



■ Global average of all 195 countries

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	31.2	34	28.4
Antimicrobial resistance (AMR)	8.3	25	45.3
Zoonotic disease	35	35	19.8
Biosecurity	44	44	18.7
Biosafety	50	50	20.9
Dual-use research and culture of responsible science	0	0	2.6
Immunization	50	50	63.3
DETECTION AND REPORTING	26.1	34.4	32.3
Laboratory systems strength and quality	50	62.5	44.9
Laboratory supply chains	50	50	15.9
Real-time surveillance and reporting	0	0	34.6
Surveillance data accessibility and transparency	56.7	56.7	34.7
Case-based investigation	0	37.5	16.9
Epidemiology workforce	0	0	46.5
RAPID RESPONSE	49.4	42.2	37.6
Emergency preparedness and response planning	50	50	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	83.3	58.3	57.9
Access to communications infrastructure	79.1	79	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	43.3	45.7	31.5
Health capacity in clinics, hospitals, and community care centers	49.3	65.7	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	65.3	65.2	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	46.7	55.6	47.8
IHR reporting compliance and disaster risk reduction	50	100	58.5
Cross-border agreements on public and health emergency response	100	100	50
International commitments	46.9	50	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	53.8	51.6	55.8
Political and security risk	50.2	28.9	58.1
Socio-economic resilience	73	73.2	60.9
Infrastructure adequacy	33.3	41.7	50.2
Environmental risks	57.2	59.2	54.7
Public health vulnerabilities	55.2	55	55.3