



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	22	22.1	28.4
Antimicrobial resistance (AMR)	25	25	45.3
Zoonotic disease	6.8	7.5	19.8
Biosecurity	0	0	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	27.1	27.6	32.3
Laboratory systems strength and quality	37.5	37.5	44.9
Laboratory supply chains	50	50	15.9
Real-time surveillance and reporting	0	0	34.6
Surveillance data accessibility and transparency	0	3.3	34.7
Case-based investigation	0	0	16.9
Epidemiology workforce	75	75	46.5
RAPID RESPONSE	32.7	21.8	37.6
Emergency preparedness and response planning	0	0	30.4
Exercising response plans	0	0	21.1
Emergency response operation	33.3	33.3	27
Linking public health and security authorities	0	0	22.1
Risk communication	25	0	57.9
Access to communications infrastructure	70.7	68.9	65.7
Trade and travel restrictions	100	50	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	31.2	30.6	31.5
Health capacity in clinics, hospitals, and community care centers	16.9	12.8	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	62.6	62.4	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	0	0	45.1
COMPLIANCE WITH INTERNATIONAL NORMS	38	38	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	28.1	56.1
JEE and PVS	25	25	18.7
Financing	8.3	8.3	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
RISK ENVIRONMENT	48.8	51.1	55.8
Political and security risk	44.5	52.8	58.1
Socio-economic resilience	51.2	51.5	60.9
Infrastructure adequacy	33.3	33.3	50.2
Environmental risks	48.7	51.2	54.7
Public health vulnerabilities	66.4	66.5	55.3

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