



PREVENT



DETECT



RESPOND



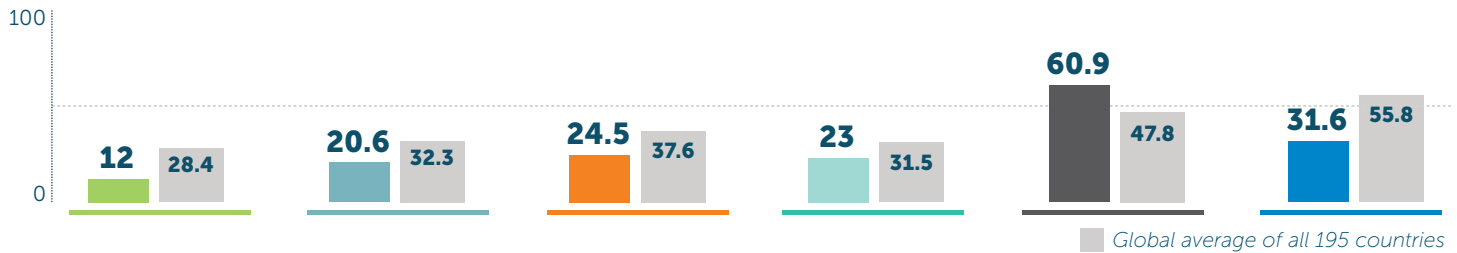
HEALTH



NORMS



RISK



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	15.4	12	28.4
Antimicrobial resistance (AMR)	16.7	16.7	45.3
Zoonotic disease	25.6	5.5	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	20	20.6	32.3
Laboratory systems strength and quality	12.5	12.5	44.9
Laboratory supply chains	0	0	15.9
Real-time surveillance and reporting	37.5	37.5	34.6
Surveillance data accessibility and transparency	20	23.3	34.7
Case-based investigation	0	0	16.9
Epidemiology workforce	50	50	46.5
RAPID RESPONSE	27.1	24.5	37.6
Emergency preparedness and response planning	4.2	20.8	30.4
Exercising response plans	0	25	21.1
Emergency response operation	33.3	33.3	27
Linking public health and security authorities	0	0	22.1
Risk communication	25	25	57.9
Access to communications infrastructure	27.2	17.4	65.7
Trade and travel restrictions	100	50	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	20.6	23	31.5
Health capacity in clinics, hospitals, and community care centers	34.4	51	30
Supply chain for health system and healthcare workers	0	0	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	60	60	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	50	50	45.1
COMPLIANCE WITH INTERNATIONAL NORMS	54.2	60.9	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	75	90.6	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	30.4	31.6	55.8
Political and security risk	4.9	5	58.1
Socio-economic resilience	45	46.6	60.9
Infrastructure adequacy	0	0	50.2
Environmental risks	58.6	61.3	54.7
Public health vulnerabilities	43.5	45.1	55.3

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