



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	10.8	10.8	28.4
Antimicrobial resistance (AMR)	8.3	8.3	45.3
Zoonotic disease	6.6	6.3	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	50	63.3
DETECTION AND REPORTING	20.8	22.9	32.3
Laboratory systems strength and quality	0	0	44.9
Laboratory supply chains	0	0	15.9
Real-time surveillance and reporting	25	25	34.6
Surveillance data accessibility and transparency	0	0	34.7
Case-based investigation	0	12.5	16.9
Epidemiology workforce	100	100	46.5
RAPID RESPONSE	37.3	30.9	37.6
Emergency preparedness and response planning	12.5	4.2	30.4
Exercising response plans	0	25	21.1
Emergency response operation	33.3	33.3	27
Linking public health and security authorities	0	0	22.1
Risk communication	50	50	57.9
Access to communications infrastructure	64.9	53.5	65.7
Trade and travel restrictions	100	50	39

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

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	17.9	15.5	31.5
Health capacity in clinics, hospitals, and community care centers	19.3	2.6	30
Supply chain for health system and healthcare workers	0	0	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	55.8	55.8	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	40.1	40.6	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	15.6	18.8	56.1
JEE and PVS	25	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	50.2	51.4	55.8
Political and security risk	59.1	62.7	58.1
Socio-economic resilience	44.3	44.3	60.9
Infrastructure adequacy	33.3	33.3	50.2
Environmental risks	59.1	61.6	54.7
Public health vulnerabilities	55	55.1	55.3