



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	17.8	13.7	28.4
Antimicrobial resistance (AMR)	0	0	45.3
Zoonotic disease	7	7.1	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	100	75	63.3
DETECTION AND REPORTING	18.8	19.3	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	37.5	34.6
Surveillance data accessibility and transparency	0	3.3	34.7
Case-based investigation	0	0	16.9
Epidemiology workforce	25	25	46.5
RAPID RESPONSE	31.2	35.5	37.6
Emergency preparedness and response planning	0	16.7	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	50	50	57.9
Access to communications infrastructure	68.6	73.3	65.7
Trade and travel restrictions	100	50	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	14.5	19.3	31.5
Health capacity in clinics, hospitals, and community care centers	5.1	38.5	30
Supply chain for health system and healthcare workers	16.7	16.7	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	55	55	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	43.6	43.6	47.8
IHR reporting compliance and disaster risk reduction	50	50	58.5
Cross-border agreements on public and health emergency response	100	100	50
International commitments	28.1	28.1	56.1
JEE and PVS	0	0	18.7
Financing	16.7	16.7	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
RISK ENVIRONMENT	59.6	59.4	55.8
Political and security risk	74.9	71.3	58.1
Socio-economic resilience	65.6	65.7	60.9
Infrastructure adequacy	50	50	50.2
Environmental risks	53.9	56.5	54.7
Public health vulnerabilities	53.7	53.8	55.3

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