



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	32.1	36.4	28.4
Antimicrobial resistance (AMR)	33.3	33.3	45.3
Zoonotic disease	31.1	31.5	19.8
Biosecurity	20	20	18.7
Biosafety	0	0	20.9
Dual-use research and culture of responsible science	33.3	33.3	2.6
Immunization	75	100	63.3
DETECTION AND REPORTING	33.5	39.7	32.3
Laboratory systems strength and quality	37.5	50	44.9
Laboratory supply chains	50	50	15.9
Real-time surveillance and reporting	75	75	34.6
Surveillance data accessibility and transparency	13.3	13.3	34.7
Case-based investigation	0	25	16.9
Epidemiology workforce	25	25	46.5
RAPID RESPONSE	54.2	55.2	37.6
Emergency preparedness and response planning	12.5	29.2	30.4
Exercising response plans	0	25	21.1
Emergency response operation	33.3	33.3	27
Linking public health and security authorities	100	100	22.1
Risk communication	50	66.7	57.9
Access to communications infrastructure	83.6	81.9	65.7
Trade and travel restrictions	100	50	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	40	42.4	31.5
Health capacity in clinics, hospitals, and community care centers	45.5	62.3	30
Supply chain for health system and healthcare workers	22.2	22.2	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	62.4	62.5	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	43.8	46.7	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	37.5	46.9	56.1
JEE and PVS	25	25	18.7
Financing	33.3	41.7	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
RISK ENVIRONMENT	67	71.7	55.8
Political and security risk	65.2	73.6	58.1
Socio-economic resilience	69.6	69.6	60.9
Infrastructure adequacy	75	91.7	50.2
Environmental risks	55.4	58.1	54.7
Public health vulnerabilities	69.9	65.5	55.3

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