



INFORM COVID Risk Index Version 0.1.2 - 17 April 2020

Results and analysis

Background

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.

In response to the COVID-19 pandemic, INFORM has released a COVID Risk Index to support the specific decision-making needs of humanitarian and other organisations.

Purpose and scope

The INFORM COVID-19 Risk Index is a composite index that identifies: **“countries at risk from health and humanitarian impacts of COVID-19 that could overwhelm current national response capacity, and therefore lead to a need for additional international assistance”**.

The INFORM COVID-19 Risk Index is primarily concerned with structural risk factors, i.e. those that existed before the outbreak. It can be used to support prioritization of preparedness and early

response actions for the primary impacts of the pandemic, and identify countries where secondary impacts are likely to have the most critical humanitarian consequences.

The main scope of the INFORM COVID-19 Risk Index is global and regional risk-informed resource allocation, i.e. where comparable understanding of countries' risk is important. It cannot predict the impacts of the pandemic in individual countries. It does not consider the mechanisms behind secondary impacts - for example how a COVID-19 outbreak could increase conflict risk.

INFORM is working on developing other products that can help monitor changing risks as a result of the pandemic.

Methodology

Starting points

The [INFORM Epidemic Risk Index](#) is highly relevant, easily adapted and was developed through an [extensive process](#) prior to COVID-19. Therefore it has been used as the starting point for a COVID-19 specific risk index, with the structure and relevant indicators retained as far as possible.

The INFORM Epidemic Risk Index consists of Hazard & Exposure, Vulnerability and Lack of Coping Capacity dimensions. The Person to Person component of Hazard & Exposure is the most relevant to COVID-19 and is used alone.

Vulnerability and Lack of Coping Capacity consist of hazard dependent (specific to the epidemic hazard) and hazard independent (relevant to all

hazards covered by the INFORM Global Risk Index). Both parts are retained:

- There are many indicators or broader vulnerability and lack of coping capacity that are directly relevant for COVID-19.
- COVID-19 will compound existing risks (i.e. will not happen alone), so broader factors of vulnerability and lack of coping capacity are important when considering the humanitarian impact of the pandemic.

The main focus of the adaptation for COVID-19 is improvement of the hazard-dependent parts of the index (i.e. factors specific to COVID-19), but within the existing structure.

The COVID-19 Risk Index (like other INFORM risk indexes) is focused on structural factors. It does not contain rapidly changing information, for example on cases, government restrictions, and changing health system capacity in response to the pandemic. However, INFORM is looking at how dynamic risk information on COVID-19 can be organised and potentially aggregated for use in conjunction with the risk index.

Only risk factors for which there is sufficient evidence are included.

Key changes to the INFORM Epidemic Risk Index analytical framework

The following changes were made to the original INFORM Epidemic Risk Index analytical framework. The full analytical framework for the INFORM COVID-19 Risk Index is shown on Page 2.¹ The previously published INFORM Risk methodology is applied.²

The changes to the analytical framework are based on literature review and expert input and take into account: 1) the most relevant and certain factors relating to COVID-19; 2) availability of comprehensive and quality indicators that measure the identified factors directly or by proxy.

¹ Poljanšek, K., Marin-Ferrer, M., Vernaccini, L., Messina, L., Incorporating epidemics risk in the INFORM Global Risk Index, EUR 29603 EN, Publications Office of the European Union, Luxembourg, 2018, ISBN 978-92-79-98670-3, doi:10.2760/647382, JRC114652

² [Marin-Ferrer, M., Vernaccini, L. and Poljansek, K., Index for Risk Management INFORM Concept and Methodology Report — Version 2017, EUR 28655 EN, doi:10.2760/094023](#)

All of the research around COVID-19 is new. Only factors where there is sufficient published or pre-publication evidence, or that are widely accepted and publicized by credible organisations are included.

Hazard & Exposure

- Only the Person to Person component is used.

Vulnerability

- Movement and behaviour components retained. Although these are less relevant during restrictions on movement, they will become more relevant when restrictions are partially or fully lifted.
- Demographic and Comorbidities specific to COVID-19 added.
- Less relevant vulnerable groups removed.

Lack of Coping Capacity

- Health system capacity specific to COVID-19 added.
- Less relevant institutional and infrastructure capacities removed.

Analysis

In this paper, we show how the INFORM COVID Risk Index can be used with other INFORM products to support prioritisation of preparedness and early response activities for the pandemic.

We also discuss the relevant importance of COVID-specific vulnerabilities and broader vulnerabilities in countries from different income groups.

Access to data, revisions and updates

The INFORM COVID-19 Risk Index may be revised to take into account feedback or increased scientific understanding of the pandemic and its effects. However, since most of the data is structural, there is no plan to update the index on a regular basis.

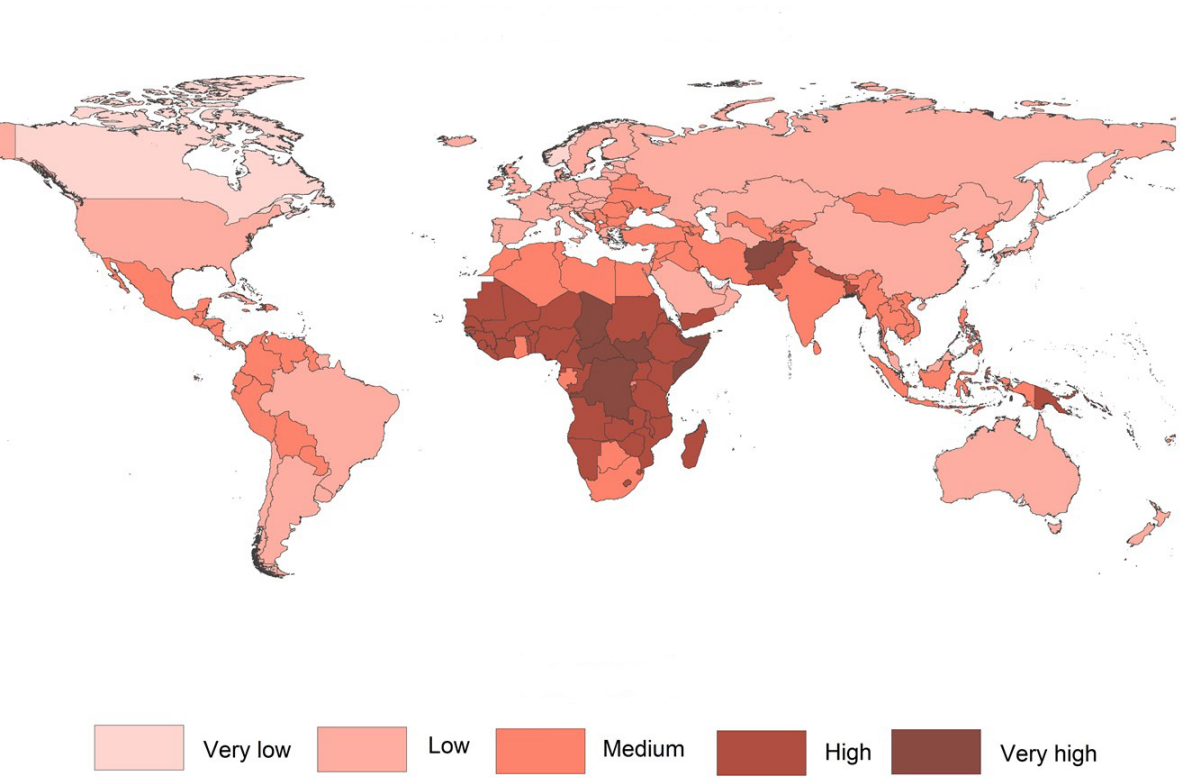
The latest version of the index and other INFORM products can be found on the [INFORM website](#) or [HDX page](#).

INFORM COVID Risk Index analytical framework

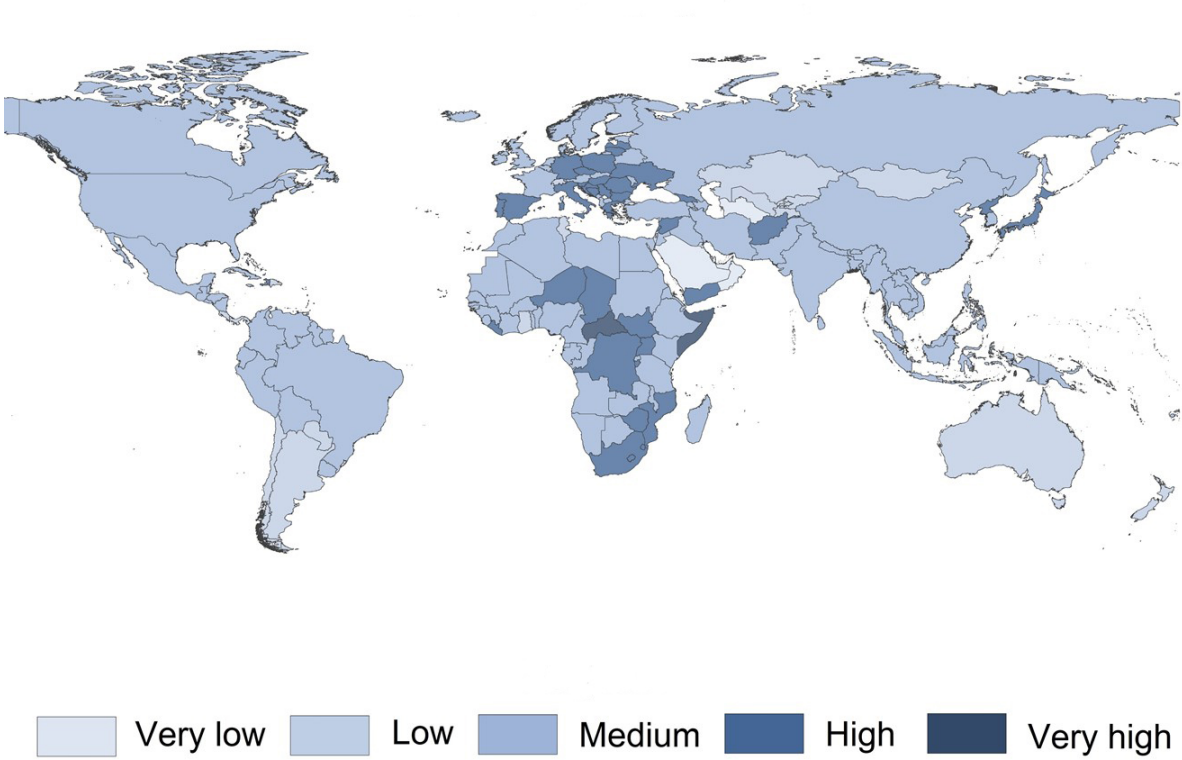
Dimension	Category	Component	Sub-component	Sub-component
Hazard & Exposure	Person to person	Population	Population density	
			Urban population growth	
			Population living in urban areas	
			Population living in slums	
			Household size	
		WaSH	Sanitation	
			Drinking water	
			Hygiene	
Vulnerability	Covid-19 Vulnerability	Movement (25%)	International movement	Air transport, passengers carried
				International tourism, number of arrivals
				Point of entry
			Internal movement	Access to Cities
				Road density
		Behaviour (25%)	Awareness	Adult literacy rate
				Mobile cellular subscriptions
				Internet users
			Trust	
		Demographic and Comorbidities (50%)	Proportion of the population at increased risk of severe COVID-19 disease	1+ underlying conditions plus 0 conditions (50+ yrs)
	INFORM Vulnerability	Socio-Economic Vulnerability	Development & Deprivation	Human Development Index
				Multidimensional Poverty Index
			Inequality	Gender Inequality Index
				Gini Index
			Economic Dependency Index	Public Aid per capita (US\$)
				Net ODA received (% of GNI)
				Volume of remittances
		Vulnerable Groups	Uprooted people	
			Health Conditions	HIV
				Incidence of Tuberculosis
				Malaria incidence per 1,000 population at risk
				People requiring interventions against neglected tropical diseases
			Food Security	Food Availability Score
				Food Utilization Score
Lack of coping capacity	Covid-19 Lack of coping capacity	Health Capacity	Health system capacity specific to Covid-19	International Health Regulations Core Capacities average score
				Country Preparedness and Response Status for COVID-19
	INFORM Lack of coping capacity	Institutional	Governance	Corruption Perception Index
				Government Effectiveness
		Infrastructure	Access to health care	Health system capacity
				Immunization coverage
				Per capita public and private expenditure on health care
				Maternal Mortality ratio

INFORM COVID Risk Index: Results

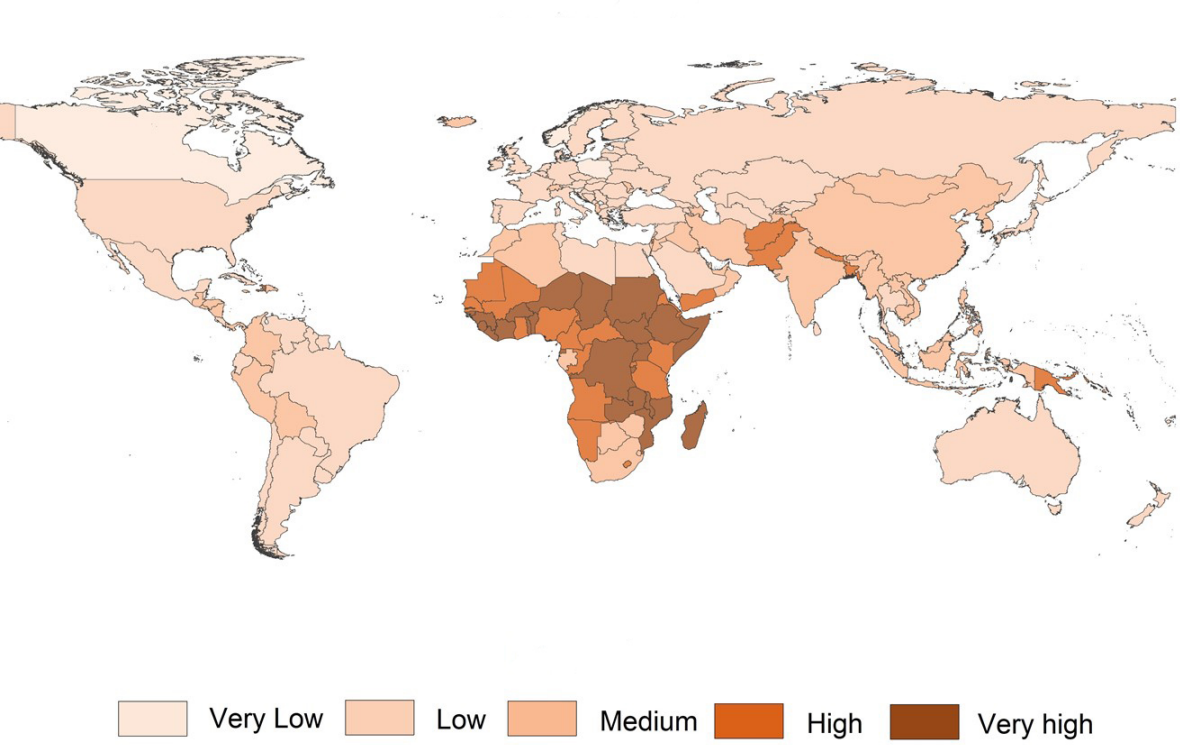
INFORM COVID Risk Index



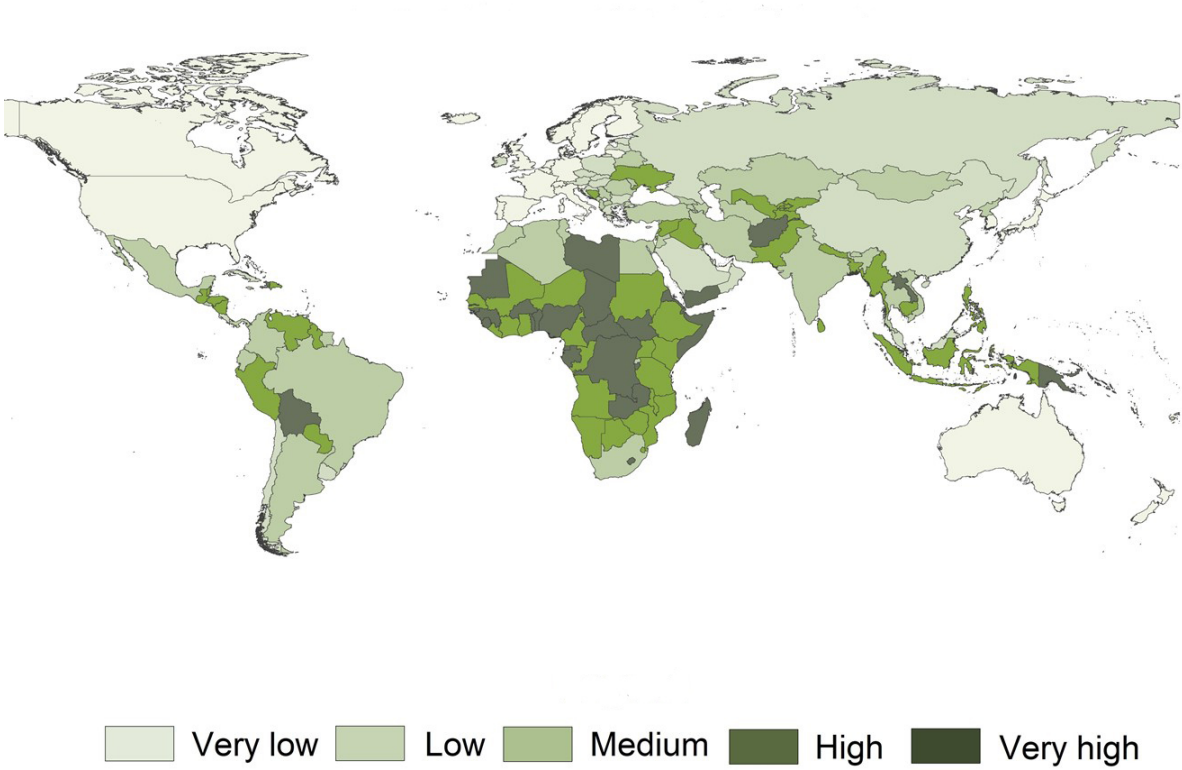
INFORM COVID Risk Index: Vulnerability dimension



INFORM COVID Risk Index: Hazard & Exposure dimension



INFORM COVID Risk Index: Lack of Coping Capacity dimension



INFORM COVID Risk Index: Results
(0-10 where 10 is higher risk or contribution to risk)

COUNTRY	P2P	COVID-19 HAZARD & EXPOSURE	Development & Deprivation	Inequality	Aid Dependency	Socio-Economic Vulnerability	Uprooted people	Health Conditions	Food Security	GBV	Vulnerable Groups	VULNERABILITY (Hazard-independent)	Movements	Behaviour	Demographic and co-morbidity	COVID-19 VULNERABILITY	VULNERABILITY	Governance	Institutional	Access to health care	Infrastructure	LACK OF COPING CAPACITY (Hazard-independent)	COVID-19 LACK OF COPING CAPACITY	LACK OF COPING CAPACITY	INFORM COVID-19 RISK	COVID-19 RISK CLASS	Rank
Afghanistan	6.4	6.4	8.6	7.7	6.8	7.9	9.7	2.1	7.8	10.0	8.5	8.2	2.2	8.4	1.6	3.5	6.4	8.2	8.2	8.3	8.3	8.3	7.0	7.7	6.8	Very High	5
Albania	3.6	3.6	1.9	2.1	2.3	2.1	0.9	0.2	1.8	3.7	1.7	1.9	5.4	4.7	6.4	5.7	4.1	5.7	5.7	3.7	3.7	4.8	5.0	4.9	4.2	Medium	88
Algeria	4.3	4.3	3.1	3.3	0.3	2.5	5.4	0.4	0.3	5.9	3.4	3.0	4.5	5.8	3.2	4.2	3.6	6.2	6.2	4.0	4.0	5.2	2.3	3.9	3.9	Medium	104
Angola	6.5	6.5	8.1	6.1	0.1	5.6	4.8	5.0	6.3	4.4	5.2	5.4	3.7	8.1	0.0	3.0	4.3	7.3	7.3	7.4	7.4	7.4	4.6	6.2	5.6	High	37
Antigua and Barbuda	2.8	2.8	2.5	x	3.7	2.9	0.0	0.0	5.8	x	2.4	2.7	5.4	1.1	4.8	4.0	3.4	5.0	5.0	3.7	3.7	4.4	5.4	4.9	3.6	Medium	131
Argentina	2.8	2.8	1.4	4.4	0.0	1.8	2.8	0.3	1.1	1.4	1.4	1.6	5.0	5.4	4.0	4.6	3.2	5.2	5.2	2.5	2.5	4.0	4.3	4.2	3.4	Low	139
Armenia	2.7	2.7	1.5	2.8	2.2	2.0	4.6	0.3	2.0	0.9	2.1	2.1	6.2	4.5	6.8	6.1	4.4	5.4	5.4	3.0	3.0	4.3	3.4	3.8	3.6	Medium	131
Australia	2.5	2.5	0.0	2.1	0.0	0.5	5.8	0.1	1.2	0.3	2.2	1.4	5.6	3.4	5.6	5.1	3.5	2.1	2.1	1.0	1.0	1.6	0.5	1.1	2.1	Low	183
Austria	2.5	2.5	0.0	1.2	0.1	0.3	7.0	0.1	0.2	0.5	2.6	1.5	6.7	3.7	8.4	6.8	4.7	2.2	2.2	0.6	0.6	1.4	3.3	2.4	3.0	Low	161
Azerbaijan	4.1	4.1	2.9	2.4	0.5	2.2	8.1	0.8	1.3	2.7	4.0	3.2	5.2	3.1	4.4	4.3	3.8	6.1	6.1	2.4	2.4	4.5	3.4	3.9	3.9	Medium	104
Bahamas	3.4	3.4	1.9	4.7	10.0	4.6	0.9	1.6	4.6	x	2.5	3.6	4.5	3.6	4.4	4.2	3.9	3.8	3.8	3.5	3.5	3.7	5.0	4.4	3.9	Medium	104
Bahrain	6.4	6.4	1.2	2.8	0.0	1.3	1.1	0.1	1.7	x	1.0	1.2	8.6	2.8	2.8	4.3	2.9	5.2	5.2	3.0	3.0	4.2	1.9	3.1	3.9	Medium	104
Bangladesh	5.7	5.7	7.4	4.5	1.8	5.3	7.7	2.0	4.3	4.9	5.1	5.2	6.1	7.0	1.2	3.9	4.6	7.0	7.0	5.3	5.3	6.2	4.6	5.5	5.2	High	48
Barbados	3.0	3.0	2.6	3.4	1.1	2.4	0.0	1.1	2.0	x	1.1	1.8	7.3	4.2	8.0	6.9	4.8	4.0	4.0	2.9	2.9	3.5	5.0	4.3	4.0	Medium	98
Belarus	2.9	2.9	1.7	0.9	0.4	1.2	1.8	0.6	1.2	0.4	1.0	1.1	7.1	2.2	8.0	6.3	4.2	5.6	5.6	1.6	1.6	3.9	5.0	4.5	3.8	Medium	112
Belgium	3.4	3.4	0.0	0.7	0.4	0.3	5.4	0.1	0.2	0.9	2.0	1.2	7.9	4.0	8.0	7.0	4.7	2.6	2.6	0.8	0.8	1.7	1.0	1.4	2.8	Low	168
Belize	2.6	2.6	4.1	5.2	1.2	3.7	3.6	1.3	2.4	x	2.5	3.1	3.8	7.2	2.4	4.0	3.6	6.2	6.2	4.6	4.6	5.5	5.9	5.7	3.8	Medium	112
Benin	7.0	7.0	8.7	7.0	1.8	6.6	1.3	4.5	2.4	4.4	3.3	5.2	2.9	7.9	0.4	2.9	4.1	6.0	6.0	6.8	6.8	6.4	7.0	6.7	5.8	High	27
Bhutan	3.9	3.9	7.2	4.5	1.9	5.2	0.0	1.5	4.3	8.5	4.5	4.9	2.4	5.0	1.6	2.7	3.9	3.8	3.8	5.0	5.0	4.4	4.9	4.6	4.1	Medium	91
Bolivia	4.6	4.6	5.9	5.4	1.2	4.6	0.9	1.1	5.0	3.9	2.9	3.8	4.6	6.7	2.0	3.8	3.8	6.3	6.3	5.0	5.0	5.7	7.5	6.7	4.9	Medium	61
Bosnia and Herzegovina	2.1	2.1	3.0	2.1	2.6	2.7	7.1	0.3	1.4	0.5	2.9	2.8	4.6	5.7	9.2	7.2	5.4	6.3	6.3	3.9	3.9	5.2	7.1	6.2	4.1	Medium	91
Botswana	3.9	3.9	3.4	6.7	0.5	3.5	2.2	4.2	7.0	x	4.8	4.2	2.2	4.6	5.2	4.3	4.3	4.1	4.1	4.8	4.8	4.5	7.4	6.2	4.7	Medium	67
Brazil	3.0	3.0	3.7	6.1	0.1	3.4	5.2	0.7	1.3	1.0	2.3	2.9	4.6	6.5	3.2	4.4	3.7	6.2	6.2	3.9	3.9	5.2	1.9	3.7	3.5	Medium	136
Brunei Darussalam	3.9	3.9	1.1	3.1	0.0	1.3	0.0	0.4	1.9	x	0.8	1.1	4.7	3.2	4.0	4.0	2.7	3.3	3.3	2.6	2.6	3.0	2.5	2.8	3.1	Low	156
Bulgaria	2.7	2.7	1.7	3.0	0.6	1.8	4.3	0.2	2.4	2.0	2.3	2.1	5.9	5.1	10.0	7.8	5.6	5.1	5.1	1.7	1.7	3.6	3.1	3.3	3.7	Medium	119
Burkina Faso	7.7	7.7	9.7	5.4	3.2	7.0	8.8	4.0	4.3	3.7	5.7	6.4	2.6	7.5	0.0	2.5	4.7	6.1	6.1	6.7	6.7	6.4	7.3	6.9	6.3	High	10
Burundi	6.8	6.8	9.6	5.2	4.8	7.3	6.8	3.5	8.8	7.6	7.1	7.2	4.1	6.9	0.0	2.8	5.4	8.0	8.0	7.0	7.0	7.5	7.6	7.6	6.5	Very High	8
Cabo Verde	4.7	4.7	5.0	5.3	4.1	4.9	0.0	1.7	3.7	1.5	1.8	3.5	4.3	4.7	2.0	3.3	3.4	4.3	4.3	4.7	4.7	4.5	6.5	5.6	4.5	Medium	76
Cambodia	4.9	4.9	7.5	6.3	1.9	5.8	0.0	2.7	4.7	4.3	3.1	4.6	4.3	5.9	2.0	3.6	4.1	7.1	7.1	6.0	6.0	6.6	5.2	5.9	4.9	Medium	61
Cameroon	6.4	6.4	7.9	6.5	2.1	6.1	9.0	6.3	2.6	5.8	6.5	6.3	3.2	6.5	0.0	2.4	4.6	7.1	7.1	6.8	6.8	7.0	5.6	6.4	5.7	High	31
Canada	2.0	2.0	0.0	1.7	0.0	0.4	6.2	0.1	0.6	0.9	2.4	1.5	5.7	3.4	6.8	5.7	3.9	2.0	2.0	1.9	1.9	2.0	0.1	1.1	2.0	Low	188
Central African Republic	6.5	6.5	10.0	8.5	10.0	9.6	9.8	8.8	9.6	7.9	9.2	9.4	1.1	9.3	0.4	2.8	7.3	8.0	8.0	9.3	9.3	8.7	9.4	9.1	7.6	Very High	1
Chad	7.7	7.7	10.0	7.0	7.0	8.5	8.6	3.6	8.5	6.5	7.2	7.9	2.7	8.4	0.0	2.8	5.9	8.1	8.1	9.8	9.8	9.1	7.3	8.3	7.2	Very High	4
Chile	2.9	2.9	1.1	4.6	0.0	1.7	3.4	0.6	1.6	1.1	1.7	1.7	4.9	4.3	4.8	4.7	3.3	3.1	3.1	3.0	3.0	3.1	2.6	2.8	3.0	Low	161

COUNTRY	P2P	COVID-19 HAZARD & EXPOSURE	Development & Deprivation	Inequality	Aid Dependency	Socio-Economic Vulnerability	Uprooted people	Health Conditions	Food Security	GBV	Vulnerable Groups	VULNERABILITY (Hazard-independent)	Movements	Behaviour	Demographic and co-morbidity	COVID-19 VULNERABILITY	VULNERABILITY	Governance	Institutional	Access to health care	Infrastructure	LACK OF COPING CAPACITY (Hazard-independent)	COVID-19 LACK OF COPING CAPACITY	LACK OF COPING CAPACITY	INFORM COVID-19 RISK	COVID-19 RISK CLASS	Rank
China	4.0	4.0	3.7	2.8	0.0	2.6	5.3	0.4	1.8	4.1	3.1	2.9	5.9	3.7	5.6	5.2	4.1	5.0	5.0	3.3	3.3	4.2	0.3	2.5	3.4	Low	139
Colombia	3.8	3.8	3.9	5.9	1.3	3.8	10.0	0.6	1.2	2.7	5.5	4.7	4.4	5.8	3.2	4.2	4.5	5.8	5.8	4.1	4.1	5.0	4.2	4.6	4.3	Medium	80
Comoros	6.6	6.6	7.9	5.1	3.9	6.2	0.0	2.7	7.3	0.9	3.3	4.9	2.7	7.9	0.0	2.7	3.9	7.9	7.9	5.7	5.7	6.9	9.1	8.2	6.0	High	19
Congo	5.9	5.9	6.8	6.9	1.0	5.4	7.4	5.7	9.0	6.7	7.4	6.5	2.7	6.2	0.8	2.6	4.8	7.8	7.8	6.9	6.9	7.4	5.2	6.4	5.7	High	31
Congo DR	7.9	7.9	9.2	6.5	1.9	6.7	9.0	5.5	9.2	8.8	8.4	7.7	2.8	7.5	0.0	2.6	5.7	8.2	8.2	7.0	7.0	7.7	5.8	6.9	6.8	Very High	5
Costa Rica	3.2	3.2	2.1	4.8	0.4	2.4	5.2	0.3	2.1	0.4	2.2	2.3	5.2	4.0	4.4	4.5	3.5	4.3	4.3	3.7	3.7	4.0	2.8	3.4	3.4	Low	139
Côte d'Ivoire	6.6	6.6	8.3	6.5	0.8	6.0	7.1	5.2	4.2	5.4	5.6	5.8	4.3	5.8	0.4	2.7	4.4	6.3	6.3	6.8	6.8	6.6	5.3	6.0	5.6	High	37
Croatia	2.4	2.4	1.3	1.6	0.8	1.3	1.2	0.1	1.7	0.6	0.9	1.1	7.6	5.6	9.6	8.1	5.6	4.7	4.7	2.1	2.1	3.5	2.6	3.1	3.5	Medium	136
Cuba	2.9	2.9	2.4	4.2	1.6	2.7	0.0	0.4	0.8	0.4	0.4	1.6	6.7	4.5	7.2	6.4	4.4	5.4	5.4	1.0	1.0	3.5	2.5	3.0	3.4	Low	139
Cyprus	2.9	2.9	0.5	1.7	0.4	0.8	9.0	0.1	3.1	0.8	4.5	2.9	6.9	4.4	5.6	5.6	4.4	3.7	3.7	2.5	2.5	3.1	2.6	2.8	3.3	Low	146
Czech Republic	2.8	2.8	0.2	1.0	0.3	0.4	2.3	0.1	1.6	0.6	1.2	0.8	6.8	5.3	9.6	7.8	5.3	3.8	3.8	0.9	0.9	2.5	2.9	2.7	3.4	Low	139
Denmark	2.9	2.9	0.0	0.7	0.1	0.2	5.2	0.1	1.4	0.7	2.1	1.2	8.2	2.7	8.8	7.1	4.8	1.3	1.3	1.1	1.1	1.2	0.2	0.7	2.1	Low	183
Djibouti	5.4	5.4	8.1	4.2	4.9	6.3	6.1	2.4	5.1	x	4.7	5.6	3.7	6.3	1.6	3.3	4.6	6.9	6.9	6.5	6.5	6.7	6.9	6.8	5.5	High	42
Dominica	3.9	3.9	3.5	x	3.1	3.4	0.0	0.6	2.3	x	1.0	2.3	6.4	4.1	x	5.3	4.0	5.1	5.1	5.9	5.9	5.5	4.0	4.8	4.2	Medium	88
Dominican Republic	4.2	4.2	3.8	5.6	1.0	3.6	0.0	1.3	3.1	1.8	1.6	2.7	5.5	6.4	2.4	4.2	3.5	6.5	6.5	4.9	4.9	5.8	5.1	5.5	4.3	Medium	80
Ecuador	3.5	3.5	3.8	5.1	0.8	3.4	6.0	0.7	2.9	2.6	3.3	3.4	4.3	6.4	2.0	3.7	3.6	5.9	5.9	4.3	4.3	5.2	3.9	4.6	3.9	Medium	104
Egypt	3.0	3.0	4.4	3.9	1.5	3.6	6.6	0.2	0.0	3.7	3.1	3.4	5.8	6.0	3.2	4.6	4.0	6.4	6.4	4.4	4.4	5.5	2.2	4.0	3.6	Medium	131
El Salvador	3.8	3.8	5.2	4.3	2.9	4.4	0.0	1.2	2.8	1.1	1.3	3.0	6.7	6.7	3.6	5.2	4.2	6.3	6.3	4.5	4.5	5.5	3.8	4.7	4.2	Medium	88
Equatorial Guinea	6.7	6.7	6.2	x	0.1	4.2	0.0	6.4	2.8	8.2	5.1	4.7	3.8	5.5	1.2	2.9	3.9	8.0	8.0	7.2	7.2	7.6	7.7	7.6	5.8	High	27
Eritrea	6.4	6.4	9.3	x	2.1	6.9	2.2	1.6	5.6	6.3	4.2	5.7	2.3	7.9	0.4	2.8	4.4	8.1	8.1	6.4	6.4	7.3	7.0	7.2	5.9	High	22
Estonia	2.3	2.3	0.4	1.6	0.3	0.7	1.2	0.8	1.6	1.4	1.2	1.0	5.3	3.4	9.6	7.0	4.7	2.6	2.6	1.8	1.8	2.2	2.6	2.4	3.0	Low	161
Eswatini	4.9	4.9	6.5	7.2	2.2	5.6	2.1	4.9	5.8	2.4	4.0	4.9	3.7	6.1	5.6	5.3	5.1	6.5	6.5	5.8	5.8	6.2	5.4	5.8	5.3	High	45
Ethiopia	7.6	7.6	9.4	5.2	2.8	6.7	8.2	3.1	5.6	6.1	6.1	6.4	3.6	6.3	0.0	2.5	4.7	6.3	6.3	7.3	7.3	6.8	4.6	5.8	5.9	High	22
Fiji	3.3	3.3	3.5	3.9	2.5	3.4	0.0	3.7	1.6	5.9	3.1	3.3	5.0	1.9	6.8	5.1	4.3	4.5	4.5	4.3	4.3	4.4	5.6	5.0	4.1	Medium	91
Finland	2.3	2.3	0.0	0.6	0.1	0.2	4.7	0.1	1.2	1.5	2.0	1.1	7.5	2.4	9.2	7.1	4.8	1.2	1.2	1.1	1.1	1.2	0.3	0.8	2.1	Low	183
France	2.8	2.8	0.2	1.3	0.2	0.5	7.1	0.3	0.8	0.8	2.9	1.8	7.5	5.3	7.6	7.0	4.9	2.6	2.6	0.9	0.9	1.8	2.2	2.0	3.0	Low	161
Gabon	5.0	5.0	5.5	5.2	0.8	4.3	1.3	6.3	2.8	6.6	4.6	4.5	1.7	5.8	1.6	2.7	3.7	6.8	6.8	6.0	6.0	6.4	6.8	6.6	5.0	High	56
Gambia	6.9	6.9	8.9	5.5	5.0	7.1	2.9	2.3	2.9	4.3	3.1	5.4	3.4	5.1	0.0	2.1	3.9	6.3	6.3	7.1	7.1	6.7	7.0	6.9	5.7	High	31
Georgia	3.1	3.1	2.3	4.0	3.0	2.9	8.7	1.0	2.8	1.0	4.4	3.7	6.1	4.3	8.0	6.6	5.3	4.1	4.1	3.3	3.3	3.7	4.2	4.0	4.0	Medium	98
Germany	2.2	2.2	0.0	1.4	0.1	0.4	8.2	0.1	0.8	1.7	3.6	2.1	8.7	4.1	9.2	7.8	5.6	1.9	1.9	0.4	0.4	1.2	0.5	0.8	2.1	Low	183
Ghana	5.5	5.5	7.1	5.9	1.2	5.3	3.5	4.7	1.1	3.8	3.4	4.4	3.7	4.8	0.8	2.5	3.5	5.7	5.7	5.8	5.8	5.8	5.2	5.5	4.7	Medium	67
Greece	2.2	2.2	0.6	2.2	2.5	1.5	6.6	0.2	1.1	0.9	2.7	2.1	7.7	5.6	8.8	7.7	5.6	4.8	4.8	1.5	1.5	3.3	2.5	2.9	3.3	Low	146
Grenada	2.7	2.7	2.7	x	1.2	2.2	0.0	0.1	5.7	x	2.4	2.3	5.8	3.9	4.8	4.8	3.7	5.1	5.1	3.9	3.9	4.5	5.0	4.8	3.6	Medium	131
Guatemala	4.6	4.6	6.7	6.2	1.9	5.4	7.0	1.1	4.0	1.6	3.8	4.6	3.9	7.2	1.6	3.6	4.1	6.9	6.9	5.4	5.4	6.2	5.7	5.9	4.8	Medium	64
Guinea	6.9	6.9	9.1	2.2	1.5	5.5	2.7	5.4	4.0	10.0	6.7	6.1	3.9	7.7	0.0	2.9	4.7	7.0	7.0	8.8	8.8	8.0	4.8	6.7	6.0	High	19
Guinea-Bissau	7.0	7.0	9.2	6.4	3.6	7.1	3.2	5.6	7.2	5.2	5.5	6.4	1.4	7.1	0.4	2.3	4.7	8.1	8.1	7.1	7.1	7.6	6.8	7.2	6.2	High	11
Guyana	2.4	2.4	4.5	6.6	2.1	4.4	0.8	4.0	2.6	x	2.6	3.6	2.9	6.2	3.6	4.1	3.9	5.8	5.8	4.9	4.9	5.4	5.0	5.2	3.7	Medium	119

COUNTRY	P2P	COVID-19 HAZARD & EXPOSURE	Development & Deprivation	Inequality	Aid Dependency	Socio-Economic Vulnerability	Uprooted people	Health Conditions	Food Security	GBV	Vulnerable Groups	VULNERABILITY (Hazard-independent)	Movements	Behaviour	Demographic and co-morbidity	COVID-19 VULNERABILITY	VULNERABILITY	Governance	Institutional	Access to health care	Infrastructure	LACK OF COPING CAPACITY (Hazard-independent)	COVID-19 LACK OF COPING CAPACITY	LACK OF COPING CAPACITY	INFORM COVID-19 RISK	COVID-19 RISK CLASS	Rank
Haiti	6.8	6.8	8.2	6.2	7.4	7.5	4.7	3.3	9.0	5.1	6.1	6.9	3.8	7.8	2.0	3.9	5.6	8.5	8.5	8.2	8.2	8.4	6.8	7.7	6.6	Very High	7
Honduras	4.3	4.3	6.4	6.4	3.4	5.7	7.1	1.1	3.4	1.9	3.8	4.8	4.0	6.0	1.6	3.3	4.1	6.8	6.8	4.8	4.8	5.9	7.1	6.5	4.9	Medium	61
Hungary	2.4	2.4	1.1	2.4	0.5	1.3	2.8	0.1	1.6	1.3	1.5	1.4	6.8	4.9	9.6	7.7	5.4	4.8	4.8	1.3	1.3	3.2	2.9	3.1	3.4	Low	139
Iceland	3.8	3.8	0.0	0.8	0.1	0.2	2.2	0.1	0.9	x	1.1	0.7	5.3	4.7	6.4	5.7	3.6	2.2	2.2	1.1	1.1	1.7	0.8	1.3	2.6	Low	175
India	4.7	4.7	6.6	4.7	0.4	4.6	6.1	2.2	4.4	3.8	4.3	4.5	5.6	5.3	3.6	4.5	4.5	5.2	5.2	5.6	5.6	5.4	3.8	4.6	4.6	Medium	73
Indonesia	4.4	4.4	4.7	4.7	0.2	3.6	3.4	2.7	2.2	4.2	3.2	3.4	6.1	4.3	3.6	4.4	3.9	5.3	5.3	6.1	6.1	5.7	4.4	5.1	4.4	Medium	77
Iran	3.6	3.6	2.1	5.2	0.1	2.4	8.0	0.1	1.3	2.5	3.8	3.1	5.1	5.1	3.2	4.2	3.7	6.7	6.7	3.2	3.2	5.2	2.0	3.8	3.7	Medium	119
Iraq	4.2	4.2	4.9	4.2	3.6	4.4	9.1	0.5	6.8	6.8	6.6	5.6	5.1	5.0	1.2	3.1	4.5	7.8	7.8	6.1	6.1	7.0	4.7	6.0	4.8	Medium	64
Ireland	3.1	3.1	0.0	1.5	0.1	0.4	3.9	0.2	0.2	0.4	1.3	0.9	7.1	3.7	6.4	5.9	3.8	2.4	2.4	1.4	1.4	1.9	2.9	2.4	3.0	Low	161
Israel	4.1	4.1	0.0	2.4	0.1	0.6	5.4	0.1	0.0	x	2.2	1.4	6.4	4.9	3.6	4.6	3.2	3.3	3.3	1.3	1.3	2.4	0.5	1.5	2.7	Low	173
Italy	2.8	2.8	0.3	1.8	0.1	0.6	6.5	0.2	0.4	0.5	2.4	1.5	8.6	5.8	9.2	8.2	5.8	4.5	4.5	1.1	1.1	3.0	0.8	1.9	3.1	Low	156
Jamaica	4.0	4.0	4.1	5.4	2.1	3.9	0.0	1.7	2.9	1.1	1.5	2.8	6.2	5.0	4.8	5.2	4.1	4.9	4.9	4.4	4.4	4.7	3.7	4.2	4.1	Medium	91
Japan	3.2	3.2	0.0	1.3	0.0	0.3	3.7	0.2	2.4	1.0	1.9	1.1	8.9	3.8	10.0	8.2	5.7	2.2	2.2	0.6	0.6	1.4	0.0	0.7	2.3	Low	181
Jordan	4.1	4.1	2.2	4.2	5.8	3.6	10.0	0.1	3.6	2.6	5.8	4.8	4.6	4.2	1.6	3.0	4.0	5.0	5.0	3.8	3.8	4.4	5.1	4.8	4.3	Medium	80
Kazakhstan	2.6	2.6	1.3	1.7	0.0	1.1	0.0	0.5	0.8	1.6	0.7	0.9	4.9	4.6	3.6	4.2	2.7	5.8	5.8	2.3	2.3	4.3	4.0	4.1	3.1	Low	156
Kenya	6.0	6.0	7.5	5.7	1.9	5.7	7.7	4.6	7.5	5.4	6.5	6.1	3.4	6.5	0.8	2.9	4.7	6.5	6.5	7.1	7.1	6.8	5.8	6.3	5.6	High	37
Kiribati	5.9	5.9	5.5	3.0	7.7	5.4	0.0	8.8	0.6	8.0	5.7	5.6	5.9	7.7	5.6	6.2	5.9	5.6	5.6	5.3	5.3	5.5	6.2	5.9	5.9	High	22
Korea DPR	3.9	3.9	8.4	x	0.8	5.9	0.0	3.9	9.4	x	6.0	6.0	4.5	3.3	5.6	4.8	5.4	8.2	8.2	0.6	0.6	5.6	4.4	5.0	4.7	Medium	67
Korea Republic of	3.9	3.9	0.0	1.3	0.1	0.4	3.6	0.4	1.0	2.2	1.9	1.2	8.3	4.7	7.6	7.1	4.8	3.4	3.4	0.8	0.8	2.2	0.3	1.3	2.9	Low	167
Kuwait	4.9	4.9	1.8	3.3	0.0	1.7	1.6	0.3	1.0	4.6	2.0	1.9	5.8	4.9	3.2	4.3	3.2	5.6	5.6	1.5	1.5	3.8	3.5	3.6	3.8	Medium	112
Kyrgyzstan	3.1	3.1	4.0	2.9	4.8	3.9	0.8	0.8	2.4	3.9	2.1	3.1	3.9	5.3	1.6	3.1	3.1	6.6	6.6	4.0	4.0	5.4	5.9	5.7	3.8	Medium	112
Lao PDR	4.1	4.1	6.8	4.6	1.6	5.0	0.0	1.7	4.9	4.2	2.9	4.0	4.2	4.7	2.0	3.2	3.6	6.7	6.7	5.7	5.7	6.2	7.0	6.6	4.6	Medium	73
Latvia	2.4	2.4	0.9	2.3	0.6	1.2	1.3	0.7	1.4	0.8	1.0	1.1	7.2	5.1	10.0	8.1	5.6	3.7	3.7	2.2	2.2	3.0	2.5	2.8	3.4	Low	139
Lebanon	4.5	4.5	3.4	3.3	5.3	3.9	10.0	0.1	3.4	5.4	6.3	5.2	6.2	7.0	4.4	5.5	5.4	6.8	6.8	4.2	4.2	5.7	4.6	5.2	5.0	High	56
Lesotho	5.5	5.5	7.8	7.3	4.6	6.9	0.0	7.3	3.8	4.6	4.4	5.8	3.3	6.2	6.4	5.6	5.7	6.4	6.4	6.4	6.4	6.4	7.1	6.8	6.0	High	19
Liberia	7.0	7.0	9.0	5.7	6.0	7.4	3.4	4.8	8.3	6.5	6.1	6.8	4.4	7.4	0.4	3.2	5.3	7.5	7.5	7.2	7.2	7.4	5.2	6.4	6.2	High	11
Libya	3.0	3.0	3.5	2.3	5.2	3.6	8.8	0.4	1.7	3.0	4.5	4.1	3.1	5.4	3.2	3.7	3.9	8.5	8.5	3.6	3.6	6.7	6.7	6.7	4.3	Medium	80
Liechtenstein	1.9	1.9	0.0	x	0.0	0.0	2.6	x	0.8	x	1.7	0.9	4.9	3.1	x	4.0	2.6	1.5	1.5	x	x	1.5	x	1.5	1.9	Very Low	189
Lithuania	2.4	2.4	0.6	2.4	0.5	1.0	2.0	0.5	0.8	0.6	1.0	1.0	6.5	3.9	10.0	7.6	5.2	3.5	3.5	1.4	1.4	2.5	0.9	1.7	2.8	Low	168
Luxembourg	3.8	3.8	0.0	1.6	0.5	0.5	3.4	0.3	1.1	0.3	1.4	1.0	6.0	4.3	7.6	6.4	4.2	1.7	1.7	1.1	1.1	1.4	2.5	1.9	3.1	Low	156
Madagascar	6.9	6.9	9.0	4.4	1.8	6.1	1.4	4.0	9.1	5.6	5.9	6.0	3.1	7.5	0.0	2.7	4.6	7.5	7.5	6.9	6.9	7.2	7.5	7.3	6.1	High	15
Malawi	6.6	6.6	8.6	6.6	4.5	7.1	5.0	6.3	4.5	3.6	4.9	6.1	3.0	7.1	1.2	3.1	4.8	6.7	6.7	6.5	6.5	6.6	5.4	6.0	5.7	High	31
Malaysia	4.2	4.2	1.9	3.9	0.1	2.0	6.1	0.7	1.7	5.1	3.7	2.9	5.9	3.7	3.6	4.2	3.6	3.8	3.8	3.5	3.5	3.7	0.3	2.1	3.2	Low	153
Maldives	4.8	4.8	2.7	4.2	0.7	2.6	0.0	0.3	3.1	1.2	1.2	1.9	5.2	3.7	1.6	3.0	2.5	6.6	6.6	2.8	2.8	5.0	5.3	5.2	4.0	Medium	98
Mali	6.0	6.0	9.7	5.5	5.0	7.5	7.0	4.3	0.8	6.9	5.2	6.5	3.9	5.9	0.0	2.5	4.8	7.1	7.1	8.1	8.1	7.6	5.1	6.5	5.7	High	31
Malta	4.7	4.7	0.3	1.9	0.3	0.7	5.2	0.1	1.0	0.5	2.0	1.4	5.2	5.3	9.2	7.2	4.9	3.9	3.9	1.0	1.0	2.6	3.3	2.9	4.1	Medium	91
Marshall Islands	4.7	4.7	4.0	x	8.2	5.4	0.0	6.2	5.0	4.3	4.2	4.8	3.6	5.8	x	4.7	4.8	8.1	8.1	6.9	6.9	7.6	6.3	7.0	5.4	High	44

COUNTRY	P2P	COVID-19 HAZARD & EXPOSURE	Development & Deprivation	Inequality	Aid Dependency	Socio-Economic Vulnerability	Uprooted people	Health Conditions	Food Security	GBV	Vulnerable Groups	VULNERABILITY (Hazard-independent)	Movements	Behaviour	Demographic and co-morbidity	COVID-19 VULNERABILITY	VULNERABILITY	Governance	Institutional	Access to health care	Infrastructure	LACK OF COPING CAPACITY (Hazard-independent)	COVID-19 LACK OF COPING CAPACITY	LACK OF COPING CAPACITY	INFORM COVID-19 RISK	COVID-19 RISK CLASS	Rank
Mauritania	6.3	6.3	8.3	5.1	4.5	6.6	6.6	1.5	2.7	3.3	3.8	5.4	3.5	6.0	0.0	2.4	4.1	6.9	6.9	7.8	7.8	7.4	7.5	7.4	5.8	High	27
Mauritius	3.0	3.0	2.1	3.8	1.1	2.3	0.0	0.7	2.0	x	0.9	1.6	6.4	4.6	8.8	7.2	5.0	4.0	4.0	3.4	3.4	3.7	3.2	3.4	3.7	Medium	119
Mexico	3.3	3.3	4.1	4.6	0.4	3.3	6.4	0.9	1.2	1.2	2.8	3.1	5.2	6.6	4.4	5.2	4.2	6.2	6.2	3.6	3.6	5.0	2.0	3.6	3.7	Medium	119
Micronesia	3.6	3.6	5.7	3.8	7.3	5.6	0.0	5.0	5.0	5.7	4.2	4.9	5.4	6.1	5.2	5.5	5.2	5.3	5.3	5.3	5.3	7.5	6.5	5.0	High	56	
Moldova Republic of	3.8	3.8	2.9	1.6	2.5	2.5	1.0	1.1	3.0	2.2	1.9	2.2	5.4	6.4	7.2	6.6	4.8	6.4	6.4	3.3	3.3	5.0	4.5	4.8	4.4	Medium	77
Mongolia	3.8	3.8	4.8	3.1	2.7	3.9	0.0	2.6	3.9	2.1	2.3	3.1	4.5	5.5	2.0	3.5	3.3	6.0	6.0	3.6	3.6	4.9	3.2	4.1	3.7	Medium	119
Montenegro	2.7	2.7	1.3	1.7	2.0	1.6	1.8	0.2	0.6	0.3	0.7	1.2	5.1	4.0	7.2	5.9	3.9	5.1	5.1	3.2	3.2	4.2	5.2	4.7	3.7	Medium	119
Morocco	4.1	4.1	6.0	5.1	1.1	4.6	2.6	0.5	0.0	2.7	1.5	3.2	5.1	5.9	4.4	5.0	4.2	5.7	5.7	4.5	4.5	5.1	3.8	4.5	4.3	Medium	80
Mozambique	6.9	6.9	9.4	7.5	4.5	7.7	4.8	9.3	6.8	3.1	6.6	7.2	3.2	7.5	1.6	3.5	5.7	7.1	7.1	7.0	7.0	7.1	4.9	6.1	6.2	High	11
Myanmar	4.3	4.3	7.4	4.7	1.8	5.3	7.0	3.9	3.1	4.3	4.8	5.1	3.7	6.0	4.0	4.4	4.8	7.1	7.1	5.7	5.7	6.5	4.2	5.5	4.8	Medium	64
Namibia	5.1	5.1	7.0	7.3	1.1	5.6	2.8	5.9	5.9	3.9	4.8	5.2	3.4	5.3	2.8	3.6	4.4	4.8	4.8	5.4	5.4	5.1	6.4	5.8	5.1	High	51
Nauru	4.9	4.9	2.8	x	7.2	4.3	5.3	2.3	5.0	x	4.3	4.3	3.5	6.7	x	5.1	4.7	5.2	5.2	4.2	4.2	4.7	7.1	6.0	5.2	High	48
Nepal	5.1	5.1	7.3	4.2	4.6	5.9	3.7	2.3	2.7	3.8	3.2	4.7	4.5	5.9	1.6	3.4	4.1	6.7	6.7	6.1	6.1	6.4	6.4	6.4	5.1	High	51
Netherlands	3.5	3.5	0.0	0.7	0.1	0.2	6.0	0.1	1.6	1.0	2.5	1.4	7.2	2.5	8.4	6.6	4.5	1.6	1.6	1.0	1.0	1.3	0.6	0.9	2.4	Low	178
New Zealand	3.1	3.1	0.0	1.8	0.1	0.5	1.8	0.1	1.4	0.9	1.1	0.8	5.8	3.5	5.6	5.1	3.2	1.5	1.5	1.4	1.4	1.5	0.5	1.0	2.1	Low	183
Nicaragua	4.3	4.3	6.0	5.7	2.3	5.0	0.9	1.0	4.3	1.6	2.1	3.7	5.3	7.3	2.0	4.2	4.0	7.2	7.2	4.7	4.7	6.1	5.1	5.6	4.6	Medium	73
Niger	7.1	7.1	10.0	5.5	5.4	7.7	7.7	4.5	3.7	7.5	6.2	7.0	3.2	8.5	0.0	2.9	5.3	6.7	6.7	7.7	7.7	7.2	5.3	6.3	6.2	High	11
Nigeria	6.5	6.5	8.3	4.5	1.6	5.7	7.9	6.1	3.7	3.3	5.6	5.7	4.0	6.7	0.0	2.7	4.4	7.2	7.2	9.6	9.6	8.7	4.9	7.2	5.9	High	22
North Macedonia	2.5	2.5	3.2	2.3	1.0	2.4	1.2	0.1	2.0	1.6	1.2	1.8	6.6	4.7	7.2	6.4	4.5	5.7	5.7	2.9	2.9	4.4	4.4	4.4	3.7	Medium	119
Norway	2.0	2.0	0.0	0.6	0.0	0.2	5.9	0.2	1.0	1.1	2.4	1.4	5.6	4.4	7.2	6.1	4.1	1.4	1.4	0.9	0.9	1.2	0.4	0.8	1.9	Very Low	189
Oman	5.0	5.0	1.3	4.1	0.0	1.7	1.0	0.1	2.3	0.9	1.1	1.4	4.8	3.0	2.0	3.0	2.2	4.7	4.7	1.9	1.9	3.4	1.3	2.4	3.0	Low	161
Pakistan	5.3	5.3	7.8	4.7	1.0	5.3	7.6	1.8	5.3	5.2	5.3	5.3	5.1	6.1	1.2	3.4	4.4	6.6	6.6	6.4	6.4	6.5	6.2	6.4	5.3	High	45
Palau	3.5	3.5	1.7	x	6.8	3.4	0.0	1.0	5.0	2.0	2.2	2.8	4.4	2.9	x	3.7	3.3	5.0	5.0	3.9	3.9	4.5	5.8	5.2	3.9	Medium	104
Palestine	5.1	5.1	3.2	2.2	8.2	4.2	10.0	0.0	2.8	4.8	6.1	5.2	4.9	5.1	0.8	2.9	4.1	6.5	6.5	0.2	0.2	4.0	7.5	6.0	5.0	High	56
Panama	3.6	3.6	2.1	6.2	0.3	2.7	4.2	1.0	2.9	1.4	2.5	2.6	5.1	5.4	3.2	4.2	3.4	5.7	5.7	3.3	3.3	4.6	4.0	4.3	3.7	Medium	119
Papua New Guinea	5.6	5.6	7.1	7.1	1.7	5.8	4.3	5.7	3.9	x	4.7	5.3	2.0	6.6	4.0	4.2	4.8	6.8	6.8	6.4	6.4	6.6	7.0	6.8	5.7	High	31
Paraguay	2.5	2.5	4.1	6.2	0.4	3.7	0.9	1.3	3.5	2.8	2.2	3.0	4.3	6.4	2.0	3.7	3.4	6.6	6.6	4.6	4.6	5.7	5.7	5.7	3.6	Medium	131
Peru	4.0	4.0	4.9	4.9	0.4	3.8	6.9	0.9	3.0	3.1	3.8	3.8	4.8	5.7	2.4	3.8	3.8	6.0	6.0	5.0	5.0	5.5	4.8	5.1	4.3	Medium	80
Philippines	4.5	4.5	4.5	4.8	1.3	3.8	6.2	3.9	3.4	1.3	3.9	3.9	6.3	5.2	2.8	4.3	4.1	5.8	5.8	5.9	5.9	5.9	5.0	5.5	4.7	Medium	67
Poland	2.0	2.0	0.6	1.6	0.2	0.8	3.3	0.2	0.8	0.7	1.3	1.1	8.0	4.7	8.8	7.6	5.2	4.0	4.0	1.9	1.9	3.0	2.5	2.8	3.1	Low	156
Portugal	2.2	2.2	1.0	1.9	0.1	1.0	1.7	0.3	0.8	0.6	0.9	1.0	7.9	4.6	10.0	8.1	5.6	3.2	3.2	1.3	1.3	2.3	1.2	1.7	2.8	Low	168
Qatar	5.0	5.0	1.0	2.7	0.1	1.2	0.9	0.3	1.0	0.8	0.8	1.0	6.5	2.1	2.4	3.4	2.3	3.8	3.8	2.5	2.5	3.2	3.2	3.2	3.3	Low	146
Romania	2.4	2.4	1.7	3.5	0.5	1.9	2.5	0.5	0.4	1.2	1.2	1.6	7.5	6.3	8.8	7.9	5.6	5.6	5.6	3.3	3.3	4.6	2.7	3.7	3.7	Medium	119
Russian Federation	2.3	2.3	1.5	3.3	0.1	1.6	4.6	1.8	0.8	2.8	2.6	2.1	6.2	3.7	8.4	6.7	4.8	6.2	6.2	1.9	1.9	4.4	1.3	3.0	3.2	Low	153
Rwanda	5.9	5.9	8.2	5.1	3.7	6.3	6.6	5.1	8.4	4.8	6.5	6.4	4.5	4.1	0.0	2.2	4.6	4.7	4.7	5.4	5.4	5.1	4.2	4.6	5.0	High	56
Saint Kitts and Nevis	2.9	2.9	2.5	x	0.5	1.8	0.9	0.0	3.5	x	1.6	1.7	4.7	3.1	x	3.9	2.9	3.9	3.9	3.1	3.1	3.5	5.1	4.3	3.3	Low	146
Saint Lucia	2.5	2.5	3.2	5.5	0.6	3.1	0.0	0.8	6.0	x	2.7	2.9	7.6	6.1	5.6	6.2	4.8	4.6	4.6	5.4	5.4	5.0	4.5	4.8	3.9	Medium	104

COUNTRY	P2P	COVID-19 HAZARD & EXPOSURE	Development & Deprivation	Inequality	Aid Dependency	Socio-Economic Vulnerability	Uprooted people	Health Conditions	Food Security	GBV	Vulnerable Groups	VULNERABILITY (Hazard-independent)	Movements	Behaviour	Demographic and co-morbidity	COVID-19 VULNERABILITY	VULNERABILITY	Governance	Institutional	Access to health care	Infrastructure	LACK OF COPING CAPACITY (Hazard-independent)	COVID-19 LACK OF COPING CAPACITY	LACK OF COPING CAPACITY	INFORM COVID-19 RISK	COVID-19 RISK CLASS	Rank
Saint Vincent and the Grenadines	3.8	3.8	3.4	x	1.4	2.7	0.0	0.0	2.1	x	0.7	1.8	4.9	6.3	5.6	5.6	3.9	4.4	4.4	4.1	4.1	4.3	5.3	4.8	4.1	Medium	91
Samoa	1.8	1.8	3.9	4.2	8.6	5.2	0.0	1.9	1.3	4.8	2.2	3.9	4.6	3.1	3.6	3.7	3.8	3.8	3.8	6.4	6.4	5.2	5.1	5.2	3.3	Low	146
Sao Tome and Principe	6.4	6.4	6.6	4.4	3.8	5.4	0.0	3.5	2.5	5.8	3.2	4.4	3.0	5.1	0.4	2.2	3.4	5.9	5.9	5.1	5.1	5.5	6.8	6.2	5.1	High	51
Saudi Arabia	3.1	3.1	0.9	3.0	0.0	1.2	1.5	0.1	1.7	x	1.1	1.2	5.2	2.9	2.4	3.2	2.3	4.6	4.6	1.5	1.5	3.2	2.8	3.0	2.8	Low	168
Senegal	6.1	6.1	8.5	5.4	2.6	6.3	4.5	3.2	3.5	4.8	4.0	5.3	2.3	6.1	0.0	2.1	3.9	5.5	5.5	6.3	6.3	5.9	5.3	5.6	5.1	High	51
Serbia	2.3	2.3	1.3	1.6	1.8	1.5	4.7	0.2	2.8	0.4	2.2	1.9	5.4	6.1	8.8	7.3	5.2	5.5	5.5	2.4	2.4	4.1	4.1	4.1	3.7	Medium	119
Seychelles	3.8	3.8	2.0	5.5	1.1	2.7	0.0	0.2	3.7	x	1.5	2.1	6.6	4.1	5.2	5.3	3.9	3.7	3.7	3.4	3.4	3.6	5.1	4.4	4.0	Medium	98
Sierra Leone	7.1	7.1	9.2	5.5	3.7	6.9	0.9	7.0	6.1	7.1	5.7	6.3	4.0	6.2	0.4	2.8	4.8	7.0	7.0	8.1	8.1	7.6	5.6	6.7	6.1	High	15
Singapore	4.0	4.0	0.0	0.9	0.0	0.2	0.0	0.4	1.7	5.1	2.1	1.2	8.0	1.4	6.8	5.8	3.9	1.0	1.0	1.8	1.8	1.4	0.5	0.9	2.4	Low	178
Slovakia	2.5	2.5	0.9	1.5	0.4	0.9	1.1	0.1	2.3	1.1	1.2	1.1	6.3	7.2	8.0	7.4	5.0	4.3	4.3	1.7	1.7	3.1	2.8	3.0	3.3	Low	146
Slovenia	2.0	2.0	0.0	0.5	0.2	0.2	1.4	0.1	1.6	1.1	1.1	0.7	6.5	6.1	9.2	7.8	5.2	3.4	3.4	1.8	1.8	2.6	0.9	1.8	2.7	Low	173
Solomon Islands	5.7	5.7	6.9	3.0	6.7	5.9	0.0	4.8	2.8	9.3	5.4	5.7	2.4	5.2	2.8	3.3	4.6	6.5	6.5	5.5	5.5	6.0	7.1	6.6	5.6	High	37
Somalia	6.9	6.9	8.7	x	10.0	9.1	10.0	2.0	6.4	9.5	8.2	8.7	1.9	8.5	0.0	2.6	6.6	9.3	9.3	9.5	9.5	9.4	7.2	8.5	7.3	Very High	2
South Africa	4.1	4.1	4.6	7.6	0.3	4.3	6.6	6.0	1.9	7.6	5.9	5.2	5.5	5.2	5.6	5.5	5.4	5.0	5.0	5.3	5.3	5.2	4.2	4.7	4.7	Medium	67
South Sudan	7.3	7.3	9.9	5.3	7.7	8.2	10.0	5.4	8.1	x	8.4	8.3	2.6	8.3	0.0	2.7	6.2	9.4	9.4	10.0	10.0	9.7	6.8	8.6	7.3	Very High	2
Spain	2.5	2.5	0.1	1.9	0.1	0.6	5.3	0.3	1.4	0.7	2.2	1.4	8.1	5.9	8.4	7.7	5.4	3.4	3.4	1.0	1.0	2.3	0.8	1.6	2.8	Low	168
Sri Lanka	3.4	3.4	2.4	4.4	1.0	2.6	4.5	0.4	3.0	6.6	4.0	3.3	5.3	5.6	5.6	5.5	4.5	5.9	5.9	3.9	3.9	5.0	5.2	5.1	4.3	Medium	80
Sudan	6.8	6.8	8.6	5.1	3.3	6.4	9.6	1.4	5.1	4.2	6.1	6.3	3.5	6.9	1.2	3.2	4.9	8.3	8.3	5.9	5.9	7.3	4.3	6.0	5.8	High	27
Suriname	2.5	2.5	4.9	6.2	0.2	4.1	1.3	1.1	3.0	x	1.8	3.0	4.0	5.1	4.0	4.3	3.7	6.0	6.0	5.3	5.3	5.7	3.9	4.8	3.5	Medium	136
Sweden	2.8	2.8	0.0	0.8	0.1	0.2	7.8	0.2	1.6	1.1	3.5	2.0	7.6	2.6	7.6	6.4	4.6	1.4	1.4	1.0	1.0	1.2	0.4	0.8	2.2	Low	182
Switzerland	3.7	3.7	0.0	1.2	0.1	0.3	6.5	0.2	1.3	1.8	2.9	1.7	8.3	3.9	2.4	4.3	3.1	1.2	1.2	0.9	0.9	1.1	0.0	0.6	1.9	Very Low	189
Syria	2.9	2.9	6.3	7.3	10.0	7.5	10.0	0.5	5.6	x	7.1	7.3	4.6	6.3	0.8	3.1	5.6	8.5	8.5	6.3	6.3	7.6	5.0	6.5	4.7	Medium	67
Tajikistan	4.3	4.3	5.2	3.7	4.5	4.7	2.0	1.4	4.0	5.8	3.5	4.1	2.8	4.5	0.8	2.2	3.2	7.4	7.4	3.7	3.7	5.9	5.9	5.9	4.3	Medium	80
Tanzania	6.4	6.4	8.3	5.2	1.5	5.8	6.5	5.3	7.1	6.9	6.5	6.2	4.1	5.5	0.0	2.4	4.6	6.4	6.4	6.6	6.6	6.5	5.2	5.9	5.6	High	37
Thailand	3.2	3.2	2.3	4.0	0.2	2.2	5.5	1.3	2.7	1.0	2.8	2.5	6.7	4.9	6.8	6.3	4.7	5.4	5.4	4.1	4.1	4.8	2.3	3.7	3.8	Medium	112
Timor-Leste	5.6	5.6	7.4	0.9	4.1	5.0	0.0	6.4	6.5	8.8	6.3	5.7	4.1	6.3	1.2	3.2	4.6	6.6	6.6	5.7	5.7	6.2	6.6	6.4	5.5	High	42
Togo	6.8	6.8	8.4	6.0	2.4	6.3	3.7	5.3	4.3	3.1	4.1	5.3	4.6	7.2	0.4	3.2	4.3	7.1	7.1	6.3	6.3	6.7	7.2	6.9	5.9	High	22
Tonga	2.7	2.7	3.7	4.4	10.0	5.5	0.0	2.1	4.2	4.1	2.8	4.3	3.7	3.7	4.8	4.3	4.3	4.7	4.7	5.3	5.3	5.0	5.9	5.5	4.0	Medium	98
Trinidad and Tobago	2.6	2.6	1.7	4.3	0.7	2.1	4.4	0.8	1.6	1.2	2.1	2.1	6.5	5.1	6.8	6.3	4.5	5.3	5.3	2.8	2.8	4.2	5.1	4.6	3.8	Medium	112
Tunisia	3.3	3.3	3.0	3.0	1.5	2.6	1.2	0.3	0.4	2.3	1.1	1.9	5.4	5.5	4.4	4.9	3.5	5.5	5.5	3.8	3.8	4.7	4.2	4.5	3.7	Medium	119
Turkey	3.4	3.4	1.9	4.2	2.4	2.6	9.4	0.1	0.0	1.9	4.5	3.6	7.6	5.0	4.4	5.4	4.6	5.6	5.6	3.5	3.5	4.6	2.6	3.7	3.9	Medium	104
Turkmenistan	3.1	3.1	2.3	x	0.0	1.5	0.0	0.3	2.0	3.2	1.5	1.5	4.5	3.4	2.4	3.2	2.4	7.6	7.6	2.3	2.3	5.5	4.2	4.9	3.3	Low	146
Tuvalu	4.8	4.8	4.6	3.5	7.7	5.1	0.0	7.2	4.2	5.5	4.7	4.9	3.2	6.0	x	4.6	4.8	6.4	6.4	4.7	4.7	5.6	6.1	5.8	5.1	High	51
Uganda	7.1	7.1	8.3	5.8	3.4	6.5	8.8	5.9	8.7	6.9	7.8	7.2	3.2	7.2	0.0	2.6	5.3	6.7	6.7	6.6	6.6	6.7	5.0	5.9	6.1	High	15
Ukraine	2.4	2.4	1.6	1.9	2.2	1.8	8.1	1.1	2.1	1.2	3.9	2.9	6.0	5.2	8.8	7.2	5.4	6.4	6.4	3.8	3.8	5.2	5.0	5.1	4.0	Medium	98
United Arab Emirates	4.4	4.4	0.7	1.5	0.0	0.7	3.0	0.0	1.5	x	1.6	1.2	7.3	0.8	2.8	3.4	2.4	2.5	2.5	2.0	2.0	2.3	0.3	1.3	2.4	Low	178
United Kingdom	3.2	3.2	0.0	1.9	0.1	0.5	5.8	0.3	1.0	1.1	2.4	1.5	7.6	3.0	7.6	6.5	4.5	2.3	2.3	1.6	1.6	2.0	0.4	1.2	2.6	Low	175

COUNTRY	P2P	COVID-19 HAZARD & EXPOSURE	Development & Deprivation	Inequality	Aid Dependency	Socio-Economic Vulnerability	Uprooted people	Health Conditions	Food Security	GBV	Vulnerable Groups	VULNERABILITY (Hazard-independent)	Movements	Behaviour	Demographic and co-morbidity	COVID-19 VULNERABILITY	VULNERABILITY	Governance	Institutional	Access to health care	Infrastructure	LACK OF COPING CAPACITY (Hazard-independent)	COVID-19 LACK OF COPING CAPACITY	LACK OF COPING CAPACITY	INFORM COVID-19 RISK	COVID-19 RISK CLASS	Rank
United States of America	2.8	2.8	0.0	3.3	0.0	0.8	7.1	0.1	0.2	1.3	2.8	1.9	7.3	3.3	6.8	6.1	4.3	2.5	2.5	1.5	1.5	2.0	0.5	1.3	2.5	Low	177
Uruguay	2.9	2.9	1.8	3.7	0.1	1.9	3.3	0.6	1.3	0.2	1.4	1.7	5.5	3.3	6.0	5.2	3.7	3.4	3.4	2.0	2.0	2.7	3.3	3.0	3.2	Low	153
Uzbekistan	3.5	3.5	3.8	4.0	2.0	3.4	0.0	0.6	2.4	5.1	2.3	2.9	4.1	4.0	2.8	3.4	3.2	6.8	6.8	3.4	3.4	5.3	6.6	6.0	4.1	Medium	91
Vanuatu	4.7	4.7	7.4	3.2	6.7	6.2	0.0	3.7	1.8	9.8	5.5	5.9	1.7	5.4	3.2	3.4	4.8	5.7	5.7	5.7	5.7	7.1	6.4	5.2	High	48	
Venezuela	3.2	3.2	3.5	6.1	0.6	3.4	5.0	1.2	6.1	x	4.4	3.9	4.7	6.4	3.2	4.4	4.2	8.3	8.3	6.0	6.0	7.3	5.4	6.4	4.4	Medium	77
Viet Nam	3.7	3.7	4.5	3.4	1.1	3.4	0.0	1.0	2.3	2.8	1.6	2.5	5.8	4.4	4.0	4.6	3.6	5.7	5.7	4.5	4.5	5.1	3.2	4.2	3.8	Medium	112
Yemen	6.3	6.3	8.8	6.5	5.3	7.4	10.0	1.2	9.0	6.1	7.8	7.6	2.7	7.9	0.8	3.1	5.8	9.0	9.0	6.8	6.8	8.1	6.2	7.2	6.4	High	9
Zambia	6.9	6.9	7.9	7.6	1.6	6.3	5.1	7.4	9.0	5.8	7.1	6.7	2.9	6.1	0.8	2.7	5.0	6.4	6.4	5.8	5.8	6.1	7.2	6.7	6.1	High	15
Zimbabwe	4.8	4.8	7.3	5.8	3.3	5.9	4.1	6.1	9.4	4.6	6.7	6.3	3.9	7.1	2.4	4.0	5.3	7.5	7.5	6.5	6.5	7.0	4.8	6.0	5.3	High	45

INFORM COVID Analysis 1: Supporting decisions on prioritisation for preparedness and early response

The following is an analysis that addresses key questions for humanitarian organisations by combining information from 3 INFORM products:

- The new **INFORM COVID Risk Index**, which identifies “countries at risk from health and humanitarian impacts of COVID-19 that could overwhelm current national response capacity, and therefore lead to a need for additional international assistance”. The INFORM COVID Risk Index is
- The **INFORM Risk Index** (Mid-2020 version), which identifies “countries at risk from humanitarian emergencies that could overwhelm current national response capacity, and therefore lead to a need for international assistance”. The INFORM Risk Index takes into account natural and human hazards, as well as vulnerability and lack of coping capacity.

- The **INFORM Severity Index** (March 2020 version) is a regularly updated model for measuring the severity of humanitarian crises globally, which brings together indicators of impact, conditions of affected people, and complexity.

An Excel file with the data used for this analysis is available on the INFORM HDX page:
<https://data.humdata.org/dataset/inform-covid-analysis-v01>

What countries are most at risk from health and humanitarian impacts of COVID-19 (in the case of community transmission in the country)?

COVID-19 RISK

Countries with the highest structural risks relevant to COVID-19 (INFORM COVID Risk Index) and the severity of any existing humanitarian crisis (INFORM Severity Index March 2020). Showing 50 highest risk countries sorted by decreasing risk.

	COVID-19 Risk (0-10)		Severity of existing crisis (0-5)	
Central African Republic	7.6	Very High	3.7	High
Somalia	7.3	Very High	4.5	Very High
South Sudan	7.3	Very High	4.0	High
Chad	7.2	Very High	3.9	High
Afghanistan	6.8	Very High	4.5	Very High
Congo DR	6.8	Very High	4.2	Very High
Haiti	6.6	Very High	3.3	High
Burundi	6.5	Very High	2.8	Medium
Yemen	6.4	High	4.5	Very High
Burkina Faso	6.3	High	3.0	Medium
Niger	6.2	High	3.2	High
Mozambique	6.2	High	2.9	Medium
Liberia	6.2	High	-	-
Guinea-Bissau	6.2	High	-	-
Uganda	6.1	High	2.8	Medium
Sierra Leone	6.1	High	-	-
Madagascar	6.1	High	2.1	Medium
Zambia	6.1	High	2.3	Medium
Guinea	6.0	High	-	-
Comoros	6.0	High	2.1	Medium
Lesotho	6.0	High	-	-
Nigeria	5.9	High	3.8	High
Ethiopia	5.9	High	3.3	High
Eritrea	5.9	High	3.5	High
Togo	5.9	High	-	-
Kiribati	5.9	High	-	-
Sudan	5.8	High	4.6	Very High
Mauritania	5.8	High	2.4	Medium
Benin	5.8	High	-	-
Equatorial Guinea	5.8	High	-	-
Cameroon	5.7	High	3.3	High
Mali	5.7	High	3.6	High
Congo	5.7	High	-	-
Malawi	5.7	High	2.0	Low
Papua New Guinea	5.7	High	2.3	Medium
Gambia	5.7	High	-	-
Kenya	5.6	High	3.1	High
Tanzania	5.6	High	-	-
Côte d'Ivoire	5.6	High	1.4	Low
Angola	5.6	High	-	-
Solomon Islands	5.6	High	-	-
Djibouti	5.5	High	2.5	Medium
Timor-Leste	5.5	High	-	-
Marshall Islands	5.4	High	-	-
Pakistan	5.3	High	3.4	High
Zimbabwe	5.3	High	3.4	High
Eswatini	5.3	High	1.9	Low
Bangladesh	5.2	High	3.3	High
Vanuatu	5.2	High	-	-
Nauru	5.2	High	-	-

What are the risks relating to COVID-19 in countries already affected by humanitarian crises?

HUMANITARIAN IMPACTS

Countries with an existing humanitarian crisis (INFORM Severity Index March 2020) and their COVID-19 risk (INFORM COVID Risk Index). Showing all countries with a reported humanitarian crisis sorted by decreasing severity.

	Severity of existing crisis (0-5)		COVID-19 Risk (0-10)	
Somalia	4.5	Very High	7.3	Very High
Afghanistan	4.5	Very High	6.8	Very High
Congo DR	4.2	Very High	6.8	Very High
Yemen	4.5	Very High	6.4	High
Sudan	4.6	Very High	5.8	High
Syria	4.8	Very High	4.7	Medium
Korea DPR	4.1	Very High	4.7	Medium
Central African Republic	3.7	High	7.6	Very High
South Sudan	4.0	High	7.3	Very High
Chad	3.9	High	7.2	Very High
Haiti	3.3	High	6.6	Very High
Niger	3.2	High	6.2	High
Nigeria	3.8	High	5.9	High
Eritrea	3.5	High	5.9	High
Ethiopia	3.3	High	5.9	High
Mali	3.6	High	5.7	High
Cameroon	3.3	High	5.7	High
Kenya	3.1	High	5.6	High
Pakistan	3.4	High	5.3	High
Zimbabwe	3.4	High	5.3	High
Bangladesh	3.3	High	5.2	High
Palestine	3.4	High	5.0	High
Iraq	4.0	High	4.8	Medium
Myanmar	3.2	High	4.8	Medium
Venezuela	4.0	High	4.4	Medium
Libya	3.8	High	4.3	Medium
Colombia	3.5	High	4.3	Medium
Ukraine	3.3	High	4.0	Medium
Burundi	2.8	Medium	6.5	Very High
Burkina Faso	3.0	Medium	6.3	High
Mozambique	2.9	Medium	6.2	High
Uganda	2.8	Medium	6.1	High
Zambia	2.3	Medium	6.1	High
Madagascar	2.1	Medium	6.1	High
Lesotho	2.1	Medium	6.0	High
Mauritania	2.4	Medium	5.8	High
Malawi	2.3	Medium	5.7	High
Djibouti	2.5	Medium	5.5	High
Lebanon	2.6	Medium	5.0	High
Honduras	2.8	Medium	4.9	Medium
Guatemala	2.8	Medium	4.8	Medium
Philippines	2.5	Medium	4.7	Medium
Indonesia	2.1	Medium	4.4	Medium
Peru	2.3	Medium	4.3	Medium
Jordan	2.2	Medium	4.3	Medium
El Salvador	2.2	Medium	4.2	Medium
Turkey	2.6	Medium	3.9	Medium
Ecuador	2.2	Medium	3.9	Medium
Iran	3.0	Medium	3.7	Medium
Congo	2.0	Low	5.7	High
Tanzania	1.4	Low	5.6	High
Eswatini	1.9	Low	5.3	High
Namibia	1.9	Low	5.1	High
Senegal	1.8	Low	5.1	High
Algeria	1.8	Low	3.9	Medium
Bahamas	1.8	Low	3.9	Medium
Thailand	1.7	Low	3.8	Medium
Trinidad and Tobago	1.4	Low	3.8	Medium
Egypt	1.4	Low	3.6	Medium
Brazil	1.8	Low	3.5	Medium
Greece	1.8	Low	3.3	Low
Costa Rica	1.0	Very Low	3.4	Low

Where might impacts of COVID-19 compound existing risks to cause a new humanitarian crisis?

NEW CRISIS WATCH LIST

Countries with no existing humanitarian crisis (INFORM Severity Index March 2020) with high COVID-19 risk (INFORM COVID Risk Index) and crisis risk from all hazards (INFORM Risk Index). Showing 50 highest risk countries (average of INFORM COVID Risk and INFORM Risk Index) with countries with a reported humanitarian crisis removed.

	COVID-19 Risk (0-10)		INFORM Risk (all hazards) (0-10)	
Côte d'Ivoire	5.6	High	5.9	High
Papua New Guinea	5.7	High	5.7	High
Liberia	6.2	High	5.1	High
Sierra Leone	6.1	High	5.2	High
Guinea	6.0	High	5.2	High
Guinea-Bissau	6.2	High	4.8	Medium
Angola	5.6	High	5.1	High
Togo	5.9	High	4.6	Medium
Nepal	5.1	High	5.3	High
Solomon Islands	5.6	High	4.5	Medium
Comoros	6.0	High	3.9	Medium
Benin	5.8	High	4.1	Medium
India	4.6	Medium	5.3	High
Equatorial Guinea	5.8	High	3.9	Medium
Gambia	5.7	High	4.0	Medium
Timor-Leste	5.5	High	4.2	Medium
Cambodia	4.9	Medium	4.8	Medium
Kiribati	5.9	High	3.6	Medium
South Africa	4.7	Medium	4.7	Medium
Vanuatu	5.2	High	4.1	Medium
Rwanda	5.0	High	4.3	Medium
Nicaragua	4.6	Medium	4.6	Medium
Bolivia	4.9	Medium	4.2	Medium
Gabon	5.0	High	4.1	Medium
Marshall Islands	5.4	High	3.6	Medium
Micronesia	5.0	High	3.9	Medium
Lao PDR	4.6	Medium	4.2	Medium
Tajikistan	4.3	Medium	4.5	Medium
Mexico	3.7	Medium	5.1	High
Ghana	4.7	Medium	4.0	Medium
Nauru	5.2	High	3.2	Low
Morocco	4.3	Medium	4.0	Medium
Azerbaijan	3.9	Medium	4.4	Medium
Tuvalu	5.1	High	3.1	Low
Sri Lanka	4.3	Medium	3.8	Medium
Dominican Republic	4.3	Medium	3.7	Medium
Georgia	4.0	Medium	3.9	Medium
Tonga	4.0	Medium	3.9	Medium
Bosnia and Herzegovina	4.1	Medium	3.7	Medium
Botswana	4.7	Medium	3.0	Low
Dominica	4.2	Medium	3.4	Low
Kyrgyzstan	3.8	Medium	3.8	Medium
China	3.4	Low	4.2	Medium
Sao Tome and Principe	5.1	High	2.4	Low
Belize	3.8	Medium	3.7	Medium
Viet Nam	3.8	Medium	3.7	Medium
Moldova Republic of	4.4	Medium	2.9	Low
Bhutan	4.1	Medium	3.2	Low
Albania	4.2	Medium	3.0	Low
Panama	3.7	Medium	3.5	Medium

Where are the risks of humanitarian impacts related to COVID-19 highest compared to 'normal' risks and might therefore require the biggest change in response levels?*

*Assuming current capacity is aligned with pre-COVID risks.

CAPACITY CHECK

Countries with the greatest discrepancy between their all-hazard risk of a humanitarian crisis (INFORM Risk Index) and COVID-19 risk (INFORM COVID Risk Index), where there may be the largest difference in current humanitarian capacity and caapcity required to deal with potential healh and humanitarian impacts of COVID-19. Showing all countries at high and very high risk of humanitarian crisis, sorted by Δ INFORM COVID Risk - INFORM RISK.

	COVID-19 Risk (0-10)		INFORM Risk (all hazards) (0-10)		Δ
Liberia	6.2	High	5.1	High	1.1
Sierra Leone	6.1	High	5.2	High	0.9
Madagascar	6.1	High	5.2	High	0.9
Guinea	6.0	High	5.2	High	0.8
Eritrea	5.9	High	5.2	High	0.7
Congo	5.7	High	5.1	High	0.6
Angola	5.6	High	5.1	High	0.5
Burundi	6.5	Very High	6.1	High	0.4
Tanzania	5.6	High	5.2	High	0.4
Djibouti	5.5	High	5.2	High	0.3
Mauritania	5.8	High	5.6	High	0.2
Haiti	6.6	Very High	6.4	High	0.2
Zimbabwe	5.3	High	5.2	High	0.1
Papua New Guinea	5.7	High	5.7	High	0.0
Lebanon	5.0	High	5.0	High	0.0
Burkina Faso	6.3	High	6.4	High	-0.1
Nepal	5.1	High	5.3	High	-0.2
Palestine	5.0	High	5.2	High	-0.2
Chad	7.2	Very High	7.5	Very High	-0.3
Honduras	4.9	Medium	5.2	High	-0.3
Central African Republic	7.6	Very High	7.9	Very High	-0.3
Côte d'Ivoire	5.6	High	5.9	High	-0.3
Ethiopia	5.9	High	6.3	High	-0.4
Uganda	6.1	High	6.5	Very High	-0.4
Mozambique	6.2	High	6.7	Very High	-0.5
Kenya	5.6	High	6.1	High	-0.5
Mali	5.7	High	6.3	High	-0.6
Korea DPR	4.7	Medium	5.3	High	-0.6
Nigeria	5.9	High	6.6	Very High	-0.7
South Sudan	7.3	Very High	8.0	Very High	-0.7
India	4.6	Medium	5.3	High	-0.7
Congo DR	6.8	Very High	7.6	Very High	-0.8
Pakistan	5.3	High	6.1	High	-0.8
Bangladesh	5.2	High	6.0	High	-0.8
Guatemala	4.8	Medium	5.6	High	-0.8
Philippines	4.7	Medium	5.5	High	-0.8
Cameroon	5.7	High	6.6	Very High	-0.9
Sudan	5.8	High	6.8	Very High	-1.0
Colombia	4.3	Medium	5.4	High	-1.1
Turkey	3.9	Medium	5.1	High	-1.2
Niger	6.2	High	7.4	Very High	-1.2
Afghanistan	6.8	Very High	8.1	Very High	-1.3
Mexico	3.7	Medium	5.1	High	-1.4
Egypt	3.6	Medium	5.1	High	-1.5
Myanmar	4.8	Medium	6.3	High	-1.5
Iran	3.7	Medium	5.2	High	-1.5
Yemen	6.4	High	8.0	Very High	-1.6
Somalia	7.3	Very High	9.0	Very High	-1.7
Iraq	4.8	Medium	6.7	Very High	-1.9
Libya	4.3	Medium	6.6	Very High	-2.3
Syria	4.7	Medium	7.2	Very High	-2.5

INFORM COVID Analysis 2: Vulnerability in countries from different income groups

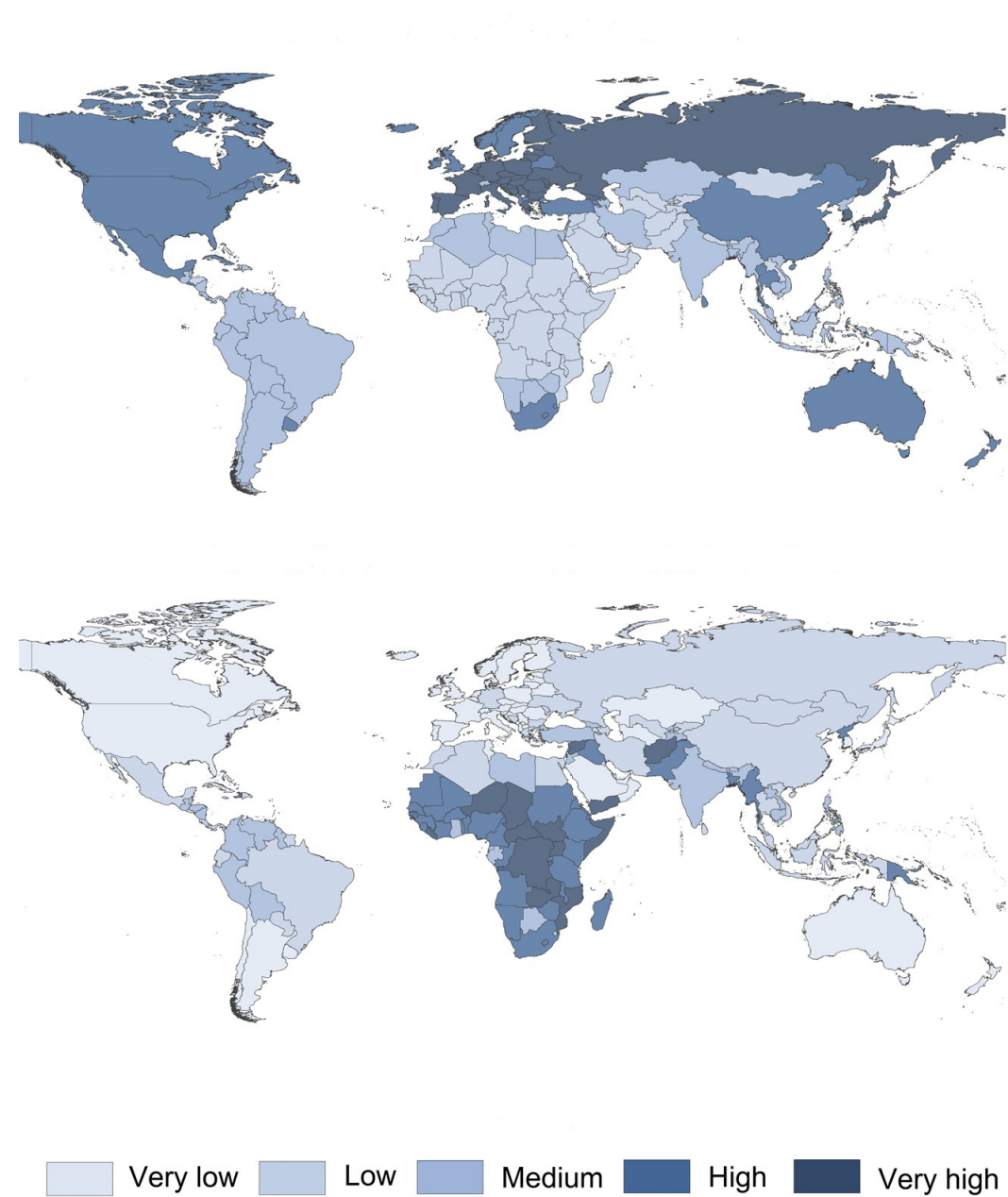
The Vulnerability dimension of the INFORM COVID Risk Index requires a specific analysis.

The two sub-dimensions, COVID-specific vulnerability (e.g. age, comorbidities, movement) and hazard-independent vulnerability (broad vulnerability to all hazards e.g. poverty, inequality, food insecurity, insecure living conditions) are negatively correlated (cc -0.7). In other words, countries with high COVID-specific vulnerability generally have low broader vulnerability (see maps).

COVID-specific vulnerability and hazard-independent Vulnerability contribute similarly to the overall Vulnerability (cc 0.31 vs 0.44). But when you look at income groups or regions the results are different (see charts)

For High income countries and Europe only the COVID-specific vulnerability is important (cc 0.95, cc 0.97), while in Lower and Lower-middle Income countries and Africa, the opposite is true (cc 0.11, cc 0.01).

INFORM COVID Risk Index: Vulnerability – COVID-specific vulnerability (top) and hazard-independent vulnerability (bottom)



What does this mean?

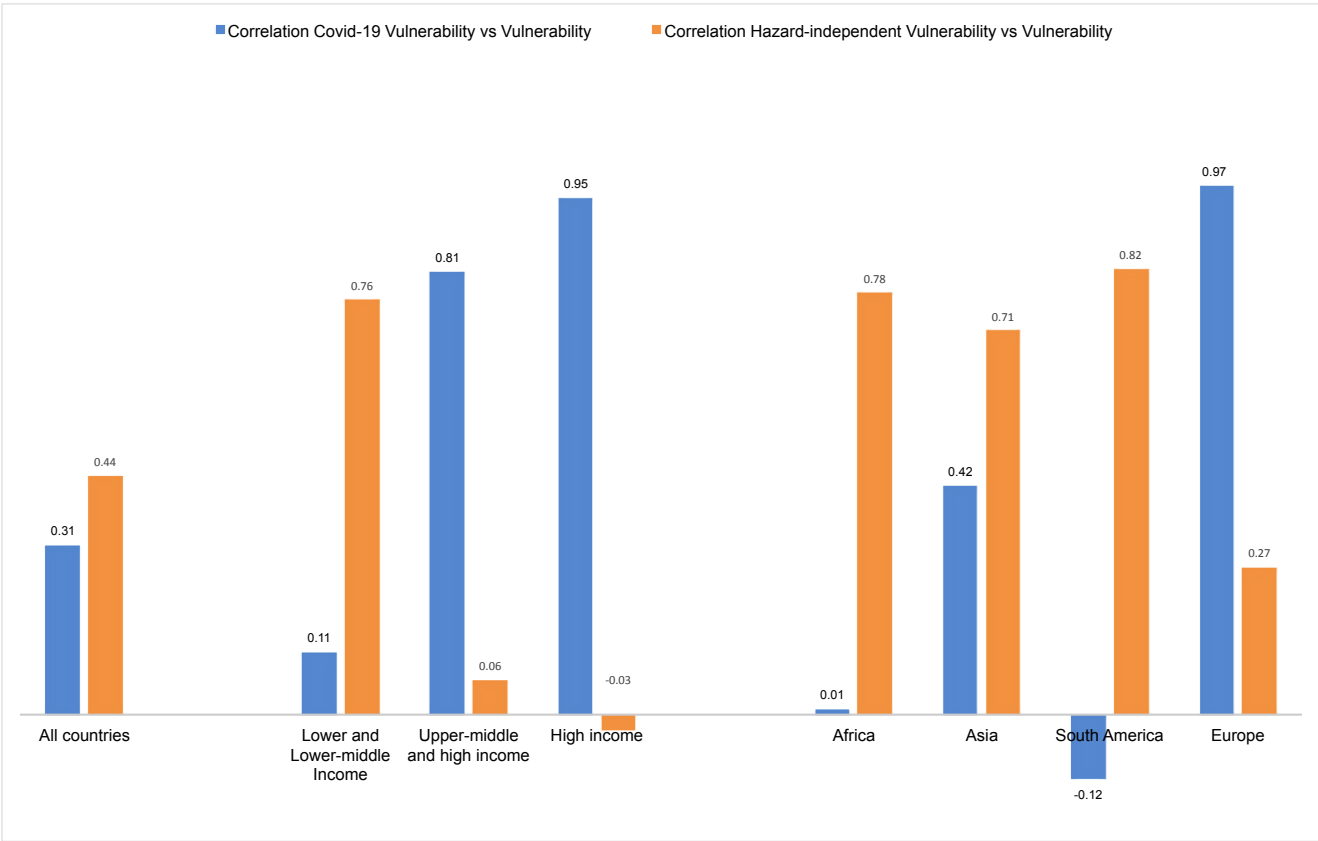
Analysis of the INFORM COVID Risk Index suggests that factors that make individuals vulnerable to COVID-19, like age and specific pre-existing conditions, drive vulnerability and risk in higher income countries.

However, in countries with the highest risk of humanitarian crisis as a result of COVID-19, which are overwhelmingly low and lower-middle income countries, **factors of vulnerability that are highly specific to COVID-19 are less important than broader socio-economic factors or those associated with vulnerable groups like the food insecure, people in poor health and displaced persons.**

Although this conclusion partly arrives from the way risk index is conceptualised, it suggests that - at least in the preparedness and early response phase of the pandemic in countries at high risk of humanitarian crisis - risk can be reduced by addressing broader vulnerabilities through ‘no regrets’ type interventions.

This is also important because impacts on humanitarian operations and the secondary impacts of the pandemic are also likely to have wide-ranging humanitarian consequences beyond the direct health impacts of the disease.

Contribution to vulnerability by income groups and regions – in lower and lower-middle income countries COVID-specific vulnerability is less important than broader factors of vulnerability





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>

Note:

This analysis is provided for information only and should not be used for decision-making alone. It is based purely on INFORM data and does not reflect the institutional position of the European Commission, OCHA or any INFORM Partner.

The geographical boundaries and names shown and the designations used in this report are not warranted to be error free nor do they necessarily imply official endorsement or acceptance by INFORM or any INFORM partner organisation. Every effort has been made to ensure the accuracy of the information contained in this report.