

## DPM indicators and metadata

Dimension	Component	Element	Indicator Name	Frequency	Data Source
Hazard	Severity	Current epidemics	COVID-19 Incidence rate	Daily	WHO COVID-19 Dashboard
			COVID-19 Case Fatality Rate	Daily	WHO COVID-19 Dashboard
			14-day notification rate of new COVID-19 cases and deaths	Weekly	ECDC
			COVID-19 Immunization Rate	Daily	WHO COVID-19 Dashboard
			Total number of cases of ongoing/recent outbreaks	Weekly	WHO DON
			Total number of deaths of ongoing/recent outbreaks	Weekly	WHO DON
			<i>Total number of influenza positive viruses</i>	Weekly	WHO; FluNet
		Epidemic burden	Separate DALYs for Dengue, Ebola, Encephalitis, Enteric Infections, LRIs, Measles, Meningitis, URIs, Yellow Fever, Zika	Annual	IHME
	Probability	Population	Population at risk of spillover of zoonotic pathogens	Static	INFORM Risk Index
			Populations at risk of Plasmodium falciparum and vivex malaria	Static	INFORM Risk Index
			Population density	Annual	World Bank
			Population living in urban areas (%)	Annual	World Bank
			Household size	Annual	UNDESA
			Population living in slums (% of urban population)	Annual	UNHABITAT
		Water, Sanitation and Hygiene (WASH)	Proportion of population with basic handwashing facilities on premises (% of population)	Annual	WHO/UNICEF Joint Monitoring Programme (JMP) for Water Supply and Sanitation
			People practicing open defecation (% of population)	Annual	WHO/UNICEF Joint Monitoring Programme (JMP) for Water Supply and Sanitation
			People using at least basic sanitation services (% of population)	Annual	WHO/UNICEF Joint Monitoring Programme (JMP) for Water Supply and Sanitation
			People using at least basic drinking water services (% of population)	Annual	WHO/UNICEF Joint Monitoring Programme (JMP) for Water Supply and Sanitation
		Animals/Hosts	Number of domesticated animals (Bird, Cattle, Pig, Camel)	Annual	FAO-STAT
			Number of vets	Annual	WAHIS

Dimension	Component	Element	Indicator Name	Frequency	Data Source	
Vulnerability	Socio-economics	Economic	Human Development Index (HDI)	Annual	HDR, UNDP	
			% of GNI/ Net Official Development Assistance (ODA)	Annual	World Bank	
			\$1.90 PER DAY - POVERTY GAP INDEX	Annual	OWID	
		Inequality	Gender Inequality Index (GII)	Annual	HDR, UNDP	
			School enrollment, primary (gross), gender parity index (GPI)	Annual	World Bank	
			GINI coefficient	Annual	World Bank	
	Population Vulnerability	Movement	Air transport, passengers carried	Annual	World Bank	
			IHR Point of entry core capacity	Annual	WHO, eSPAR	
		Health status	DALY communicable diseases (epidemic prone diseases only)	Annual	IHME	
			Healthier population billion	Annual	WHO	
		Demographics and comorbidity	Under 5 population	Annual	UNDESA	
			Over 65 population	Annual	UNDESA	
			DALY attributed to cardiovascular disease, cancer, diabetes or chronic respiratory disease	Annual	IHME	
			Mortality rate, under-5 (per 1,000 live births)	Annual	UN Inter-agency Group for Child Mortality Estimation (UNICEF, WHO, World Bank, UN DESA)	
			Prevalence of stunting, height for age (modeled estimate, % of children under 5)	Annual	UNICEF, WHO, World Bank: Joint child malnutrition estimates (JME)	
		Human Behavior	IHR Risk Communication core capacity	Annual	WHO, eSPAR	
			Contraceptive prevalence, any methods (% of women ages 15-49)	Annual	UNICEF	
			Exclusive breastfeeding (% of children under 6 months)	Annual	UNICEF	
		Ecosystem and Environment	Climate	Temperature (current month)	Monthly	NOAA
			Land degradation	Proportion of land that is degraded over total land area (UNCCD)	5-10 year increments	SDG
			Ecosystem and Environment	Evergreen broadleaf trees	Static	EarthEnv
	Non biological hazards		Natural Disasters % of total pop	Quarterly	EMDAT	
			INFORM Severity Index	Monthly	INFORM	
			Seasonal floods, droughts and tropical cyclones exposed population. Earthquake exposed population	Monthly	INFORM	

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Preparedness Capacity	Health Systems for Health Security	Health Emergency Protection billion	Prepare Indicator	Annual	WHO, GPW Triple billion dashboard
			Prevent Indicator	Annual	WHO, GPW Triple billion dashboard
			Detect and Respond	Annual	WHO, GPW Triple billion dashboard
		UHC	Coverage of essential health services	Annual	WHO
			Proportion of population with large household expenditures on health as a share of total household expenditure or income	Annual	WHO
		Health System capacity	Physician density	Annual	WHO
			Density of Nurses and Midwives	Annual	WHO
			Beds population Ratio	Annual	WHO
			SCORE Index	Annual	WHO
		Infrastructure and institutional capacity	Governance	Worldwide Governance Indicators	Annual
	Physical Infrastructure		Safely Managed Sanitation	Annual	WHO/UNICEF Joint Monitoring Programme (JMP) for Water Supply and Sanitation
			Safely Managed Water	Annual	WHO/UNICEF Joint Monitoring Programme (JMP) for Water Supply and Sanitation
			Access to Electricity	Annual	World Bank
			Accessibility to healthcare	Static	Malaria Atlas project
			Logistics performance index	Annual	World Bank
	Communication		Internet Users	Annual	World Bank
			Mobile cellular subscriptions	Annual	World Bank