



PREVENT



DETECT



RESPOND



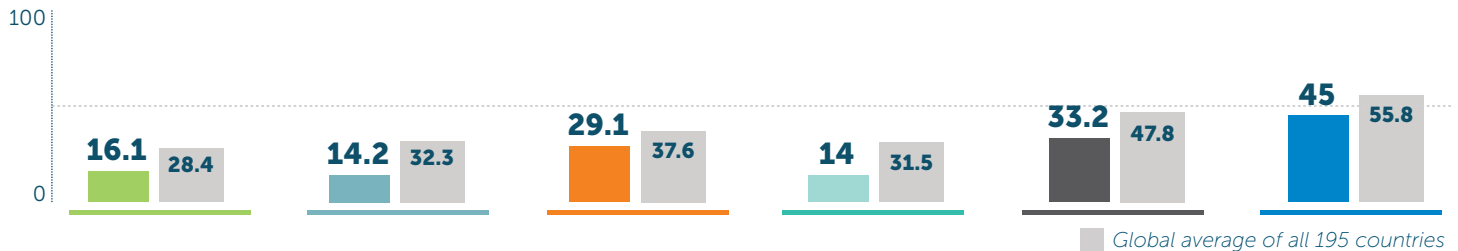
HEALTH



NORMS



RISK



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	12.7	16.1	28.4
Antimicrobial resistance (AMR)	0	0	45.3
Zoonotic disease	1.3	21.4	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	75	75	63.3
DETECTION AND REPORTING	10	14.2	32.3
Laboratory systems strength and quality	0	0	44.9
Laboratory supply chains	0	0	15.9
Real-time surveillance and reporting	0	0	34.6
Surveillance data accessibility and transparency	10	10	34.7
Case-based investigation	0	25	16.9
Epidemiology workforce	50	50	46.5
RAPID RESPONSE	26.9	29.1	37.6
Emergency preparedness and response planning	4.2	20.8	30.4
Exercising response plans	0	25	21.1
Emergency response operation	0	0	27
Linking public health and security authorities	0	0	22.1
Risk communication	25	50	57.9
Access to communications infrastructure	59.4	57.8	65.7
Trade and travel restrictions	100	50	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	14	14	31.5
Health capacity in clinics, hospitals, and community care centers	2.5	2.5	30
Supply chain for health system and healthcare workers	16.7	16.7	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	53.9	53.9	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	33.2	33.2	47.8
IHR reporting compliance and disaster risk reduction	50	50	58.5
Cross-border agreements on public and health emergency response	0	0	50
International commitments	15.6	15.6	56.1
JEE and PVS	25	25	18.7
Financing	41.7	41.7	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
RISK ENVIRONMENT	46.6	45	55.8
Political and security risk	30.7	35.9	58.1
Socio-economic resilience	44.3	44.6	60.9
Infrastructure adequacy	66.7	50	50.2
Environmental risks	46.9	49.6	54.7
Public health vulnerabilities	44.5	44.9	55.3

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