



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	41.1	45.3	28.4
Antimicrobial resistance (AMR)	75	75	45.3
Zoonotic disease	76.5	76.9	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	75	100	63.3
DETECTION AND REPORTING	15	15	32.3
Laboratory systems strength and quality	0	0	44.9
Laboratory supply chains	0	0	15.9
Real-time surveillance and reporting	0	0	34.6
Surveillance data accessibility and transparency	40	40	34.7
Case-based investigation	0	0	16.9
Epidemiology workforce	50	50	46.5
RAPID RESPONSE	29	37.7	37.6
Emergency preparedness and response planning	4.2	20.8	30.4
Exercising response plans	0	25	21.1
Emergency response operation	0	0	27
Linking public health and security authorities	0	0	22.1
Risk communication	66.7	83.3	57.9
Access to communications infrastructure	82	84.8	65.7
Trade and travel restrictions	50	50	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	36.4	36.3	31.5
Health capacity in clinics, hospitals, and community care centers	14.9	14.4	30
Supply chain for health system and healthcare workers	33.3	33.3	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	56.7	56.6	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	39.4	33.9	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	28.1	28.1	56.1
JEE and PVS	25	0	18.7
Financing	16.7	8.3	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
RISK ENVIRONMENT	73.8	73.6	55.8
Political and security risk	80.3	76.8	58.1
Socio-economic resilience	86.5	86.3	60.9
Infrastructure adequacy	75	75	50.2
Environmental risks	60.9	63.2	54.7
Public health vulnerabilities	66.4	66.5	55.3

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