



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	43.7	40.3	28.4
Antimicrobial resistance (AMR)	66.7	66.7	45.3
Zoonotic disease	46.2	26.1	19.8
Biosecurity	24	24	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	42.1	55.1	32.3
Laboratory systems strength and quality	75	87.5	44.9
Laboratory supply chains	0	0	15.9
Real-time surveillance and reporting	37.5	62.5	34.6
Surveillance data accessibility and transparency	40	43.3	34.7
Case-based investigation	0	37.5	16.9
Epidemiology workforce	100	100	46.5
RAPID RESPONSE	35.3	30.6	37.6
Emergency preparedness and response planning	8.3	29.2	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	41.7	54.2	57.9
Access to communications infrastructure	63.5	72.6	65.7
Trade and travel restrictions	100	0	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	24	24	31.5
Health capacity in clinics, hospitals, and community care centers	22.5	22.5	30
Supply chain for health system and healthcare workers	33.3	33.3	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	62.4	62.3	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	50	50	45.1
COMPLIANCE WITH INTERNATIONAL NORMS	54.7	53.3	47.8
IHR reporting compliance and disaster risk reduction	50	50	58.5
Cross-border agreements on public and health emergency response	50	50	50
International commitments	78.1	78.1	56.1
JEE and PVS	50	25	18.7
Financing	33.3	50	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
RISK ENVIRONMENT	53.6	53.9	55.8
Political and security risk	63.1	63.1	58.1
Socio-economic resilience	54.2	54	60.9
Infrastructure adequacy	33.3	33.3	50.2
Environmental risks	65	66	54.7
Public health vulnerabilities	52.5	53.3	55.3

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