



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	10.6	10.6	28.4
Antimicrobial resistance (AMR)	8.3	8.3	45.3
Zoonotic disease	5.5	5.4	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	0	4.2	32.3
Laboratory systems strength and quality	0	0	44.9
Laboratory supply chains	0	0	15.9
Real-time surveillance and reporting	0	25	34.6
Surveillance data accessibility and transparency	0	0	34.7
Case-based investigation	0	0	16.9
Epidemiology workforce	0	0	46.5
RAPID RESPONSE	40.1	38.2	37.6
Emergency preparedness and response planning	37.5	37.5	30.4
Exercising response plans	0	37.5	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	59.7	59.1	65.7
Trade and travel restrictions	100	50	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	11.7	11.7	31.5
Health capacity in clinics, hospitals, and community care centers	3.8	3.8	30
Supply chain for health system and healthcare workers	0	0	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	53.2	53.2	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	51.9	43.6	47.8
IHR reporting compliance and disaster risk reduction	100	50	58.5
Cross-border agreements on public and health emergency response	50	50	50
International commitments	28.1	28.1	56.1
JEE and PVS	0	0	18.7
Financing	66.7	66.7	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
RISK ENVIRONMENT	64.1	64.3	55.8
Political and security risk	79	76.7	58.1
Socio-economic resilience	73.9	73.9	60.9
Infrastructure adequacy	58.3	58.3	50.2
Environmental risks	57.9	61	54.7
Public health vulnerabilities	51.5	51.4	55.3

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