



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	36.8	42.3	28.4
Antimicrobial resistance (AMR)	58.3	66.7	45.3
Zoonotic disease	13.2	13.2	19.8
Biosecurity	24	24	18.7
Biosafety	50	50	20.9
Dual-use research and culture of responsible science	0	0	2.6
Immunization	75	100	63.3
DETECTION AND REPORTING	51.7	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	50	50	34.6
Surveillance data accessibility and transparency	60	40	34.7
Case-based investigation	50	50	16.9
Epidemiology workforce	75	75	46.5
RAPID RESPONSE	61.8	63.5	37.6
Emergency preparedness and response planning	54.2	70.8	30.4
Exercising response plans	75	25	21.1
Emergency response operation	0	33.3	27
Linking public health and security authorities	100	100	22.1
Risk communication	25	83.3	57.9
Access to communications infrastructure	78.7	81.7	65.7
Trade and travel restrictions	100	50	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	48	55	31.5
Health capacity in clinics, hospitals, and community care centers	41.6	41.5	30
Supply chain for health system and healthcare workers	33.3	33.3	28.5
Medical countermeasures and personnel deployment	50	50	10.3
Healthcare access	61	60.4	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	100	45.1
COMPLIANCE WITH INTERNATIONAL NORMS	42.2	43.2	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	28.1	34.4	56.1
JEE and PVS	0	0	18.7
Financing	58.3	58.3	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
RISK ENVIRONMENT	61.8	66.4	55.8
Political and security risk	62.1	65.7	58.1
Socio-economic resilience	56	64.3	60.9
Infrastructure adequacy	75	83.3	50.2
Environmental risks	56.5	59	54.7
Public health vulnerabilities	59.3	59.8	55.3

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