

1 **Additional file 1**

Table S1. Databases and Available Data on Epidemics

Agency	Database name	Database type	Access	Entry criteria	Indicators	Classification
World Health Organization (WHO)	Global Health Observatory (GHO)(1)	Platform, <i>Early warning</i>	Free, open-access	Monitoring and surveillance of a selection of diseases - Vaccine-preventable communicable diseases(2) - Neglected tropical diseases	- Number of reported cases - Reported number of deaths - Status of endemicity	None
	Disease Outbreak News (DON)(3)	Report, <i>Early warning</i>	Free, open-access	Emerging or Re-emerging Diseases	- Description of the situation - Epidemiology - Public health response - WHO risk assessment - WHO advice	None
	WHO Health Emergency Dashboard(4)	Platform, <i>Real-time capture</i>	Free, open-access	At the discretion of users and emergency professionals	- Case data, Contact tracing - Transmission chain tracking - Geospatial data and Laboratory results	None

Assessment Capacities Project	Assessment Capacities Project (ACAPS)(5)	Report, <i>Real-time capture</i>	Open source, registration needed	Humanitarian crisis	- Assessments and analysis across various sectors, including but not limited to health, nutrition, shelter, protection, water, sanitation, and hygiene (WASH). - Assesses humanitarian needs, vulnerabilities, and response gaps in crisis-affected populations.	None
Centers for Disease Control and Prevention (CDC)	Morbidity and Mortality Weekly Report (MMWR)(6)	Report, <i>Early warning</i>	Free, open-access	Not available	- Incidence and prevalence - Vaccination coverage - Mortality data - Risk factors and determinants - Public Health recommendations - Health disparities and emergency responses	None but description by transmission mode
European Centre for Disease Prevention and Control (ECDC)	ECDC Atlas(7)	Platform, <i>Early warning</i>	Free, open-access	Not available	- Reported cases, Notification rate, Age-standardised rate - Hospitalised cases, Hospitalised cases proportion - Number of deaths, Case fatality - Notification rate in domestic cases and Proportion of travel-associated cases	None

International Society for Infectious Diseases	Program for Monitoring Emerging Diseases (ProMED-Mail)(8)	Report, <i>Early warning</i>	Free subscription	Outbreaks and emerging health threats worldwide	ProMED-Mail does not measure specific indicators, but its reports contain: the geographic spread, the mode of transmission, the cases numbers and data about the severity, the Public Health interventions and laboratory data.	None
Global Infectious Diseases and Epidemiology Network	Global Infectious Diseases and Epidemiology Network (GIDEON)(9)	Platform, <i>Real-time capture</i>	Paid subscription	Not available	- Information on etiology - Clinical features - Epidemiology - Geographic distribution	None
United Nations Office for the Coordination of Humanitarian Affairs (OCHA)	ReliefWeb(10)	Platform, <i>Real-time capture</i>	Free, open-access	Not available	Cover a range of sectors, including health, education, water and sanitation and shelter. Provides maps and infographics, as well as data on appeals and funding, affected population data and information on response activities(11).	None
Food and Agriculture Organization of the United Nations (FAO)	Empres-i(12)	Platform, <i>Real-time capture</i>	Free, open-access	Zoonosis	- Species - Diagnosis source - Humans affected - Human deaths - Diagnosis status	None

Centre for Research on the Epidemiology of Disasters (CRED)	The International Disaster Database (EM-DAT)(13)	Platform, <i>Archiving service</i>	Free, create a user account	- 10 or more people killed - 100 or more people affected - The declaration of a state of emergency or a call for international assistance	- Location (country, region, continent) - Associated disasters - Aid response - Magnitude - Number of deaths - Number of injured - Number of affected - Number of homeless - Economic cost (reconstruction, insured, damages) - Vaccination - Consumer price index from OECD	Aetiologic
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3 References

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