



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	42.4	39	28.4
Antimicrobial resistance (AMR)	58.3	58.3	45.3
Zoonotic disease	51.9	31.9	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	50	50	63.3
DETECTION AND REPORTING	33.6	44	32.3
Laboratory systems strength and quality	75	87.5	44.9
Laboratory supply chains	0	0	15.9
Real-time surveillance and reporting	0	0	34.6
Surveillance data accessibility and transparency	76.7	76.7	34.7
Case-based investigation	0	50	16.9
Epidemiology workforce	50	50	46.5
RAPID RESPONSE	32.7	24.7	37.6
Emergency preparedness and response planning	8.3	25	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	50	50	57.9
Access to communications infrastructure	70.3	72.7	65.7
Trade and travel restrictions	100	0	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	45.4	47.9	31.5
Health capacity in clinics, hospitals, and community care centers	19.5	36.9	30
Supply chain for health system and healthcare workers	61.1	61.1	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	62.1	62	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	75	75	45.1
COMPLIANCE WITH INTERNATIONAL NORMS	55	55.6	47.8
IHR reporting compliance and disaster risk reduction	50	50	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	16.7	16.7	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
RISK ENVIRONMENT	63.7	63.3	55.8
Political and security risk	73.9	76.7	58.1
Socio-economic resilience	69.6	61.1	60.9
Infrastructure adequacy	66.7	66.7	50.2
Environmental risks	60	62.4	54.7
Public health vulnerabilities	48.4	49.6	55.3

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