



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	33.6	30.2	28.4
Antimicrobial resistance (AMR)	50	50	45.3
Zoonotic disease	47.4	27.2	19.8
Biosecurity	4	4	18.7
Biosafety	0	0	20.9
Dual-use research and culture of responsible science	0	0	2.6
Immunization	100	100	63.3
DETECTION AND REPORTING	37.9	37.9	32.3
Laboratory systems strength and quality	75	75	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	40	40	34.7
Case-based investigation	0	0	16.9
Epidemiology workforce	100	100	46.5
RAPID RESPONSE	44.5	41.1	37.6
Emergency preparedness and response planning	0	16.7	30.4
Exercising response plans	25	25	21.1
Emergency response operation	66.7	66.7	27
Linking public health and security authorities	0	0	22.1
Risk communication	50	50	57.9
Access to communications infrastructure	70.1	79.2	65.7
Trade and travel restrictions	100	50	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	24.1	24.3	31.5
Health capacity in clinics, hospitals, and community care centers	17.2	18.4	30
Supply chain for health system and healthcare workers	38.9	38.9	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	62.9	63	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	50	50	45.1
COMPLIANCE WITH INTERNATIONAL NORMS	42.2	46.2	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	78.1	93.8	56.1
JEE and PVS	25	25	18.7
Financing	33.3	41.7	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
RISK ENVIRONMENT	63.2	66.3	55.8
Political and security risk	74.4	79.1	58.1
Socio-economic resilience	74	73.5	60.9
Infrastructure adequacy	50	58.3	50.2
Environmental risks	67	69.8	54.7
Public health vulnerabilities	50.7	50.7	55.3

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