



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	62.7	59.4	28.4
Antimicrobial resistance (AMR)	100	100	45.3
Zoonotic disease	49.4	29.3	19.8
Biosecurity	52	52	18.7
Biosafety	100	100	20.9
Dual-use research and culture of responsible science	0	0	2.6
Immunization	75	75	63.3
DETECTION AND REPORTING	45.1	45.7	32.3
Laboratory systems strength and quality	75	75	44.9
Laboratory supply chains	0	0	15.9
Real-time surveillance and reporting	62.5	62.5	34.6
Surveillance data accessibility and transparency	83.3	86.7	34.7
Case-based investigation	0	0	16.9
Epidemiology workforce	50	50	46.5
RAPID RESPONSE	56.2	47.7	37.6
Emergency preparedness and response planning	29.2	29.2	30.4
Exercising response plans	0	0	21.1
Emergency response operation	33.3	33.3	27
Linking public health and security authorities	100	100	22.1
Risk communication	54.2	66.7	57.9
Access to communications infrastructure	76.5	79.6	65.7
Trade and travel restrictions	100	25	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	68.1	70.4	31.5
Health capacity in clinics, hospitals, and community care centers	40.4	56.3	30
Supply chain for health system and healthcare workers	83.3	83.3	28.5
Medical countermeasures and personnel deployment	100	100	10.3
Healthcare access	53	53	55.2
Communications with health-care workers during a public health emergency	50	50	10.8
Infection control practices	100	100	40.5
Capacity to test and approve new medical countermeasures	50	50	45.1
COMPLIANCE WITH INTERNATIONAL NORMS	61.1	65.3	47.8
IHR reporting compliance and disaster risk reduction	50	50	58.5
Cross-border agreements on public and health emergency response	100	100	50
International commitments	100	100	56.1
JEE and PVS	0	0	18.7
Financing	16.7	41.7	35.2
Commitment to sharing of genetic and biological data and specimens	100	100	68.4
RISK ENVIRONMENT	82.6	82.9	55.8
Political and security risk	82.6	81.3	58.1
Socio-economic resilience	87.7	88.3	60.9
Infrastructure adequacy	100	100	50.2
Environmental risks	66	68.3	54.7
Public health vulnerabilities	76.8	76.4	55.3

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