



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	9.8	16.7	28.4
Antimicrobial resistance (AMR)	50	75	45.3
Zoonotic disease	8.8	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	0	25	63.3
DETECTION AND REPORTING	18.3	24.6	32.3
Laboratory systems strength and quality	25	50	44.9
Laboratory supply chains	0	0	15.9
Real-time surveillance and reporting	0	12.5	34.6
Surveillance data accessibility and transparency	10	10	34.7
Case-based investigation	0	0	16.9
Epidemiology workforce	75	75	46.5
RAPID RESPONSE	29.1	24	37.6
Emergency preparedness and response planning	0	16.7	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	37.5	12.5	57.9
Access to communications infrastructure	66.1	63.8	65.7
Trade and travel restrictions	100	50	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	9.7	12.1	31.5
Health capacity in clinics, hospitals, and community care centers	9.8	9.8	30
Supply chain for health system and healthcare workers	0	16.7	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	58.4	58.5	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	31.1	41.5	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	28.1	28.1	56.1
JEE and PVS	0	50	18.7
Financing	41.7	54.2	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
RISK ENVIRONMENT	47.4	48	55.8
Political and security risk	59.9	60	58.1
Socio-economic resilience	62.2	61.6	60.9
Infrastructure adequacy	16.7	16.7	50.2
Environmental risks	54.9	57.6	54.7
Public health vulnerabilities	43.3	44.4	55.3

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