



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	41.5	41.5	28.4
Antimicrobial resistance (AMR)	83.3	83.3	45.3
Zoonotic disease	46.5	46.5	19.8
Biosecurity	44	44	18.7
Biosafety	0	0	20.9
Dual-use research and culture of responsible science	0	0	2.6
Immunization	75	75	63.3
DETECTION AND REPORTING	54.6	56.7	32.3
Laboratory systems strength and quality	87.5	87.5	44.9
Laboratory supply chains	0	0	15.9
Real-time surveillance and reporting	100	100	34.6
Surveillance data accessibility and transparency	90	90	34.7
Case-based investigation	0	12.5	16.9
Epidemiology workforce	50	50	46.5
RAPID RESPONSE	52	43.6	37.6
Emergency preparedness and response planning	54.2	70.8	30.4
Exercising response plans	25	25	21.1
Emergency response operation	33.3	33.3	27
Linking public health and security authorities	0	0	22.1
Risk communication	66.7	66.7	57.9
Access to communications infrastructure	84.8	84.2	65.7
Trade and travel restrictions	100	25	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	64.4	64.4	31.5
Health capacity in clinics, hospitals, and community care centers	32.6	32.6	30
Supply chain for health system and healthcare workers	38.9	38.9	28.5
Medical countermeasures and personnel deployment	50	50	10.3
Healthcare access	54.3	54.2	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	75	75	45.1
COMPLIANCE WITH INTERNATIONAL NORMS	64.8	59.7	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	96.9	100	56.1
JEE and PVS	25	0	18.7
Financing	66.7	58.3	35.2
Commitment to sharing of genetic and biological data and specimens	100	100	68.4
RISK ENVIRONMENT	59.3	60.6	55.8
Political and security risk	67	62.4	58.1
Socio-economic resilience	75	75	60.9
Infrastructure adequacy	41.7	50	50.2
Environmental risks	48.1	51.1	54.7
Public health vulnerabilities	65	64.7	55.3

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