



PREVENT



DETECT



RESPOND



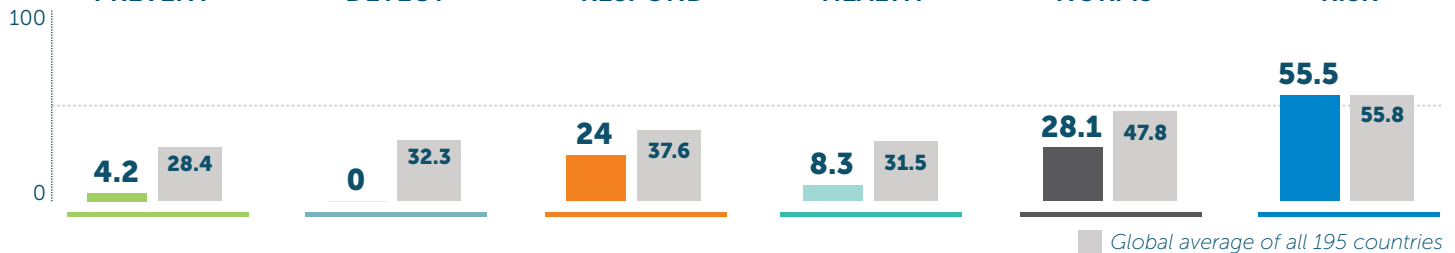
HEALTH



NORMS



RISK



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	4.2	4.2	28.4
Antimicrobial resistance (AMR)	0	0	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	25	25	63.3
DETECTION AND REPORTING	0	0	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	0	0	34.7
Case-based investigation	0	0	16.9
Epidemiology workforce	0	0	46.5
RAPID RESPONSE	27.1	24	37.6
Emergency preparedness and response planning	0	4.2	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	25	57.9
Access to communications infrastructure	64.5	64	65.7
Trade and travel restrictions	100	50	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	8.3	8.3	31.5
Health capacity in clinics, hospitals, and community care centers	12	12	30
Supply chain for health system and healthcare workers	0	0	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	21.4	21.4	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	27.1	28.1	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	12.5	18.8	56.1
JEE and PVS	0	0	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	54.5	55.5	55.8
Political and security risk	78.3	82	58.1
Socio-economic resilience	59.6	58.5	60.9
Infrastructure adequacy	50	50	50.2
Environmental risks	36.4	38.6	54.7
Public health vulnerabilities	48.1	48.3	55.3

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