



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	17.4	9	28.4
Antimicrobial resistance (AMR)	50	50	45.3
Zoonotic disease	0.3	0	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	0	63.3
DETECTION AND REPORTING	31.4	31.4	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	62.5	62.5	34.6
Surveillance data accessibility and transparency	13.3	13.3	34.7
Case-based investigation	0	0	16.9
Epidemiology workforce	100	100	46.5
RAPID RESPONSE	39.1	37.3	37.6
Emergency preparedness and response planning	4.2	20.8	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	83.3	83.3	57.9
Access to communications infrastructure	53.2	48.7	65.7
Trade and travel restrictions	100	50	39

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

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	30.6	31	31.5
Health capacity in clinics, hospitals, and community care centers	17.2	17.2	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	55.7	58.4	55.2
Communications with health-care workers during a public health emergency	50	50	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	48.6	47.2	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	25	25	56.1
JEE and PVS	50	50	18.7
Financing	50	41.7	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
RISK ENVIRONMENT	37.7	40.3	55.8
Political and security risk	56.7	58.5	58.1
Socio-economic resilience	34.4	34.4	60.9
Infrastructure adequacy	16.7	25	50.2
Environmental risks	47.1	49.7	54.7
Public health vulnerabilities	33.5	34.1	55.3