



PREVENT



DETECT



RESPOND



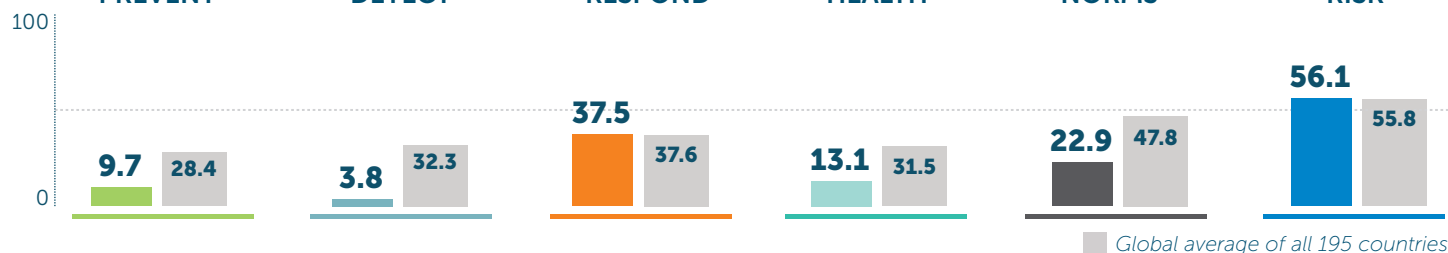
HEALTH



NORMS



RISK



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	9.7	9.7	28.4
Antimicrobial resistance (AMR)	8.3	8.3	45.3
Zoonotic disease	0	0	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	1.7	3.8	32.3
Laboratory systems strength and quality	0	12.5	44.9
Laboratory supply chains	0	0	15.9
Real-time surveillance and reporting	0	0	34.6
Surveillance data accessibility and transparency	10	10	34.7
Case-based investigation	0	0	16.9
Epidemiology workforce	0	0	46.5
RAPID RESPONSE	31.6	37.5	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	50	50	57.9
Access to communications infrastructure	67.3	66.8	65.7
Trade and travel restrictions	100	100	39

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

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	13.1	13.1	31.5
Health capacity in clinics, hospitals, and community care centers	27.9	27.9	30
Supply chain for health system and healthcare workers	0	0	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	38.7	38.7	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	22.9	22.9	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	12.5	12.5	56.1
JEE and PVS	0	0	18.7
Financing	8.3	8.3	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
RISK ENVIRONMENT	47.9	56.1	55.8
Political and security risk	65.3	62.9	58.1
Socio-economic resilience	63.5	62.3	60.9
Infrastructure adequacy	16.7	58.3	50.2
Environmental risks	39.6	42.2	54.7
Public health vulnerabilities	54.3	55	55.3