



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	57.5	54.2	28.4
Antimicrobial resistance (AMR)	83.3	83.3	45.3
Zoonotic disease	42.5	22.7	19.8
Biosecurity	44	44	18.7
Biosafety	100	100	20.9
Dual-use research and culture of responsible science	0	0	2.6
Immunization	75	75	63.3
DETECTION AND REPORTING	52.9	52.9	32.3
Laboratory systems strength and quality	75	75	44.9
Laboratory supply chains	50	50	15.9
Real-time surveillance and reporting	62.5	37.5	34.6
Surveillance data accessibility and transparency	80	80	34.7
Case-based investigation	0	25	16.9
Epidemiology workforce	50	50	46.5
RAPID RESPONSE	57.5	46.4	37.6
Emergency preparedness and response planning	12.5	12.5	30.4
Exercising response plans	25	25	21.1
Emergency response operation	33.3	33.3	27
Linking public health and security authorities	100	100	22.1
Risk communication	50	50	57.9
Access to communications infrastructure	81.6	78.8	65.7
Trade and travel restrictions	100	25	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	64.3	64.2	31.5
Health capacity in clinics, hospitals, and community care centers	46.2	45.5	30
Supply chain for health system and healthcare workers	44.4	44.4	28.5
Medical countermeasures and personnel deployment	50	50	10.3
Healthcare access	59.7	59.6	55.2
Communications with health-care workers during a public health emergency	100	100	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	60.6	61.1	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	96.9	100	56.1
JEE and PVS	25	25	18.7
Financing	25	25	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
RISK ENVIRONMENT	78.4	77.2	55.8
Political and security risk	75	75	58.1
Socio-economic resilience	98.9	90.6	60.9
Infrastructure adequacy	83.3	83.3	50.2
Environmental risks	56.4	58.8	54.7
Public health vulnerabilities	78.6	78.3	55.3

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