



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	0.8	4.2	28.4
Antimicrobial resistance (AMR)	0	0	45.3
Zoonotic disease	4.5	0	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	0	25	63.3
DETECTION AND REPORTING	1.7	17.5	32.3
Laboratory systems strength and quality	0	0	44.9
Laboratory supply chains	0	50	15.9
Real-time surveillance and reporting	0	0	34.6
Surveillance data accessibility and transparency	10	30	34.7
Case-based investigation	0	0	16.9
Epidemiology workforce	0	25	46.5
RAPID RESPONSE	31.6	32.8	37.6
Emergency preparedness and response planning	4.2	4.2	30.4
Exercising response plans	0	25	21.1
Emergency response operation	0	33.3	27
Linking public health and security authorities	0	0	22.1
Risk communication	50	50	57.9
Access to communications infrastructure	67.1	67	65.7
Trade and travel restrictions	100	50	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	5.9	6.6	31.5
Health capacity in clinics, hospitals, and community care centers	14.5	14.5	30
Supply chain for health system and healthcare workers	0	5.6	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	26.5	26.5	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	25.5	34.4	47.8
IHR reporting compliance and disaster risk reduction	50	50	58.5
Cross-border agreements on public and health emergency response	0	0	50
International commitments	28.1	31.3	56.1
JEE and PVS	0	25	18.7
Financing	8.3	33.3	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
RISK ENVIRONMENT	54.3	57.3	55.8
Political and security risk	74.8	71.2	58.1
Socio-economic resilience	73.9	74.1	60.9
Infrastructure adequacy	33.3	41.7	50.2
Environmental risks	33.4	44	54.7
Public health vulnerabilities	55.9	55.6	55.3

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