



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	33.4	33.4	28.4
Antimicrobial resistance (AMR)	58.3	58.3	45.3
Zoonotic disease	42.2	42.2	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	100	100	63.3
DETECTION AND REPORTING	50	52.1	32.3
Laboratory systems strength and quality	37.5	50	44.9
Laboratory supply chains	0	0	15.9
Real-time surveillance and reporting	87.5	87.5	34.6
Surveillance data accessibility and transparency	50	50	34.7
Case-based investigation	50	50	16.9
Epidemiology workforce	75	75	46.5
RAPID RESPONSE	39.4	32.7	37.6
Emergency preparedness and response planning	4.2	4.2	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	54.2	54.2	57.9
Access to communications infrastructure	83.8	87.1	65.7
Trade and travel restrictions	100	25	39

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

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	38.4	40.7	31.5
Health capacity in clinics, hospitals, and community care centers	29.5	45.6	30
Supply chain for health system and healthcare workers	27.8	27.8	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	61.3	61.4	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	50	50	45.1
COMPLIANCE WITH INTERNATIONAL NORMS	49.3	49.5	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	87.5	96.9	56.1
JEE and PVS	25	25	18.7
Financing	16.7	8.3	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
RISK ENVIRONMENT	59.7	61.2	55.8
Political and security risk	58	54.5	58.1
Socio-economic resilience	50.5	59	60.9
Infrastructure adequacy	75	75	50.2
Environmental risks	44.7	47.2	54.7
Public health vulnerabilities	70.6	70.2	55.3