



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	42.5	42.5	28.4
Antimicrobial resistance (AMR)	41.7	41.7	45.3
Zoonotic disease	40.4	40.4	19.8
Biosecurity	48	48	18.7
Biosafety	50	50	20.9
Dual-use research and culture of responsible science	0	0	2.6
Immunization	75	75	63.3
DETECTION AND REPORTING	41.3	41.3	32.3
Laboratory systems strength and quality	75	75	44.9
Laboratory supply chains	0	0	15.9
Real-time surveillance and reporting	50	50	34.6
Surveillance data accessibility and transparency	60	60	34.7
Case-based investigation	12.5	12.5	16.9
Epidemiology workforce	50	50	46.5
RAPID RESPONSE	62.9	56.2	37.6
Emergency preparedness and response planning	58.3	58.3	30.4
Exercising response plans	0	25	21.1
Emergency response operation	33.3	33.3	27
Linking public health and security authorities	100	100	22.1
Risk communication	66.7	66.7	57.9
Access to communications infrastructure	81.8	85	65.7
Trade and travel restrictions	100	25	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	46.4	49.4	31.5
Health capacity in clinics, hospitals, and community care centers	40.7	56.8	30
Supply chain for health system and healthcare workers	55.6	61.1	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	53.3	53.1	55.2
Communications with health-care workers during a public health emergency	0	0	10.8
Infection control practices	100	100	40.5
Capacity to test and approve new medical countermeasures	75	75	45.1
COMPLIANCE WITH INTERNATIONAL NORMS	66.1	66.7	47.8
IHR reporting compliance and disaster risk reduction	100	100	58.5
Cross-border agreements on public and health emergency response	100	100	50
International commitments	96.9	100	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	74.2	76.9	55.8
Political and security risk	72.4	82	58.1
Socio-economic resilience	96	96.6	60.9
Infrastructure adequacy	75	75	50.2
Environmental risks	61.6	64.1	54.7
Public health vulnerabilities	66.2	66.8	55.3

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