



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	16	16	28.4
Antimicrobial resistance (AMR)	8.3	8.3	45.3
Zoonotic disease	12.9	12.9	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	75	63.3
DETECTION AND REPORTING	6.3	6.3	32.3
Laboratory systems strength and quality	0	0	44.9
Laboratory supply chains	0	0	15.9
Real-time surveillance and reporting	12.5	12.5	34.6
Surveillance data accessibility and transparency	0	0	34.7
Case-based investigation	0	0	16.9
Epidemiology workforce	25	25	46.5
RAPID RESPONSE	33.9	36.3	37.6
Emergency preparedness and response planning	8.3	25	30.4
Exercising response plans	0	37.5	21.1
Emergency response operation	33.3	33.3	27
Linking public health and security authorities	0	0	22.1
Risk communication	25	37.5	57.9
Access to communications infrastructure	70.8	70.5	65.7
Trade and travel restrictions	100	50	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	10.1	10.1	31.5
Health capacity in clinics, hospitals, and community care centers	7.1	6.7	30
Supply chain for health system and healthcare workers	0	0	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	63.6	63.6	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	0	0	45.1
COMPLIANCE WITH INTERNATIONAL NORMS	26.9	23.8	47.8
IHR reporting compliance and disaster risk reduction	50	0	58.5
Cross-border agreements on public and health emergency response	0	0	50
International commitments	28.1	34.4	56.1
JEE and PVS	0	0	18.7
Financing	16.7	41.7	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
RISK ENVIRONMENT	58.9	62.3	55.8
Political and security risk	78.3	76	58.1
Socio-economic resilience	62.1	61.9	60.9
Infrastructure adequacy	50	66.7	50.2
Environmental risks	54.1	56.4	54.7
Public health vulnerabilities	50.2	50.2	55.3

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