



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	44	44	28.4
Antimicrobial resistance (AMR)	66.7	66.7	45.3
Zoonotic disease	28.2	28.3	19.8
Biosecurity	44	44	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	28.6	28.6	32.3
Laboratory systems strength and quality	50	50	44.9
Laboratory supply chains	0	0	15.9
Real-time surveillance and reporting	0	0	34.6
Surveillance data accessibility and transparency	46.7	46.7	34.7
Case-based investigation	25	25	16.9
Epidemiology workforce	50	50	46.5
RAPID RESPONSE	41.2	36.3	37.6
Emergency preparedness and response planning	16.7	33.3	30.4
Exercising response plans	37.5	25	21.1
Emergency response operation	33.3	33.3	27
Linking public health and security authorities	0	0	22.1
Risk communication	58.3	45.8	57.9
Access to communications infrastructure	67.3	66.5	65.7
Trade and travel restrictions	75	50	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	46.2	50.9	31.5
Health capacity in clinics, hospitals, and community care centers	17.9	34.5	30
Supply chain for health system and healthcare workers	44.4	61.1	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	61.1	61	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	100	100	45.1
COMPLIANCE WITH INTERNATIONAL NORMS	50.9	51.4	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	46.9	50	56.1
JEE and PVS	25	25	18.7
Financing	16.7	16.7	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
RISK ENVIRONMENT	58.9	58.5	55.8
Political and security risk	45.7	42.1	58.1
Socio-economic resilience	74.8	75.2	60.9
Infrastructure adequacy	66.7	66.7	50.2
Environmental risks	49.3	50.9	54.7
Public health vulnerabilities	57.9	57.9	55.3

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