



PREVENT



DETECT



RESPOND



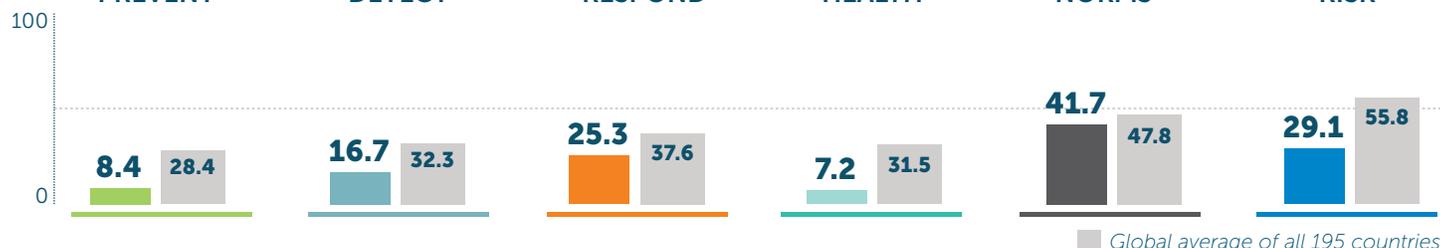
HEALTH



NORMS



RISK



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	8.4	8.4	28.4
Antimicrobial resistance (AMR)	0	0	45.3
Zoonotic disease	0.5	0.5	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	12.5	16.7	32.3
Laboratory systems strength and quality	0	25	44.9
Laboratory supply chains	0	0	15.9
Real-time surveillance and reporting	0	0	34.6
Surveillance data accessibility and transparency	0	0	34.7
Case-based investigation	0	0	16.9
Epidemiology workforce	75	75	46.5
RAPID RESPONSE	24.8	25.3	37.6
Emergency preparedness and response planning	0	0	30.4
Exercising response plans	0	0	21.1
Emergency response operation	0	33.3	27
Linking public health and security authorities	0	0	22.1
Risk communication	25	50	57.9
Access to communications infrastructure	48.3	44	65.7
Trade and travel restrictions	100	50	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	7.2	7.2	31.5
Health capacity in clinics, hospitals, and community care centers	1.8	1.8	30
Supply chain for health system and healthcare workers	0	0	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	48.4	48.4	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	0	0	45.1
COMPLIANCE WITH INTERNATIONAL NORMS	34.7	41.7	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	25	56.1
JEE and PVS	25	50	18.7
Financing	41.7	58.3	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
RISK ENVIRONMENT	28.3	29.1	55.8
Political and security risk	24.1	25.4	58.1
Socio-economic resilience	34.7	34.9	60.9
Infrastructure adequacy	8.3	8.3	50.2
Environmental risks	37.7	40.3	54.7
Public health vulnerabilities	36.5	36.8	55.3

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