



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	37.3	41.6	28.4
Antimicrobial resistance (AMR)	58.3	58.3	45.3
Zoonotic disease	46.4	47.5	19.8
Biosecurity	44	44	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	34.2	34.2	32.3
Laboratory systems strength and quality	87.5	87.5	44.9
Laboratory supply chains	0	0	15.9
Real-time surveillance and reporting	12.5	12.5	34.6
Surveillance data accessibility and transparency	30	30	34.7
Case-based investigation	50	50	16.9
Epidemiology workforce	25	25	46.5
RAPID RESPONSE	40	35.7	37.6
Emergency preparedness and response planning	20.8	37.5	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	50	50	57.9
Access to communications infrastructure	75.6	79.1	65.7
Trade and travel restrictions	100	25	39

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

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	46.8	48.3	31.5
Health capacity in clinics, hospitals, and community care centers	34	33.8	30
Supply chain for health system and healthcare workers	33.3	44.4	28.5
Medical countermeasures and personnel deployment	50	50	10.3
Healthcare access	60	60.1	55.2
Communications with health-care workers during a public health emergency	0	0	10.8
Infection control practices	100	100	40.5
Capacity to test and approve new medical countermeasures	50	50	45.1
COMPLIANCE WITH INTERNATIONAL NORMS	38.9	38.9	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	50	50	56.1
JEE and PVS	25	25	18.7
Financing	41.7	41.7	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
RISK ENVIRONMENT	47.5	47.5	55.8
Political and security risk	37.6	35.2	58.1
Socio-economic resilience	70.5	70.4	60.9
Infrastructure adequacy	25	25	50.2
Environmental risks	61.7	64.2	54.7
Public health vulnerabilities	42.5	42.7	55.3