



PREVENT



DETECT



RESPOND



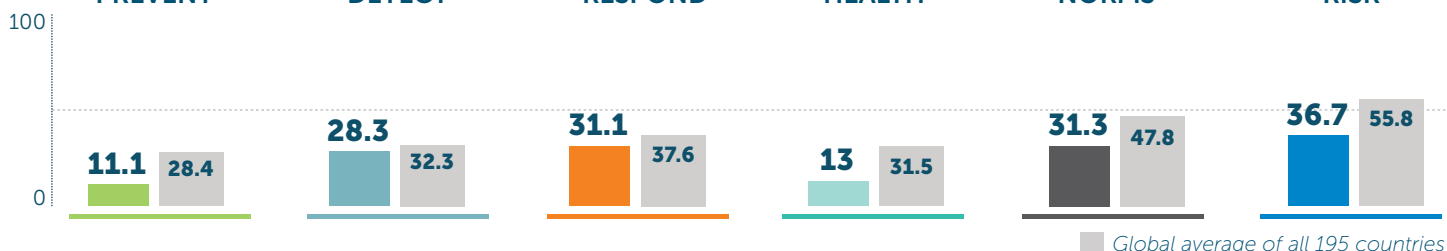
HEALTH



NORMS



RISK



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	15.5	11.1	28.4
Antimicrobial resistance (AMR)	16.7	16.7	45.3
Zoonotic disease	1.6	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	75	50	63.3
DETECTION AND REPORTING	22.1	28.3	32.3
Laboratory systems strength and quality	50	50	44.9
Laboratory supply chains	50	50	15.9
Real-time surveillance and reporting	12.5	12.5	34.6
Surveillance data accessibility and transparency	20	20	34.7
Case-based investigation	0	37.5	16.9
Epidemiology workforce	0	0	46.5
RAPID RESPONSE	21.5	31.1	37.6
Emergency preparedness and response planning	0	4.2	30.4
Exercising response plans	0	25	21.1
Emergency response operation	0	33.3	27
Linking public health and security authorities	0	0	22.1
Risk communication	0	50	57.9
Access to communications infrastructure	50.5	55.4	65.7
Trade and travel restrictions	100	50	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	13.1	13	31.5
Health capacity in clinics, hospitals, and community care centers	13.9	13.2	30
Supply chain for health system and healthcare workers	0	0	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	52.8	52.8	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	29.2	31.3	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	37.5	56.1
JEE and PVS	25	25	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	38.5	36.7	55.8
Political and security risk	3.7	9	58.1
Socio-economic resilience	46.8	46.7	60.9
Infrastructure adequacy	25	8.3	50.2
Environmental risks	62.8	65.3	54.7
Public health vulnerabilities	54	54.1	55.3

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