



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	36.3	33.8	28.4
Antimicrobial resistance (AMR)	75	75	45.3
Zoonotic disease	41.1	26.4	19.8
Biosecurity	26.7	26.7	18.7
Biosafety	0	0	20.9
Dual-use research and culture of responsible science	0	0	2.6
Immunization	75	75	63.3
DETECTION AND REPORTING	17.5	32.1	32.3
Laboratory systems strength and quality	0	25	44.9
Laboratory supply chains	0	0	15.9
Real-time surveillance and reporting	0	62.5	34.6
Surveillance data accessibility and transparency	30	30	34.7
Case-based investigation	25	25	16.9
Epidemiology workforce	50	50	46.5
RAPID RESPONSE	42.3	39.7	37.6
Emergency preparedness and response planning	41.7	41.7	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	37.5	37.5	57.9
Access to communications infrastructure	83.7	90.1	65.7
Trade and travel restrictions	100	50	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	37	41.7	31.5
Health capacity in clinics, hospitals, and community care centers	14.5	31	30
Supply chain for health system and healthcare workers	33.3	50	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	61.4	61.3	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	50	50	45.1
COMPLIANCE WITH INTERNATIONAL NORMS	54	59.2	47.8
IHR reporting compliance and disaster risk reduction	100	100	58.5
Cross-border agreements on public and health emergency response	100	100	50
International commitments	40.6	46.9	56.1
JEE and PVS	0	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	57.6	57.9	55.8
Political and security risk	61.1	57.2	58.1
Socio-economic resilience	72.2	72.4	60.9
Infrastructure adequacy	50	50	50.2
Environmental risks	54.5	59.5	54.7
Public health vulnerabilities	50.1	50.2	55.3

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