



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	44.3	44.1	28.4
Antimicrobial resistance (AMR)	50	50	45.3
Zoonotic disease	50.5	49.8	19.8
Biosecurity	40	40	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	21.4	25	32.3
Laboratory systems strength and quality	25	50	44.9
Laboratory supply chains	0	0	15.9
Real-time surveillance and reporting	0	0	34.6
Surveillance data accessibility and transparency	53.3	50	34.7
Case-based investigation	0	0	16.9
Epidemiology workforce	50	50	46.5
RAPID RESPONSE	38	34	37.6
Emergency preparedness and response planning	4.2	20.8	30.4
Exercising response plans	0	25	21.1
Emergency response operation	33.3	33.3	27
Linking public health and security authorities	0	0	22.1
Risk communication	50	50	57.9
Access to communications infrastructure	78.4	84	65.7
Trade and travel restrictions	100	25	39

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

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	31.5	32.3	31.5
Health capacity in clinics, hospitals, and community care centers	45.5	45.5	30
Supply chain for health system and healthcare workers	50	55.6	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	50.3	50.2	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	75	75	45.1
COMPLIANCE WITH INTERNATIONAL NORMS	52.3	52.8	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	96.9	100	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	66.2	62.9	55.8
Political and security risk	58.9	48.1	58.1
Socio-economic resilience	85.1	76.7	60.9
Infrastructure adequacy	66.7	66.7	50.2
Environmental risks	67.8	70.6	54.7
Public health vulnerabilities	52.5	52.7	55.3