



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	17.5	24.8	28.4
Antimicrobial resistance (AMR)	33.3	33.3	45.3
Zoonotic disease	21.6	40.6	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	50	75	63.3
DETECTION AND REPORTING	32.9	37.1	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	62.5	34.6
Surveillance data accessibility and transparency	60	60	34.7
Case-based investigation	0	0	16.9
Epidemiology workforce	50	50	46.5
RAPID RESPONSE	27.5	21.3	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	37.5	29.2	57.9
Access to communications infrastructure	51.1	57.2	65.7
Trade and travel restrictions	100	0	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	12.3	12.3	31.5
Health capacity in clinics, hospitals, and community care centers	1.7	1.8	30
Supply chain for health system and healthcare workers	0	0	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	59.1	59.1	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	25	25	45.1
COMPLIANCE WITH INTERNATIONAL NORMS	57.5	52.4	47.8
IHR reporting compliance and disaster risk reduction	50	50	58.5
Cross-border agreements on public and health emergency response	50	50	50
International commitments	78.1	81.3	56.1
JEE and PVS	50	25	18.7
Financing	50	41.7	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
RISK ENVIRONMENT	38.6	38.4	55.8
Political and security risk	50.1	47.7	58.1
Socio-economic resilience	44.4	44.3	60.9
Infrastructure adequacy	25	25	50.2
Environmental risks	29.4	29.3	54.7
Public health vulnerabilities	44.3	45.8	55.3

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