



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	12.5	9.2	28.4
Antimicrobial resistance (AMR)	0	0	45.3
Zoonotic disease	21.3	1.4	19.8
Biosecurity	4	4	18.7
Biosafety	0	0	20.9
Dual-use research and culture of responsible science	0	0	2.6
Immunization	50	50	63.3
DETECTION AND REPORTING	35.4	31.8	32.3
Laboratory systems strength and quality	12.5	12.5	44.9
Laboratory supply chains	50	50	15.9
Real-time surveillance and reporting	50	25	34.6
Surveillance data accessibility and transparency	0	3.3	34.7
Case-based investigation	0	0	16.9
Epidemiology workforce	100	100	46.5
RAPID RESPONSE	27.4	31.1	37.6
Emergency preparedness and response planning	0	16.7	30.4
Exercising response plans	0	25	21.1
Emergency response operation	0	0	27
Linking public health and security authorities	0	0	22.1
Risk communication	25	50	57.9
Access to communications infrastructure	66.9	76	65.7
Trade and travel restrictions	100	50	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	14.4	16.8	31.5
Health capacity in clinics, hospitals, and community care centers	5.5	22.2	30
Supply chain for health system and healthcare workers	16.7	16.7	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	53.8	53.8	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	25	25	45.1
COMPLIANCE WITH INTERNATIONAL NORMS	41.5	40.6	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	15.6	18.8	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	53.9	52.2	55.8
Political and security risk	73.9	71.4	58.1
Socio-economic resilience	45.7	46	60.9
Infrastructure adequacy	58.3	58.3	50.2
Environmental risks	47.9	41.6	54.7
Public health vulnerabilities	43.6	43.5	55.3

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