



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	30.8	22.1	28.4
Antimicrobial resistance (AMR)	41.7	41.7	45.3
Zoonotic disease	19.2	16.7	19.8
Biosecurity	24	24	18.7
Biosafety	0	0	20.9
Dual-use research and culture of responsible science	0	0	2.6
Immunization	100	50	63.3
DETECTION AND REPORTING	5.8	10.6	32.3
Laboratory systems strength and quality	0	25	44.9
Laboratory supply chains	0	0	15.9
Real-time surveillance and reporting	25	25	34.6
Surveillance data accessibility and transparency	10	13.3	34.7
Case-based investigation	0	0	16.9
Epidemiology workforce	0	0	46.5
RAPID RESPONSE	34.5	29.3	37.6
Emergency preparedness and response planning	33.3	50	30.4
Exercising response plans	0	25	21.1
Emergency response operation	33.3	33.3	27
Linking public health and security authorities	0	0	22.1
Risk communication	25	37.5	57.9
Access to communications infrastructure	49.9	34.3	65.7
Trade and travel restrictions	100	25	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	24.9	24.8	31.5
Health capacity in clinics, hospitals, and community care centers	13.7	13.6	30
Supply chain for health system and healthcare workers	44.4	44.4	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	65.8	65.3	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	50	50	45.1
COMPLIANCE WITH INTERNATIONAL NORMS	39.4	41.1	47.8
IHR reporting compliance and disaster risk reduction	50	0	58.5
Cross-border agreements on public and health emergency response	50	50	50
International commitments	28.1	46.9	56.1
JEE and PVS	0	50	18.7
Financing	41.7	33.3	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
RISK ENVIRONMENT	43.5	48	55.8
Political and security risk	37.9	41.5	58.1
Socio-economic resilience	52.1	67.5	60.9
Infrastructure adequacy	16.7	16.7	50.2
Environmental risks	49.8	52.6	54.7
Public health vulnerabilities	60.9	62	55.3

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