



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	33.2	40	28.4
Antimicrobial resistance (AMR)	58.3	75	45.3
Zoonotic disease	40.9	41.1	19.8
Biosecurity	0	24	18.7
Biosafety	0	0	20.9
Dual-use research and culture of responsible science	0	0	2.6
Immunization	100	100	63.3
DETECTION AND REPORTING	32.2	36.4	32.3
Laboratory systems strength and quality	50	62.5	44.9
Laboratory supply chains	0	0	15.9
Real-time surveillance and reporting	0	0	34.6
Surveillance data accessibility and transparency	43.3	43.3	34.7
Case-based investigation	50	62.5	16.9
Epidemiology workforce	50	50	46.5
RAPID RESPONSE	44.8	47.9	37.6
Emergency preparedness and response planning	8.3	41.7	30.4
Exercising response plans	0	37.5	21.1
Emergency response operation	33.3	33.3	27
Linking public health and security authorities	0	0	22.1
Risk communication	83.3	83.3	57.9
Access to communications infrastructure	88.5	89.2	65.7
Trade and travel restrictions	100	50	39

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

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	47.5	52.2	31.5
Health capacity in clinics, hospitals, and community care centers	41.9	58.1	30
Supply chain for health system and healthcare workers	38.9	55.6	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	51.8	51.7	55.2
Communications with health-care workers during a public health emergency	50	50	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	46.9	34.4	47.8
IHR reporting compliance and disaster risk reduction	50	0	58.5
Cross-border agreements on public and health emergency response	50	50	50
International commitments	81.3	81.3	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	80.7	79.9	55.8
Political and security risk	92.7	92.7	58.1
Socio-economic resilience	90.7	90.8	60.9
Infrastructure adequacy	83.3	83.3	50.2
Environmental risks	57.6	52	54.7
Public health vulnerabilities	79.1	80.8	55.3