



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	32.6	32.6	28.4
Antimicrobial resistance (AMR)	8.3	8.3	45.3
Zoonotic disease	38.4	38.4	19.8
Biosecurity	24	24	18.7
Biosafety	25	25	20.9
Dual-use research and culture of responsible science	0	0	2.6
Immunization	100	100	63.3
DETECTION AND REPORTING	21.7	21.7	32.3
Laboratory systems strength and quality	0	0	44.9
Laboratory supply chains	0	0	15.9
Real-time surveillance and reporting	50	50	34.6
Surveillance data accessibility and transparency	30	30	34.7
Case-based investigation	0	0	16.9
Epidemiology workforce	50	50	46.5
RAPID RESPONSE	33.4	32.4	37.6
Emergency preparedness and response planning	20.8	20.8	30.4
Exercising response plans	0	37.5	21.1
Emergency response operation	33.3	33.3	27
Linking public health and security authorities	0	0	22.1
Risk communication	41.7	66.7	57.9
Access to communications infrastructure	63.2	68.6	65.7
Trade and travel restrictions	75	0	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	21.7	24.1	31.5
Health capacity in clinics, hospitals, and community care centers	17.7	34.5	30
Supply chain for health system and healthcare workers	0	0	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	59.4	59.3	55.2
Communications with health-care workers during a public health emergency	0	0	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	37.8	38.4	47.8
IHR reporting compliance and disaster risk reduction	50	50	58.5
Cross-border agreements on public and health emergency response	0	0	50
International commitments	93.8	96.9	56.1
JEE and PVS	0	0	18.7
Financing	16.7	16.7	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
RISK ENVIRONMENT	57.8	59.3	55.8
Political and security risk	30.4	26.3	58.1
Socio-economic resilience	62.7	70.9	60.9
Infrastructure adequacy	66.7	66.7	50.2
Environmental risks	65.5	68.4	54.7
Public health vulnerabilities	63.9	64.2	55.3

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