



PREVENT



DETECT



RESPOND



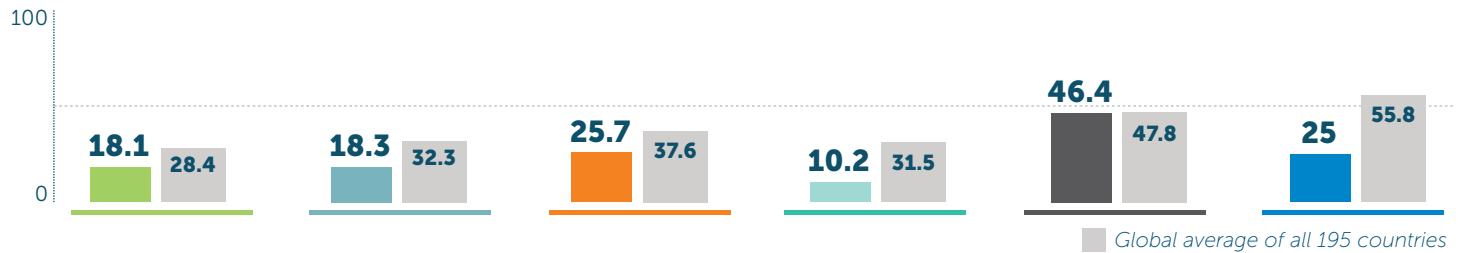
HEALTH



NORMS



RISK



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	18.1	18.1	28.4
Antimicrobial resistance (AMR)	58.3	58.3	45.3
Zoonotic disease	0.5	0.5	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	18.3	18.3	32.3
Laboratory systems strength and quality	25	25	44.9
Laboratory supply chains	0	0	15.9
Real-time surveillance and reporting	25	25	34.6
Surveillance data accessibility and transparency	10	10	34.7
Case-based investigation	0	0	16.9
Epidemiology workforce	50	50	46.5
RAPID RESPONSE	29.6	25.7	37.6
Emergency preparedness and response planning	4.2	20.8	30.4
Exercising response plans	25	25	21.1
Emergency response operation	0	0	27
Linking public health and security authorities	0	0	22.1
Risk communication	37.5	54.2	57.9
Access to communications infrastructure	40.6	29.7	65.7
Trade and travel restrictions	100	50	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	10.2	10.2	31.5
Health capacity in clinics, hospitals, and community care centers	0.6	0.6	30
Supply chain for health system and healthcare workers	0	0	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	45.5	45.5	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	25	25	45.1
COMPLIANCE WITH INTERNATIONAL NORMS	41.7	46.4	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	0	3.1	56.1
JEE and PVS	50	75	18.7
Financing	33.3	33.3	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
RISK ENVIRONMENT	29.2	25	55.8
Political and security risk	22.8	24.1	58.1
Socio-economic resilience	14.8	15	60.9
Infrastructure adequacy	16.7	16.7	50.2
Environmental risks	74.5	52.2	54.7
Public health vulnerabilities	17.3	17.1	55.3

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