



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	7.6	7.6	28.4
Antimicrobial resistance (AMR)	0	0	45.3
Zoonotic disease	41.7	41.7	19.8
Biosecurity	4	4	18.7
Biosafety	0	0	20.9
Dual-use research and culture of responsible science	0	0	2.6
Immunization	0	0	63.3
DETECTION AND REPORTING	23.8	24.6	32.3
Laboratory systems strength and quality	25	25	44.9
Laboratory supply chains	0	0	15.9
Real-time surveillance and reporting	37.5	12.5	34.6
Surveillance data accessibility and transparency	30	10	34.7
Case-based investigation	0	0	16.9
Epidemiology workforce	50	100	46.5
RAPID RESPONSE	34.7	32.6	37.6
Emergency preparedness and response planning	4.2	4.2	30.4
Exercising response plans	25	25	21.1
Emergency response operation	0	0	27
Linking public health and security authorities	0	0	22.1
Risk communication	66.7	66.7	57.9
Access to communications infrastructure	46.9	32	65.7
Trade and travel restrictions	100	100	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	29.2	36.4	31.5
Health capacity in clinics, hospitals, and community care centers	1.3	17.9	30
Supply chain for health system and healthcare workers	11.1	11.1	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	17.2	50.6	55.2
Communications with health-care workers during a public health emergency	100	100	10.8
Infection control practices	0	0	40.5
Capacity to test and approve new medical countermeasures	75	75	45.1
COMPLIANCE WITH INTERNATIONAL NORMS	67.4	66.5	47.8
IHR reporting compliance and disaster risk reduction	100	100	58.5
Cross-border agreements on public and health emergency response	50	50	50
International commitments	75	78.1	56.1
JEE and PVS	50	50	18.7
Financing	62.5	54.2	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
RISK ENVIRONMENT	44.7	46.6	55.8
Political and security risk	60.3	61.5	58.1
Socio-economic resilience	41.8	41.9	60.9
Infrastructure adequacy	8.3	8.3	50.2
Environmental risks	59.5	62	54.7
Public health vulnerabilities	53.4	59.6	55.3

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