



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	19.4	15.3	28.4
Antimicrobial resistance (AMR)	33.3	33.3	45.3
Zoonotic disease	8.2	8.4	19.8
Biosecurity	0	0	18.7
Biosafety	0	0	20.9
Dual-use research and culture of responsible science	0	0	2.6
Immunization	75	50	63.3
DETECTION AND REPORTING	8.5	12.6	32.3
Laboratory systems strength and quality	0	25	44.9
Laboratory supply chains	0	0	15.9
Real-time surveillance and reporting	37.5	37.5	34.6
Surveillance data accessibility and transparency	13.3	13.3	34.7
Case-based investigation	0	0	16.9
Epidemiology workforce	0	0	46.5
RAPID RESPONSE	31.1	25.6	37.6
Emergency preparedness and response planning	0	16.7	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	59.6	66.4	65.7
Trade and travel restrictions	100	0	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	12.6	15	31.5
Health capacity in clinics, hospitals, and community care centers	6.8	23.5	30
Supply chain for health system and healthcare workers	0	0	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	56.5	56.4	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	25	25	45.1
COMPLIANCE WITH INTERNATIONAL NORMS	37.3	38.9	47.8
IHR reporting compliance and disaster risk reduction	50	50	58.5
Cross-border agreements on public and health emergency response	50	50	50
International commitments	40.6	50	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	52	49.7	55.8
Political and security risk	46.1	41.6	58.1
Socio-economic resilience	64.9	56.5	60.9
Infrastructure adequacy	41.7	41.7	50.2
Environmental risks	57.5	59.8	54.7
Public health vulnerabilities	49.5	49	55.3

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