



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	7.5	7.5	28.4
Antimicrobial resistance (AMR)	25	25	45.3
Zoonotic disease	0	0	19.8
Biosecurity	20	20	18.7
Biosafety	0	0	20.9
Dual-use research and culture of responsible science	0	0	2.6
Immunization	0	0	63.3
DETECTION AND REPORTING	20.6	20.6	32.3
Laboratory systems strength and quality	0	0	44.9
Laboratory supply chains	50	50	15.9
Real-time surveillance and reporting	0	0	34.6
Surveillance data accessibility and transparency	23.3	23.3	34.7
Case-based investigation	0	0	16.9
Epidemiology workforce	50	50	46.5
RAPID RESPONSE	30.8	35.6	37.6
Emergency preparedness and response planning	0	16.7	30.4
Exercising response plans	0	0	21.1
Emergency response operation	0	0	27
Linking public health and security authorities	0	0	22.1
Risk communication	37.5	54.2	57.9
Access to communications infrastructure	78.4	78.7	65.7
Trade and travel restrictions	100	100	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	40.9	40.9	31.5
Health capacity in clinics, hospitals, and community care centers	48.2	48.2	30
Supply chain for health system and healthcare workers	33.3	33.3	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	54.4	54.5	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	50	50	45.1
COMPLIANCE WITH INTERNATIONAL NORMS	26.9	19.1	47.8
IHR reporting compliance and disaster risk reduction	50	0	58.5
Cross-border agreements on public and health emergency response	0	0	50
International commitments	28.1	31.3	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	76	76	55.8
Political and security risk	92.2	92.2	58.1
Socio-economic resilience	72.5	70	60.9
Infrastructure adequacy	100	100	50.2
Environmental risks	55.1	57.8	54.7
Public health vulnerabilities	60.2	59.9	55.3

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