



PREVENT



DETECT



RESPOND



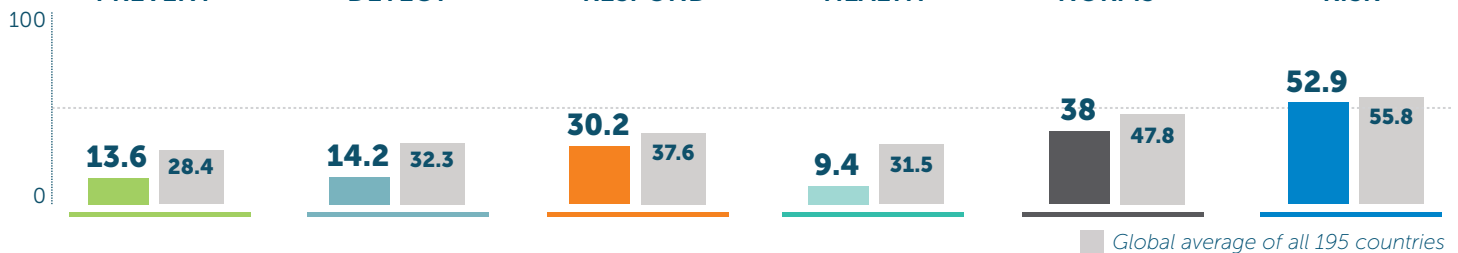
HEALTH



NORMS



RISK



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	13.6	13.6	28.4
Antimicrobial resistance (AMR)	50	50	45.3
Zoonotic disease	6.7	6.7	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	10	14.2	32.3
Laboratory systems strength and quality	25	25	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	25	25	46.5
RAPID RESPONSE	29.3	30.2	37.6
Emergency preparedness and response planning	0	16.7	30.4
Exercising response plans	0	0	21.1
Emergency response operation	33.3	33.3	27
Linking public health and security authorities	0	0	22.1
Risk communication	25	37.5	57.9
Access to communications infrastructure	71.8	73.8	65.7
Trade and travel restrictions	75	50	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	9.5	9.4	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	54.3	54.1	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	47.2	38	47.8
IHR reporting compliance and disaster risk reduction	50	0	58.5
Cross-border agreements on public and health emergency response	100	100	50
International commitments	25	28.1	56.1
JEE and PVS	0	0	18.7
Financing	41.7	33.3	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
RISK ENVIRONMENT	52.7	52.9	55.8
Political and security risk	72.8	69.1	58.1
Socio-economic resilience	63	63.3	60.9
Infrastructure adequacy	41.7	41.7	50.2
Environmental risks	33.1	35.7	54.7
Public health vulnerabilities	53.1	54.5	55.3

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