



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	13.6	10.2	28.4
Antimicrobial resistance (AMR)	8.3	8.3	45.3
Zoonotic disease	23.3	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	27.1	34.6	32.3
Laboratory systems strength and quality	62.5	62.5	44.9
Laboratory supply chains	0	0	15.9
Real-time surveillance and reporting	0	25	34.6
Surveillance data accessibility and transparency	0	20	34.7
Case-based investigation	0	0	16.9
Epidemiology workforce	100	100	46.5
RAPID RESPONSE	30.3	27	37.6
Emergency preparedness and response planning	4.2	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	25	37.5	57.9
Access to communications infrastructure	49.8	38.9	65.7
Trade and travel restrictions	100	50	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	11.5	13.8	31.5
Health capacity in clinics, hospitals, and community care centers	1.1	17.8	30
Supply chain for health system and healthcare workers	5.6	5.6	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	48.5	48.5	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	33.3	38.5	47.8
IHR reporting compliance and disaster risk reduction	50	50	58.5
Cross-border agreements on public and health emergency response	0	0	50
International commitments	25	31.3	56.1
JEE and PVS	25	50	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	40.9	42.6	55.8
Political and security risk	44.8	49.9	58.1
Socio-economic resilience	34.2	34.2	60.9
Infrastructure adequacy	25	25	50.2
Environmental risks	76.5	79	54.7
Public health vulnerabilities	24.1	24.6	55.3

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