



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	21.6	12.5	28.4
Antimicrobial resistance (AMR)	50	50	45.3
Zoonotic disease	4.4	0	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	75	25	63.3
DETECTION AND REPORTING	8.5	8.5	32.3
Laboratory systems strength and quality	12.5	12.5	44.9
Laboratory supply chains	0	0	15.9
Real-time surveillance and reporting	25	25	34.6
Surveillance data accessibility and transparency	13.3	13.3	34.7
Case-based investigation	0	0	16.9
Epidemiology workforce	0	0	46.5
RAPID RESPONSE	46.9	45.8	37.6
Emergency preparedness and response planning	4.2	20.8	30.4
Exercising response plans	0	25	21.1
Emergency response operation	0	0	27
Linking public health and security authorities	100	100	22.1
Risk communication	54.2	54.2	57.9
Access to communications infrastructure	70	70.6	65.7
Trade and travel restrictions	100	50	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	27.2	27.2	31.5
Health capacity in clinics, hospitals, and community care centers	20.9	20.9	30
Supply chain for health system and healthcare workers	11.1	11.1	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	58.2	58.2	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	0	0	45.1
COMPLIANCE WITH INTERNATIONAL NORMS	43.6	42.7	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	28.1	31.3	56.1
JEE and PVS	25	25	18.7
Financing	41.7	33.3	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
RISK ENVIRONMENT	48.1	48.8	55.8
Political and security risk	56.6	57.3	58.1
Socio-economic resilience	49.3	49.2	60.9
Infrastructure adequacy	41.7	41.7	50.2
Environmental risks	57.7	60.2	54.7
Public health vulnerabilities	35.1	35.6	55.3

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