |
| ● Saint Lucia | 2.2 | → |
| ● Saint Vincent and the Grenadines | 2.0 | → |
| ● Samoa | 2.9 | → |
| ● Sao Tome and Principe | 2.5 | → |
| ● Saudi Arabia | 2.5 | → |
| ● Senegal | 5.0 | → |
| ● Serbia | 3.1 | ↘ |
| ● Seychelles | 2.0 | → |
| ● Sierra Leone | 5.4 | → |
| ● Singapore | 0.5 | → |
| ● Slovakia | 1.6 | → |
| ● Slovenia | 1.2 | → |
| ● Solomon Islands | 4.7 | ↘ |
| ● Somalia | 8.9 | → |
| ● South Africa | 4.8 | → |
| ● South Sudan | 8.1 | ↗ |
| ● Spain | 2.2 | → |
| ● Sri Lanka | 3.7 | → |
| ● Sudan | 6.9 | → |
| ● Suriname | 3.1 | → |
| ● Sweden | 1.5 | → |
| ● Switzerland | 1.4 | → |

| COUNTRY | RISK | 3 YR TREND |
|----------------------------|------|------------|
| ● Syria | 7.3 | → |
| ● Tajikistan | 4.5 | → |
| ● Tanzania | 5.6 | ↘ |
| ● Thailand | 4.1 | → |
| ● Timor-Leste | 4.5 | → |
| ● Togo | 4.6 | → |
| ● Tonga | 3.9 | → |
| ● Trinidad and Tobago | 2.7 | ↗ |
| ● Tunisia | 3.2 | → |
| ● Turkey | 5.0 | ↗ |
| ● Turkmenistan | 2.6 | ↘ |
| ● Tuvalu | 3.1 | ↘ |
| ● Uganda | 6.5 | ↘ |
| ● Ukraine | 4.7 | ↘ |
| ● United Arab Emirates | 1.9 | → |
| ● United Kingdom | 1.8 | → |
| ● United States of America | 3.4 | ↗ |
| ● Uruguay | 1.8 | → |
| ● Uzbekistan | 3.1 | → |
| ● Vanuatu | 4.1 | ↘ |
| ● Venezuela | 4.6 | → |
| ● Viet Nam | 3.8 | → |
| ● Yemen | 8.1 | → |
| ● Zambia | 4.3 | ↘ |
| ● Zimbabwe | 5.1 | ↘ |

PRIORITISING USING RISK LEVEL AND TRENDS

The INFORM Risk Index can be used to group countries based on their current level of risk and the trend over previous years. For example, large increases in countries already with high levels of risk could be used to prioritise them for increased crisis and disaster prevention, preparedness and response.



| | | |
|--|--|---|
| | | |
| Very high and decreasing | Very high and stable | Very high and increasing |
| Uganda | Afghanistan Central African Republic Haiti Iraq Somalia Sudan Syria Yemen | Chad Congo DR Ethiopia Niger Nigeria South Sudan |
| High and decreasing | High and stable | High and increasing |
| Burundi Eritrea India Kenya Liberia Nepal Pakistan Palestine Tanzania Zimbabwe | Bangladesh Burkina Faso Colombia Congo Croatia Djibouti Egypt Guatemala Guinea Honduras Iran Korea DPR Lebanon Libya Madagascar Mali Mauritania Mexico Mozambique Myanmar Nicaragua Papua New Guinea Philippines Senegal Sierra Leone | Angola Cameroon Turkey |
| Medium and decreasing | Medium and stable | Medium and increasing |
| Algeria Azerbaijan Gambia Russian Federation Rwanda Solomon Islands Ukraine Vanuatu Zambia | Armenia Belize Benin Bolivia Bosnia and Herzegovina Cambodia China Comoros Dominica Dominican Republic Ecuador Equatorial Guinea Eswatini Gabon Dominican Republic Ecuador Equatorial Guinea Eswatini Gabon Georgia Ghana Guinea-Bissau Indonesia Jordan Kiribati Kyrgyzstan Lao PDR Malawi Marshall Islands Micronesia Morocco Namibia Panama Peru South Africa Sri Lanka Tajikistan Thailand Timor-Leste Togo Tonga Venezuela Viet Nam | Brazil Cuba El Salvador Lesotho |

NEW EPIDEMIC COMPONENT IN THE INFORM RISK INDEX

To make the INFORM Risk Index more comprehensive, the Joint Research Center (JRC) of the European Commission has added an epidemic component (infectious disease outbreaks) to the natural hazard category.¹

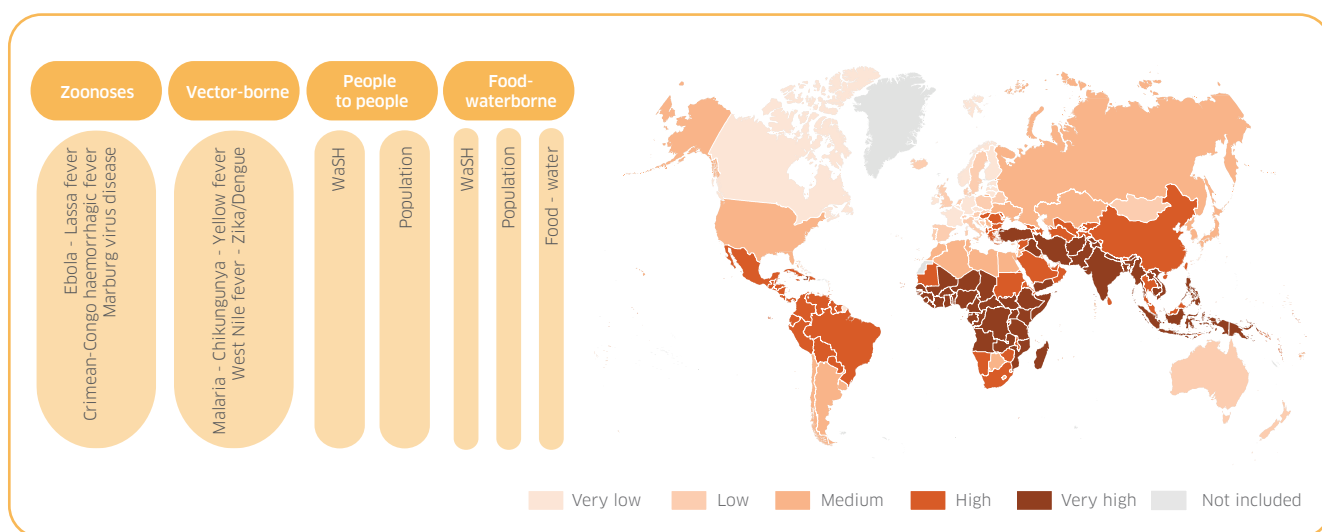
Although biological hazards are a significant source of risk that can lead to a humanitarian crisis, they have not previously been included in the INFORM risk model. Increasing awareness of health crises, as well as the emphasis on health in the Sendai Framework for Disaster Risk Reduction 2015-2030, led INFORM partners to make this development.

Starting from the conceptual framework of the Epidemic Risk Index (ERI), developed jointly with the World Health

Organisation (WHO), the JRC developed an epidemic-specific component and integrated this into the existing natural hazard category.

For the first time, this enables the risk assessment for all types of epidemics in a single framework, and also provides the contextual information on exposure, vulnerability and coping capacity required for rapid risk assessment for public health. This enhances further the INFORM Risk Index as a multi-dimensional risk assessment tool that is globally applicable to all types of risks.

Analytical framework and results for the new epidemic component of the INFORM Risk Index



¹ Poljansek, K., Marin Ferrer, M., Vernaccini, L. and Messina, L. 2018. 'Incorporating epidemics risk in the INFORM Global Risk Index', EUR 29603 EN. www.doi.org/10.2760/990429

ALIGNING INFORM RISK WITH THE SDGS AND SENDAI FRAMEWORK

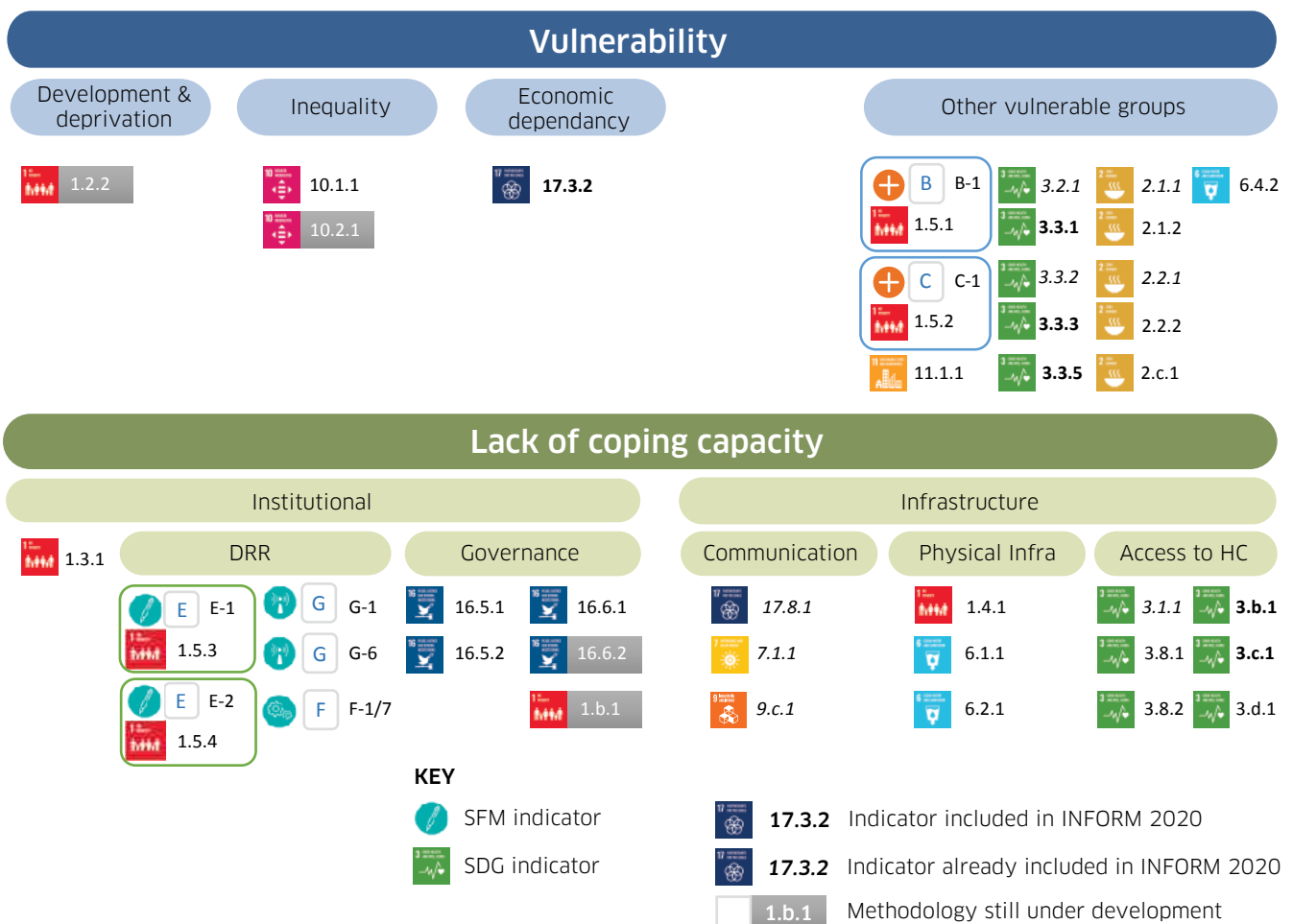
The Sustainable Development Goals (SDGs) and Sendai Framework Monitor (SFM) provide a unique set of reliable, consistent, and comparable indicators for understanding disaster risk drivers and underlying risk factors. These global monitoring frameworks aim to collect a massive amount of data on hazards, vulnerability and coping capacity, including important new indicators for poorly represented areas. This creates a unique opportunity to enhance the quality and coverage of the indicators used in the INFORM Risk Index.²

Supported by the European Commission's department for European Civil Protection and Humanitarian Aid Operations (DG ECHO), the JRC has reviewed the new indicators from these processes, to assess if and how these can be used in the INFORM Risk Index.

Seven indicators were considered ready to be included in future releases of the INFORM Risk Index. Many data gaps remain, as the collection processes get up and running, but eventually more relevant indicators will become available. Specifically, SFM indicators will help improve the assessment of coping capacity in the INFORM Risk model.

INFORM can also provide many contributions to the post-2015 global frameworks. The INFORM Risk Index can be used as a tool to assess and monitor the progress towards risk reduction of the Sendai Framework and SDGs. Application of the INFORM Risk methodology at national scale (INFORM Subnational) contributes to Global Targets E ("national and local disaster risk reduction strategies") and G ("increased availability of and access to disaster risk information") of the Sendai Framework.

Mapping of Sustainable Development Goal and Sendai Framework indicators against the INFORM Analytical Framework



² Poljansek, K., Marin Ferrer, M., Vernaccini, L., Marzi, S. and Messina, L. 2019. 'Review of the Sendai Framework Monitor and Sustainable Development Goals indicators for their inclusion into INFORM Global Risk Index,' EUR 29753 EN. www.doi.org/10.2760/54937

PROJECTING EFFECTS OF CLIMATE CHANGE ON THE INFORM RISK INDEX

Researchers at the Euro-Mediterranean Center on Climate Change are collaborating with JRC to try to understand how the INFORM Risk Index would be affected by the impacts of climate change.³ The purpose is to look into how climate change-amplified hazards and development pathways may change the performance of countries on the INFORM Risk Index. This is part of a larger project to try to determine how climate change and variability may undermine development, stability and resilience of countries.

The research is focused on adding projections to existing INFORM Risk Index indicators and/or exploring ways of replacing existing indicators with ones that can be projected. The study considers a time horizon to the 2050s and uses high-emissions scenarios and high-challenge shared socioeconomic pathways.

It attempts to model three main effects of climate change on the INFORM Risk Index, of which the first two are presented here:

1. The change in exposure due to amplified climate related hazards - by adding projections of climate-related hazards
2. The change in risk due to amplified hazard and exposure - by adding projections of future development by 2050
3. The change in vulnerability and coping capacity required to reduce risk to an acceptable level - by setting a future level of acceptable risk in the model.

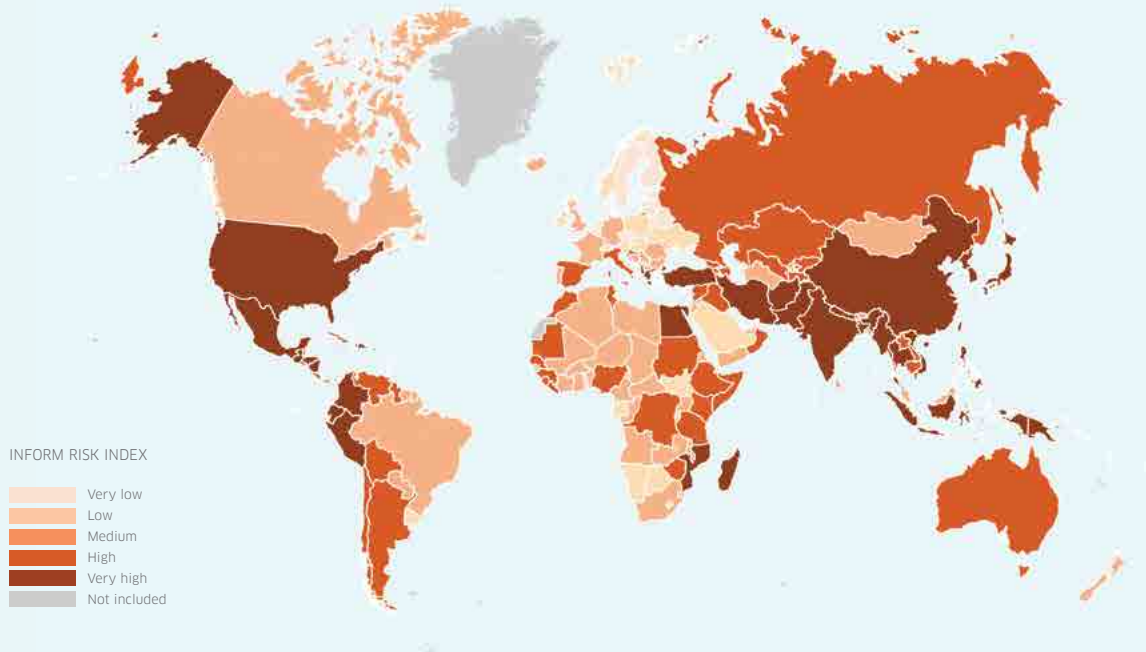
| Climate-related hazards in INFORM Risk Index | | Projected climate-related hazards | |
|--|--|-----------------------------------|--|
| Floods | GAR2015 - annual expected population exposed | Floods | JRC LISFLOOD RCP 8.5 - potential population affected by river floods per year and per country |
| Storm surge | GAR2015 - annual expected population exposed | Coastal floods | JRC LISCoAsT RCP 8.5 - annual expected population exposed |
| Droughts | Probability of droughts (ASI from FAO) and population affected (EMDAT) | Droughts | Extreme climate indices related to droughts (SPI, SPEI) based on the CMIP5 simulations for RCP 8.5 |

Preliminary results of the project show that the extension of the INFORM Risk Index to capture future impacts of climate change can be extremely useful for understanding the challenges and risk trajectories of countries and guiding long term adaptation and assistance priorities. However, a number of challenges remain. For example, some climate change-amplified hazards, such as tropical cyclones, are difficult to model and vulnerability (and its components such as coping/adaptive capacity) is addressed by proxies that are difficult to project.

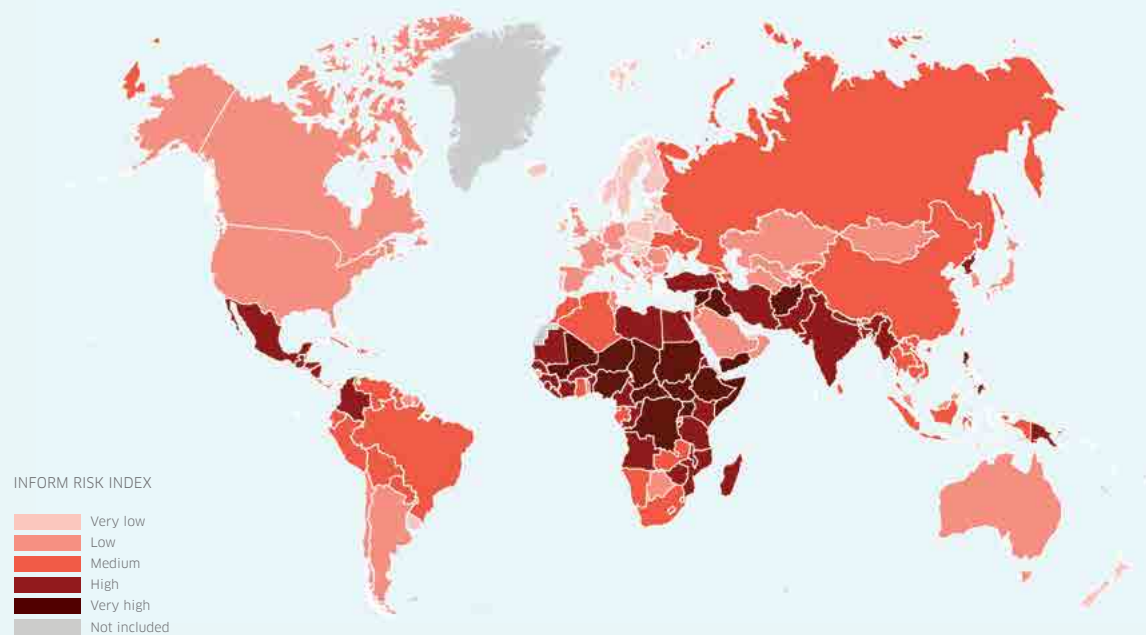
Work on this project will continue and INFORM partners will consider developing a product based on the final results.

³ S Marzi, J Mysiak, A Essenfelder. Fondazione Centro Euro-Mediterraneo sui Cambiamenti Climatici. <https://www.cmcc.it/>. The research contributes to RECEIPT (Remote Climate Effects and their Impact on European Sustainability, Policy and Trade) and is funded by Grant Agreement ID: 820712.

Preliminary results showing the effect of climate change on the Natural Hazard dimension of the INFORM Risk Index by 2050s.



Preliminary results showing the effect of climate change on the INFORM Risk Index by 2050s, therefore including current levels of vulnerability and coping capacity.



The depiction and use of boundaries are not warranted to be error free nor do they necessarily imply official endorsement or acceptance by the United Nations and European Union.

RISK

SEVERITY

WARNING



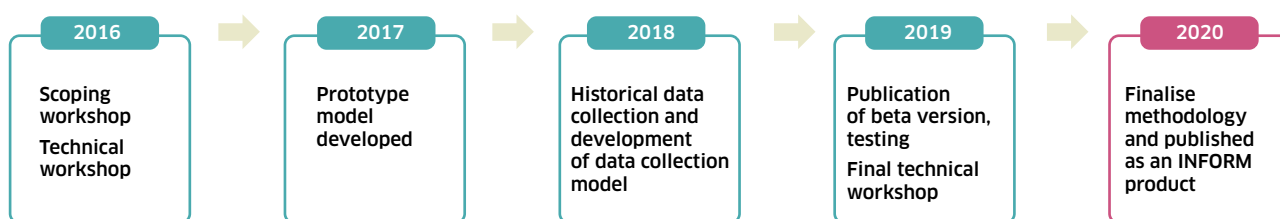
INFORM **SEVERITY**



INFORM SEVERITY INDEX

The INFORM Severity Index is an improved way to objectively measure the severity of humanitarian crises globally. It can help us develop a shared understanding of crisis severity and ensure all those affected get the help they need.

Since 2016, INFORM has been developing an improved method for quantitatively measuring crisis severity. The INFORM Severity Index has been released in beta during 2019 and will be launched in 2020. This section of the report provides an overview of the beta version of the Severity Index.



Objectives of the INFORM Severity Index

The objective of the Severity Index is to measure the severity of humanitarian crises globally (i.e. between rather than within crises) and on an ongoing and regular basis. It seeks to communicate the current status of crises in a systematic and comparable way.

A good crisis severity model can:

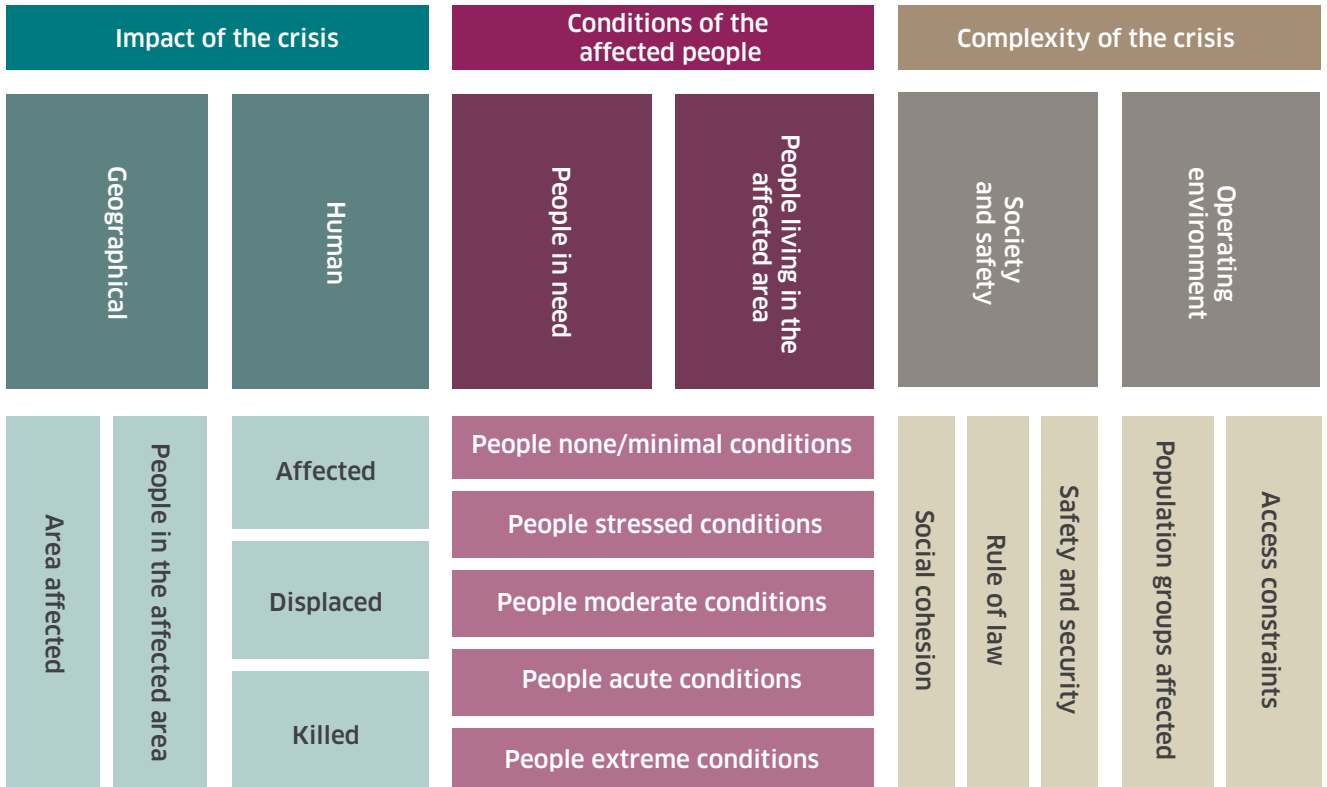
- Inform a shared and objective understanding of crisis severity
- Contribute to decisions on the allocation of resources in a way that is proportionate with crisis severity
- Justify and advocate for action, especially in the case of forgotten or unrecognised crises, and
- Monitor trends in crisis severity over time.

Measuring severity

The INFORM Severity Index is a composite indicator, which brings together around 30 indicators about the specific crisis or the affected country, which directly or indirectly measure the components of in the analytical framework. The data comes from a variety of reliable sources, including international organisations, research centres, and media analysis.

All the indicators are categorised on a scale of 0-5, where 5 represents a higher contribution to overall severity. This categorisation is based on thresholds developed through assessment of past crises and expert opinion. These scores are then aggregated into components, dimensions and the overall severity index based on the analytical framework, and using a combination of arithmetic and geometric average. Indicators often have a relative and absolute component. This is intended to recognise that the relative size of a crisis in comparison to the size of the country is an important consideration in severity.

CRISIS SEVERITY INDEX



What will the INFORM SEVERITY INDEX do?

Inform a shared and objective understanding of crisis severity globally to help ensure all people affected receive appropriate assistance



Contribute to decisions on the allocation of resources in a way that is proportionate with crisis severity so that resources are used most effectively



Justify and advocate for action for people affected by crises, especially forgotten or unrecognised crises



Monitor trends in crisis severity over time to promote sustainable solutions and understand the effectiveness of the response

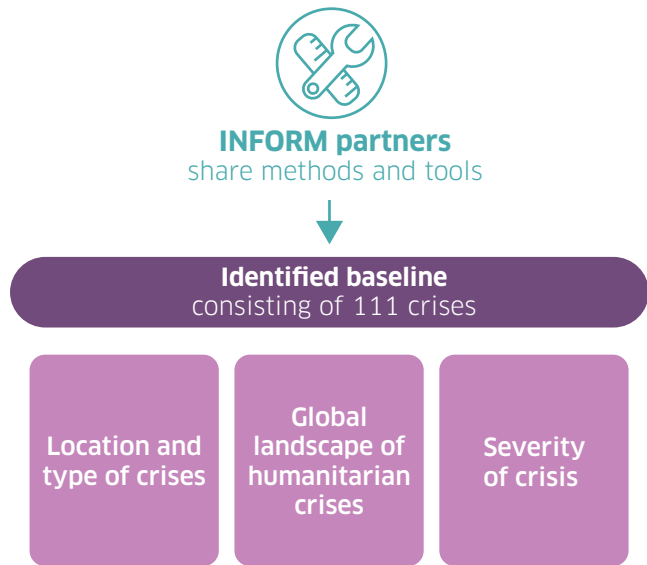


BETA TESTING THE INFORM SEVERITY INDEX

During 2019 the beta version of the INFORM Severity Index was made publically available through monthly releases. The purpose of the beta testing phase was to gather feedback that could inform improvements to the data collection and methodology in advance of the final release. The testing tried to understand how the Severity Index captured the following features. (See graphic, right).

In order to answer these questions, we needed to identify a reliable baseline with which to compare the results of the Severity Index. This was challenging, since there is not currently a single public data source that measures the severity of humanitarian crises in a comparable way.

To build a baseline, we asked INFORM partners to share their current methods and tools for measuring crisis severity. These were screened and normalised to produce a baseline that could be used to test the Severity Index. The baseline consisted of 111 crises.



Global landscape of humanitarian crisis

We compared the cumulative total number of crises identified by the Severity Index for the period January to June 2019 and the cumulative total number of crises identified by the baseline. The Severity Index identified 130 crises while the baseline identified 111 crises, with three crises apparently not captured by Index.

Comparison of crises captured by the Severity Index with baseline dataset





**Match between Severity Index and baseline in crisis type.
Less easily categorised crises are less well matched.**

Location and type of crisis

The locations of crises captured by the baseline and the Severity Index were overlaid. There was a very good geographic match. Two of the three crises not captured by the Severity Index could be explained. Papua New Guinea was included in the watch list for the Severity Index but had not met the inclusion criteria and Serbia was included in a regional crisis. These findings will help us adjust the watch list and inclusion criteria.

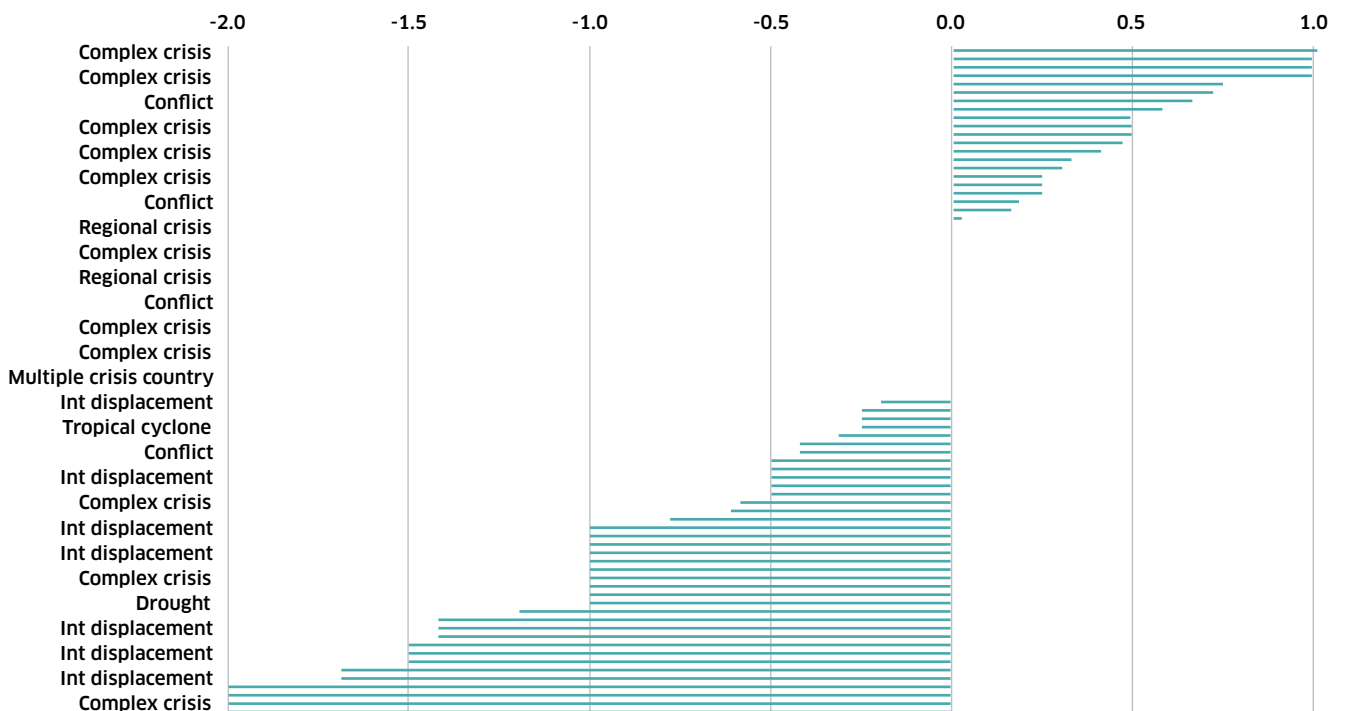
On crisis type, the Severity Index showed a good match with the baseline for most types of crisis, with more variability for crises identified as refugee/migration, complex, political/economic and international displacement. This represents the difficulty in categorising these types of crisis and the different taxonomies used by INFORM partners.

Severity of crisis

We compared the results of the Severity Index with normalised severity values from the baseline. Although this has limitations - mainly because of the different organisations use different methodologies - it is useful for assessing the Severity Index.

For the 55 crises used, the match between the Severity Index and the baseline was within one point for the majority of crises. Certain types of crises, particularly displacement crises, show more variability. These will be addressed specifically in the next phase of development.

Comparison of the Severity Index with severity scores generated from the baseline for different types of crisis



INFORM SEVERITY INDEX BETA RESULTS: NOVEMBER 2019

The below table shows results of the INFORM Severity Index (beta version) for November 2019. The results show the dimensions of the Index, each rated on a scale of 0-5, where 0 represents the lowest contribution to severity and 5 the highest. The overall level of severity is categorised into

five levels, from low to very high. It is very important to note that crises of all levels will include some people at the highest levels of severity. Complete results are available on the INFORM website.

| CRISIS | COUNTRY | TYPE OF CRISIS | SEVERITY INDEX | CRISIS SEVERITY CATEGORY |
|------------------------------------|---------------------|----------------------------|----------------|--------------------------|
| Complex crisis in Afghanistan | Afghanistan | Complex crisis | 4.2 | Very High |
| Sahrawi refugees in Algeria | Algeria | International displacement | 1.8 | Low |
| Hurricane Dorian in Bahamas | Bahamas | Tropical cyclone | 1.8 | Low |
| Rohingya refugee crisis | Bangladesh | International displacement | 2.7 | Medium |
| Rohingya Regional Crisis | Bangladesh, Myanmar | Regional crisis | 3.4 | High |
| Venezuela displacement in Brazil | Brazil | International displacement | 1.8 | Low |
| Conflict in Burkina Faso | Burkina Faso | Conflict | 2.8 | Medium |
| Complex in Burundi | Burundi | Complex crisis | 3.5 | High |
| Multiple crises in Cameroon | Cameroon | Multiple crises country | 3.8 | High |
| Anglophone Crisis in Cameroon | Cameroon | Conflict | 3.4 | High |
| Boko Haram in Cameroon | Cameroon | Conflict | 3.3 | High |
| CAR refugees in Cameroon | Cameroon | International displacement | 2.2 | Medium |
| Complex crisis in CAR | CAR | Complex crisis | 3.6 | High |
| Complex crisis in Chad | Chad | Multiple crises country | 3.9 | High |
| Boko Haram in Chad | Chad | Conflict | 3.0 | Medium |
| CAR refugees in Chad | Chad | International displacement | 2.9 | Medium |
| Darfur refugees in Chad | Chad | International displacement | 2.9 | Medium |
| Floods in Chad | Chad | Flood | 2.3 | Medium |
| Complex crisis in Colombia | Colombia | Complex crisis | 3.5 | High |
| Venezuela displacement in Colombia | Colombia | International displacement | 2.5 | Medium |
| Pool conflict | Congo | Conflict | 1.9 | Low |
| Nicaraguan refugees in Costa Rica | Costa Rica | International displacement | 1.3 | Low |
| Drought in Djibouti | Djibouti | Drought | 2.4 | Medium |
| Mixed migration in Djibouti | Djibouti | International displacement | 1.4 | Low |
| Complex crisis in DPRK | DPRK | Complex crisis | 4.1 | Very High |
| Complex crisis in DRC | DRC | Complex crisis | 4.2 | Very High |
| Venezuela displacement in Ecuador | Ecuador | International displacement | 2.0 | Low |
| Syrian Refugee Crisis in Egypt | Egypt | International displacement | 1.4 | Low |
| Complex crisis in El Salvador | El Salvador | Complex crisis | 2.1 | Medium |
| Complex crisis in Eritrea | Eritrea | Complex crisis | 3.5 | High |
| Complex crisis in Ethiopia | Ethiopia | Complex crisis | 3.3 | High |
| Mixed migration flows in Greece | Greece | International displacement | 1.7 | Low |
| Complex crisis in Guatemala | Guatemala | Complex crisis | 3.3 | High |

| | IMPACT OF THE CRISIS | Geographical impact | | Human impact | HUMANITARIAN CONDITIONS | People in need | Current humanitarian conditions | COMPLEXITY OF THE CRISIS | Society and safety | Humanitarian access | Operating environment |
|--|----------------------|---------------------|-----|--------------|-------------------------|----------------|---------------------------------|--------------------------|--------------------|---------------------|-----------------------|
| | 4.8 | 4.8 | 4.8 | 4.8 | 4.0 | 4.0 | 4.0 | 4.2 | 3.9 | 4.0 | 4.5 |
| | 1.1 | 1.8 | 0.8 | 0.8 | 2.0 | 1.0 | 3.0 | 1.9 | 2.7 | 1.0 | 1.0 |
| | 2.1 | 2.3 | 2.0 | 2.0 | 1.5 | 1.0 | 2.0 | 2.1 | 1.0 | 2.0 | 3.0 |
| | 2.1 | 1.0 | 2.6 | 2.6 | 3.0 | 2.0 | 4.0 | 2.7 | 2.4 | 3.0 | 3.0 |
| | 2.9 | 2.3 | 3.2 | 3.2 | 3.5 | 3.0 | 4.0 | 3.5 | 3.0 | 4.0 | 4.0 |
| | 1.6 | 1.8 | 1.5 | 1.5 | 2.0 | 1.0 | 3.0 | 1.5 | 2.0 | 0.0 | 1.0 |
| | 3.3 | 3.5 | 3.2 | 3.2 | 2.5 | 2.0 | 3.0 | 2.8 | 2.6 | 2.0 | 3.0 |
| | 3.6 | 3.8 | 3.5 | 3.5 | 3.5 | 3.0 | 4.0 | 3.5 | 2.9 | 3.0 | 4.0 |
| | 3.2 | 3.8 | 3.0 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 3.5 | 4.0 | 4.5 |
| | 2.9 | 2.8 | 3.0 | 3.0 | 3.5 | 3.0 | 4.0 | 3.5 | 3.5 | 3.0 | 3.5 |
| | 2.5 | 2.0 | 2.7 | 2.7 | 3.5 | 3.0 | 4.0 | 3.5 | 3.5 | 2.0 | 3.5 |
| | 1.6 | 2.8 | 1.1 | 1.1 | 2.0 | 1.0 | 3.0 | 2.8 | 3.5 | 1.0 | 2.0 |
| | 3.8 | 4.0 | 3.7 | 3.7 | 3.5 | 3.0 | 4.0 | 3.5 | 3.5 | 3.0 | 3.5 |
| | 3.5 | 4.8 | 3.0 | 3.0 | 4.0 | 4.0 | 4.0 | 3.9 | 3.7 | 3.0 | 4.0 |
| | 1.7 | 1.0 | 2.0 | 2.0 | 3.0 | 2.0 | 4.0 | 3.9 | 3.7 | 3.0 | 4.0 |
| | 2.2 | 2.5 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.1 | 3.7 | 2.0 | 2.5 |
| | 2.5 | 2.5 | 2.5 | 2.5 | 3.0 | 2.0 | 4.0 | 2.9 | 3.7 | 2.0 | 2.0 |
| | 1.6 | 3.0 | 1.0 | 1.0 | 2.0 | 1.0 | 3.0 | 3.4 | 3.7 | 3.0 | 3.0 |
| | 3.6 | 5.0 | 3.0 | 3.0 | 3.5 | 4.0 | 3.0 | 3.5 | 2.9 | 3.0 | 4.0 |
| | 3.0 | 3.1 | 3.0 | 3.0 | 2.0 | 3.0 | 1.0 | 3.0 | 2.9 | 3.0 | 3.0 |
| | 1.6 | 1.8 | 1.5 | 1.5 | 1.5 | 1.0 | 2.0 | 2.7 | 2.9 | 1.0 | 2.5 |
| | 1.3 | 1.8 | 1.1 | 1.1 | 1.5 | 1.0 | 2.0 | 0.9 | 0.8 | 0.0 | 1.0 |
| | 1.6 | 3.0 | 1.0 | 1.0 | 2.5 | 1.0 | 4.0 | 2.6 | 2.1 | 1.0 | 3.0 |
| | 2.0 | 3.0 | 1.5 | 1.5 | 1.0 | 1.0 | 1.0 | 1.8 | 2.1 | 1.0 | 1.5 |
| | 4.7 | 4.0 | 5.0 | 5.0 | 4.5 | 5.0 | 4.0 | 2.9 | 3.3 | 4.0 | 2.5 |
| | 4.4 | 5.0 | 4.2 | 4.2 | 4.0 | 5.0 | 3.0 | 4.3 | 4.0 | 4.0 | 4.5 |
| | 1.9 | 1.5 | 2.0 | 2.0 | 2.0 | 1.0 | 3.0 | 2.0 | 2.4 | 1.0 | 1.5 |
| | 1.2 | 2.1 | 0.8 | 0.8 | 1.0 | 1.0 | 1.0 | 2.3 | 2.5 | 2.0 | 2.0 |
| | 2.9 | 3.5 | 2.6 | 2.6 | 1.5 | 1.0 | 2.0 | 2.6 | 2.7 | 2.0 | 2.5 |
| | 3.9 | 3.5 | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 4.2 | 3.4 | 5.0 | 5.0 |
| | 3.7 | 5.0 | 3.2 | 3.2 | 3.0 | 5.0 | 1.0 | 3.4 | 3.2 | 3.0 | 3.5 |
| | 1.1 | 1.3 | 1.0 | 1.0 | 2.0 | 1.0 | 3.0 | 1.6 | 1.7 | 1.0 | 1.5 |
| | 3.3 | 4.0 | 3.0 | 3.0 | 3.5 | 4.0 | 3.0 | 2.8 | 3.1 | 2.0 | 2.5 |

| CRISIS | COUNTRY | TYPE OF CRISIS | SEVERITY INDEX | CRISIS SEVERITY CATEGORY |
|---|--------------------------------|----------------------------|-----------------------|---------------------------------|
| Complex crisis in Haiti | Haiti | Complex crisis | 3.2 | High |
| Complex crisis in Honduras | Honduras | Complex crisis | 2.0 | Low |
| Complex Crisis in Indonesia | Indonesia | Complex crisis | 1.9 | Low |
| Papua Conflict | Indonesia | Conflict | 1.9 | Low |
| Sunda Strait Tsunami | Indonesia | Tsunami | 1.3 | Low |
| Multiple crises in Iraq | Iraq | Multiple crises country | 4.0 | High |
| Conflict in Iraq | Iraq | Conflict | 3.9 | High |
| Syrian and Palestinian refugees in Iraq | Iraq | International displacement | 2.5 | Medium |
| Syrian refugees in Jordan | Jordan | International displacement | 2.2 | Medium |
| Multiple crisis in Kenya | Kenya | Multiple crises country | 3.1 | High |
| Drought in Kenya | Kenya | Drought | 3.1 | High |
| Refugee situation in Kenya | Kenya | International displacement | 2.2 | Medium |
| Syrian refugees in Lebanon | Lebanon | International displacement | 2.5 | Medium |
| Drought in Lesotho | Lesotho | Drought | 1.9 | Low |
| Complex crisis in Libya | Libya | Multiple crises country | 3.8 | High |
| Mixed migration flows in Libya | Libya | International displacement | 2.5 | Medium |
| Drought in Madagascar | Madagascar | Drought | 2.3 | Medium |
| Complex crisis in Malawi | Malawi | Complex crisis | 2.2 | Medium |
| Complex crisis in Mali | Mali | Complex crisis | 3.6 | High |
| Drought in Mauritania | Mauritania | Drought | 2.5 | Medium |
| Refugees from Mali in Mauritania | Mauritania | International displacement | 1.9 | Low |
| Complex crisis in Mozambique | Mozambique | Complex crisis | 3.1 | High |
| Rakhine Conflict | Myanmar | Conflict | 3.1 | High |
| Multiple crises in Myanmar | Myanmar | Multiple crises country | 2.9 | Medium |
| Kachin and Shan Conflict | Myanmar | Conflict | 2.3 | Medium |
| Multiple crises in Niger | Niger | Multiple crises country | 3.2 | High |
| Boko Haram in Niger | Niger | Conflict | 2.9 | Medium |
| Mali/Burkina Faso conflict | Niger | Conflict | 2.7 | Medium |
| Complex crisis in Nigeria | Nigeria | Complex crisis | 3.8 | High |
| Boko Haram crisis in Nigeria | Nigeria | Conflict | 3.8 | High |
| Regional Boko Haram Crisis | Nigeria, Niger, Chad, Cameroon | Regional crisis | 4.1 | Very High |
| Complex crisis in Pakistan | Pakistan | Complex crisis | 3.4 | High |
| Conflict in Palestine | Palestine | Conflict | 3.4 | High |
| Venezuela displacement in Peru | Peru | International displacement | 1.8 | Low |
| Mindanao conflict | Philippines | Conflict | 1.7 | Low |
| Burundi and DRC refugees in Rwanda | Rwanda | International displacement | 1.6 | Low |
| Drought in Senegal | Senegal | Drought | 1.8 | Low |
| Complex crisis in Somalia | Somalia | Complex crisis | 3.7 | High |
| Floods in Somalia | Somalia | Flood | 2.7 | Medium |
| Mixed Migration Flows in Somalia | Somalia | International displacement | 1.9 | Low |
| Complex crisis in South Sudan | South Sudan | Complex crisis | 4.0 | High |
| Floods in South Sudan | South Sudan | Flood | 2.9 | Medium |

| | IMPACT OF THE CRISIS | Geographical impact | Human impact | HUMANITARIAN CONDITIONS | People in need | Current humanitarian conditions | COMPLEXITY OF THE CRISIS | Society and safety | Humanitarian access | Operating environment |
|--|----------------------|---------------------|--------------|-------------------------|----------------|---------------------------------|--------------------------|--------------------|---------------------|-----------------------|
| | 2.4 | 3.8 | 1.8 | 4.0 | 4.0 | 4.0 | 2.4 | 2.7 | 2.0 | 2.0 |
| | 3.6 | 3.8 | 3.5 | 1.0 | 1.0 | 1.0 | 2.7 | 2.9 | 2.0 | 2.5 |
| | 1.5 | 2.5 | 1.0 | 1.5 | 1.0 | 2.0 | 2.7 | 2.3 | 2.0 | 3.0 |
| | 1.6 | 2.3 | 1.3 | 1.5 | 1.0 | 2.0 | 2.7 | 2.3 | 2.0 | 3.0 |
| | 1.0 | 1.3 | 0.8 | 1.0 | 1.0 | 1.0 | 1.9 | 2.3 | 1.0 | 1.5 |
| | 4.1 | 3.5 | 4.3 | 4.0 | 4.0 | 4.0 | 3.8 | 3.5 | 3.0 | 4.0 |
| | 4.0 | 3.5 | 4.2 | 4.0 | 4.0 | 4.0 | 3.8 | 3.5 | 3.0 | 4.0 |
| | 2.1 | 2.0 | 2.2 | 2.0 | 1.0 | 3.0 | 3.5 | 3.5 | 2.0 | 3.5 |
| | 2.3 | 3.3 | 1.8 | 2.5 | 2.0 | 3.0 | 1.7 | 2.3 | 0.0 | 1.0 |
| | 3.1 | 4.8 | 2.3 | 3.5 | 4.0 | 3.0 | 2.5 | 2.9 | 1.0 | 2.0 |
| | 3.2 | 4.8 | 2.5 | 3.5 | 4.0 | 3.0 | 2.2 | 2.9 | 0.0 | 1.5 |
| | 1.7 | 2.5 | 1.3 | 2.5 | 2.0 | 3.0 | 2.0 | 2.9 | 0.0 | 1.0 |
| | 2.5 | 3.5 | 2.1 | 2.5 | 2.0 | 3.0 | 2.5 | 2.4 | 3.0 | 2.5 |
| | 1.6 | 3.5 | 0.8 | 2.5 | 2.0 | 3.0 | 1.1 | 1.7 | 0.0 | 0.5 |
| | 4.0 | 4.5 | 3.8 | 3.5 | 3.0 | 4.0 | 4.2 | 3.8 | 4.0 | 4.5 |
| | 3.5 | 4.5 | 3.0 | 1.5 | 2.0 | 1.0 | 3.4 | 3.8 | 4.0 | 3.0 |
| | 1.3 | 2.0 | 1.0 | 3.5 | 3.0 | 4.0 | 1.1 | 1.7 | 0.0 | 0.5 |
| | 1.8 | 3.8 | 1.0 | 3.0 | 3.0 | 3.0 | 1.1 | 1.6 | 0.0 | 0.5 |
| | 3.6 | 4.8 | 3.1 | 3.5 | 4.0 | 3.0 | 3.6 | 2.5 | 4.0 | 4.5 |
| | 2.3 | 4.3 | 1.5 | 2.5 | 2.0 | 3.0 | 2.5 | 2.9 | 1.0 | 2.0 |
| | 1.0 | 1.0 | 1.0 | 2.0 | 1.0 | 3.0 | 2.2 | 2.9 | 1.0 | 1.5 |
| | 2.7 | 2.8 | 2.6 | 3.5 | 3.0 | 4.0 | 2.8 | 3.1 | 2.0 | 2.5 |
| | 2.7 | 2.0 | 3.0 | 3.0 | 2.0 | 4.0 | 3.5 | 3.4 | 4.0 | 3.5 |
| | 3.1 | 3.0 | 3.2 | 2.5 | 2.0 | 3.0 | 3.5 | 3.4 | 4.0 | 3.5 |
| | 2.3 | 3.0 | 2.0 | 1.5 | 1.0 | 2.0 | 3.5 | 3.4 | 4.0 | 3.5 |
| | 3.2 | 4.8 | 2.5 | 3.0 | 3.0 | 3.0 | 3.5 | 2.9 | 3.0 | 4.0 |
| | 1.9 | 1.8 | 2.0 | 3.0 | 2.0 | 4.0 | 3.5 | 2.9 | 3.0 | 4.0 |
| | 1.8 | 3.0 | 1.3 | 2.5 | 2.0 | 3.0 | 3.5 | 2.9 | 3.0 | 4.0 |
| | 4.2 | 4.8 | 4.0 | 3.5 | 5.0 | 2.0 | 3.9 | 3.3 | 4.0 | 4.5 |
| | 3.4 | 2.8 | 3.7 | 4.0 | 4.0 | 4.0 | 3.7 | 3.3 | 4.0 | 4.0 |
| | 3.4 | 2.8 | 3.7 | 4.5 | 5.0 | 4.0 | 3.9 | 3.7 | 3.0 | 4.0 |
| | 3.8 | 4.8 | 3.3 | 3.0 | 4.0 | 2.0 | 3.7 | 3.3 | 3.0 | 4.0 |
| | 3.5 | 3.3 | 3.6 | 3.5 | 3.0 | 4.0 | 3.1 | 2.1 | 4.0 | 4.0 |
| | 2.2 | 2.8 | 2.0 | 1.5 | 2.0 | 1.0 | 2.0 | 2.4 | 1.0 | 1.5 |
| | 2.2 | 3.3 | 1.7 | 1.0 | 1.0 | 1.0 | 2.6 | 2.7 | 1.0 | 2.5 |
| | 2.0 | 2.5 | 1.8 | 1.0 | 1.0 | 1.0 | 2.4 | 3.3 | 1.0 | 1.5 |
| | 2.1 | 4.3 | 1.2 | 1.5 | 1.0 | 2.0 | 2.2 | 1.9 | 1.0 | 2.5 |
| | 4.4 | 4.3 | 4.5 | 3.0 | 3.0 | 3.0 | 4.4 | 4.3 | 4.0 | 4.5 |
| | 2.4 | 3.3 | 2.0 | 2.0 | 1.0 | 3.0 | 3.9 | 4.3 | 4.0 | 3.5 |
| | 1.2 | 1.8 | 1.0 | 1.0 | 1.0 | 1.0 | 3.7 | 4.3 | 4.0 | 3.0 |
| | 4.2 | 4.3 | 4.2 | 4.0 | 4.0 | 4.0 | 3.8 | 3.0 | 4.0 | 4.5 |
| | 2.5 | 3.5 | 2.0 | 2.5 | 2.0 | 3.0 | 3.8 | 3.0 | 4.0 | 4.5 |

| CRISIS | COUNTRY | TYPE OF CRISIS | SEVERITY INDEX | CRISIS SEVERITY CATEGORY |
|--|---|----------------------------|-----------------------|---------------------------------|
| Complex crisis in Sudan | Sudan | Complex crisis | 4.1 | Very High |
| South Sudanese refugees in Sudan | Sudan | International displacement | 2.8 | Medium |
| Eritrean refugees in Sudan | Sudan | International displacement | 2.2 | Medium |
| Syrian conflict | Syria | Complex crisis | 4.8 | Very High |
| Syrian Regional Crisis | Syria, Turkey, Iraq, Egypt, Jordan, Lebanon | Regional crisis | 4.3 | Very High |
| International Displacement in Tanzania | Tanzania | International displacement | 1.4 | Low |
| Myanmar refugees in Thailand | Thailand | International displacement | 1.7 | Low |
| Venezuelan refugees in Trinidad and Tobago | Trinidad and Tobago | International displacement | 1.4 | Low |
| Complex situation in Turkey | Turkey | Multiple crises country | 2.7 | Medium |
| Syrian Refugees in Turkey | Turkey | International displacement | 2.4 | Medium |
| Mixed Migration Flows in Turkey | Turkey | International displacement | 2.4 | Medium |
| International Displacement in Uganda | Uganda | International displacement | 2.8 | Medium |
| Conflict in Ukraine | Ukraine | Conflict | 3.3 | High |
| Complex crisis in Venezuela | Venezuela | Complex crisis | 3.9 | High |
| Venezuela Regional Crisis | Venezuela, Brazil, Colombia, Ecuador, Peru, Trinidad and Tobago | Regional crisis | 3.6 | High |
| Conflict in Yemen | Yemen | Complex crisis | 4.5 | Very High |
| Mixed migration flows in Yemen | Yemen | International displacement | 2.8 | Medium |
| Drought in Zambia | Zambia | Drought | 2.3 | Medium |
| Complex crisis in Zimbabwe | Zimbabwe | Complex crisis | 3.4 | High |

| | IMPACT OF THE CRISIS | Geographical impact | Human impact | HUMANITARIAN CONDITIONS | People in need | Current humanitarian conditions | COMPLEXITY OF THE CRISIS | Society and safety | Humanitarian access | Operating environment |
|--|----------------------|---------------------|--------------|-------------------------|----------------|---------------------------------|--------------------------|--------------------|---------------------|-----------------------|
| | 4.2 | 4.8 | 3.9 | 4.0 | 5.0 | 3.0 | 4.3 | 4.0 | 4.0 | 4.5 |
| | 1.5 | 1.5 | 1.5 | 3.0 | 2.0 | 4.0 | 3.3 | 4.0 | 3.0 | 2.5 |
| | 1.0 | 1.0 | 1.0 | 2.0 | 1.0 | 3.0 | 3.3 | 4.0 | 3.0 | 2.5 |
| | 4.6 | 4.0 | 4.8 | 5.0 | 5.0 | 5.0 | 4.7 | 4.3 | 5.0 | 5.0 |
| | 4.3 | 3.5 | 4.7 | 4.5 | 5.0 | 4.0 | 3.8 | 3.5 | 3.0 | 4.0 |
| | 1.7 | 3.0 | 1.1 | 1.0 | 1.0 | 1.0 | 1.8 | 2.0 | 1.0 | 1.5 |
| | 0.9 | 1.0 | 0.8 | 2.0 | 1.0 | 3.0 | 1.7 | 2.4 | 1.0 | 1.0 |
| | 2.2 | 3.0 | 1.8 | 1.0 | 1.0 | 1.0 | 1.6 | 1.7 | 1.0 | 1.5 |
| | 3.7 | 4.0 | 3.5 | 2.0 | 3.0 | 1.0 | 3.1 | 3.2 | 2.0 | 3.0 |
| | 3.3 | 3.3 | 3.3 | 2.0 | 3.0 | 1.0 | 2.6 | 3.2 | 2.0 | 2.0 |
| | 3.0 | 3.5 | 2.8 | 2.0 | 3.0 | 1.0 | 2.6 | 3.2 | 2.0 | 2.0 |
| | 2.9 | 2.8 | 3.0 | 3.0 | 3.0 | 3.0 | 2.3 | 3.0 | 1.0 | 1.5 |
| | 2.5 | 2.3 | 2.6 | 4.0 | 4.0 | 4.0 | 2.8 | 2.5 | 3.0 | 3.0 |
| | 4.9 | 4.5 | 5.0 | 4.0 | 5.0 | 3.0 | 3.1 | 3.1 | 4.0 | 3.0 |
| | 4.1 | 3.8 | 4.3 | 4.0 | 5.0 | 3.0 | 2.6 | 2.6 | 1.0 | 2.5 |
| | 4.7 | 4.8 | 4.7 | 4.5 | 5.0 | 4.0 | 4.5 | 4.0 | 5.0 | 5.0 |
| | 2.1 | 1.5 | 2.3 | 2.5 | 2.0 | 3.0 | 3.8 | 4.0 | 5.0 | 3.5 |
| | 1.7 | 3.8 | 0.8 | 3.0 | 3.0 | 3.0 | 1.6 | 1.7 | 0.0 | 1.5 |
| | 2.3 | 4.3 | 1.5 | 4.0 | 4.0 | 4.0 | 3.0 | 2.9 | 1.0 | 3.0 |

RISK

WARNING

SEVERITY



APPENDIX

INFORM RISK INDEX 2020 FULL RESULTS

| COUNTRY | INFORM RISK | 3 YR TREND | RANK | RELIABILITY INDEX* | HAZARD & EXPOSURE | 3 YR TREND | Natural | Earthquake | Flood | Tsunami | Tropical cyclone | Drought | Epidemic | Human | Projected conflict risk | Current highly violent conflict intensity | VULNERABILITY | 3 YR TREND | Socio-Economic Vulnerability | Development & Deprivation |
|--------------------------|-------------|------------|------|--------------------|-------------------|------------|---------|------------|-------|---------|------------------|---------|----------|-------|-------------------------|---|---------------|------------|------------------------------|---------------------------|
| Afghanistan | 8.0 | → | 5 | 3.0 | 8.8 | → | 6.5 | 9.7 | 7.2 | 0.0 | 0.0 | 7.9 | 6.9 | 10.0 | 10.0 | 10.0 | 8.2 | ↗ | 7.6 | 8.5 |
| Albania | 3.0 | → | 119 | 1.5 | 3.9 | → | 6.4 | 9.3 | 4.7 | 7.8 | 0.0 | 6.8 | 4.9 | 0.1 | 0.1 | 0.0 | 1.6 | ↘ | 2.2 | 2.4 |
| Algeria | 4.0 | ↘ | 82 | 4.6 | 5.2 | ↗ | 5.0 | 8.8 | 5.2 | 4.6 | 0.0 | 4.1 | 3.4 | 5.3 | 7.6 | 0.0 | 2.9 | → | 2.3 | 2.9 |
| Angola | 5.2 | ↗ | 39 | 4.1 | 4.0 | ↗ | 3.2 | 0.1 | 5.1 | 0.0 | 0.0 | 4.2 | 6.7 | 4.7 | 6.7 | 0.0 | 5.0 | → | 5.1 | 8.0 |
| Antigua and Barbuda | 2.3 | → | 142 | 3.1 | 2.0 | → | 3.7 | 5.2 | 0.1 | 0.0 | 8.4 | 0.0 | 3.5 | 0.0 | 0.0 | 0.0 | 1.7 | → | 2.2 | 2.4 |
| Argentina | 2.7 | → | 128 | 2.0 | 2.8 | → | 3.9 | 6.7 | 6.5 | 0.0 | 0.0 | 3.3 | 4.0 | 1.5 | 2.2 | 0.0 | 1.9 | → | 1.9 | 1.5 |
| Armenia | 3.6 | → | 99 | 5.0 | 3.8 | ↗ | 4.4 | 8.2 | 4.3 | 0.0 | 0.0 | 4.6 | 5.2 | 3.1 | 4.4 | 0.0 | 2.6 | ↘ | 2.2 | 1.6 |
| Australia | 2.3 | → | 142 | 4.0 | 2.8 | → | 4.9 | 0.2 | 5.3 | 7.2 | 4.8 | 6.8 | 2.2 | 0.1 | 0.1 | 0.0 | 2.2 | → | 0.5 | 0.0 |
| Austria | 1.6 | → | 169 | 4.1 | 1.2 | → | 2.3 | 4.2 | 5.5 | 0.0 | 0.0 | 0.5 | 1.7 | 0.0 | 0.0 | 0.0 | 2.6 | → | 0.3 | 0.0 |
| Azerbaijan | 4.6 | ↘ | 61 | 3.8 | 5.0 | → | 4.9 | 8.8 | 4.9 | 0.0 | 0.0 | 5.3 | 5.6 | 5.0 | 7.2 | 0.0 | 4.1 | ↘ | 2.2 | 2.9 |
| Bahamas | 2.2 | → | 146 | 1.3 | 1.9 | → | 3.5 | 0.1 | 0.1 | 0.0 | 8.8 | 2.6 | 3.7 | 0.0 | 0.0 | 0.0 | 1.8 | → | 2.1 | 1.9 |
| Bahrain | 1.3 | → | 180 | 4.3 | 0.6 | → | 0.9 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 4.1 | 0.2 | 0.3 | 0.0 | 1.1 | → | 1.3 | 1.1 |
| Bangladesh | 6.0 | → | 22 | 1.8 | 7.6 | ↗ | 8.2 | 9.2 | 10.0 | 8.2 | 6.9 | 5.0 | 7.6 | 6.9 | 9.8 | 0.0 | 5.7 | → | 5.1 | 7.3 |
| Barbados | 1.9 | → | 156 | 1.3 | 2.1 | → | 3.8 | 5.6 | 0.1 | 5.7 | 4.6 | 0.5 | 4.4 | 0.0 | 0.0 | 0.0 | 1.4 | → | 2.2 | 2.2 |
| Belarus | 1.9 | → | 156 | 1.6 | 2.1 | ↗ | 2.3 | 0.1 | 6.2 | 0.0 | 0.0 | 3.1 | 2.4 | 1.9 | 2.7 | 0.0 | 1.2 | → | 1.2 | 1.8 |
| Belgium | 1.9 | → | 156 | 3.7 | 2.1 | → | 1.7 | 3.4 | 4.0 | 0.0 | 0.0 | 0.5 | 1.3 | 2.4 | 3.4 | 0.0 | 1.9 | → | 0.3 | 0.0 |
| Belize | 3.7 | → | 96 | 4.8 | 3.2 | → | 5.4 | 2.4 | 8.4 | 5.3 | 7.2 | 1.0 | 4.6 | 0.1 | 0.2 | 0.0 | 3.1 | ↘ | 3.7 | 4.2 |
| Benin | 4.4 | → | 70 | 4.8 | 2.4 | → | 2.8 | 0.1 | 5.1 | 0.0 | 0.0 | 0.5 | 7.3 | 2.0 | 2.9 | 0.0 | 5.1 | → | 6.7 | 8.7 |
| Bhutan | 3.1 | → | 112 | 4.5 | 2.0 | → | 3.6 | 7.4 | 5.1 | 0.0 | 0.0 | 0.0 | 5.1 | 0.1 | 0.1 | 0.0 | 3.4 | ↘ | 5.1 | 6.9 |
| Bolivia | 4.3 | → | 71 | 4.1 | 4.2 | ↗ | 4.2 | 7.7 | 5.5 | 0.0 | 0.0 | 4.1 | 4.7 | 4.1 | 5.9 | 0.0 | 3.5 | ↘ | 4.7 | 6.0 |
| Bosnia and Herzegovina | 3.6 | → | 99 | 3.6 | 2.9 | → | 4.1 | 6.3 | 7.1 | 3.1 | 0.0 | 3.4 | 2.0 | 1.6 | 2.3 | 0.0 | 3.7 | ↘ | 2.6 | 2.8 |
| Botswana | 3.2 | → | 110 | 3.1 | 2.1 | ↗ | 3.0 | 0.1 | 4.8 | 0.0 | 0.0 | 6.5 | 3.8 | 1.2 | 1.7 | 0.0 | 3.4 | → | 3.6 | 3.7 |
| Brazil | 4.3 | ↗ | 71 | 3.9 | 5.7 | ↗ | 4.0 | 1.0 | 8.1 | 0.0 | 0.0 | 4.5 | 5.7 | 7.0 | 9.2 | 7.0 | 3.3 | → | 3.3 | 3.3 |
| Brunei Darussalam | 1.6 | → | 169 | 4.6 | 1.4 | → | 2.6 | 0.1 | 1.4 | 5.0 | 1.9 | 2.0 | 4.3 | 0.0 | 0.0 | 0.0 | 0.9 | → | 1.2 | 0.9 |
| Bulgaria | 2.4 | → | 139 | 5.6 | 2.0 | → | 3.5 | 6.6 | 4.9 | 0.0 | 0.0 | 2.8 | 4.6 | 0.3 | 0.4 | 0.0 | 2.3 | → | 1.8 | 1.7 |
| Burkina Faso | 5.3 | → | 35 | 4.3 | 3.8 | ↗ | 3.6 | 0.1 | 4.6 | 0.0 | 0.0 | 5.8 | 7.2 | 3.9 | 5.5 | 0.0 | 5.8 | → | 6.8 | 9.8 |
| Burundi | 6.2 | ↘ | 19 | 2.5 | 5.2 | ↘ | 3.8 | 4.9 | 3.7 | 0.0 | 0.0 | 4.9 | 6.7 | 6.3 | 9.0 | 0.0 | 6.6 | → | 7.0 | 9.7 |
| Cabo Verde | 2.6 | → | 131 | 4.7 | 1.3 | → | 2.4 | 0.1 | 0.1 | 0.0 | 0.0 | 6.6 | 4.7 | 0.0 | 0.0 | 0.0 | 3.3 | ↘ | 5.1 | 4.9 |
| Cambodia | 4.8 | → | 55 | 4.3 | 4.6 | ↗ | 5.8 | 0.1 | 9.5 | 5.2 | 4.0 | 4.6 | 6.4 | 3.2 | 4.6 | 0.0 | 3.9 | ↘ | 5.7 | 7.3 |
| Cameroon | 6.0 | ↗ | 22 | 4.4 | 5.4 | ↘ | 3.6 | 0.1 | 6.0 | 0.0 | 0.0 | 3.1 | 7.8 | 6.8 | 9.7 | 0.0 | 6.6 | → | 6.0 | 8.1 |
| Canada | 2.4 | → | 139 | 3.0 | 2.6 | → | 4.6 | 5.5 | 5.2 | 6.9 | 2.6 | 4.7 | 1.2 | 0.1 | 0.1 | 0.0 | 2.3 | → | 0.5 | 0.0 |
| Central African Republic | 8.6 | → | 2 | 4.2 | 8.1 | → | 3.1 | 0.1 | 5.7 | 0.0 | 0.0 | 0.5 | 7.6 | 10.0 | 9.2 | 10.0 | 9.0 | → | 9.0 | 9.9 |
| Chad | 7.3 | ↗ | 6 | 1.4 | 5.8 | ↘ | 4.2 | 0.1 | 7.5 | 0.0 | 0.0 | 5.6 | 7.0 | 7.0 | 10.0 | 0.0 | 7.6 | → | 7.5 | 10.0 |
| Chile | 3.0 | → | 119 | 2.5 | 4.7 | ↗ | 6.2 | 9.8 | 5.6 | 9.1 | 0.0 | 0.3 | 2.8 | 2.7 | 3.8 | 0.0 | 2.0 | → | 1.8 | 1.1 |
| China | 4.3 | → | 71 | 2.8 | 6.9 | ↗ | 7.5 | 7.2 | 8.4 | 9.2 | 8.1 | 4.6 | 5.8 | 6.3 | 9.0 | 0.0 | 3.1 | ↘ | 2.7 | 4.1 |
| Colombia | 5.4 | → | 31 | 2.8 | 6.9 | → | 6.7 | 9.6 | 6.8 | 7.9 | 4.1 | 1.9 | 5.4 | 7.0 | 8.1 | 7.0 | 6.0 | → | 3.6 | 4.1 |
| Comoros | 4.0 | → | 82 | 2.9 | 1.7 | → | 2.9 | 0.1 | 0.1 | 5.5 | 2.9 | 1.0 | 5.7 | 0.3 | 0.4 | 0.0 | 5.4 | ↗ | 6.1 | 8.1 |
| Congo | 5.5 | → | 30 | 3.7 | 3.7 | ↗ | 3.8 | 0.1 | 8.6 | 0.0 | 0.0 | 0.5 | 7.0 | 3.5 | 5.0 | 0.0 | 6.0 | → | 5.5 | 7.4 |

KEY ↗ Increasing risk → Stable ↘ Decreasing risk
 *Reliability Index: more reliable 0 10 less reliable

*Countries with lower Reliability Index scores have risk scores that are based on more reliable data

| | Inequality | Aid dependency | Vulnerable groups | Uprooted people | Other vulnerable groups | Health conditions | Children U5 | Recent shocks | Food security | LACK OF COPING CAPACITY | 3 YR TREND | Institutional | DRR | Governance | Infrastructure | Communication | Physical Infrastructure | Access to health care | Infrastructure | LACK OF COPING CAPACITY |
|--|------------|----------------|-------------------|-----------------|-------------------------|-------------------|-------------|---------------|---------------|-------------------------|------------|---------------|-----|------------|----------------|---------------|-------------------------|-----------------------|----------------|-------------------------|
| | 8.7 | 4.8 | 8.7 | 9.6 | 7.4 | 2.1 | 5.2 | 10.0 | 7.8 | 7.2 | → | 7.2 | 6.3 | 8.1 | 7.1 | 6.3 | 7.3 | 7.6 | 7.1 | 7.2 |
| | 2.1 | 1.8 | 0.9 | 0.9 | 0.8 | 0.2 | 1.1 | 0.2 | 1.8 | 4.2 | ↗ | 5.6 | x | 5.6 | 2.5 | 2.0 | 1.7 | 3.7 | 2.5 | 4.2 |
| | 3.3 | 0.2 | 3.4 | 5.4 | 0.6 | 0.4 | 1.3 | 0.4 | 0.3 | 4.4 | → | 5.0 | 3.5 | 6.4 | 3.8 | 3.6 | 4.1 | 3.8 | 3.8 | 4.4 |
| | 4.4 | 0.1 | 4.9 | 5.1 | 4.7 | 5.0 | 5.2 | 1.2 | 6.3 | 7.1 | → | 6.5 | 5.3 | 7.6 | 7.7 | 7.0 | 8.0 | 8.1 | 7.7 | 7.1 |
| | x | 1.8 | 1.1 | 0.0 | 2.1 | 0.0 | 0.6 | 0.4 | 5.8 | 3.8 | → | 5.2 | 5.4 | 5.0 | 2.0 | 1.0 | 0.7 | 4.3 | 2.0 | 3.8 |
| | 4.4 | 0.0 | 1.8 | 2.8 | 0.6 | 0.3 | 0.8 | 0.1 | 1.1 | 3.5 | → | 4.6 | 3.8 | 5.4 | 2.2 | 1.6 | 3.0 | 2.1 | 2.2 | 3.5 |
| | 2.9 | 2.5 | 3.0 | 4.6 | 0.9 | 0.3 | 0.8 | 0.5 | 2.0 | 4.8 | → | 6.7 | 7.5 | 5.9 | 2.0 | 2.0 | 1.2 | 2.7 | 2.0 | 4.8 |
| | 2.1 | 0.0 | 3.6 | 5.8 | 0.4 | 0.1 | 0.2 | 0.1 | 1.2 | 2.1 | → | 2.3 | 2.4 | 2.1 | 1.8 | 1.9 | 3.0 | 0.5 | 1.8 | 2.1 |
| | 1.2 | 0.1 | 4.4 | 7.0 | 0.2 | 0.1 | 0.3 | 0.0 | 0.2 | 1.4 | → | 2.2 | 2.0 | 2.3 | 0.5 | 1.0 | 0.0 | 0.5 | 0.5 | 1.4 |
| | 2.3 | 0.5 | 5.6 | 8.1 | 0.9 | 0.8 | 1.5 | 0.0 | 1.3 | 4.7 | → | 6.4 | x | 6.4 | 2.3 | 1.8 | 3.1 | 2.1 | 2.3 | 4.7 |
| | 4.5 | 0.0 | 1.4 | 0.9 | 1.9 | 1.6 | 0.6 | 0.0 | 4.6 | 3.2 | → | 3.7 | x | 3.7 | 2.6 | 2.6 | 2.0 | 3.3 | 2.6 | 3.2 |
| | 3.0 | 0.0 | 0.9 | 1.1 | 0.6 | 0.1 | 0.6 | 0.0 | 1.7 | 3.2 | → | 4.7 | 3.8 | 5.5 | 1.3 | 0.8 | 0.0 | 3.0 | 1.3 | 3.2 |
| | 4.6 | 1.2 | 6.2 | 7.7 | 4.1 | 2.0 | 4.9 | 4.8 | 4.3 | 5.1 | → | 5.0 | 3.0 | 7.0 | 5.1 | 5.1 | 4.9 | 5.2 | 5.1 | 5.1 |
| | 3.8 | 0.5 | 0.5 | 0.0 | 1.0 | 1.1 | 0.9 | 0.0 | 2.0 | 2.5 | → | 3.1 | 2.8 | 3.3 | 1.8 | 2.1 | 0.2 | 3.0 | 1.8 | 2.5 |
| | 0.9 | 0.3 | 1.2 | 1.8 | 0.6 | 0.6 | 0.3 | 0.4 | 1.2 | 2.9 | → | 4.3 | 2.8 | 5.7 | 1.2 | 1.8 | 0.3 | 1.6 | 1.2 | 2.9 |
| | 0.7 | 0.4 | 3.2 | 5.4 | 0.2 | 0.1 | 0.3 | 0.0 | 0.2 | 1.8 | → | 2.6 | x | 2.6 | 0.9 | 2.1 | 0.0 | 0.7 | 0.9 | 1.8 |
| | 5.1 | 1.2 | 2.5 | 3.6 | 1.3 | 1.3 | 1.3 | 0.0 | 2.4 | 5.2 | → | 6.3 | x | 6.3 | 3.8 | 4.1 | 3.0 | 4.4 | 3.8 | 5.2 |
| | 7.0 | 2.3 | 3.0 | 2.5 | 3.5 | 4.5 | 5.8 | 0.0 | 2.4 | 6.8 | → | 5.9 | 5.5 | 6.2 | 7.6 | 7.5 | 8.3 | 6.9 | 7.6 | 6.8 |
| | 4.7 | 2.0 | 1.2 | 0.0 | 2.2 | 1.5 | 2.6 | 0.0 | 4.3 | 4.4 | → | 4.1 | 4.5 | 3.6 | 4.7 | 4.5 | 4.6 | 5.0 | 4.7 | 4.4 |
| | 5.4 | 1.3 | 2.0 | 0.9 | 2.9 | 1.1 | 1.8 | 3.1 | 5.0 | 5.3 | → | 6.1 | 5.6 | 6.5 | 4.4 | 3.3 | 5.0 | 4.9 | 4.4 | 5.3 |
| | 2.1 | 2.5 | 4.6 | 7.1 | 0.5 | 0.3 | 0.4 | 0.0 | 1.4 | 4.5 | → | 6.1 | x | 6.1 | 2.5 | 2.5 | 1.3 | 3.8 | 2.5 | 4.5 |
| | 6.5 | 0.6 | 3.1 | 2.2 | 3.9 | 4.2 | 2.7 | 0.1 | 7.0 | 4.6 | → | 4.8 | 5.6 | 4.0 | 4.4 | 3.8 | 4.6 | 4.9 | 4.4 | 4.6 |
| | 6.3 | 0.1 | 3.3 | 5.2 | 0.7 | 0.7 | 0.8 | 0.0 | 1.3 | 4.3 | → | 5.2 | 4.3 | 6.1 | 3.2 | 2.5 | 3.6 | 3.5 | 3.2 | 4.3 |
| | 3.1 | 0.0 | 0.5 | 0.0 | 1.0 | 0.4 | 1.5 | 0.0 | 1.9 | 3.5 | → | 4.6 | 6.0 | 3.2 | 2.1 | 1.4 | 2.5 | 2.5 | 2.1 | 3.5 |
| | 3.0 | 0.6 | 2.7 | 4.3 | 0.8 | 0.2 | 0.6 | 0.0 | 2.4 | 3.0 | → | 4.2 | 3.2 | 5.2 | 1.7 | 2.1 | 1.4 | 1.5 | 1.7 | 3.0 |
| | 5.4 | 2.3 | 4.5 | 5.3 | 3.6 | 4.0 | 5.3 | 0.0 | 4.3 | 6.6 | → | 4.7 | 3.2 | 6.1 | 8.0 | 7.8 | 9.2 | 6.9 | 8.0 | 6.6 |
| | 4.9 | 3.7 | 6.2 | 6.9 | 5.4 | 3.5 | 5.6 | 0.1 | 8.8 | 6.8 | → | 6.3 | 4.6 | 8.0 | 7.3 | 7.3 | 7.2 | 7.5 | 7.3 | 6.8 |
| | 5.6 | 5.1 | 0.9 | 0.0 | 1.8 | 1.7 | 1.3 | 0.0 | 3.7 | 3.9 | → | 4.0 | 3.4 | 4.5 | 3.7 | 3.2 | 3.2 | 4.8 | 3.7 | 3.9 |
| | 6.3 | 2.0 | 1.6 | 0.0 | 3.0 | 2.7 | 3.8 | 0.0 | 4.7 | 6.2 | → | 7.0 | 6.8 | 7.2 | 5.3 | 4.1 | 5.7 | 6.1 | 5.3 | 6.2 |
| | 6.5 | 1.3 | 7.2 | 9.0 | 3.8 | 6.3 | 5.0 | 0.0 | 2.6 | 6.0 | ↗ | 4.9 | 2.6 | 7.1 | 6.9 | 5.6 | 8.0 | 7.1 | 6.9 | 6.0 |
| | 1.8 | 0.0 | 3.8 | 6.2 | 0.3 | 0.1 | 0.4 | 0.1 | 0.6 | 2.3 | → | 2.2 | 2.8 | 1.6 | 2.3 | 2.3 | 3.0 | 1.5 | 2.3 | 2.3 |
| | 8.4 | 7.7 | 9.0 | 9.8 | 7.6 | 8.8 | 7.3 | 0.0 | 9.6 | 8.7 | → | 8.0 | x | 8.0 | 9.2 | 8.8 | 9.3 | 9.6 | 9.2 | 8.7 |
| | 7.0 | 3.0 | 7.6 | 8.5 | 6.4 | 3.6 | 8.0 | 3.0 | 8.5 | 8.9 | → | 8.0 | x | 8.0 | 9.6 | 9.1 | 10.0 | 9.8 | 9.6 | 8.9 |
| | 4.9 | 0.1 | 2.2 | 3.4 | 0.7 | 0.6 | 0.4 | 0.0 | 1.6 | 3.0 | → | 3.3 | 3.2 | 3.3 | 2.6 | 2.0 | 2.7 | 3.0 | 2.6 | 3.0 |
| | 2.7 | 0.0 | 3.4 | 5.3 | 1.0 | 0.4 | 0.8 | 1.0 | 1.8 | 3.6 | → | 3.9 | 2.5 | 5.2 | 3.3 | 2.6 | 4.0 | 3.4 | 3.3 | 3.6 |
| | 5.7 | 0.5 | 7.7 | 10.0 | 0.7 | 0.6 | 1.0 | 0.1 | 1.2 | 3.8 | ↘ | 4.4 | 3.0 | 5.8 | 3.2 | 2.3 | 3.6 | 3.6 | 3.2 | 3.8 |
| | 5.1 | 3.1 | 4.5 | 0.0 | 7.2 | 2.7 | 4.6 | 10.0 | 7.3 | 7.0 | → | 7.8 | 7.8 | 7.7 | 5.9 | 5.7 | 5.8 | 6.1 | 5.9 | 7.0 |
| | 6.9 | 0.4 | 6.5 | 7.4 | 5.5 | 5.7 | 3.2 | 0.3 | 9.0 | 7.4 | → | 7.8 | x | 7.8 | 7.0 | 5.5 | 8.1 | 7.3 | 7.0 | 7.4 |

KEY ↗ Increasing risk → Stable ↘ Decreasing risk
 *Reliability Index: more reliable 0 10 less reliable

*Countries with lower Reliability Index scores have risk scores that are based on more reliable data

| COUNTRY | INFORM RISK | 3 YR TREND | RANK | RELIABILITY INDEX* | HAZARD & EXPOSURE | 3 YR TREND | Natural | Earthquake | Flood | Tsunami | Tropical cyclone | Drought | Epidemic | Human | Projected conflict risk | Current highly violent conflict intensity | VULNERABILITY | 3 YR TREND | Socio-Economic Vulnerability | Development & Deprivation |
|--------------------|-------------|------------|------|--------------------|-------------------|------------|---------|------------|-------|---------|------------------|---------|----------|-------|-------------------------|---|---------------|------------|------------------------------|---------------------------|
| Congo DR | 7.0 | → | 8 | 4.3 | 5.9 | ↘ | 4.6 | 4.5 | 7.5 | 0.0 | 0.0 | 1.9 | 8.3 | 7.0 | 9.9 | 7.0 | 7.3 | → | 6.7 | 9.2 |
| Costa Rica | 3.0 | → | 119 | 3.3 | 3.6 | → | 6.0 | 9.6 | 3.3 | 8.7 | 1.9 | 1.0 | 4.7 | 0.1 | 0.1 | 0.0 | 2.9 | → | 2.4 | 2.1 |
| Côte d'Ivoire | 6.0 | → | 22 | 3.8 | 5.2 | → | 3.8 | 0.1 | 5.6 | 4.6 | 0.0 | 1.0 | 7.7 | 6.4 | 9.1 | 0.0 | 5.9 | → | 6.1 | 8.5 |
| Croatia | 2.1 | → | 150 | 3.7 | 2.8 | ↗ | 4.8 | 5.9 | 6.5 | 7.7 | 0.0 | 3.3 | 2.0 | 0.1 | 0.1 | 0.0 | 1.1 | → | 1.3 | 1.4 |
| Cuba | 3.5 | ↗ | 102 | 3.8 | 4.2 | → | 5.7 | 5.8 | 3.6 | 5.7 | 8.0 | 4.9 | 5.1 | 2.3 | 3.3 | 0.0 | 3.2 | ↗ | 3.4 | 2.5 |
| Cyprus | 3.0 | → | 119 | 3.7 | 2.5 | → | 4.3 | 8.7 | 0.0 | 6.4 | 0.0 | 3.1 | 2.4 | 0.1 | 0.1 | 0.0 | 4.2 | → | 0.8 | 0.6 |
| Czech Republic | 1.2 | → | 182 | 2.2 | 0.9 | → | 1.7 | 0.9 | 5.3 | 0.0 | 0.0 | 1.5 | 1.2 | 0.1 | 0.1 | 0.0 | 0.9 | → | 0.4 | 0.2 |
| Denmark | 1.1 | → | 185 | 5.1 | 0.6 | → | 1.1 | 0.1 | 2.3 | 0.0 | 0.0 | 2.3 | 1.7 | 0.0 | 0.0 | 0.0 | 1.8 | → | 0.2 | 0.0 |
| Djibouti | 5.2 | → | 39 | 3.1 | 4.0 | ↗ | 5.8 | 5.3 | 0.4 | 8.5 | 0.0 | 9.1 | 4.6 | 1.5 | 2.2 | 0.0 | 5.6 | → | 6.1 | 8.5 |
| Dominica | 3.5 | → | 102 | 2.6 | 2.8 | → | 4.9 | 4.0 | 0.1 | 8.5 | 7.6 | 0.0 | 3.8 | 0.0 | 0.0 | 0.0 | 3.7 | → | 4.0 | 3.7 |
| Dominican Republic | 3.8 | → | 92 | 2.4 | 5.4 | ↗ | 6.7 | 9.7 | 4.6 | 6.4 | 7.9 | 1.0 | 6.0 | 3.6 | 5.2 | 0.0 | 2.4 | ↘ | 3.8 | 4.3 |
| Ecuador | 4.0 | → | 82 | 2.4 | 4.3 | → | 6.8 | 9.8 | 6.7 | 9.2 | 0.0 | 2.8 | 5.0 | 0.5 | 0.7 | 0.0 | 3.6 | ↘ | 3.2 | 3.7 |
| Egypt | 5.1 | → | 47 | 1.4 | 7.5 | ↗ | 5.0 | 4.9 | 8.1 | 7.2 | 0.0 | 3.1 | 3.2 | 9.0 | 9.4 | 9.0 | 3.9 | → | 3.5 | 4.3 |
| El Salvador | 4.0 | ↗ | 82 | 4.9 | 5.3 | ↘ | 6.5 | 9.7 | 3.0 | 8.2 | 3.7 | 3.7 | 5.9 | 3.9 | 5.5 | 0.0 | 2.7 | → | 4.0 | 4.5 |
| Equatorial Guinea | 4.1 | → | 78 | 3.5 | 3.0 | ↗ | 3.0 | 0.1 | 4.4 | 0.0 | 0.0 | 3.6 | 6.9 | 2.9 | 4.2 | 0.0 | 3.2 | → | 4.2 | 6.2 |
| Eritrea | 5.2 | ↘ | 39 | 4.0 | 3.7 | ↗ | 4.2 | 3.4 | 3.1 | 0.0 | 0.0 | 8.3 | 5.9 | 3.2 | 4.6 | 0.0 | 4.8 | → | 6.2 | 9.2 |
| Estonia | 0.9 | → | 186 | 1.1 | 0.5 | → | 0.9 | 0.1 | 3.6 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.9 | → | 0.8 | 0.6 |
| Eswatini | 3.9 | → | 87 | 4.4 | 2.4 | ↗ | 2.5 | 0.1 | 4.2 | 0.0 | 0.2 | 5.2 | 3.8 | 2.3 | 3.3 | 0.0 | 4.5 | ↘ | 5.7 | 7.0 |
| Ethiopia | 6.9 | ↗ | 10 | 4.4 | 7.4 | ↗ | 4.5 | 4.8 | 5.7 | 0.0 | 0.0 | 5.7 | 7.4 | 9.0 | 9.9 | 9.0 | 6.6 | → | 6.4 | 9.5 |
| Fiji | 2.9 | → | 124 | 3.5 | 2.2 | → | 3.9 | 3.5 | 0.1 | 8.0 | 3.1 | 2.5 | 3.5 | 0.1 | 0.1 | 0.0 | 3.4 | → | 3.2 | 3.2 |
| Finland | 0.6 | → | 190 | 5.1 | 0.1 | → | 0.2 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 1.1 | 0.0 | 0.0 | 0.0 | 1.6 | → | 0.2 | 0.0 |
| France | 2.3 | → | 142 | 3.0 | 2.2 | → | 3.5 | 3.3 | 6.4 | 5.7 | 0.0 | 2.3 | 1.3 | 0.6 | 0.9 | 0.0 | 2.8 | → | 0.4 | 0.0 |
| Gabon | 4.2 | → | 75 | 4.2 | 3.5 | ↗ | 2.6 | 0.1 | 4.8 | 0.0 | 0.0 | 1.5 | 6.5 | 4.3 | 6.1 | 0.0 | 3.4 | ↘ | 4.2 | 5.6 |
| Gambia | 4.2 | → | 75 | 2.7 | 2.4 | → | 3.1 | 0.1 | 3.5 | 3.6 | 0.0 | 3.2 | 6.2 | 1.6 | 2.3 | 0.0 | 5.4 | → | 7.2 | 9.0 |
| Georgia | 3.9 | → | 87 | 0.9 | 3.9 | ↗ | 4.4 | 7.9 | 5.1 | 0.0 | 0.0 | 5.3 | 4.8 | 3.3 | 4.7 | 0.0 | 4.8 | → | 2.9 | 2.4 |
| Germany | 2.0 | → | 152 | 2.0 | 1.5 | → | 2.4 | 4.3 | 6.1 | 0.0 | 0.0 | 0.5 | 1.4 | 0.6 | 0.8 | 0.0 | 3.4 | → | 0.4 | 0.0 |
| Ghana | 3.8 | → | 92 | 1.4 | 2.5 | → | 3.6 | 0.1 | 4.9 | 5.2 | 0.0 | 1.0 | 7.2 | 1.3 | 1.9 | 0.0 | 4.3 | → | 5.4 | 7.2 |
| Greece | 3.1 | → | 112 | 2.3 | 4.3 | ↗ | 6.0 | 9.6 | 3.1 | 8.7 | 0.0 | 2.3 | 4.8 | 2.0 | 2.8 | 0.0 | 2.8 | → | 1.0 | 0.6 |
| Grenada | 1.8 | → | 164 | 4.3 | 0.9 | → | 1.7 | 3.5 | 0.1 | 0.0 | 1.7 | 0.5 | 3.6 | 0.0 | 0.0 | 0.0 | 1.6 | ↘ | 2.0 | 2.6 |
| Guatemala | 5.7 | → | 27 | 3.6 | 5.8 | ↗ | 6.7 | 9.8 | 5.1 | 7.4 | 4.5 | 3.8 | 5.7 | 4.8 | 6.8 | 0.0 | 5.8 | ↗ | 5.3 | 6.7 |
| Guinea | 5.1 | → | 47 | 4.8 | 4.0 | ↗ | 3.9 | 0.1 | 5.1 | 5.2 | 0.0 | 0.8 | 8.0 | 4.1 | 5.9 | 0.0 | 4.4 | ↘ | 5.4 | 9.1 |
| Guinea-Bissau | 4.6 | → | 61 | 1.9 | 2.2 | → | 2.7 | 0.1 | 3.3 | 1.5 | 0.0 | 2.0 | 7.0 | 1.6 | 2.3 | 0.0 | 5.6 | ↘ | 6.7 | 8.9 |
| Guyana | 3.4 | ↘ | 105 | 3.4 | 2.4 | → | 3.9 | 0.1 | 4.8 | 6.7 | 0.0 | 4.2 | 5.2 | 0.7 | 1.0 | 0.0 | 3.2 | ↘ | 4.6 | 5.2 |
| Haiti | 6.6 | → | 14 | 3.0 | 6.2 | ↗ | 7.0 | 9.7 | 4.3 | 6.3 | 7.2 | 3.9 | 7.3 | 5.3 | 7.6 | 0.0 | 6.3 | ↘ | 7.4 | 8.4 |
| Honduras | 5.3 | → | 35 | 4.9 | 5.3 | ↗ | 6.5 | 9.4 | 5.1 | 7.0 | 4.3 | 4.6 | 5.9 | 3.8 | 5.4 | 0.0 | 5.4 | ↘ | 5.6 | 6.6 |
| Hungary | 1.9 | → | 156 | 3.1 | 2.0 | → | 3.6 | 2.3 | 7.5 | 0.0 | 0.0 | 3.8 | 4.9 | 0.1 | 0.1 | 0.0 | 1.5 | → | 1.3 | 1.2 |
| Iceland | 1.2 | → | 182 | 3.4 | 1.2 | → | 2.2 | 7.5 | 0.1 | 0.0 | 0.0 | 0.0 | 2.2 | 0.0 | 0.0 | 0.0 | 0.8 | → | 0.2 | 0.0 |
| India | 5.4 | ↘ | 31 | 2.2 | 7.4 | → | 7.7 | 8.3 | 8.4 | 8.1 | 7.2 | 6.2 | 7.4 | 7.0 | 9.4 | 7.0 | 4.9 | ↘ | 4.6 | 6.6 |
| Indonesia | 4.7 | → | 57 | 3.5 | 7.2 | ↗ | 7.7 | 8.9 | 8.1 | 9.7 | 6.1 | 3.4 | 7.1 | 6.6 | 9.4 | 0.0 | 3.2 | → | 3.5 | 4.6 |

KEY ↗ Increasing risk → Stable ↘ Decreasing risk
 *Reliability Index: more reliable 0 10 less reliable

*Countries with lower Reliability Index scores have risk scores that are based on more reliable data

| | Inequality | Aid dependency | Vulnerable groups | Uprooted people | Other vulnerable groups | Health conditions | Children U5 | Recent shocks | Food security | LACK OF COPING CAPACITY | 3 YR TREND | Institutional | DRR | Governance | Infrastructure | Communication | Physical Infrastructure | Access to health care | Infrastructure | LACK OF COPING CAPACITY |
|--|------------|----------------|-------------------|-----------------|-------------------------|-------------------|-------------|---------------|---------------|-------------------------|------------|---------------|-----|------------|----------------|---------------|-------------------------|-----------------------|----------------|-------------------------|
| | 6.5 | 2.0 | 7.9 | 9.0 | 6.2 | 5.5 | 6.1 | 0.0 | 9.2 | 8.1 | → | 7.9 | 7.5 | 8.2 | 8.2 | 7.6 | 9.4 | 7.7 | 8.2 | 8.1 |
| | 4.9 | 0.3 | 3.4 | 5.2 | 1.1 | 0.3 | 0.5 | 1.3 | 2.1 | 2.6 | → | 3.0 | 1.5 | 4.5 | 2.2 | 1.2 | 2.0 | 3.5 | 2.2 | 2.6 |
| | 6.5 | 0.7 | 5.7 | 7.1 | 3.8 | 5.2 | 4.8 | 0.0 | 4.2 | 7.0 | → | 7.2 | 7.8 | 6.5 | 6.7 | 5.8 | 7.3 | 6.9 | 6.7 | 7.0 |
| | 1.6 | 0.8 | 0.9 | 1.2 | 0.6 | 0.1 | 0.4 | 0.0 | 1.7 | 3.1 | → | 4.5 | 4.4 | 4.5 | 1.4 | 2.0 | 0.2 | 2.0 | 1.4 | 3.1 |
| | 4.0 | 4.6 | 2.9 | 0.0 | 5.1 | 0.4 | 0.4 | 10.0 | 0.8 | 3.1 | → | 4.0 | 2.5 | 5.4 | 2.0 | 3.6 | 1.8 | 0.6 | 2.0 | 3.1 |
| | 1.7 | 0.3 | 6.5 | 9.0 | 0.9 | 0.1 | 0.2 | 0.0 | 3.1 | 2.6 | → | 3.7 | x | 3.7 | 1.3 | 1.5 | 0.1 | 2.4 | 1.3 | 2.6 |
| | 1.0 | 0.3 | 1.4 | 2.3 | 0.5 | 0.1 | 0.3 | 0.0 | 1.6 | 2.1 | → | 3.1 | 2.5 | 3.6 | 1.0 | 2.2 | 0.0 | 0.7 | 1.0 | 2.1 |
| | 0.7 | 0.1 | 3.2 | 5.2 | 0.5 | 0.1 | 0.3 | 0.0 | 1.4 | 1.3 | → | 2.0 | 2.7 | 1.3 | 0.5 | 1.4 | 0.0 | 0.2 | 0.5 | 1.3 |
| | 4.2 | 3.3 | 5.1 | 6.1 | 3.8 | 2.4 | 5.7 | 1.3 | 5.1 | 6.4 | → | 6.3 | 5.5 | 7.0 | 6.5 | 7.0 | 6.0 | 6.6 | 6.5 | 6.4 |
| | x | 4.7 | 3.4 | 0.0 | 5.7 | 0.6 | 2.6 | 10.0 | 2.3 | 4.1 | → | 4.9 | x | 4.9 | 3.3 | 2.8 | 1.1 | 5.9 | 3.3 | 4.1 |
| | 5.6 | 1.1 | 0.8 | 0.0 | 1.6 | 1.3 | 1.6 | 0.2 | 3.1 | 4.4 | → | 5.5 | 4.6 | 6.4 | 3.2 | 2.9 | 2.2 | 4.6 | 3.2 | 4.4 |
| | 5.0 | 0.5 | 4.0 | 6.0 | 1.3 | 0.7 | 1.3 | 0.0 | 2.9 | 4.0 | → | 4.6 | 3.0 | 6.1 | 3.4 | 2.9 | 3.4 | 3.9 | 3.4 | 4.0 |
| | 3.9 | 1.3 | 4.2 | 6.6 | 0.5 | 0.2 | 1.7 | 0.0 | 0.0 | 4.6 | → | 5.3 | 4.2 | 6.4 | 3.8 | 3.6 | 3.4 | 4.4 | 3.8 | 4.6 |
| | 4.3 | 2.7 | 1.1 | 0.0 | 2.1 | 1.2 | 1.3 | 3.1 | 2.8 | 4.6 | → | 5.7 | 5.2 | 6.1 | 3.2 | 3.0 | 2.2 | 4.3 | 3.2 | 4.6 |
| | x | 0.1 | 2.0 | 0.0 | 3.7 | 6.4 | 4.1 | 0.0 | 2.8 | 7.4 | ↘ | 8.2 | x | 8.2 | 6.4 | 5.0 | 6.6 | 7.5 | 6.4 | 7.4 |
| | x | 0.3 | 3.0 | 2.2 | 3.7 | 1.6 | 6.0 | 0.0 | 5.6 | 7.9 | → | 8.1 | x | 8.1 | 7.6 | 7.4 | 9.7 | 5.6 | 7.6 | 7.9 |
| | 1.8 | 0.3 | 1.0 | 1.2 | 0.7 | 0.8 | 0.2 | 0.0 | 1.6 | 1.9 | → | 2.8 | x | 2.8 | 0.9 | 1.0 | 0.1 | 1.5 | 0.9 | 1.9 |
| | 7.1 | 1.8 | 3.0 | 2.1 | 3.8 | 4.9 | 3.4 | 0.0 | 5.8 | 5.4 | → | 5.3 | 4.4 | 6.2 | 5.4 | 4.7 | 5.6 | 5.9 | 5.4 | 5.4 |
| | 5.1 | 1.6 | 6.8 | 8.6 | 3.7 | 3.1 | 4.9 | 0.0 | 5.6 | 6.8 | → | 4.7 | 2.9 | 6.5 | 8.2 | 7.7 | 9.8 | 7.1 | 8.2 | 6.8 |
| | 3.8 | 2.6 | 3.5 | 0.0 | 5.9 | 3.7 | 1.9 | 10.0 | 1.6 | 3.1 | → | 2.5 | 0.1 | 4.8 | 3.7 | 3.4 | 3.3 | 4.4 | 3.7 | 3.1 |
| | 0.7 | 0.1 | 2.8 | 4.7 | 0.4 | 0.1 | 0.2 | 0.0 | 1.2 | 1.4 | → | 1.8 | 2.2 | 1.3 | 0.9 | 1.6 | 0.5 | 0.6 | 0.9 | 1.4 |
| | 1.5 | 0.2 | 4.6 | 7.1 | 0.4 | 0.3 | 0.3 | 0.0 | 0.8 | 1.9 | → | 2.8 | 2.9 | 2.6 | 1.0 | 2.1 | 0.0 | 0.9 | 1.0 | 1.9 |
| | 5.2 | 0.5 | 2.4 | 1.3 | 3.3 | 6.3 | 2.6 | 0.0 | 2.8 | 6.1 | → | 6.8 | 6.7 | 6.9 | 5.2 | 3.2 | 6.2 | 6.2 | 5.2 | 6.1 |
| | 5.5 | 5.2 | 2.7 | 2.9 | 2.5 | 2.3 | 4.3 | 0.0 | 2.9 | 5.6 | → | 4.7 | 3.0 | 6.3 | 6.3 | 5.8 | 5.7 | 7.5 | 6.3 | 5.6 |
| | 4.0 | 2.7 | 6.2 | 8.7 | 1.1 | 1.0 | 0.5 | 0.0 | 2.8 | 3.2 | → | 4.4 | 4.7 | 4.1 | 1.8 | 1.8 | 1.1 | 2.5 | 1.8 | 3.2 |
| | 1.4 | 0.1 | 5.5 | 8.2 | 0.3 | 0.1 | 0.3 | 0.0 | 0.8 | 1.5 | → | 2.3 | 2.7 | 1.8 | 0.6 | 1.5 | 0.0 | 0.4 | 0.6 | 1.5 |
| | 5.9 | 1.4 | 3.1 | 3.5 | 2.6 | 4.7 | 3.1 | 1.0 | 1.1 | 5.1 | → | 4.5 | 3.4 | 5.6 | 5.7 | 4.2 | 7.0 | 5.9 | 5.7 | 5.1 |
| | 2.2 | 0.7 | 4.2 | 6.6 | 0.4 | 0.2 | 0.4 | 0.0 | 1.1 | 2.5 | → | 3.7 | 2.3 | 5.0 | 1.0 | 2.1 | 0.0 | 0.9 | 1.0 | 2.5 |
| | x | 0.9 | 1.1 | 0.0 | 2.1 | 0.1 | 1.3 | 0.0 | 5.7 | 3.9 | → | 4.9 | 4.7 | 5.1 | 2.7 | 3.3 | 0.6 | 4.1 | 2.7 | 3.9 |
| | 6.2 | 1.6 | 6.3 | 7.0 | 5.5 | 1.1 | 2.5 | 9.5 | 4.0 | 5.5 | → | 6.2 | 5.5 | 6.8 | 4.6 | 3.9 | 4.4 | 5.4 | 4.6 | 5.5 |
| | 2.2 | 1.2 | 3.3 | 2.6 | 4.0 | 5.4 | 5.4 | 0.0 | 4.0 | 7.4 | → | 6.1 | 5.0 | 7.2 | 8.4 | 7.8 | 8.3 | 9.1 | 8.4 | 7.4 |
| | 6.4 | 2.6 | 4.2 | 3.2 | 5.0 | 5.6 | 5.2 | 0.3 | 7.2 | 7.9 | → | 8.2 | 7.8 | 8.5 | 7.5 | 7.6 | 8.1 | 6.9 | 7.5 | 7.9 |
| | 6.7 | 1.4 | 1.6 | 0.8 | 2.3 | 4.0 | 2.2 | 0.1 | 2.6 | 5.3 | → | 6.0 | x | 6.0 | 4.4 | 4.0 | 4.1 | 5.0 | 4.4 | 5.3 |
| | 6.0 | 6.8 | 5.0 | 4.7 | 5.2 | 3.3 | 4.1 | 0.4 | 9.0 | 7.3 | → | 7.7 | 6.7 | 8.6 | 6.8 | 7.2 | 5.3 | 7.9 | 6.8 | 7.3 |
| | 6.3 | 3.0 | 5.1 | 7.1 | 2.1 | 1.1 | 1.5 | 2.1 | 3.4 | 5.2 | → | 5.9 | 5.2 | 6.6 | 4.3 | 4.1 | 3.9 | 4.9 | 4.3 | 5.2 |
| | 2.4 | 0.5 | 1.7 | 2.8 | 0.5 | 0.1 | 0.3 | 0.1 | 1.6 | 2.2 | → | 3.1 | 1.4 | 4.7 | 1.1 | 1.7 | 0.1 | 1.4 | 1.1 | 2.2 |
| | 0.8 | 0.1 | 1.3 | 2.2 | 0.3 | 0.1 | 0.2 | 0.0 | 0.9 | 1.9 | ↗ | 2.3 | x | 2.3 | 1.5 | 1.4 | 2.6 | 0.4 | 1.5 | 1.9 |
| | 4.9 | 0.4 | 5.2 | 6.1 | 4.1 | 2.2 | 6.4 | 2.5 | 4.4 | 4.3 | → | 3.6 | 1.8 | 5.4 | 4.9 | 4.7 | 4.5 | 5.6 | 4.9 | 4.3 |
| | 4.7 | 0.1 | 2.8 | 3.4 | 2.2 | 2.7 | 3.2 | 0.3 | 2.2 | 4.5 | → | 4.5 | 3.3 | 5.6 | 4.4 | 2.6 | 4.7 | 6.0 | 4.4 | 4.5 |

KEY ↗ Increasing risk → Stable ↘ Decreasing risk
 *Reliability Index: more reliable 0 10 less reliable

*Countries with lower Reliability Index scores have risk scores that are based on more reliable data

| COUNTRY | INFORM RISK | 3 YR TREND | RANK | RELIABILITY INDEX* | HAZARD & EXPOSURE | 3 YR TREND | Natural | Earthquake | Flood | Tsunami | Tropical cyclone | Drought | Epidemic | Human | Projected conflict risk | Current highly violent conflict intensity | VULNERABILITY | 3 YR TREND | Socio-Economic Vulnerability | Development & Deprivation |
|---------------------|-------------|------------|------|--------------------|-------------------|------------|---------|------------|-------|---------|------------------|---------|----------|-------|-------------------------|---|---------------|------------|------------------------------|---------------------------|
| Iran | 5.2 | → | 39 | 4.2 | 6.4 | ↗ | 6.7 | 9.6 | 6.4 | 6.9 | 1.8 | 5.4 | 6.3 | 6.1 | 8.7 | 0.0 | 4.9 | ↗ | 2.3 | 2.0 |
| Iraq | 7.0 | → | 8 | 3.2 | 8.6 | ↗ | 5.3 | 5.4 | 9.5 | 0.0 | 0.0 | 3.3 | 6.8 | 10.0 | 10.0 | 10.0 | 5.9 | ↘ | 4.1 | 5.4 |
| Ireland | 1.4 | → | 176 | 4.0 | 1.2 | → | 2.2 | 0.1 | 3.9 | 5.8 | 0.0 | 0.5 | 1.3 | 0.0 | 0.0 | 0.0 | 1.3 | → | 0.4 | 0.0 |
| Israel | 2.7 | ↘ | 128 | 4.4 | 4.6 | ↗ | 4.6 | 7.3 | 2.3 | 6.2 | 0.0 | 5.3 | 4.0 | 4.6 | 6.5 | 0.0 | 2.0 | → | 0.6 | 0.0 |
| Italy | 2.6 | → | 131 | 4.5 | 3.2 | → | 5.2 | 8.6 | 5.4 | 7.4 | 0.0 | 3.0 | 2.1 | 0.6 | 0.8 | 0.0 | 2.5 | → | 0.7 | 0.4 |
| Jamaica | 3.1 | → | 112 | 3.3 | 3.7 | ↗ | 5.4 | 9.1 | 3.1 | 0.0 | 7.2 | 2.4 | 5.2 | 1.5 | 2.2 | 0.0 | 2.3 | ↘ | 3.7 | 3.7 |
| Japan | 2.3 | → | 142 | 3.6 | 5.6 | → | 8.1 | 10.0 | 3.9 | 10.0 | 10.0 | 0.5 | 3.7 | 0.9 | 1.3 | 0.0 | 1.5 | → | 0.4 | 0.0 |
| Jordan | 4.6 | → | 61 | 4.0 | 3.6 | ↗ | 4.2 | 7.7 | 2.6 | 0.0 | 0.0 | 6.7 | 4.0 | 2.9 | 4.1 | 0.0 | 6.3 | → | 4.0 | 2.8 |
| Kazakhstan | 1.9 | → | 156 | 4.4 | 2.4 | → | 4.0 | 6.5 | 6.0 | 0.0 | 0.0 | 5.0 | 4.0 | 0.4 | 0.6 | 0.0 | 0.7 | → | 1.1 | 1.4 |
| Kenya | 6.0 | ↘ | 22 | 2.9 | 5.8 | → | 5.1 | 3.2 | 5.6 | 6.0 | 0.0 | 7.0 | 6.6 | 6.5 | 9.3 | 0.0 | 6.0 | → | 5.5 | 7.3 |
| Kiribati | 3.6 | → | 99 | 1.1 | 2.1 | → | 3.8 | 0.1 | 0.1 | 8.7 | 0.0 | 3.8 | 4.5 | 0.0 | 0.0 | 0.0 | 4.2 | → | 5.6 | 5.8 |
| Korea DPR | 5.2 | → | 39 | 2.0 | 4.7 | ↗ | 5.1 | 4.9 | 7.4 | 4.6 | 6.5 | 3.3 | 2.8 | 4.3 | 6.1 | 0.0 | 4.7 | ↘ | 5.8 | 8.4 |
| Korea Republic of | 2.1 | → | 150 | 2.3 | 4.1 | ↗ | 5.9 | 7.3 | 4.7 | 7.6 | 8.5 | 0.3 | 2.9 | 1.8 | 2.5 | 0.0 | 1.3 | ↘ | 0.4 | 0.0 |
| Kuwait | 1.8 | → | 164 | 6.4 | 1.0 | → | 1.5 | 0.2 | 1.3 | 0.0 | 0.0 | 3.1 | 3.8 | 0.5 | 0.7 | 0.0 | 1.5 | → | 1.9 | 1.9 |
| Kyrgyzstan | 3.9 | → | 87 | 6.0 | 5.0 | ↗ | 5.2 | 8.6 | 5.6 | 0.0 | 0.0 | 6.7 | 5.2 | 4.7 | 6.7 | 0.0 | 2.6 | ↘ | 4.0 | 4.0 |
| Lao PDR | 4.5 | → | 67 | 4.9 | 3.9 | ↗ | 4.9 | 3.1 | 9.1 | 0.0 | 3.3 | 2.4 | 6.3 | 2.7 | 3.8 | 0.0 | 4.0 | → | 5.2 | 7.4 |
| Latvia | 1.5 | → | 174 | 3.4 | 1.1 | → | 2.0 | 0.1 | 6.5 | 0.0 | 0.0 | 2.0 | 1.0 | 0.1 | 0.1 | 0.0 | 1.2 | → | 1.3 | 1.1 |
| Lebanon | 5.2 | → | 39 | 3.6 | 5.4 | ↘ | 5.3 | 9.6 | 1.2 | 7.2 | 0.0 | 2.6 | 3.9 | 5.5 | 7.8 | 0.0 | 6.1 | ↘ | 3.6 | 2.9 |
| Lesotho | 4.2 | ↗ | 75 | 3.6 | 2.2 | → | 2.2 | 0.1 | 3.0 | 0.0 | 0.0 | 5.2 | 3.6 | 2.1 | 3.0 | 0.0 | 5.0 | ↘ | 6.8 | 8.2 |
| Liberia | 5.3 | ↘ | 35 | 2.4 | 3.2 | → | 4.0 | 0.1 | 6.2 | 5.5 | 0.0 | 0.5 | 7.5 | 2.2 | 3.1 | 0.0 | 6.2 | ↘ | 7.6 | 9.4 |
| Libya | 6.2 | → | 19 | 6.5 | 8.2 | → | 3.7 | 1.9 | 2.6 | 7.3 | 0.0 | 5.0 | 3.1 | 10.0 | 9.9 | 10.0 | 4.4 | → | 2.6 | 3.3 |
| Liechtenstein | 0.9 | → | 186 | 4.7 | 0.7 | → | 1.3 | 5.2 | 0.1 | 0.0 | 0.0 | 0.0 | 1.2 | 0.0 | 0.0 | 0.0 | 0.8 | → | 0.0 | 0.0 |
| Lithuania | 1.4 | → | 176 | 4.9 | 0.9 | → | 1.7 | 0.1 | 4.7 | 0.0 | 0.0 | 3.3 | 1.0 | 0.0 | 0.0 | 0.0 | 1.2 | → | 1.1 | 0.8 |
| Luxembourg | 0.9 | → | 186 | 2.6 | 0.4 | → | 0.7 | 0.2 | 2.0 | 0.0 | 0.0 | 0.0 | 1.6 | 0.0 | 0.0 | 0.0 | 1.3 | → | 0.5 | 0.0 |
| Madagascar | 5.2 | → | 39 | 2.5 | 3.9 | → | 6.1 | 0.1 | 7.2 | 7.8 | 7.4 | 4.4 | 6.7 | 0.6 | 0.9 | 0.0 | 5.1 | → | 6.1 | 8.9 |
| Malawi | 4.9 | → | 54 | 3.9 | 2.9 | → | 4.5 | 6.5 | 5.3 | 0.0 | 0.7 | 5.9 | 6.1 | 1.0 | 1.4 | 0.0 | 6.1 | ↘ | 7.0 | 8.7 |
| Malaysia | 3.3 | → | 107 | 4.7 | 3.8 | ↗ | 4.9 | 2.3 | 6.6 | 7.1 | 2.9 | 3.3 | 5.3 | 2.4 | 3.4 | 0.0 | 3.1 | → | 2.0 | 2.0 |
| Maldives | 2.4 | → | 139 | 4.1 | 1.8 | → | 3.2 | 0.1 | 0.1 | 9.0 | 0.0 | 0.0 | 3.2 | 0.2 | 0.3 | 0.0 | 1.9 | → | 2.9 | 3.5 |
| Mali | 6.4 | → | 16 | 3.0 | 6.3 | ↗ | 3.7 | 0.1 | 6.9 | 0.0 | 0.0 | 5.0 | 6.4 | 8.0 | 9.8 | 8.0 | 6.1 | ↘ | 7.0 | 9.7 |
| Malta | 1.9 | → | 156 | 3.2 | 1.3 | → | 2.5 | 0.1 | 0.1 | 7.7 | 0.0 | 0.0 | 2.9 | 0.0 | 0.0 | 0.0 | 2.1 | → | 0.8 | 0.4 |
| Marshall Islands | 3.7 | → | 96 | 3.1 | 2.0 | → | 3.6 | 0.1 | 0.1 | 8.6 | 0.4 | 3.4 | 3.7 | 0.0 | 0.0 | 0.0 | 3.9 | ↘ | 5.3 | 3.8 |
| Mauritania | 5.7 | → | 27 | 5.9 | 4.6 | ↗ | 5.6 | 0.8 | 7.5 | 4.6 | 0.0 | 9.2 | 5.8 | 3.5 | 5.0 | 0.0 | 6.2 | ↗ | 5.9 | 8.4 |
| Mauritius | 2.0 | → | 152 | 2.7 | 2.1 | → | 3.8 | 0.1 | 0.1 | 6.8 | 7.0 | 1.3 | 3.7 | 0.1 | 0.1 | 0.0 | 1.4 | → | 2.2 | 2.2 |
| Mexico | 5.1 | → | 47 | 6.2 | 8.1 | → | 6.8 | 8.6 | 7.2 | 6.6 | 7.7 | 3.8 | 4.9 | 9.0 | 9.9 | 9.0 | 3.7 | → | 3.3 | 4.0 |
| Micronesia | 3.9 | → | 87 | 3.5 | 2.4 | → | 4.3 | 0.1 | 0.1 | 8.6 | 3.8 | 5.4 | 3.1 | 0.0 | 0.0 | 0.0 | 4.6 | ↘ | 5.6 | 5.5 |
| Moldova Republic of | 3.0 | → | 119 | 3.3 | 3.0 | ↗ | 4.1 | 6.3 | 5.6 | 0.0 | 0.0 | 5.4 | 4.7 | 1.7 | 2.4 | 0.0 | 2.0 | → | 2.7 | 3.2 |
| Mongolia | 2.8 | → | 126 | 5.1 | 1.5 | → | 2.7 | 2.4 | 4.3 | 0.0 | 0.0 | 5.7 | 1.9 | 0.2 | 0.3 | 0.0 | 3.0 | ↘ | 4.2 | 4.9 |
| Montenegro | 2.2 | → | 146 | 2.0 | 2.4 | → | 4.2 | 5.8 | 4.4 | 7.7 | 0.0 | 2.0 | 2.6 | 0.1 | 0.1 | 0.0 | 1.4 | → | 1.7 | 1.4 |

KEY ↗ Increasing risk → Stable ↘ Decreasing risk
 *Reliability Index: more reliable 0 10 less reliable

*Countries with lower Reliability Index scores have risk scores that are based on more reliable data

| | Inequality | Aid dependency | Vulnerable groups | Uprooted people | Other vulnerable groups | Health conditions | Children U5 | Recent shocks | Food security | LACK OF COPING CAPACITY | 3 YR TREND | Institutional | DRR | Governance | Infrastructure | Communication | Physical Infrastructure | Access to health care | Infrastructure | LACK OF COPING CAPACITY |
|--|------------|----------------|-------------------|-----------------|-------------------------|-------------------|-------------|---------------|---------------|-------------------------|------------|---------------|-----|------------|----------------|---------------|-------------------------|-----------------------|----------------|-------------------------|
| | 5.0 | 0.1 | 6.8 | 8.0 | 5.2 | 0.1 | 1.1 | 10.0 | 1.3 | 4.4 | → | 5.4 | 4.4 | 6.3 | 3.3 | 3.0 | 3.8 | 3.1 | 3.3 | 4.4 |
| | 3.9 | 1.6 | 7.3 | 9.3 | 2.9 | 0.5 | 2.1 | 0.1 | 6.8 | 6.8 | → | 8.2 | 8.4 | 7.9 | 4.6 | 4.4 | 3.5 | 5.9 | 4.6 | 6.8 |
| | 1.6 | 0.1 | 2.2 | 3.9 | 0.2 | 0.2 | 0.3 | 0.0 | 0.2 | 1.9 | → | 2.6 | x | 2.6 | 1.2 | 2.2 | 0.5 | 0.9 | 1.2 | 1.9 |
| | 2.4 | 0.1 | 3.2 | 5.4 | 0.1 | 0.1 | 0.3 | 0.0 | 0.0 | 2.1 | → | 3.1 | x | 3.1 | 0.9 | 1.9 | 0.0 | 0.8 | 0.9 | 2.1 |
| | 1.9 | 0.1 | 4.0 | 6.5 | 0.2 | 0.2 | 0.3 | 0.0 | 0.4 | 2.2 | → | 3.4 | 2.4 | 4.4 | 0.8 | 1.8 | 0.1 | 0.4 | 0.8 | 2.2 |
| | 5.5 | 2.0 | 0.7 | 0.0 | 1.4 | 1.7 | 0.9 | 0.0 | 2.9 | 3.6 | → | 4.1 | 3.3 | 4.8 | 3.1 | 3.2 | 1.9 | 4.2 | 3.1 | 3.6 |
| | 1.4 | 0.0 | 2.5 | 3.7 | 1.0 | 0.2 | 0.5 | 0.6 | 2.4 | 1.5 | → | 2.1 | 1.9 | 2.3 | 0.8 | 1.3 | 0.1 | 1.1 | 0.8 | 1.5 |
| | 4.2 | 6.1 | 7.8 | 10.0 | 1.3 | 0.1 | 1.0 | 0.0 | 3.6 | 4.3 | → | 5.6 | 6.1 | 5.0 | 2.7 | 2.3 | 2.4 | 3.3 | 2.7 | 4.3 |
| | 1.6 | 0.0 | 0.3 | 0.0 | 0.5 | 0.5 | 0.8 | 0.0 | 0.8 | 3.8 | → | 4.9 | 3.8 | 6.0 | 2.4 | 1.3 | 3.5 | 2.3 | 2.4 | 3.8 |
| | 5.7 | 1.5 | 6.4 | 7.7 | 4.7 | 4.6 | 3.0 | 2.3 | 7.5 | 6.2 | → | 5.2 | 3.9 | 6.5 | 7.1 | 5.3 | 8.4 | 7.7 | 7.1 | 6.2 |
| | 3.0 | 7.7 | 2.5 | 0.0 | 4.4 | 8.8 | 3.8 | 0.0 | 0.6 | 5.3 | → | 5.5 | x | 5.5 | 5.1 | 5.6 | 4.1 | 5.5 | 5.1 | 5.3 |
| | 6.1 | 0.1 | 3.3 | 0.0 | 5.6 | 3.9 | 2.5 | 2.6 | 9.4 | 6.5 | → | 8.5 | x | 8.5 | 3.0 | 5.0 | 3.4 | 0.7 | 3.0 | 6.5 |
| | 1.3 | 0.1 | 2.1 | 3.6 | 0.4 | 0.4 | 0.2 | 0.0 | 1.0 | 1.8 | → | 2.6 | 1.5 | 3.6 | 0.9 | 1.3 | 0.0 | 1.4 | 0.9 | 1.8 |
| | 3.6 | 0.0 | 1.1 | 1.6 | 0.5 | 0.3 | 0.7 | 0.0 | 1.0 | 3.7 | → | 5.6 | x | 5.6 | 1.2 | 1.1 | 1.6 | 1.0 | 1.2 | 3.7 |
| | 2.9 | 5.0 | 1.0 | 0.8 | 1.1 | 0.8 | 1.1 | 0.0 | 2.4 | 4.5 | → | 5.3 | 3.7 | 6.8 | 3.5 | 2.7 | 3.7 | 4.2 | 3.5 | 4.5 |
| | 4.6 | 1.3 | 2.5 | 0.0 | 4.4 | 1.7 | 5.4 | 5.2 | 4.9 | 5.8 | ↘ | 6.3 | 6.1 | 6.4 | 5.3 | 5.0 | 5.1 | 5.8 | 5.3 | 5.8 |
| | 2.5 | 0.6 | 1.0 | 1.3 | 0.6 | 0.7 | 0.3 | 0.0 | 1.4 | 2.6 | → | 3.7 | x | 3.7 | 1.4 | 1.5 | 0.7 | 2.1 | 1.4 | 2.6 |
| | 3.4 | 5.3 | 7.8 | 10.0 | 1.2 | 0.1 | 0.6 | 0.2 | 3.4 | 4.2 | → | 5.7 | 4.7 | 6.6 | 2.4 | 2.6 | 0.6 | 3.9 | 2.4 | 4.2 |
| | 7.3 | 3.3 | 2.5 | 0.0 | 4.4 | 7.3 | 4.5 | 0.0 | 3.8 | 6.8 | → | 7.4 | 8.4 | 6.3 | 6.2 | 6.2 | 7.0 | 5.4 | 6.2 | 6.8 |
| | 5.7 | 5.9 | 4.3 | 3.4 | 5.1 | 4.8 | 4.6 | 0.0 | 8.3 | 7.6 | → | 7.3 | x | 7.3 | 7.9 | 8.3 | 7.9 | 7.5 | 7.9 | 7.6 |
| | 2.3 | 1.6 | 5.8 | 8.4 | 0.9 | 0.4 | 1.1 | 0.3 | 1.7 | 6.7 | → | 8.4 | x | 8.4 | 3.8 | 4.6 | 3.3 | 3.4 | 3.8 | 6.7 |
| | x | 0.0 | 1.6 | 2.6 | 0.4 | x | x | 0.0 | 0.8 | 1.1 | → | 1.5 | x | 1.5 | 0.7 | 1.4 | 0.0 | x | 0.7 | 1.1 |
| | 2.4 | 0.5 | 1.2 | 2.0 | 0.4 | 0.5 | 0.3 | 0.0 | 0.8 | 2.4 | → | 3.6 | x | 3.6 | 1.0 | 1.3 | 0.4 | 1.3 | 1.0 | 2.4 |
| | 1.6 | 0.5 | 2.0 | 3.4 | 0.4 | 0.3 | 0.2 | 0.0 | 1.1 | 1.3 | → | 1.8 | x | 1.8 | 0.7 | 1.2 | 0.1 | 0.9 | 0.7 | 1.3 |
| | 4.4 | 2.1 | 3.9 | 1.4 | 5.7 | 4.0 | 3.4 | 3.1 | 9.1 | 7.2 | → | 6.1 | 4.7 | 7.4 | 8.1 | 8.0 | 9.4 | 6.9 | 8.1 | 7.2 |
| | 6.6 | 4.0 | 5.0 | 4.9 | 5.0 | 6.3 | 4.0 | 4.9 | 4.5 | 6.7 | → | 5.3 | 4.0 | 6.6 | 7.7 | 8.0 | 7.5 | 7.5 | 7.7 | 6.7 |
| | 3.9 | 0.1 | 4.0 | 6.1 | 1.1 | 0.7 | 1.8 | 0.0 | 1.7 | 3.1 | → | 3.5 | 2.6 | 4.3 | 2.6 | 1.7 | 2.9 | 3.3 | 2.6 | 3.1 |
| | 4.0 | 0.5 | 0.8 | 0.0 | 1.5 | 0.3 | 2.3 | 0.0 | 3.1 | 4.2 | ↗ | 6.1 | 5.8 | 6.4 | 1.5 | 1.1 | 0.1 | 3.2 | 1.5 | 4.2 |
| | 5.5 | 3.2 | 5.1 | 6.3 | 3.7 | 4.3 | 7.2 | 0.0 | 0.8 | 6.7 | → | 5.9 | 4.9 | 6.9 | 7.3 | 7.2 | 6.7 | 8.1 | 7.3 | 6.7 |
| | 2.0 | 0.3 | 3.2 | 5.2 | 0.4 | 0.1 | 0.5 | 0.0 | 1.0 | 2.4 | → | 3.8 | x | 3.8 | 0.7 | 1.7 | 0.0 | 0.5 | 0.7 | 2.4 |
| | x | 8.2 | 2.2 | 0.0 | 3.9 | 6.2 | 2.8 | 0.0 | 5.0 | 6.3 | → | 7.7 | 7.3 | 8.1 | 4.2 | 4.2 | 1.4 | 6.9 | 4.2 | 6.3 |
| | 5.1 | 1.8 | 6.4 | 6.5 | 6.3 | 1.5 | 5.2 | 10.0 | 2.7 | 6.5 | → | 5.9 | 4.8 | 6.9 | 7.1 | 6.9 | 7.2 | 7.3 | 7.1 | 6.5 |
| | 3.9 | 0.3 | 0.6 | 0.0 | 1.2 | 0.7 | 1.0 | 1.2 | 2.0 | 2.9 | → | 3.7 | 3.3 | 4.1 | 2.0 | 2.5 | 0.2 | 3.2 | 2.0 | 2.9 |
| | 4.6 | 0.4 | 4.1 | 6.4 | 0.8 | 0.9 | 0.8 | 0.3 | 1.2 | 4.5 | → | 5.7 | 5.1 | 6.2 | 3.0 | 2.8 | 3.1 | 3.1 | 3.0 | 4.5 |
| | 3.8 | 7.5 | 3.5 | 0.0 | 5.9 | 5.0 | 2.5 | 8.8 | 5.0 | 5.2 | → | 5.4 | 6.0 | 4.8 | 4.9 | 5.9 | 3.4 | 5.3 | 4.9 | 5.2 |
| | 1.6 | 2.7 | 1.2 | 1.0 | 1.3 | 1.1 | 0.9 | 0.1 | 3.0 | 4.6 | → | 6.3 | 6.2 | 6.4 | 2.4 | 2.2 | 1.6 | 3.3 | 2.4 | 4.6 |
| | 2.9 | 4.1 | 1.6 | 0.0 | 3.0 | 2.6 | 0.9 | 4.3 | 3.9 | 5.0 | → | 5.5 | 5.1 | 5.9 | 4.4 | 3.4 | 5.9 | 3.8 | 4.4 | 5.0 |
| | 1.8 | 2.0 | 1.1 | 1.8 | 0.3 | 0.2 | 0.3 | 0.0 | 0.6 | 3.3 | → | 4.6 | 4.0 | 5.1 | 1.8 | 1.3 | 0.9 | 3.1 | 1.8 | 3.3 |

KEY ↗ Increasing risk → Stable ↘ Decreasing risk
 *Reliability Index: more reliable 0 10 less reliable

*Countries with lower Reliability Index scores have risk scores that are based on more reliable data

| COUNTRY | INFORM RISK | 3 YR TREND | RANK | RELIABILITY INDEX* | HAZARD & EXPOSURE | 3 YR TREND | Natural | Earthquake | Flood | Tsunami | Tropical cyclone | Drought | Epidemic | Human | Projected conflict risk | Current highly violent conflict intensity | VULNERABILITY | 3 YR TREND | Socio-Economic Vulnerability | Development & Deprivation |
|----------------------------------|-------------|------------|------|--------------------|-------------------|------------|---------|------------|-------|---------|------------------|---------|----------|-------|-------------------------|---|---------------|------------|------------------------------|---------------------------|
| Morocco | 4.1 | → | 78 | 3.6 | 4.5 | ↗ | 4.9 | 4.8 | 5.8 | 6.7 | 0.0 | 6.2 | 3.7 | 4.1 | 5.8 | 0.0 | 3.3 | → | 4.6 | 5.9 |
| Mozambique | 6.2 | → | 19 | 2.8 | 5.3 | ↗ | 6.0 | 3.8 | 6.3 | 6.0 | 5.2 | 7.6 | 6.6 | 4.6 | 6.6 | 0.0 | 6.8 | → | 7.6 | 9.5 |
| Myanmar | 6.3 | → | 17 | 1.9 | 7.4 | → | 7.8 | 9.1 | 9.9 | 8.9 | 5.6 | 1.0 | 6.6 | 7.0 | 9.3 | 7.0 | 5.3 | ↘ | 5.3 | 7.5 |
| Namibia | 3.8 | → | 92 | 2.4 | 2.4 | → | 4.1 | 0.1 | 6.1 | 0.0 | 0.0 | 8.5 | 4.7 | 0.4 | 0.6 | 0.0 | 4.7 | → | 5.7 | 7.2 |
| Nauru | 3.3 | → | 107 | 4.3 | 1.5 | → | 2.8 | 0.1 | 0.1 | 8.2 | 0.0 | 0.0 | 3.8 | 0.0 | 0.0 | 0.0 | 4.6 | → | 5.2 | 2.8 |
| Nepal | 5.4 | ↘ | 31 | 0.9 | 5.7 | ↗ | 5.7 | 9.9 | 6.7 | 0.0 | 0.2 | 2.8 | 6.6 | 5.6 | 8.0 | 0.0 | 4.7 | ↘ | 5.9 | 7.4 |
| Netherlands | 1.4 | → | 176 | 3.3 | 1.0 | → | 2.0 | 2.4 | 5.8 | 0.0 | 0.0 | 0.5 | 1.7 | 0.0 | 0.0 | 0.0 | 2.1 | → | 0.2 | 0.0 |
| New Zealand | 1.6 | → | 169 | 2.0 | 2.5 | → | 4.4 | 7.0 | 3.8 | 7.0 | 2.9 | 1.5 | 2.1 | 0.0 | 0.0 | 0.0 | 0.9 | → | 0.5 | 0.0 |
| Nicaragua | 5.2 | → | 39 | 2.6 | 7.4 | ↗ | 6.6 | 9.5 | 5.1 | 8.1 | 3.6 | 4.1 | 5.9 | 8.0 | 4.9 | 8.0 | 3.6 | → | 5.1 | 6.1 |
| Niger | 6.7 | ↗ | 13 | 2.9 | 5.7 | ↘ | 4.3 | 0.1 | 7.4 | 0.0 | 0.0 | 6.7 | 6.8 | 6.8 | 9.7 | 0.0 | 6.8 | → | 7.4 | 10.0 |
| Nigeria | 6.9 | ↗ | 10 | 4.4 | 8.3 | ↗ | 3.9 | 0.1 | 8.0 | 0.0 | 0.0 | 0.5 | 7.9 | 10.0 | 10.0 | 10.0 | 6.1 | → | 5.6 | 8.4 |
| North Macedonia | 2.6 | → | 131 | 3.6 | 2.8 | ↗ | 3.7 | 7.0 | 4.2 | 0.0 | 0.0 | 3.3 | 4.9 | 1.8 | 2.6 | 0.0 | 1.7 | ↘ | 2.3 | 3.0 |
| Norway | 0.9 | → | 186 | 3.9 | 0.2 | → | 0.3 | 0.8 | 0.1 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 2.1 | → | 0.2 | 0.0 |
| Oman | 2.5 | → | 135 | 1.9 | 3.0 | → | 5.2 | 0.1 | 3.7 | 9.2 | 3.2 | 5.0 | 5.2 | 0.1 | 0.2 | 0.0 | 1.4 | → | 1.7 | 1.6 |
| Pakistan | 6.3 | ↘ | 17 | 6.3 | 7.7 | ↘ | 7.4 | 9.3 | 8.8 | 6.7 | 3.8 | 5.5 | 7.8 | 8.0 | 9.7 | 8.0 | 5.8 | → | 5.4 | 8.0 |
| Palau | 2.5 | → | 135 | 4.7 | 1.7 | → | 3.2 | 0.1 | 0.1 | 7.7 | 4.9 | 0.0 | 2.3 | 0.0 | 0.0 | 0.0 | 2.1 | → | 3.1 | 2.0 |
| Palestine | 5.1 | ↘ | 47 | 3.9 | 5.4 | ↗ | 3.2 | 5.2 | 1.8 | 5.6 | 0.0 | 0.0 | 4.4 | 7.0 | 5.6 | 7.0 | 6.4 | → | 4.3 | 3.5 |
| Panama | 3.5 | → | 102 | 3.1 | 3.8 | → | 6.2 | 9.3 | 3.0 | 9.1 | 2.4 | 1.3 | 5.4 | 0.1 | 0.2 | 0.0 | 2.8 | → | 2.7 | 2.2 |
| Papua New Guinea | 5.8 | → | 26 | 3.5 | 5.2 | ↗ | 6.7 | 9.7 | 5.0 | 8.6 | 2.6 | 2.5 | 6.4 | 3.2 | 4.6 | 0.0 | 5.1 | ↘ | 5.7 | 7.1 |
| Paraguay | 3.3 | → | 107 | 2.5 | 2.4 | ↗ | 2.6 | 0.1 | 4.8 | 0.0 | 0.0 | 3.5 | 5.1 | 2.2 | 3.1 | 0.0 | 3.5 | ↗ | 3.8 | 4.4 |
| Peru | 4.6 | → | 61 | 3.6 | 5.1 | ↗ | 7.1 | 9.9 | 6.4 | 9.3 | 0.0 | 4.6 | 5.5 | 2.0 | 2.8 | 0.0 | 4.2 | ↗ | 3.6 | 4.7 |
| Philippines | 5.3 | → | 35 | 6.0 | 7.8 | ↘ | 8.4 | 10.0 | 7.2 | 9.3 | 9.5 | 4.1 | 6.8 | 7.0 | 8.8 | 7.0 | 4.7 | → | 4.0 | 4.9 |
| Poland | 1.7 | → | 168 | 4.3 | 1.2 | → | 2.2 | 1.3 | 6.1 | 0.0 | 0.0 | 1.8 | 2.3 | 0.1 | 0.1 | 0.0 | 1.4 | → | 0.8 | 0.7 |
| Portugal | 1.6 | → | 169 | 4.3 | 1.8 | → | 3.3 | 3.7 | 3.7 | 6.2 | 0.3 | 2.5 | 1.8 | 0.0 | 0.0 | 0.0 | 1.1 | → | 1.1 | 1.1 |
| Qatar | 1.3 | → | 180 | 5.7 | 0.8 | → | 1.4 | 0.1 | 0.0 | 1.6 | 0.0 | 3.1 | 3.1 | 0.1 | 0.1 | 0.0 | 1.0 | ↘ | 1.2 | 0.9 |
| Romania | 2.8 | → | 126 | 3.8 | 3.5 | ↗ | 4.1 | 6.6 | 7.0 | 0.0 | 0.0 | 2.8 | 4.6 | 2.8 | 4.0 | 0.0 | 1.7 | → | 1.9 | 1.8 |
| Russian Federation | 4.0 | ↘ | 82 | 1.8 | 6.2 | → | 5.5 | 5.1 | 8.4 | 5.5 | 3.8 | 5.3 | 3.2 | 6.8 | 9.7 | 0.0 | 2.3 | ↘ | 1.7 | 1.7 |
| Rwanda | 4.7 | ↘ | 57 | 7.2 | 3.3 | ↗ | 3.6 | 4.5 | 4.4 | 0.0 | 0.0 | 5.1 | 5.8 | 3.0 | 4.3 | 0.0 | 6.1 | → | 6.4 | 8.4 |
| Saint Kitts & Nevis | 1.9 | ↘ | 156 | 4.0 | 1.5 | → | 2.8 | 4.2 | 0.1 | 0.0 | 6.9 | 0.0 | 2.9 | 0.0 | 0.0 | 0.0 | 1.5 | ↘ | 1.8 | 2.4 |
| Saint Lucia | 2.2 | → | 146 | 3.6 | 1.4 | → | 2.6 | 4.3 | 0.1 | 0.0 | 4.7 | 0.5 | 4.5 | 0.0 | 0.0 | 0.0 | 2.0 | ↘ | 2.8 | 2.4 |
| Saint Vincent and the Grenadines | 2.0 | → | 152 | 4.2 | 1.4 | → | 2.6 | 5.1 | 0.1 | 0.0 | 4.3 | 0.5 | 4.1 | 0.0 | 0.0 | 0.0 | 1.7 | ↘ | 2.7 | 3.5 |
| Samoa | 2.9 | → | 124 | 1.2 | 1.9 | → | 3.5 | 4.3 | 0.1 | 6.9 | 4.4 | 0.5 | 2.7 | 0.0 | 0.0 | 0.0 | 3.1 | → | 5.0 | 3.7 |
| Sao Tome and Principe | 2.5 | → | 135 | 3.7 | 0.7 | → | 1.3 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 5.9 | 0.0 | 0.0 | 0.0 | 3.9 | ↘ | 5.9 | 7.7 |
| Saudi Arabia | 2.5 | → | 135 | 3.2 | 3.8 | ↘ | 2.9 | 2.3 | 3.7 | 0.0 | 0.0 | 4.1 | 5.7 | 4.6 | 6.6 | 0.0 | 1.2 | ↗ | 1.2 | 0.9 |
| Senegal | 5.0 | → | 52 | 1.0 | 4.2 | ↗ | 4.8 | 0.1 | 4.8 | 6.4 | 0.0 | 7.5 | 6.3 | 3.6 | 5.2 | 0.0 | 5.1 | ↘ | 6.3 | 8.6 |
| Serbia | 3.1 | ↘ | 112 | 4.9 | 3.3 | → | 4.4 | 5.5 | 8.9 | 0.0 | 0.0 | 2.6 | 3.9 | 2.0 | 2.8 | 0.0 | 2.4 | ↘ | 1.8 | 1.6 |
| Seychelles | 2.0 | → | 152 | 5.4 | 1.5 | → | 2.8 | 0.1 | 0.1 | 8.6 | 0.0 | 0.0 | 2.6 | 0.0 | 0.0 | 0.0 | 1.7 | ↗ | 2.6 | 2.1 |
| Sierra Leone | 5.4 | → | 31 | 2.5 | 3.9 | ↗ | 3.9 | 0.1 | 4.6 | 5.8 | 0.0 | 1.0 | 7.7 | 3.8 | 5.4 | 0.0 | 5.7 | → | 7.2 | 9.7 |

KEY ↗ Increasing risk → Stable ↘ Decreasing risk
 *Reliability Index: more reliable 0 10 less reliable

*Countries with lower Reliability Index scores have risk scores that are based on more reliable data

| | Inequality | Aid dependency | Vulnerable groups | Uprooted people | Other vulnerable groups | Health conditions | Children U5 | Recent shocks | Food security | LACK OF COPING CAPACITY | 3 YR TREND | Institutional | DRR | Governance | Infrastructure | Communication | Physical Infrastructure | Access to health care | Infrastructure | LACK OF COPING CAPACITY |
|--|------------|----------------|-------------------|-----------------|-------------------------|-------------------|-------------|---------------|---------------|-------------------------|------------|---------------|-----|------------|----------------|---------------|-------------------------|-----------------------|----------------|-------------------------|
| | 5.0 | 1.4 | 1.7 | 2.6 | 0.8 | 0.5 | 1.3 | 1.2 | 0.0 | 4.8 | → | 5.6 | 5.6 | 5.5 | 3.9 | 3.4 | 3.7 | 4.5 | 3.9 | 4.8 |
| | 7.4 | 4.1 | 5.8 | 4.8 | 6.6 | 9.3 | 4.6 | 3.1 | 6.8 | 6.7 | ↘ | 4.7 | 2.1 | 7.3 | 8.1 | 7.8 | 8.8 | 7.6 | 8.1 | 6.7 |
| | 4.7 | 1.3 | 5.3 | 7.0 | 2.9 | 3.9 | 4.0 | 0.3 | 3.1 | 6.3 | → | 7.1 | 7.1 | 7.1 | 5.4 | 5.2 | 5.7 | 5.3 | 5.4 | 6.3 |
| | 7.4 | 1.1 | 3.5 | 2.8 | 4.1 | 5.9 | 3.2 | 0.0 | 5.9 | 5.0 | → | 4.5 | 4.3 | 4.7 | 5.5 | 4.6 | 6.7 | 5.2 | 5.5 | 5.0 |
| | x | 10.0 | 4.0 | 5.3 | 2.5 | 2.3 | 1.8 | 0.0 | 5.0 | 5.4 | → | 7.0 | 8.1 | 5.9 | 3.1 | 3.4 | 1.3 | 4.7 | 3.1 | 5.4 |
| | 4.2 | 4.5 | 3.3 | 3.7 | 2.8 | 2.3 | 4.3 | 1.8 | 2.7 | 5.8 | → | 6.2 | 5.4 | 6.9 | 5.3 | 4.7 | 5.0 | 6.2 | 5.3 | 5.8 |
| | 0.7 | 0.1 | 3.7 | 6.0 | 0.5 | 0.1 | 0.3 | 0.0 | 1.6 | 1.3 | → | 1.7 | 1.7 | 1.6 | 0.8 | 1.7 | 0.1 | 0.6 | 0.8 | 1.3 |
| | 1.8 | 0.1 | 1.2 | 1.8 | 0.5 | 0.1 | 0.4 | 0.0 | 1.4 | 1.8 | ↘ | 2.0 | 2.6 | 1.4 | 1.5 | 1.5 | 2.0 | 0.9 | 1.5 | 1.8 |
| | 5.7 | 2.6 | 1.7 | 0.9 | 2.4 | 1.0 | 1.3 | 2.6 | 4.3 | 5.2 | → | 5.8 | 4.7 | 6.9 | 4.6 | 4.0 | 5.0 | 4.7 | 4.6 | 5.2 |
| | 5.5 | 4.1 | 6.1 | 7.3 | 4.4 | 4.5 | 6.8 | 1.7 | 3.7 | 7.7 | → | 5.9 | 5.3 | 6.5 | 8.9 | 9.0 | 9.7 | 7.9 | 8.9 | 7.7 |
| | 4.5 | 1.0 | 6.6 | 7.9 | 4.9 | 6.1 | 7.4 | 0.5 | 3.7 | 6.5 | → | 5.0 | 2.8 | 7.1 | 7.6 | 6.4 | 7.2 | 9.3 | 7.6 | 6.5 |
| | 2.4 | 0.9 | 1.0 | 1.2 | 0.7 | 0.1 | 0.7 | 0.0 | 2.0 | 3.6 | → | 4.7 | 3.8 | 5.5 | 2.3 | 2.2 | 2.0 | 2.7 | 2.3 | 3.6 |
| | 0.6 | 0.0 | 3.6 | 5.9 | 0.4 | 0.2 | 0.2 | 0.0 | 1.0 | 1.6 | → | 1.8 | 2.3 | 1.3 | 1.3 | 1.7 | 1.9 | 0.3 | 1.3 | 1.6 |
| | 3.5 | 0.0 | 1.0 | 1.0 | 1.0 | 0.1 | 1.4 | 0.0 | 2.3 | 3.6 | → | 4.7 | x | 4.7 | 2.2 | 1.6 | 3.4 | 1.5 | 2.2 | 3.6 |
| | 4.7 | 1.0 | 6.2 | 7.6 | 4.2 | 1.8 | 6.4 | 2.2 | 5.3 | 5.6 | → | 5.3 | 4.0 | 6.5 | 5.9 | 6.4 | 5.0 | 6.3 | 5.9 | 5.6 |
| | x | 5.2 | 1.0 | 0.0 | 2.0 | 1.0 | 0.9 | 0.3 | 5.0 | 4.2 | → | 5.7 | 5.9 | 5.5 | 2.2 | 1.5 | 1.3 | 3.9 | 2.2 | 4.2 |
| | 2.2 | 8.1 | 7.8 | 10.0 | 1.0 | 0.0 | 1.0 | 0.0 | 2.8 | 3.8 | → | 5.8 | 5.8 | 5.8 | 1.1 | 2.7 | 0.3 | 0.3 | 1.1 | 3.8 |
| | 6.2 | 0.1 | 2.9 | 4.2 | 1.3 | 1.0 | 1.1 | 0.1 | 2.9 | 4.1 | → | 5.0 | 4.3 | 5.7 | 3.1 | 2.4 | 3.7 | 3.3 | 3.1 | 4.1 |
| | 7.1 | 1.3 | 4.5 | 4.3 | 4.6 | 5.7 | 5.2 | 3.3 | 3.9 | 7.3 | → | 6.8 | 6.7 | 6.8 | 7.8 | 7.0 | 9.8 | 6.7 | 7.8 | 7.3 |
| | 6.1 | 0.3 | 3.1 | 0.9 | 4.9 | 1.3 | 1.0 | 9.2 | 3.5 | 4.4 | → | 5.3 | 3.7 | 6.9 | 3.4 | 2.7 | 3.1 | 4.4 | 3.4 | 4.4 |
| | 4.8 | 0.2 | 4.8 | 6.9 | 1.7 | 0.9 | 1.0 | 1.8 | 3.0 | 4.5 | → | 4.8 | 3.6 | 5.9 | 4.1 | 2.8 | 4.7 | 4.8 | 4.1 | 4.5 |
| | 4.8 | 1.2 | 5.4 | 6.2 | 4.4 | 3.9 | 3.4 | 6.5 | 3.4 | 4.1 | → | 4.7 | 3.5 | 5.8 | 3.4 | 2.6 | 3.0 | 4.7 | 3.4 | 4.1 |
| | 1.7 | 0.2 | 2.0 | 3.3 | 0.4 | 0.2 | 0.4 | 0.0 | 0.8 | 2.8 | → | 4.1 | 4.3 | 3.9 | 1.3 | 1.6 | 0.1 | 2.2 | 1.3 | 2.8 |
| | 1.9 | 0.1 | 1.1 | 1.7 | 0.4 | 0.3 | 0.3 | 0.0 | 0.8 | 1.9 | ↘ | 2.8 | 2.6 | 3.0 | 1.0 | 2.1 | 0.0 | 0.8 | 1.0 | 1.9 |
| | 2.7 | 0.1 | 0.7 | 0.9 | 0.5 | 0.3 | 0.6 | 0.0 | 1.0 | 2.9 | → | 4.2 | 4.7 | 3.7 | 1.3 | 0.9 | 0.2 | 2.7 | 1.3 | 2.9 |
| | 3.4 | 0.4 | 1.5 | 2.5 | 0.4 | 0.5 | 0.6 | 0.0 | 0.4 | 3.5 | → | 4.6 | 3.8 | 5.3 | 2.3 | 2.2 | 1.0 | 3.6 | 2.3 | 3.5 |
| | 3.3 | 0.1 | 2.9 | 4.6 | 0.8 | 1.8 | 0.6 | 0.0 | 0.8 | 4.5 | → | 6.2 | x | 6.2 | 2.3 | 1.3 | 3.5 | 2.0 | 2.3 | 4.5 |
| | 4.9 | 3.9 | 5.8 | 6.6 | 4.9 | 5.1 | 2.8 | 0.1 | 8.4 | 5.1 | → | 3.8 | 3.0 | 4.5 | 6.2 | 6.7 | 6.3 | 5.7 | 6.2 | 5.1 |
| | x | 0.5 | 1.1 | 0.9 | 1.3 | 0.0 | 1.1 | 0.0 | 3.5 | 3.0 | ↗ | 4.0 | 4.0 | 3.9 | 1.8 | 1.8 | 0.4 | 3.1 | 1.8 | 3.0 |
| | 5.5 | 0.8 | 1.2 | 0.0 | 2.3 | 0.8 | 1.0 | 0.0 | 6.0 | 3.9 | → | 4.9 | 5.2 | 4.5 | 2.7 | 3.5 | 0.6 | 4.1 | 2.7 | 3.9 |
| | x | 1.2 | 0.5 | 0.0 | 0.9 | 0.0 | 1.2 | 0.0 | 2.1 | 3.4 | ↘ | 4.4 | x | 4.4 | 2.3 | 3.1 | 0.8 | 3.1 | 2.3 | 3.4 |
| | 4.2 | 8.5 | 0.6 | 0.0 | 1.1 | 1.9 | 1.0 | 0.0 | 1.3 | 4.1 | → | 4.2 | 4.6 | 3.8 | 3.9 | 3.7 | 1.7 | 6.4 | 3.9 | 4.1 |
| | 4.4 | 3.8 | 1.2 | 0.0 | 2.3 | 3.5 | 2.9 | 0.0 | 2.5 | 5.4 | → | 6.0 | x | 6.0 | 4.7 | 4.4 | 4.3 | 5.5 | 4.7 | 5.4 |
| | 3.1 | 0.0 | 1.1 | 1.5 | 0.6 | 0.1 | 0.6 | 0.0 | 1.7 | 3.6 | → | 4.8 | x | 4.8 | 2.1 | 1.9 | 3.2 | 1.1 | 2.1 | 3.6 |
| | 5.4 | 2.4 | 3.6 | 4.5 | 2.6 | 3.2 | 3.3 | 0.0 | 3.5 | 5.7 | → | 5.2 | 4.7 | 5.6 | 6.2 | 6.1 | 6.1 | 6.3 | 6.2 | 5.7 |
| | 1.7 | 2.3 | 3.0 | 4.7 | 0.9 | 0.2 | 0.4 | 0.1 | 2.8 | 3.8 | → | 5.2 | 4.9 | 5.4 | 2.0 | 1.9 | 1.9 | 2.3 | 2.0 | 3.8 |
| | 5.5 | 0.5 | 0.7 | 0.0 | 1.3 | 0.2 | 1.0 | 0.0 | 3.7 | 3.3 | → | 4.1 | 4.3 | 3.8 | 2.4 | 1.7 | 0.9 | 4.7 | 2.4 | 3.3 |
| | 5.5 | 3.9 | 3.5 | 0.9 | 5.4 | 7.0 | 6.3 | 0.0 | 6.1 | 7.0 | → | 5.4 | 3.5 | 7.2 | 8.1 | 7.7 | 8.4 | 8.2 | 8.1 | 7.0 |

KEY ↗ Increasing risk → Stable ↘ Decreasing risk
 *Reliability Index: more reliable 0 10 less reliable

*Countries with lower Reliability Index scores have risk scores that are based on more reliable data

| COUNTRY | INFORM RISK | 3 YR TREND | RANK | RELIABILITY INDEX* | HAZARD & EXPOSURE | 3 YR TREND | Natural | Earthquake | Flood | Tsunami | Tropical cyclone | Drought | Epidemic | Human | Projected conflict risk | Current highly violent conflict intensity | VULNERABILITY | 3 YR TREND | Socio-Economic Vulnerability | Development & Deprivation |
|--------------------------|-------------|------------|------|--------------------|-------------------|------------|---------|------------|-------|---------|------------------|---------|----------|-------|-------------------------|---|---------------|------------|------------------------------|---------------------------|
| Singapore | 0.5 | → | 191 | 3.2 | 0.5 | → | 0.9 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 4.3 | 0.1 | 0.1 | 0.0 | 0.3 | → | 0.2 | 0.0 |
| Slovakia | 1.6 | → | 169 | 5.7 | 1.6 | → | 2.9 | 4.2 | 6.7 | 0.0 | 0.0 | 2.0 | 1.9 | 0.1 | 0.1 | 0.0 | 0.9 | → | 0.9 | 0.9 |
| Slovenia | 1.2 | → | 182 | 3.0 | 1.9 | → | 3.5 | 6.1 | 4.0 | 5.7 | 0.0 | 1.5 | 1.4 | 0.0 | 0.0 | 0.0 | 0.6 | → | 0.2 | 0.1 |
| Solomon Islands | 4.7 | ↘ | 57 | 6.6 | 3.8 | → | 5.8 | 8.4 | 0.1 | 8.7 | 4.1 | 3.3 | 5.6 | 1.1 | 1.5 | 0.0 | 4.1 | ↘ | 6.0 | 7.1 |
| Somalia | 8.9 | → | 1 | 4.0 | 8.9 | → | 6.9 | 1.6 | 7.5 | 8.1 | 1.0 | 10.0 | 6.3 | 10.0 | 10.0 | 10.0 | 9.1 | → | 9.0 | 8.7 |
| South Africa | 4.8 | → | 55 | 3.8 | 5.9 | ↗ | 5.0 | 2.0 | 5.0 | 4.9 | 0.4 | 8.8 | 4.8 | 6.6 | 9.4 | 0.0 | 4.6 | ↘ | 4.2 | 4.5 |
| South Sudan | 8.1 | ↗ | 3 | 3.6 | 6.4 | ↘ | 4.0 | 2.8 | 7.1 | 0.0 | 0.0 | 3.7 | 7.0 | 8.0 | 10.0 | 8.0 | 8.8 | → | 8.8 | 10.0 |
| Spain | 2.2 | → | 146 | 3.3 | 2.7 | ↗ | 4.1 | 3.5 | 5.4 | 7.0 | 0.0 | 4.5 | 2.1 | 1.1 | 1.5 | 0.0 | 2.1 | ↗ | 0.6 | 0.2 |
| Sri Lanka | 3.7 | → | 96 | 3.6 | 4.1 | ↗ | 5.2 | 0.1 | 6.1 | 8.5 | 3.6 | 3.5 | 5.9 | 2.9 | 4.2 | 0.0 | 3.0 | ↘ | 2.6 | 2.6 |
| Sudan | 6.9 | → | 10 | 3.1 | 7.3 | → | 4.4 | 0.1 | 8.0 | 0.0 | 0.0 | 6.9 | 6.1 | 9.0 | 10.0 | 9.0 | 6.8 | ↘ | 5.7 | 8.6 |
| Suriname | 3.1 | → | 112 | 5.4 | 2.2 | → | 3.9 | 0.1 | 8.6 | 3.2 | 0.0 | 1.5 | 5.2 | 0.1 | 0.1 | 0.0 | 2.7 | → | 3.9 | 4.7 |
| Sweden | 1.5 | → | 174 | 6.7 | 0.7 | → | 1.2 | 0.1 | 3.2 | 0.0 | 0.0 | 1.5 | 1.7 | 0.1 | 0.1 | 0.0 | 3.1 | → | 0.3 | 0.0 |
| Switzerland | 1.4 | → | 176 | 2.2 | 1.2 | → | 2.2 | 5.1 | 4.3 | 0.0 | 0.0 | 0.5 | 1.9 | 0.1 | 0.1 | 0.0 | 2.4 | → | 0.3 | 0.0 |
| Syria | 7.3 | → | 6 | 1.6 | 8.6 | → | 5.6 | 7.8 | 5.2 | 5.6 | 0.0 | 7.2 | 5.4 | 10.0 | 10.0 | 10.0 | 7.8 | → | 7.5 | 6.4 |
| Tajikistan | 4.5 | → | 67 | 2.2 | 5.2 | ↗ | 5.8 | 9.3 | 5.4 | 0.0 | 0.0 | 7.6 | 6.1 | 4.6 | 6.5 | 0.0 | 3.4 | → | 4.5 | 5.3 |
| Tanzania | 5.6 | ↘ | 29 | 3.9 | 4.8 | ↗ | 5.0 | 4.8 | 5.8 | 5.9 | 0.8 | 4.9 | 6.6 | 4.6 | 6.6 | 0.0 | 5.9 | → | 5.8 | 8.2 |
| Thailand | 4.1 | → | 78 | 4.1 | 5.5 | → | 6.2 | 2.1 | 8.8 | 7.2 | 4.9 | 5.7 | 5.7 | 4.8 | 6.9 | 0.0 | 3.1 | → | 2.3 | 2.4 |
| Timor-Leste | 4.5 | → | 67 | 4.5 | 3.4 | → | 4.5 | 6.3 | 1.7 | 6.0 | 3.6 | 1.5 | 6.1 | 2.1 | 3.0 | 0.0 | 4.2 | ↘ | 5.0 | 7.4 |
| Togo | 4.6 | → | 61 | 5.6 | 2.5 | ↗ | 2.9 | 0.1 | 4.3 | 0.0 | 0.0 | 2.5 | 7.4 | 2.1 | 3.0 | 0.0 | 5.2 | → | 6.4 | 8.4 |
| Tonga | 3.9 | → | 87 | 3.9 | 3.0 | → | 5.2 | 7.7 | 0.1 | 8.0 | 6.2 | 0.5 | 3.8 | 0.0 | 0.0 | 0.0 | 4.5 | ↗ | 5.4 | 3.5 |
| Trinidad & Tobago | 2.7 | ↗ | 128 | 2.4 | 1.9 | → | 3.0 | 6.3 | 0.3 | 0.0 | 2.4 | 2.3 | 4.9 | 0.6 | 0.8 | 0.0 | 3.0 | ↗ | 2.3 | 2.3 |
| Tunisia | 3.2 | → | 110 | 3.9 | 3.7 | ↗ | 4.6 | 5.7 | 3.8 | 7.5 | 0.0 | 5.3 | 2.8 | 2.7 | 3.9 | 0.0 | 1.8 | → | 2.7 | 3.1 |
| Turkey | 5.0 | ↗ | 52 | 6.4 | 7.9 | → | 6.2 | 9.7 | 5.7 | 7.0 | 0.0 | 2.6 | 6.2 | 9.0 | 9.6 | 9.0 | 4.9 | → | 2.3 | 2.2 |
| Turkmenistan | 2.6 | ↘ | 131 | 1.6 | 2.4 | → | 3.7 | 3.3 | 6.4 | 0.0 | 0.0 | 4.6 | 5.6 | 0.8 | 1.2 | 0.0 | 1.2 | ↘ | 1.6 | 2.4 |
| Tuvalu | 3.1 | ↘ | 112 | 1.3 | 1.6 | → | 3.0 | 0.1 | 0.1 | 8.3 | 0.1 | 0.5 | 4.2 | 0.0 | 0.0 | 0.0 | 3.7 | ↘ | 5.1 | 4.6 |
| Uganda | 6.5 | ↘ | 15 | 5.1 | 5.5 | ↗ | 4.3 | 4.0 | 5.1 | 0.0 | 0.0 | 5.2 | 7.9 | 6.5 | 9.3 | 0.0 | 6.9 | → | 6.4 | 8.5 |
| Ukraine | 4.7 | ↘ | 57 | 3.4 | 5.4 | ↘ | 3.2 | 2.5 | 7.1 | 0.0 | 0.0 | 3.3 | 3.9 | 7.0 | 10.0 | 7.0 | 3.9 | ↘ | 1.8 | 1.7 |
| United Arab Emirates | 1.9 | → | 156 | 4.7 | 2.3 | → | 4.1 | 0.1 | 3.8 | 7.0 | 1.8 | 4.1 | 5.5 | 0.1 | 0.1 | 0.0 | 1.5 | ↗ | 1.1 | 0.7 |
| United Kingdom | 1.8 | → | 164 | 3.7 | 1.9 | ↗ | 2.3 | 0.6 | 4.8 | 4.9 | 0.0 | 0.5 | 1.5 | 1.4 | 2.0 | 0.0 | 2.2 | → | 0.5 | 0.0 |
| United States of America | 3.4 | ↗ | 105 | 4.4 | 6.7 | ↗ | 6.6 | 7.9 | 6.4 | 7.9 | 7.6 | 4.5 | 4.0 | 6.7 | 9.6 | 0.0 | 2.9 | ↘ | 0.8 | 0.0 |
| Uruguay | 1.8 | → | 164 | 4.4 | 1.0 | → | 1.8 | 0.3 | 3.9 | 0.0 | 0.0 | 2.5 | 3.0 | 0.1 | 0.1 | 0.0 | 2.0 | ↗ | 1.9 | 1.9 |
| Uzbekistan | 3.1 | → | 112 | 3.0 | 3.8 | → | 5.3 | 8.1 | 6.3 | 0.0 | 0.0 | 6.6 | 6.1 | 2.0 | 2.9 | 0.0 | 1.9 | → | 3.0 | 3.8 |
| Vanuatu | 4.1 | ↘ | 78 | 5.6 | 3.0 | → | 5.2 | 7.7 | 0.1 | 8.5 | 4.5 | 1.5 | 4.4 | 0.0 | 0.0 | 0.0 | 4.1 | ↘ | 6.0 | 7.0 |
| Venezuela | 4.6 | → | 61 | 5.3 | 6.0 | ↗ | 6.1 | 9.2 | 5.6 | 6.8 | 4.6 | 1.3 | 5.4 | 5.9 | 8.4 | 0.0 | 3.5 | → | 3.0 | 2.8 |
| Viet Nam | 3.8 | → | 92 | 3.7 | 5.6 | ↗ | 7.3 | 4.1 | 10.0 | 7.4 | 7.9 | 3.4 | 6.9 | 3.1 | 4.4 | 0.0 | 2.2 | → | 3.3 | 4.3 |
| Yemen | 8.1 | → | 3 | 1.2 | 8.3 | → | 4.0 | 2.1 | 4.8 | 5.5 | 0.0 | 2.6 | 6.9 | 10.0 | 10.0 | 10.0 | 8.2 | ↗ | 7.6 | 8.8 |
| Zambia | 4.3 | ↘ | 71 | 1.6 | 2.2 | → | 3.4 | 2.8 | 5.5 | 0.0 | 0.0 | 3.3 | 6.5 | 0.9 | 1.3 | 0.0 | 5.9 | → | 6.2 | 7.9 |
| Zimbabwe | 5.1 | ↘ | 47 | 1.4 | 4.2 | ↗ | 4.7 | 2.2 | 6.0 | 0.0 | 0.4 | 9.0 | 4.8 | 3.6 | 5.2 | 0.0 | 5.4 | → | 5.8 | 7.7 |

KEY ↗ Increasing risk → Stable ↘ Decreasing risk
 *Reliability Index: more reliable 0 10 less reliable

*Countries with lower Reliability Index scores have risk scores that are based on more reliable data

| | Inequality | Aid dependency | Vulnerable groups | Uprooted people | Other vulnerable groups | Health conditions | Children U5 | Recent shocks | Food security | LACK OF COPING CAPACITY | 3 YR TREND | Institutional | DRR | Governance | Infrastructure | Communication | Physical Infrastructure | Access to health care | Infrastructure | LACK OF COPING CAPACITY |
|--|------------|----------------|-------------------|-----------------|-------------------------|-------------------|-------------|---------------|---------------|-------------------------|------------|---------------|-----|------------|----------------|---------------|-------------------------|-----------------------|----------------|-------------------------|
| | 0.9 | 0.0 | 0.3 | 0.0 | 0.6 | 0.4 | 0.2 | 0.0 | 1.7 | 1.1 | → | 1.2 | 1.2 | 1.1 | 0.9 | 1.3 | 0.0 | 1.5 | 0.9 | 1.1 |
| | 1.4 | 0.4 | 0.9 | 1.1 | 0.7 | 0.1 | 0.4 | 0.0 | 2.3 | 2.6 | → | 3.8 | 3.4 | 4.2 | 1.3 | 1.9 | 0.1 | 1.8 | 1.3 | 2.6 |
| | 0.4 | 0.2 | 1.0 | 1.4 | 0.5 | 0.1 | 0.2 | 0.0 | 1.6 | 1.7 | → | 2.2 | 0.9 | 3.4 | 1.1 | 1.7 | 0.1 | 1.6 | 1.1 | 1.7 |
| | 3.0 | 6.6 | 1.4 | 0.0 | 2.6 | 4.8 | 2.1 | 0.1 | 2.8 | 6.6 | → | 6.5 | 6.6 | 6.3 | 6.6 | 6.3 | 7.8 | 5.6 | 6.6 | 6.6 |
| | 10.0 | 8.4 | 9.1 | 10.0 | 7.5 | 2.0 | 7.5 | 10.0 | 6.4 | 8.8 | → | 9.2 | x | 9.2 | 8.4 | 8.1 | 7.8 | 9.2 | 8.4 | 8.8 |
| | 7.4 | 0.3 | 5.0 | 6.6 | 2.8 | 6.0 | 2.1 | 0.0 | 1.9 | 4.2 | ↘ | 4.5 | 3.9 | 5.1 | 3.9 | 2.4 | 3.9 | 5.5 | 3.9 | 4.2 |
| | 5.3 | 10.0 | 8.7 | 10.0 | 5.8 | 5.4 | 6.8 | 0.6 | 8.1 | 9.5 | → | 9.4 | x | 9.4 | 9.5 | 9.0 | 9.8 | 9.6 | 9.5 | 9.5 |
| | 2.0 | 0.1 | 3.3 | 5.3 | 0.5 | 0.3 | 0.2 | 0.0 | 1.4 | 1.8 | → | 2.9 | 2.2 | 3.6 | 0.6 | 1.7 | 0.0 | 0.2 | 0.6 | 1.8 |
| | 4.2 | 1.1 | 3.4 | 4.5 | 2.1 | 0.4 | 2.7 | 2.1 | 3.0 | 4.0 | → | 4.7 | 3.6 | 5.8 | 3.3 | 3.0 | 2.8 | 4.1 | 3.3 | 4.0 |
| | 5.1 | 0.6 | 7.7 | 9.6 | 3.6 | 1.4 | 6.1 | 0.2 | 5.1 | 6.7 | → | 6.5 | 4.9 | 8.1 | 6.9 | 6.4 | 8.3 | 5.9 | 6.9 | 6.7 |
| | 5.9 | 0.3 | 1.4 | 1.3 | 1.4 | 1.1 | 1.4 | 0.0 | 3.0 | 5.1 | → | 6.0 | x | 6.0 | 4.0 | 2.5 | 4.1 | 5.5 | 4.0 | 5.1 |
| | 0.9 | 0.1 | 5.2 | 7.8 | 0.5 | 0.2 | 0.2 | 0.0 | 1.6 | 1.5 | → | 2.0 | 2.5 | 1.4 | 0.9 | 1.6 | 0.9 | 0.1 | 0.9 | 1.5 |
| | 1.2 | 0.1 | 4.1 | 6.5 | 0.5 | 0.2 | 0.3 | 0.0 | 1.3 | 0.9 | ↘ | 1.1 | 0.9 | 1.2 | 0.6 | 1.5 | 0.0 | 0.4 | 0.6 | 0.9 |
| | 7.3 | 10.0 | 8.0 | 10.0 | 2.6 | 0.5 | 1.8 | 1.4 | 5.6 | 5.7 | → | 6.7 | 4.6 | 8.7 | 4.4 | 4.2 | 2.7 | 6.3 | 4.4 | 5.7 |
| | 3.3 | 4.2 | 2.1 | 2.0 | 2.2 | 1.4 | 2.8 | 0.1 | 4.0 | 5.0 | ↗ | 6.0 | 4.6 | 7.4 | 3.9 | 3.2 | 4.4 | 4.0 | 3.9 | 5.0 |
| | 5.2 | 1.5 | 5.9 | 6.6 | 5.1 | 5.3 | 3.6 | 3.5 | 7.1 | 6.2 | → | 5.0 | 3.5 | 6.4 | 7.2 | 6.5 | 8.6 | 6.4 | 7.2 | 6.2 |
| | 4.1 | 0.2 | 3.9 | 5.5 | 1.9 | 1.3 | 1.1 | 2.4 | 2.7 | 3.9 | → | 5.0 | 4.7 | 5.3 | 2.7 | 2.0 | 1.9 | 4.1 | 2.7 | 3.9 |
| | 0.9 | 4.1 | 3.2 | 0.0 | 5.5 | 6.4 | 6.9 | 0.0 | 6.5 | 6.2 | → | 6.6 | 6.3 | 6.8 | 5.8 | 5.0 | 5.9 | 6.6 | 5.8 | 6.2 |
| | 6.1 | 2.6 | 3.7 | 3.6 | 3.8 | 5.3 | 4.6 | 0.0 | 4.3 | 7.7 | ↘ | 8.2 | 9.2 | 7.2 | 7.0 | 6.6 | 8.0 | 6.3 | 7.0 | 7.7 |
| | 4.4 | 10.0 | 3.5 | 0.0 | 5.9 | 2.1 | 0.8 | 10.0 | 4.2 | 4.4 | → | 5.6 | 5.8 | 5.4 | 2.9 | 2.9 | 0.2 | 5.5 | 2.9 | 4.4 |
| | 4.3 | 0.2 | 3.6 | 4.4 | 2.7 | 0.8 | 2.0 | 5.4 | 1.6 | 3.3 | → | 4.8 | 4.4 | 5.2 | 1.4 | 1.4 | 0.4 | 2.4 | 1.4 | 3.3 |
| | 3.0 | 1.4 | 0.8 | 1.2 | 0.4 | 0.3 | 0.8 | 0.1 | 0.4 | 4.7 | → | 5.9 | 6.4 | 5.4 | 3.2 | 3.2 | 2.7 | 3.8 | 3.2 | 4.7 |
| | 4.2 | 0.5 | 6.8 | 9.4 | 0.2 | 0.1 | 0.7 | 0.0 | 0.0 | 3.2 | → | 3.8 | 2.1 | 5.4 | 2.6 | 2.6 | 1.8 | 3.3 | 2.6 | 3.2 |
| | x | 0.0 | 0.8 | 0.0 | 1.6 | 0.3 | 3.6 | 0.0 | 2.0 | 5.8 | → | 7.7 | x | 7.7 | 2.9 | 2.6 | 3.3 | 2.8 | 2.9 | 5.8 |
| | 3.5 | 7.7 | 2.0 | 0.0 | 3.7 | 7.2 | 1.2 | 0.0 | 4.2 | 5.1 | → | 6.5 | x | 6.5 | 3.4 | 4.0 | 0.6 | 5.5 | 3.4 | 5.1 |
| | 5.8 | 2.7 | 7.4 | 8.7 | 5.4 | 5.9 | 3.1 | 0.3 | 8.7 | 7.2 | → | 6.8 | x | 6.8 | 7.5 | 7.0 | 9.0 | 6.5 | 7.5 | 7.2 |
| | 1.9 | 1.8 | 5.6 | 8.1 | 1.0 | 1.1 | 0.7 | 0.0 | 2.1 | 4.8 | ↘ | 6.4 | x | 6.4 | 2.6 | 2.1 | 1.4 | 4.2 | 2.6 | 4.8 |
| | 3.1 | 0.0 | 1.9 | 3.0 | 0.6 | 0.0 | 0.7 | 0.0 | 1.5 | 1.9 | → | 2.4 | 2.1 | 2.6 | 1.4 | 0.6 | 2.0 | 1.5 | 1.4 | 1.9 |
| | 1.8 | 0.1 | 3.6 | 5.8 | 0.4 | 0.3 | 0.3 | 0.0 | 1.0 | 1.5 | → | 2.1 | 2.1 | 2.1 | 0.9 | 1.5 | 0.0 | 1.1 | 0.9 | 1.5 |
| | 3.3 | 0.0 | 4.5 | 7.1 | 0.2 | 0.1 | 0.3 | 0.3 | 0.2 | 2.1 | → | 2.7 | 3.0 | 2.4 | 1.4 | 2.2 | 1.0 | 1.1 | 1.4 | 2.1 |
| | 3.6 | 0.1 | 2.1 | 3.3 | 0.8 | 0.6 | 0.8 | 0.6 | 1.3 | 2.8 | → | 3.8 | 4.0 | 3.6 | 1.7 | 1.6 | 2.4 | 1.2 | 1.7 | 2.8 |
| | 3.7 | 0.7 | 0.6 | 0.0 | 1.1 | 0.6 | 1.4 | 0.0 | 2.4 | 4.0 | ↘ | 4.8 | 2.6 | 6.9 | 3.0 | 2.9 | 2.9 | 3.3 | 3.0 | 4.0 |
| | 3.2 | 6.9 | 1.4 | 0.0 | 2.6 | 3.7 | 2.3 | 2.3 | 1.8 | 5.7 | → | 5.8 | 5.4 | 6.1 | 5.6 | 5.1 | 6.1 | 5.7 | 5.6 | 5.7 |
| | 6.1 | 0.1 | 3.9 | 5.0 | 2.6 | 1.2 | 1.5 | 0.0 | 6.1 | 4.5 | → | 5.3 | 2.5 | 8.0 | 3.7 | 2.7 | 3.6 | 4.8 | 3.7 | 4.5 |
| | 3.4 | 1.2 | 0.9 | 0.0 | 1.8 | 1.0 | 2.2 | 1.5 | 2.3 | 4.4 | → | 5.1 | 4.2 | 5.9 | 3.6 | 2.6 | 3.5 | 4.6 | 3.6 | 4.4 |
| | 6.5 | 6.2 | 8.7 | 10.0 | 5.7 | 1.2 | 6.6 | 1.9 | 9.0 | 7.8 | → | 8.6 | 8.5 | 8.7 | 6.8 | 5.7 | 7.2 | 7.4 | 6.8 | 7.8 |
| | 7.5 | 1.5 | 5.6 | 5.0 | 6.1 | 7.4 | 4.0 | 0.0 | 9.0 | 6.0 | → | 5.0 | 3.5 | 6.4 | 6.8 | 5.7 | 8.6 | 6.1 | 6.8 | 6.0 |
| | 5.9 | 2.0 | 5.0 | 4.0 | 5.9 | 6.1 | 3.2 | 0.3 | 9.4 | 5.9 | → | 5.1 | 2.6 | 7.6 | 6.6 | 5.6 | 7.7 | 6.6 | 6.6 | 5.9 |

INFORM RISK INDEX SOURCES

Hazards & Exposure

Earthquake

Physical exposure to extensive earthquake

GEM, JRC

M. Pagani, J. Garcia-Pelaez, R. Gee, K. Johnson, V. Poggi, R. Styron, G. Weatherill, M. Simionato, D. Viganò, L. Danciu, D. Monelli (2018). Global Earthquake Model (GEM) Seismic Hazard Map (version 2018.1 - December 2018), DOI: 10.13117/GEM-GLOBAL-SEISMIC-HAZARD-MAP-2018.1

<https://www.globalquakemodel.org/gem>

Physical exposure to intensive earthquake

GEM, JRC

M. Pagani, J. Garcia-Pelaez, R. Gee, K. Johnson, V. Poggi, R. Styron, G. Weatherill, M. Simionato, D. Viganò, L. Danciu, D. Monelli (2018). Global Earthquake Model (GEM) Seismic Hazard Map (version 2018.1 - December 2018), DOI: 10.13117/GEM-GLOBAL-SEISMIC-HAZARD-MAP-2018.1

<https://www.globalquakemodel.org/gem>

Tsunami

Physical exposure to tsunamis

UNDRR, JRC

UNISDR Global Risk Assessment 2015: GVM and IAVCEI, UNEP, CIMNE and associates and INGENIAR, FEWS NET and CIMA Foundation

<http://risk.preventionweb.net/capraviewer/download.jsp>

Flood

Physical exposure to flood

UNDRR, JRC

UNISDR Global Risk Assessment 2015: GVM and IAVCEI, UNEP, CIMNE and associates and INGENIAR, FEWS NET and CIMA Foundation.

<http://risk.preventionweb.net/capraviewer/download.jsp>

Tropical Cyclone

Physical exposure to Storm Surges

UNDRR, JRC

UNISDR Global Risk Assessment 2015: GVM and IAVCEI, UNEP, CIMNE and associates and INGENIAR, FEWS NET and CIMA Foundation.

<http://risk.preventionweb.net/capraviewer/download.jsp>

Physical exposure to extensive tropical cyclone

UNDRR, JRC

UNISDR Global Risk Assessment 2015: GVM and IAVCEI, UNEP, CIMNE and associates and INGENIAR, FEWS NET and CIMA Foundation.

<http://risk.preventionweb.net/capraviewer/download.jsp>

Physical exposure to intensive tropical cyclone

UNDRR, JRC

UNISDR Global Risk Assessment 2015: GVM and IAVCEI, UNEP, CIMNE and associates and INGENIAR, FEWS NET and CIMA Foundation.

<http://risk.preventionweb.net/capraviewer/download.jsp>

Drought

Agriculture Stress Index Probability

FAO

<http://www.fao.org/giews/earthobservation/asis>

People affected by droughts

EMERGENCY EVENTS DATABASE (EM-DAT), CENTRE FOR RESEARCH ON THE EPIDEMIOLOGY OF DISASTERS (CRED)

D. Guha-Sapir, R. Below, Ph. Hoyois - EM-DAT: International Disaster Database - www.emdat.be - Université Catholique de Louvain - Brussels - Belgium.

<http://www.emdat.be/>

Frequency of droughts events

EMERGENCY EVENTS DATABASE (EM-DAT), CENTRE FOR RESEARCH ON THE EPIDEMIOLOGY OF DISASTERS (CRED)

D. Guha-Sapir, R. Below, Ph. Hoyois - EM-DAT: International Disaster Database - www.emdat.be - Université Catholique de Louvain - Brussels - Belgium.

<http://www.emdat.be/>

Epidemic

Population exposed to CCHF

Messina JP, Pigott DM, Golding N, et al. The global distribution of Crimean-Congo hemorrhagic fever. *Trans R Soc Trop Med Hyg* 2015; 109: 503-13.

Messina JP, Pigott DM, Golding N, et al. The global distribution of Crimean-Congo hemorrhagic fever. *Trans R Soc Trop Med Hyg* 2015; 109: 503-13.

Population exposed to EVD

Pigott DM, Milllear, Anoushka I, Earl L, et al. Updates to the zoonotic niche map of Ebola virus disease in Africa. *Elife* 2016; 5: e16412.

Pigott DM, Golding N, Mylne A, et al. Mapping the zoonotic niche of Ebola virus disease in Africa. *Elife* 2014; 3: e04395. Pigott DM, Milllear, Anoushka I, Earl L, et al. Updates to the zoonotic niche map of Ebola virus disease in Africa. *Elife* 2016; 5: e16412.

Pigott DM, Golding N, Mylne A, et al. Mapping the zoonotic niche of Ebola virus disease in Africa. *Elife* 2014; 3: e04395.

Population exposed to Lassa Fever

Mylne AQN, Pigott DM, Longbottom J, et al. Mapping the zoonotic niche of Lassa fever in Africa. *Trans R Soc Trop Med Hyg* 2015; 109: 483–92.

Mylne AQN, Pigott DM, Longbottom J, et al. Mapping the zoonotic niche of Lassa fever in Africa. *Trans R Soc Trop Med Hyg* 2015; 109: 483–92.

Population exposed to MVD

Pigott DM, Golding N, Mylne A, et al. Mapping the zoonotic niche of Marburg virus disease in Africa. *Trans R Soc Trop Med Hyg* 2015; 109: 366–78

Pigott DM, Golding N, Mylne A, et al. Mapping the zoonotic niche of Marburg virus disease in Africa. *Trans R Soc Trop Med Hyg* 2015; 109: 366–78

Populations at risk of Plasmodium vivax malaria

MALARIA MAP PROJECT

Gething, P. W., Elyazar, I. R., Moyes, C. L., Smith, D. L., Battle, K. E., Guerra, C. A., Patil, A. P., Tatem, A. J., Howes, R. E., Myers, M. F., George, D. B., Horby, P., Wertheim, H. F., Price, R. N., Müller, I., Baird, J. K., ... Hay, S. I. (2012). A long neglected world malaria map: Plasmodium vivax endemicity in 2010. *PLoS neglected tropical diseases*, 6(9), e1814.

<https://map.ox.ac.uk/explorer/#/>

Population exposed to Zika

Messina, Jane; Kraemer, Moritz; Brady, Oliver; Pigott, David; Shearer, Freya; Weiss, Daniel; et al. (2016): Environmental suitability for Zika virus transmission. figshare. Dataset.

https://figshare.com/articles/Environmental_suitability_for_Zika_virus_transmission/2574298

Population at Risk to Aedes

Kraemer et al. *eLife* 2015;4:e08347. DOI: 10.7554/eLife.08347

Population exposed to Dengue

Messina JP, Brady OJ, Golding N, Kraemer MUG, Wint GRW, Ray SE, Pigott DM, Shearer FM, Johnson K, Earl L, Marczak LB, Shirude S, Davis Weaver N, Gilbert M, Velayudhan R, Jones P, Jaenisch T, Scott TW, Reiner RC and Hay SI (2019). The current and future global distribution and population at risk of dengue. *Nature Microbiology*

<https://www.nature.com/articles/s41564-019-0476-8>

Population exposed to West Nile fever

https://www.researchgate.net/publication/308876010_Climate_Change_Influences_on_the_Global_Potential_Distribution_of_the_Mosquito_Culex_quinquefasciatus_Vector_of_West_Nile_Virus_and_Lymphatic_Filariasis

Population density (people per sq. km of land area)

WORLD BANK

<http://data.worldbank.org/indicator/EN.POP.DNST>

Urban population growth (annual %)

WORLD BANK

<https://data.worldbank.org/indicator/SP.URB.GROW>

Population living in urban areas (%)

WORLD BANK

<http://data.worldbank.org/indicator/SP.URB.TOTL.IN.ZS>

Household size

UNDESA UNITED NATIONS, DEPARTMENT OF ECONOMIC AND SOCIAL AFFAIRS, POPULATION DIVISION (2018).

Household Size and Composition 2018. (POP/DB/PD/HSCD/2018).

<https://population.un.org/Household/index.html>

People using at least basic sanitation services

(% of population)

WHO/UNICEF JOINT MONITORING PROGRAMME (JMP) FOR WATER SUPPLY AND SANITATION

<https://washdata.org/>

People using at least basic drinking water services

(% of population)

WHO/UNICEF JOINT MONITORING PROGRAMME (JMP) FOR WATER SUPPLY AND SANITATION

<https://washdata.org/>

People practicing open defecation (% of population)

WHO/UNICEF JOINT MONITORING PROGRAMME (JMP) FOR WATER SUPPLY AND SANITATION

<https://unstats.un.org/sdgs/indicators/database/>

Proportion of population with basic handwashing facilities on premises (% of population)

WHO/UNICEF JOINT MONITORING PROGRAMME (JMP) FOR WATER SUPPLY AND SANITATION

<https://washdata.org/>

Number of vets

WAHIS, OIE

Copyright © World Organisation for Animal Health (OIE)

https://www.oie.int/wahis_2/public/wahid.php/Countryinformation/Veterinarians

HR capacity score: Food safety

WHO

<http://apps.who.int/gho/data/view.main.IHRSPARCTRYALL>

Population living in slums (% of urban population)

UN HABITAT

<http://data.worldbank.org/indicator/EN.POP.SLUM.UR.ZS>

Children under 5

UNDESA

United Nations, Department of Economic and Social Affairs, Population Division (2019). *World Population Prospects 2019*, Online Edition.

<https://population.un.org/wpp/Download/Standard/Population/>

Conflict Risk

Conflict Barometer - National Power Conflicts

HEIDELBERG INSTITUTE

Heidelberg Institute for International Conflict Research (HIK) (2019): Conflict Barometer 2018, Heidelberg

<http://www.hiik.de/en/konfliktbarometer/index.html>

Conflict Barometer - Subnational Conflicts

HEIDELBERG INSTITUTE

Heidelberg Institute for International Conflict Research (HIK) (2019): Conflict Barometer 2018, Heidelberg

<http://www.hiik.de/en/konfliktbarometer/index.html>

GCRI Violent Internal Conflict probability

EUROPEAN COMMISSION, JOINT RESEARCH CENTRE (JRC)

<http://conflictrisk.jrc.ec.europa.eu/>

Vulnerability

Poverty & Development

Human Development Index

UNDP HUMAN DEVELOPMENT REPORT

<http://hdr.undp.org/en/composite/HDI>

Multidimensional Poverty Index

UNDP HUMAN DEVELOPMENT REPORT

<http://hdr.undp.org/en/composite/MPI>

Inequality

Gender Inequality Index

UNDP HUMAN DEVELOPMENT REPORT

<http://hdr.undp.org/en/composite/GII>

Income Gini coefficient - Inequality in income or consumption

WORLD BANK

<http://data.worldbank.org/indicator/SI.POV.GINI>

Economical Dependency

Public aid per capita

FTS (OCHA); OECD DAC

<https://fts.unocha.org/>; <http://stats.oecd.org/Index.aspx?DataSetCode=TABLE2A>

Net ODA received (% of GNI)

WORLD BANK

<http://data.worldbank.org/indicator/DT.ODA.ODAT.GN.ZS>

Volume of remittances as a proportion of total GDP (%)

WORLD BANK

<https://data.worldbank.org/indicator/BX.TRF.PWKR.DT.GD.ZS>

Uprooted people

Refugees and asylum-seekers by country of asylum

UNHCR

Global Trends Report and Operational Portal, UNHCR

<http://www.unhcr.org>; <https://data2.unhcr.org/en/situations>

Internally displaced persons (IDPs)

INTERNAL DISPLACEMENT MONITORING CENTRE

IDMC Global Report on Internal Displacement 2018 Conflict Dataset

<http://www.internal-displacement.org>

Returned refugees

UNHCR

<http://www.unhcr.org>

Other Vulnerable Groups

Adult Prevalence of HIV-AIDS

WHO - GLOBAL HEALTH OBSERVATORY DATA REPOSITORY

<http://apps.who.int/ghodata>

Number of new HIV infections per 1,000 uninfected population

The Joint United Nations Programme on HIV/AIDS (UNAIDS)

<https://unstats.un.org/sdgs/indicators/database/>

Malaria incidence per 1,000 population at risk

GLOBAL MALARIA PROGRAMME AT WORLD HEALTH ORGANIZATION (WHO)

<https://unstats.un.org/sdgs/indicators/database/>

Incidence of Tuberculosis

WHO GLOBAL HEALTH OBSERVATORY DATA REPOSITORY

<http://apps.who.int/ghodata>

Number of people requiring interventions against neglected tropical diseases

NATIONAL NTD PROGRAMMES WITHIN MINISTRIES OF HEALTH, COMPILED BY WHO

<https://unstats.un.org/sdgs/indicators/database/>

Child Mortality

UN INTER-AGENCY GROUP FOR CHILD MORTALITY ESTIMATION (UNICEF, WHO, WORLD BANK, UN DESA POPULATION DIVISION)

www.childmortality.org

Children Under Weight

WORLD HEALTH ORGANIZATION, GLOBAL DATABASE ON CHILD GROWTH AND MALNUTRITION.

<http://www.who.int/nutgrowthdb/en>

Population affected by natural disasters in the last 3 years

EMERGENCY EVENTS DATABASE (EM-DAT), CENTRE FOR RESEARCH ON THE EPIDEMIOLOGY OF DISASTERS (CRED)

EM-DAT: The Emergency Events Database - Université catholique de Louvain (UCL) - CRED, D. Guha-Sapir Brussels, Belgium. www.emdat.be,

D. Guha-Sapir, R. Below, Ph. Hoyois - EM-DAT: International Disaster Database - www.emdat.be - Université Catholique de Louvain - Brussels - Belgium. <http://www.emdat.be/>

Average dietary supply adequacy

FAO

<http://www.fao.org/economic/ess/ess-fs/ess-fadata/en/>

Prevalence of undernourishment

FAO

<http://www.fao.org/economic/ess/ess-fs/ess-fadata/en/>

Lack of Coping Capacity

Governance

Government effectiveness

WORLDWIDE GOVERNANCE INDICATORS WORLD BANK

<http://info.worldbank.org/governance/wgi/>

Corruption Perception Index

TRANSPARENCY INTERNATIONAL

<http://cpi.transparency.org/>

DRR implementation

Hyogo Framework for Action

UNISDR

<http://preventionweb.net/applications/hfa/qbnhfa/>

Communication

Adult literacy rate

UNESCO

<http://stats.uis.unesco.org/unesco>

Access to electricity

WORLD BANK

<http://data.worldbank.org/indicator/EG.ELC.ACCS.ZS>

Internet Users

INTERNATIONAL TELECOMMUNICATION UNION, REDISTRIBUTED BY WORLD BANK

International Telecommunication Union, World Telecommunication/ICT Development Report and database.

<http://data.worldbank.org/indicator/IT.NET.USER.P2>

Mobile cellular subscriptions

INTERNATIONAL TELECOMMUNICATION UNION, REDISTRIBUTED BY WORLD BANK

International Telecommunication Union, World Telecommunication/ICT Development Report and database.

<http://data.worldbank.org/indicator/IT.CEL.SETS.P2>

Physical Connectivity

Improved sanitation facilities

WHO/UNICEF JOINT MONITORING PROGRAMME (JMP) FOR WATER SUPPLY AND SANITATION

<https://washdata.org/>

Improved water source

WHO/UNICEF JOINT MONITORING PROGRAMME (JMP) FOR WATER SUPPLY AND SANITATION

<https://washdata.org/>

Road density

OPENSTREETMAP OSM

<https://www.openstreetmap.org>

**People using at least basic sanitation services
(% of population)**

WHO/UNICEF JOINT MONITORING PROGRAMME (JMP)
FOR WATER SUPPLY AND SANITATION

<https://washdata.org/>

**People using at least basic drinking water services
(% of population)**

WHO/UNICEF JOINT MONITORING PROGRAMME (JMP)
FOR WATER SUPPLY AND SANITATION

<https://washdata.org/>

Access to health care

Current health expenditure per capita

WHO GLOBAL HEALTH OBSERVATORY DATA REPOSITORY

<http://apps.who.int/nha/database>

Coverage of DTP3 vaccine

WHO, UNICEF

<https://unstats.un.org/sdgs/indicators/database/>

Coverage of measles-containing vaccine

WHO, UNICEF

<https://unstats.un.org/sdgs/indicators/database/>

Coverage of pneumococcal conjugate vaccine

WHO, UNICEF

<https://unstats.un.org/sdgs/indicators/database/>

Physicians density

WHO

<https://unstats.un.org/sdgs/indicators/database/>

Maternal Mortality Ratio

WHO, UNICEF, UNFPA, WORLD BANK GROUP AND THE UNITED
NATIONS POPULATION DIVISION

The Maternal Mortality Estimation Group (composed of WHO, UNICEF, UNFPA, World Bank Group and the United Nations Population Division) prepares estimates and trends of this indicator.

<http://www.who.int/reproductivehealth/publications/monitoring/maternal-mortality-2015/en/>

Common

GHSL Population Grid

EUROPEAN COMMISSION, JOINT RESEARCH CENTRE (JRC)

Schiavina, Marcello; Freire, Sergio; MacManus, Kytt (2019): GHS population grid multitemporal (1975, 1990, 2000, 2015) R2019A. European Commission, Joint Research Centre (JRC) DOI: 10.2905/42E8BE89-54FF-464E-BE7B-BF9E64DA5218 PID:

<http://data.europa.eu/89h/0c6b9751-a71f-4062-830b-43c9f432370f>

<https://data.jrc.ec.europa.eu/dataset/0c6b9751-a71f-4062-830b-43c9f432370f>

Total population

UNDESA

United Nations, Department of Economic and Social Affairs, Population Division (2019). World Population Prospects 2019, Online Edition. Rev. 1.

<https://population.un.org/wpp/Download/Standard/Population/>

GDP per capita

WORLD BANK

<http://data.worldbank.org/indicator/NY.GDP.PCAP.CD>

INFORM

INFORM is a collaboration of the Inter-Agency Standing Committee and the European Commission. The Joint Research Centre of the European Commission is the scientific and technical lead of INFORM. This report is based on the data available at <https://drmkc.jrc.ec.europa.eu/inform-index>.

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