



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	52.9	52.9	28.4
Antimicrobial resistance (AMR)	100	100	45.3
Zoonotic disease	73.6	73.5	19.8
Biosecurity	44	44	18.7
Biosafety	50	50	20.9
Dual-use research and culture of responsible science	0	0	2.6
Immunization	50	50	63.3
DETECTION AND REPORTING	49.9	50.4	32.3
Laboratory systems strength and quality	75	87.5	44.9
Laboratory supply chains	0	0	15.9
Real-time surveillance and reporting	87.5	62.5	34.6
Surveillance data accessibility and transparency	86.7	90	34.7
Case-based investigation	0	12.5	16.9
Epidemiology workforce	50	50	46.5
RAPID RESPONSE	43.9	41.4	37.6
Emergency preparedness and response planning	25	41.7	30.4
Exercising response plans	0	25	21.1
Emergency response operation	33.3	0	27
Linking public health and security authorities	0	0	22.1
Risk communication	66.7	66.7	57.9
Access to communications infrastructure	82.4	81.7	65.7
Trade and travel restrictions	100	75	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	49.3	51.7	31.5
Health capacity in clinics, hospitals, and community care centers	56.5	73.3	30
Supply chain for health system and healthcare workers	61.1	61.1	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	52.3	52.3	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	75	75	45.1
COMPLIANCE WITH INTERNATIONAL NORMS	55.6	55.6	47.8
IHR reporting compliance and disaster risk reduction	50	50	58.5
Cross-border agreements on public and health emergency response	100	100	50
International commitments	100	100	56.1
JEE and PVS	0	0	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	78.9	79.9	55.8
Political and security risk	76.3	78	58.1
Socio-economic resilience	87.5	87.8	60.9
Infrastructure adequacy	75	75	50.2
Environmental risks	71.4	73.9	54.7
Public health vulnerabilities	84.4	85	55.3

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