



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	51.1	55.2	28.4
Antimicrobial resistance (AMR)	50	50	45.3
Zoonotic disease	37.8	37.1	19.8
Biosecurity	44	44	18.7
Biosafety	100	100	20.9
Dual-use research and culture of responsible science	0	0	2.6
Immunization	75	100	63.3
DETECTION AND REPORTING	51.5	65.1	32.3
Laboratory systems strength and quality	87.5	87.5	44.9
Laboratory supply chains	0	50	15.9
Real-time surveillance and reporting	37.5	37.5	34.6
Surveillance data accessibility and transparency	46.7	53.3	34.7
Case-based investigation	37.5	62.5	16.9
Epidemiology workforce	100	100	46.5
RAPID RESPONSE	43.8	46.1	37.6
Emergency preparedness and response planning	50	50	30.4
Exercising response plans	0	37.5	21.1
Emergency response operation	33.3	66.7	27
Linking public health and security authorities	0	0	22.1
Risk communication	54.2	66.7	57.9
Access to communications infrastructure	69.3	77.1	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	23.3	33.7	31.5
Health capacity in clinics, hospitals, and community care centers	37.7	38	30
Supply chain for health system and healthcare workers	11.1	33.3	28.5
Medical countermeasures and personnel deployment	0	50	10.3
Healthcare access	64.5	64.7	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	50	50	45.1
COMPLIANCE WITH INTERNATIONAL NORMS	67.5	63.9	47.8
IHR reporting compliance and disaster risk reduction	100	100	58.5
Cross-border agreements on public and health emergency response	50	50	50
International commitments	96.9	100	56.1
JEE and PVS	25	25	18.7
Financing	66.7	41.7	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
RISK ENVIRONMENT	52	51.6	55.8
Political and security risk	41	36.9	58.1
Socio-economic resilience	64.3	64.3	60.9
Infrastructure adequacy	50	50	50.2
Environmental risks	46.7	48.9	54.7
Public health vulnerabilities	58.1	58	55.3