



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	9.4	9.4	28.4
Antimicrobial resistance (AMR)	0	0	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	50	50	63.3
DETECTION AND REPORTING	0	0	32.3
Laboratory systems strength and quality	0	0	44.9
Laboratory supply chains	0	0	15.9
Real-time surveillance and reporting	0	0	34.6
Surveillance data accessibility and transparency	0	0	34.7
Case-based investigation	0	0	16.9
Epidemiology workforce	0	0	46.5
RAPID RESPONSE	28.7	25.1	37.6
Emergency preparedness and response planning	8.3	8.3	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	25	25	57.9
Access to communications infrastructure	67.9	67.2	65.7
Trade and travel restrictions	100	50	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	5.4	5.4	31.5
Health capacity in clinics, hospitals, and community care centers	15.5	15.5	30
Supply chain for health system and healthcare workers	0	0	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	22	22	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	29.9	21.5	47.8
IHR reporting compliance and disaster risk reduction	50	0	58.5
Cross-border agreements on public and health emergency response	50	50	50
International commitments	12.5	12.5	56.1
JEE and PVS	0	0	18.7
Financing	0	0	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
RISK ENVIRONMENT	56.5	59.1	55.8
Political and security risk	78.3	82	58.1
Socio-economic resilience	67.4	66.3	60.9
Infrastructure adequacy	41.7	50	50.2
Environmental risks	42.5	44.8	54.7
Public health vulnerabilities	52.6	52.5	55.3

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