



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	53.2	48.8	28.4
Antimicrobial resistance (AMR)	75	75	45.3
Zoonotic disease	51.8	55	19.8
Biosecurity	42.7	62.7	18.7
Biosafety	50	50	20.9
Dual-use research and culture of responsible science	0	0	2.6
Immunization	100	50	63.3
DETECTION AND REPORTING	67.5	73.8	32.3
Laboratory systems strength and quality	62.5	62.5	44.9
Laboratory supply chains	50	50	15.9
Real-time surveillance and reporting	87.5	87.5	34.6
Surveillance data accessibility and transparency	80	80	34.7
Case-based investigation	25	62.5	16.9
Epidemiology workforce	100	100	46.5
RAPID RESPONSE	74.9	65	37.6
Emergency preparedness and response planning	83.3	91.7	30.4
Exercising response plans	0	25	21.1
Emergency response operation	100	66.7	27
Linking public health and security authorities	100	100	22.1
Risk communication	83.3	83.3	57.9
Access to communications infrastructure	82.8	88	65.7
Trade and travel restrictions	75	0	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	58.8	62.5	31.5
Health capacity in clinics, hospitals, and community care centers	74.5	75.6	30
Supply chain for health system and healthcare workers	44.4	44.4	28.5
Medical countermeasures and personnel deployment	50	50	10.3
Healthcare access	17.9	17.5	55.2
Communications with health-care workers during a public health emergency	50	50	10.8
Infection control practices	100	100	40.5
Capacity to test and approve new medical countermeasures	75	100	45.1
COMPLIANCE WITH INTERNATIONAL NORMS	66.7	69.4	47.8
IHR reporting compliance and disaster risk reduction	100	100	58.5
Cross-border agreements on public and health emergency response	50	50	50
International commitments	100	100	56.1
JEE and PVS	25	25	18.7
Financing	58.3	75	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
RISK ENVIRONMENT	74.1	73.1	55.8
Political and security risk	66.6	66.4	58.1
Socio-economic resilience	83.9	92.3	60.9
Infrastructure adequacy	83.3	83.3	50.2
Environmental risks	59.4	45.7	54.7
Public health vulnerabilities	77.3	78	55.3

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