



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	46.8	43.5	28.4
Antimicrobial resistance (AMR)	75	75	45.3
Zoonotic disease	36.8	16.8	19.8
Biosecurity	44	44	18.7
Biosafety	50	50	20.9
Dual-use research and culture of responsible science	0	0	2.6
Immunization	75	75	63.3
DETECTION AND REPORTING	31	42.5	32.3
Laboratory systems strength and quality	50	62.5	44.9
Laboratory supply chains	0	0	15.9
Real-time surveillance and reporting	0	50	34.6
Surveillance data accessibility and transparency	73.3	80	34.7
Case-based investigation	12.5	12.5	16.9
Epidemiology workforce	50	50	46.5
RAPID RESPONSE	59.9	53.3	37.6
Emergency preparedness and response planning	50	50	30.4
Exercising response plans	0	25	21.1
Emergency response operation	33.3	33.3	27
Linking public health and security authorities	100	100	22.1
Risk communication	83.3	58.3	57.9
Access to communications infrastructure	77.8	81.5	65.7
Trade and travel restrictions	75	25	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	55.1	52.7	31.5
Health capacity in clinics, hospitals, and community care centers	51.5	34.8	30
Supply chain for health system and healthcare workers	72.2	72.2	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	61.9	61.8	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	50	50	45.1
COMPLIANCE WITH INTERNATIONAL NORMS	63.4	72.2	47.8
IHR reporting compliance and disaster risk reduction	50	100	58.5
Cross-border agreements on public and health emergency response	100	100	50
International commitments	96.9	100	56.1
JEE and PVS	0	0	18.7
Financing	66.7	66.7	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
RISK ENVIRONMENT	69.8	70.1	55.8
Political and security risk	74.5	73.3	58.1
Socio-economic resilience	70.6	70.8	60.9
Infrastructure adequacy	66.7	66.7	50.2
Environmental risks	71.7	74.3	54.7
Public health vulnerabilities	65.4	65.7	55.3

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