



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	34.7	27.2	28.4
Antimicrobial resistance (AMR)	33.3	33.3	45.3
Zoonotic disease	20.9	1	19.8
Biosecurity	4	4	18.7
Biosafety	50	50	20.9
Dual-use research and culture of responsible science	0	0	2.6
Immunization	100	75	63.3
DETECTION AND REPORTING	17.9	17.9	32.3
Laboratory systems strength and quality	37.5	37.5	44.9
Laboratory supply chains	50	50	15.9
Real-time surveillance and reporting	0	0	34.6
Surveillance data accessibility and transparency	20	20	34.7
Case-based investigation	0	0	16.9
Epidemiology workforce	0	0	46.5
RAPID RESPONSE	52.4	40.3	37.6
Emergency preparedness and response planning	4.2	20.8	30.4
Exercising response plans	0	0	21.1
Emergency response operation	0	0	27
Linking public health and security authorities	100	100	22.1
Risk communication	66.7	66.7	57.9
Access to communications infrastructure	95.7	94.3	65.7
Trade and travel restrictions	100	0	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	42.5	42.5	31.5
Health capacity in clinics, hospitals, and community care centers	30.3	30.3	30
Supply chain for health system and healthcare workers	55.6	55.6	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	61.7	61.6	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	30.6	29.2	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	25	25	56.1
JEE and PVS	25	25	18.7
Financing	16.7	8.3	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
RISK ENVIRONMENT	62.8	63.9	55.8
Political and security risk	62.1	62.6	58.1
Socio-economic resilience	59.1	59.6	60.9
Infrastructure adequacy	58.3	58.3	50.2
Environmental risks	55.1	57.8	54.7
Public health vulnerabilities	79.5	81.4	55.3

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