



PREVENT



DETECT



RESPOND



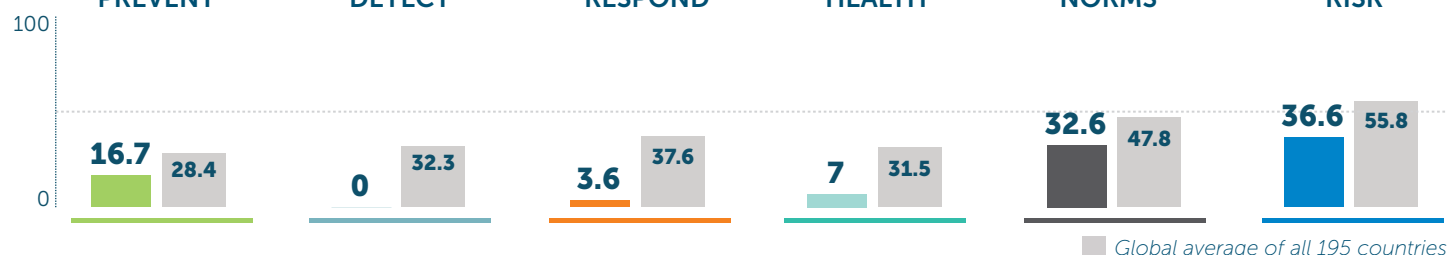
HEALTH



NORMS



RISK



Global average of all 195 countries

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	16.7	16.7	28.4
Antimicrobial resistance (AMR)	50	50	45.3
Zoonotic disease	0	0	19.8
Biosecurity	0	0	18.7
Biosafety	0	0	20.9
Dual-use research and culture of responsible science	0	0	2.6
Immunization	50	50	63.3
DETECTION AND REPORTING	4.2	0	32.3
Laboratory systems strength and quality	0	0	44.9
Laboratory supply chains	0	0	15.9
Real-time surveillance and reporting	25	0	34.6
Surveillance data accessibility and transparency	0	0	34.7
Case-based investigation	0	0	16.9
Epidemiology workforce	0	0	46.5
RAPID RESPONSE	17.9	3.6	37.6
Emergency preparedness and response planning	0	0	30.4
Exercising response plans	0	0	21.1
Emergency response operation	0	0	27
Linking public health and security authorities	0	0	22.1
Risk communication	25	25	57.9
Access to communications infrastructure	0	0	65.7
Trade and travel restrictions	100	0	39

Scores are normalized (0–100, where 100 = most favorable)

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	7	7	31.5
Health capacity in clinics, hospitals, and community care centers	26.8	26.8	30
Supply chain for health system and healthcare workers	0	0	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	22.2	22.2	55.2
Communications with health-care workers during a public health emergency	0	0	10.8
Infection control practices	0	0	40.5
Capacity to test and approve new medical countermeasures	0	0	45.1
COMPLIANCE WITH INTERNATIONAL NORMS	27.1	32.6	47.8
IHR reporting compliance and disaster risk reduction	50	50	58.5
Cross-border agreements on public and health emergency response	50	50	50
International commitments	12.5	12.5	56.1
JEE and PVS	0	0	18.7
Financing	16.7	16.7	35.2
Commitment to sharing of genetic and biological data and specimens	33.3	66.7	68.4
RISK ENVIRONMENT	40.8	36.6	55.8
Political and security risk	34.1	35.4	58.1
Socio-economic resilience	18.2	18.2	60.9
Infrastructure adequacy	41.7	41.7	50.2
Environmental risks	57.9	35.6	54.7
Public health vulnerabilities	52.1	52.2	55.3