



PREVENT



DETECT



RESPOND



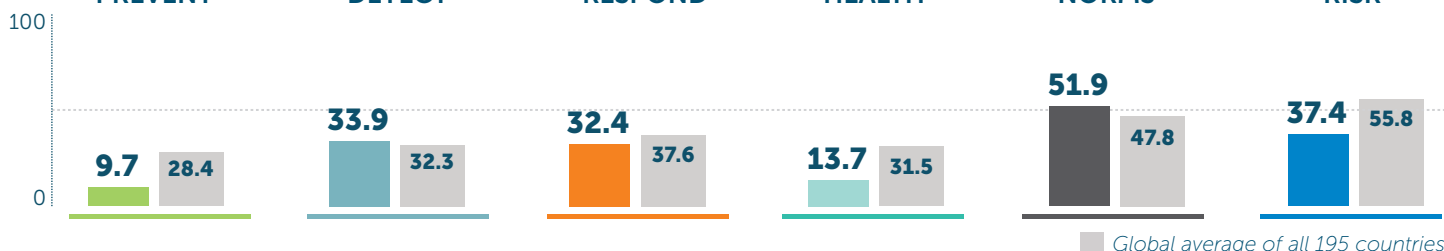
HEALTH



NORMS



RISK



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	9.7	9.7	28.4
Antimicrobial resistance (AMR)	0	0	45.3
Zoonotic disease	8.4	8.3	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	37.6	33.9	32.3
Laboratory systems strength and quality	37.5	37.5	44.9
Laboratory supply chains	0	0	15.9
Real-time surveillance and reporting	75	50	34.6
Surveillance data accessibility and transparency	63.3	53.3	34.7
Case-based investigation	0	12.5	16.9
Epidemiology workforce	50	50	46.5
RAPID RESPONSE	47.7	32.4	37.6
Emergency preparedness and response planning	4.2	20.8	30.4
Exercising response plans	87.5	25	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	58.8	47.6	65.7
Trade and travel restrictions	100	50	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	11.3	13.7	31.5
Health capacity in clinics, hospitals, and community care centers	1.2	17.8	30
Supply chain for health system and healthcare workers	0	0	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	52.9	52.9	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	51.9	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	78.1	78.1	56.1
JEE and PVS	25	25	18.7
Financing	41.7	41.7	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
RISK ENVIRONMENT	48.4	37.4	55.8
Political and security risk	46.1	22.4	58.1
Socio-economic resilience	50	41.6	60.9
Infrastructure adequacy	33.3	16.7	50.2
Environmental risks	78.7	72.9	54.7
Public health vulnerabilities	33.7	33.7	55.3

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