



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	42	42	28.4
Antimicrobial resistance (AMR)	33.3	33.3	45.3
Zoonotic disease	24.5	24.6	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	100	100	63.3
DETECTION AND REPORTING	45.4	40	32.3
Laboratory systems strength and quality	50	50	44.9
Laboratory supply chains	0	0	15.9
Real-time surveillance and reporting	12.5	12.5	34.6
Surveillance data accessibility and transparency	60	40	34.7
Case-based investigation	50	37.5	16.9
Epidemiology workforce	100	100	46.5
RAPID RESPONSE	43.5	38.1	37.6
Emergency preparedness and response planning	0	16.7	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	100	100	57.9
Access to communications infrastructure	71.3	66.4	65.7
Trade and travel restrictions	100	25	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	37.8	47.4	31.5
Health capacity in clinics, hospitals, and community care centers	8.8	42.1	30
Supply chain for health system and healthcare workers	44.4	77.8	28.5
Medical countermeasures and personnel deployment	50	50	10.3
Healthcare access	61.7	61.8	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	50	50	45.1
COMPLIANCE WITH INTERNATIONAL NORMS	55	52.1	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	46.9	37.5	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	53.7	50.6	55.8
Political and security risk	63	62.5	58.1
Socio-economic resilience	70.6	62.3	60.9
Infrastructure adequacy	33.3	33.3	50.2
Environmental risks	54.8	48.4	54.7
Public health vulnerabilities	46.9	46.5	55.3

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