

COVID-19

Health Evidence Summary No.23

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This daily COVID-19 Health Evidence Summary is to signpost DFID and other UK government departments to the latest relevant evidence and discourse on COVID-19 to inform and support their response. It is a result of 3 hours of work and is not intended to be a comprehensive summary of evidence.

COVID-19 Preparedness and Response

Publication date	Title/URL	Journal Article type	Summary
22.04.2020	SARS-CoV-2 infection in children and adolescents: a systematic review	JAMA Pediatrics Systematic review	<ul style="list-style-type: none"> Most children with COVID-19 presented with mild symptoms, if any, generally required supportive care only, and typically had a good prognosis and recovered within 1 to 2 weeks.
21.04.2020	Connecting clusters of COVID-19: an epidemiological and serological investigation	The Lancet Infectious Diseases Article	<ul style="list-style-type: none"> Use of SARS-CoV-2 serological assays helped connect 3 COVID-19 clusters in Singapore Raises the importance of serological testing for epidemiological investigation of COVID-19 cases
21.04.2020	Effect of changing case definitions for COVID-19 on the epidemic curve and transmission parameters in mainland China: a modelling study	The Lancet Public Health Article	<ul style="list-style-type: none"> Broadening the case definition, in-line with increased knowledge, for COVID-19 in China detected more cases including those with milder symptoms and without epidemiological links to Wuhan, China or other known cases. Revised estimates of the total number of cases if a broader case definition had been applied at the early stage of the epidemic are also given

			<ul style="list-style-type: none"> Changes to case definition should be considered when inferences on epidemic growth rates and doubling times, and therefore reproductive number, are made.
21.04.2020	2020 Global Report on Food Crisis: Joint analysis for better decisions	Global Network Against Food Crises/Food Security Information Network Report	<ul style="list-style-type: none"> COVID-19 can exacerbate existing burdens and double the number of people suffering acute hunger by the end of 2020 COVID-19 is expected to be one of the key drivers of acute food insecurity
21.04.2020	Viral load dynamics and disease severity in patients infected with SARS-CoV-2 in Zhejiang province, China, January-March 2020: a retrospective cohort study	BMJ Article	<ul style="list-style-type: none"> The duration of SARS-CoV-2 is longer in stool than in respiratory and serum samples highlighting the need to strengthen management of stool samples in prevention and control. SARS-CoV-2 persists longer with higher viral load and peaks later in the respiratory tissue of patients with severe disease

Guidelines

Date	Title/URL	Source
	WHO Country & Technical Guidance	
	Inter-Agency Standing Committee (IASC)	
	Nigeria CDC	

Comments, Editorials, Blogs

Publication date	Title/URL	Journal Publication type
22.04.2020	One size fits all? Why lockdowns might not be Africa's best bet	African Arguments Blog
22.04.2020	Alternations in smell or taste in mildly symptomatic outpatients with SARS-CoV-2 infection	JAMA Research Letter
21.04.2020	Not a luxury: a call to maintain sexual and reproductive health in humanitarian and fragile settings during the COVID-19 pandemic	The Lancet Global Health Comment
21.04.2020	Targeting COVID-19 interventions towards migrants in humanitarian settings	The Lancet Infectious Diseases Comment
21.04.2020	Building trust while influencing online COVID-19 content in the social media world	The Lancet Digital Health Comment
21.04.2020	The important role of serology for COVID-19 control	The Lancet Infectious Diseases Comment

Tracking Dashboards

Global	Regional	Country
WHO sitreps	WHO Africa	Ghana
WHO dashboard	African Arguments	Indonesia
Johns Hopkins University	European CDC	Sierra Leone
FIND SARS-CoV-2 Test Tracker		Singapore
WEF		UK
Vaccine Centre LSHTM		US
Our World in Data		
Global 5050		
Humanitarian Data Exchange		
Information is Beautiful		
The Commons Project		

Online learning

Date	Title/URL	Online learning/event	Duration	Lead
Available now	Emerging respiratory viruses, including COVID-19: methods for detection, prevention, response and control	Online learning	3 hours	WHO

Available now	Responding to COVID-19: Real-time training for the coronavirus disease outbreak	Online learning	Multiple self-paced course	WHO
25.05.2020	COVID-19: Tackling the Novel Coronavirus	Online learning	3 weeks 4 hours weekly study	FutureLearn LSHTM/UK PHRST
20.04.2020	COVID-19 Diagnostics and Testing	Online learning	3 weeks 3 hours weekly study	FutureLearn FIND/LSHTM/ASLM
6.04.2020	COVID-19 Critical Care: Understanding and Application	Online learning	5 weeks 1 hour weekly study	FutureLearn University of Edinburgh & Royal College of Physicians of Edinburgh
Available now	COVID-19 supporting online courses	Online learning	Multiple self-paced course	BMJ Learning

Resource Hubs

Multilaterals

WHO

[WHO risk communication](#)

[WHO Q&A](#)

[WHO Global research](#)

[COVID-19 Solidarity Response Fund](#)

UN

[UN Women](#)

	UNOCHA
	UNHCR
	UNICEF
	UNESCO
	UN WFP
	World Bank
Regional & Country	Africa CDC
	African Union
Academic journals	The Lancet
	NEJM
	Elsevier
	BMJ
	Cell
	PLoS
	Cochrane reviews
Global Health Institutes	LSTM
	LSHTM
	Johns Hopkins University
	ICL MRC Centre for Global Infectious Disease Analysis
	ODI

	Norwegian Institute of Public Health
Ethics	Rings HSG Resyst Reach Wellcome
Clinical trials	US NIH registered clinical trials
Funding bodies	UKRI
	Wellcome
Demographics	WorldPop
Global Impact Surveys	Premise COVID-19 Global Impact Study
	GeoPoll: SSA
TB	Stop TB Partnership
Disability	IDA
	Disability and inclusion
	Coregroup IDDC
SDGs	Global Partnership for Sustainable Development Data
Humanitarian	Reliefweb
	Humanitarian OpenStreetMap Team
	SSHAP
Narratives	David Nabarro, WHO DG Special Envoy on COVID-19

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About this report

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