



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	17	17.1	28.4
Antimicrobial resistance (AMR)	25	25	45.3
Zoonotic disease	7.2	7.7	19.8
Biosecurity	20	20	18.7
Biosafety	0	0	20.9
Dual-use research and culture of responsible science	0	0	2.6
Immunization	50	50	63.3
DETECTION AND REPORTING	25	29.2	32.3
Laboratory systems strength and quality	62.5	75	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	0	34.7
Case-based investigation	0	12.5	16.9
Epidemiology workforce	50	50	46.5
RAPID RESPONSE	28.7	18.8	37.6
Emergency preparedness and response planning	4.2	20.8	30.4
Exercising response plans	12.5	25	21.1
Emergency response operation	33.3	33.3	27
Linking public health and security authorities	0	0	22.1
Risk communication	37.5	12.5	57.9
Access to communications infrastructure	13.7	14.6	65.7
Trade and travel restrictions	100	25	39

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

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	24.1	26.8	31.5
Health capacity in clinics, hospitals, and community care centers	3	19.7	30
Supply chain for health system and healthcare workers	38.9	38.9	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	52	54.1	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	75	75	45.1
COMPLIANCE WITH INTERNATIONAL NORMS	47.4	45.8	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	84.4	100	56.1
JEE and PVS	50	25	18.7
Financing	33.3	33.3	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
RISK ENVIRONMENT	45.7	44.8	55.8
Political and security risk	28.9	37.7	58.1
Socio-economic resilience	51.6	51.5	60.9
Infrastructure adequacy	33.3	33.3	50.2
Environmental risks	61.7	47.8	54.7
Public health vulnerabilities	53.1	53.9	55.3