



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	27	27	28.4
Antimicrobial resistance (AMR)	75	75	45.3
Zoonotic disease	12	11.9	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	22.6	33.1	32.3
Laboratory systems strength and quality	25	37.5	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	23.3	23.3	34.7
Case-based investigation	0	25	16.9
Epidemiology workforce	50	50	46.5
RAPID RESPONSE	34.2	31.4	37.6
Emergency preparedness and response planning	0	0	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	55.9	61.5	65.7
Trade and travel restrictions	100	50	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	15.6	22.7	31.5
Health capacity in clinics, hospitals, and community care centers	4.6	21.3	30
Supply chain for health system and healthcare workers	5.6	5.6	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	23.9	57.3	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	75	75	45.1
COMPLIANCE WITH INTERNATIONAL NORMS	33.9	34.4	47.8
IHR reporting compliance and disaster risk reduction	50	50	58.5
Cross-border agreements on public and health emergency response	0	0	50
International commitments	28.1	31.3	56.1
JEE and PVS	25	25	18.7
Financing	33.3	33.3	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
RISK ENVIRONMENT	56.4	57.2	55.8
Political and security risk	72.6	71.5	58.1
Socio-economic resilience	53.8	53.8	60.9
Infrastructure adequacy	41.7	41.7	50.2
Environmental risks	60.5	64.8	54.7
Public health vulnerabilities	53.6	54.3	55.3

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