



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	8.3	8.6	28.4
Antimicrobial resistance (AMR)	0	0	45.3
Zoonotic disease	0	1.4	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	50	50	63.3
DETECTION AND REPORTING	22.9	18.8	32.3
Laboratory systems strength and quality	12.5	12.5	44.9
Laboratory supply chains	0	0	15.9
Real-time surveillance and reporting	25	0	34.6
Surveillance data accessibility and transparency	0	0	34.7
Case-based investigation	0	0	16.9
Epidemiology workforce	100	100	46.5
RAPID RESPONSE	37.4	32.5	37.6
Emergency preparedness and response planning	33.3	50	30.4
Exercising response plans	0	25	21.1
Emergency response operation	0	0	27
Linking public health and security authorities	0	0	22.1
Risk communication	54.2	54.2	57.9
Access to communications infrastructure	74.3	73.3	65.7
Trade and travel restrictions	100	25	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	15.8	18.2	31.5
Health capacity in clinics, hospitals, and community care centers	15.1	31.7	30
Supply chain for health system and healthcare workers	11.1	11.1	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	59.3	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	25	25	45.1
COMPLIANCE WITH INTERNATIONAL NORMS	45.1	45.7	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	37.5	40.6	56.1
JEE and PVS	25	25	18.7
Financing	41.7	41.7	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
RISK ENVIRONMENT	69.8	67.3	55.8
Political and security risk	75.8	77	58.1
Socio-economic resilience	67.3	75.9	60.9
Infrastructure adequacy	83.3	83.3	50.2
Environmental risks	63.4	41	54.7
Public health vulnerabilities	59.2	59.2	55.3

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