



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	40.8	37.4	28.4
Antimicrobial resistance (AMR)	58.3	58.3	45.3
Zoonotic disease	46.7	26.2	19.8
Biosecurity	40	40	18.7
Biosafety	50	50	20.9
Dual-use research and culture of responsible science	0	0	2.6
Immunization	50	50	63.3
DETECTION AND REPORTING	21.3	21.3	32.3
Laboratory systems strength and quality	50	50	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	40	40	34.7
Case-based investigation	0	0	16.9
Epidemiology workforce	0	0	46.5
RAPID RESPONSE	31	28	37.6
Emergency preparedness and response planning	0	20.8	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	58.9	54.5	65.7
Trade and travel restrictions	100	25	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	17.2	17.2	31.5
Health capacity in clinics, hospitals, and community care centers	5.6	5.8	30
Supply chain for health system and healthcare workers	50	50	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	64.8	64.8	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	30.2	26	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	31.3	31.3	56.1
JEE and PVS	25	0	18.7
Financing	8.3	8.3	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
RISK ENVIRONMENT	51.4	49.3	55.8
Political and security risk	55.4	58.5	58.1
Socio-economic resilience	64.5	47.9	60.9
Infrastructure adequacy	41.7	41.7	50.2
Environmental risks	46.3	48.8	54.7
Public health vulnerabilities	49	49.8	55.3

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