



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	23.4	27.7	28.4
Antimicrobial resistance (AMR)	58.3	58.3	45.3
Zoonotic disease	7.1	7.7	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	100	63.3
DETECTION AND REPORTING	20.4	20.4	32.3
Laboratory systems strength and quality	0	0	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	10	10	34.7
Case-based investigation	0	0	16.9
Epidemiology workforce	75	75	46.5
RAPID RESPONSE	28.9	22.1	37.6
Emergency preparedness and response planning	4.2	4.2	30.4
Exercising response plans	0	0	21.1
Emergency response operation	0	0	27
Linking public health and security authorities	0	0	22.1
Risk communication	37.5	37.5	57.9
Access to communications infrastructure	60.8	62.7	65.7
Trade and travel restrictions	100	50	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	11	10.9	31.5
Health capacity in clinics, hospitals, and community care centers	22.2	21.9	30
Supply chain for health system and healthcare workers	0	0	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	54.6	54.6	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	0	0	45.1
COMPLIANCE WITH INTERNATIONAL NORMS	47.2	46.4	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	25	28.1	56.1
JEE and PVS	0	0	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	50.1	50.7	55.8
Political and security risk	61.2	62.4	58.1
Socio-economic resilience	57.7	57.5	60.9
Infrastructure adequacy	41.7	41.7	50.2
Environmental risks	34.2	36.4	54.7
Public health vulnerabilities	55.6	55.6	55.3

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