



PREVENT



DETECT



RESPOND



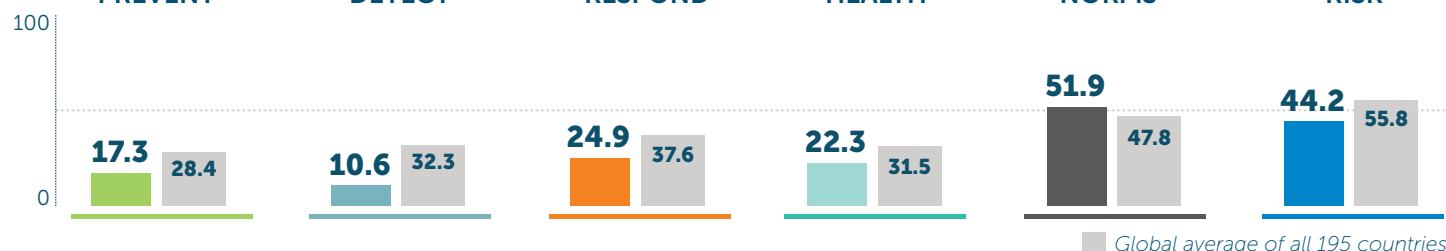
HEALTH



NORMS



RISK



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
PREVENTION	17.3	17.3	28.4
Antimicrobial resistance (AMR)	33.3	33.3	45.3
Zoonotic disease	0.8	0.6	19.8
Biosecurity	20	20	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	14.7	10.6	32.3
Laboratory systems strength and quality	0	0	44.9
Laboratory supply chains	0	0	15.9
Real-time surveillance and reporting	25	0	34.6
Surveillance data accessibility and transparency	13.3	13.3	34.7
Case-based investigation	0	0	16.9
Epidemiology workforce	50	50	46.5
RAPID RESPONSE	23.5	24.9	37.6
Emergency preparedness and response planning	0	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	25	37.5	57.9
Access to communications infrastructure	39.4	40.8	65.7
Trade and travel restrictions	100	50	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	19.9	22.3	31.5
Health capacity in clinics, hospitals, and community care centers	18.5	35.1	30
Supply chain for health system and healthcare workers	11.1	11.1	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	59.8	59.8	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	50	50	45.1
COMPLIANCE WITH INTERNATIONAL NORMS	47.9	51.9	47.8
IHR reporting compliance and disaster risk reduction	100	100	58.5
Cross-border agreements on public and health emergency response	0	0	50
International commitments	87.5	78.1	56.1
JEE and PVS	0	25	18.7
Financing	33.3	41.7	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
RISK ENVIRONMENT	43.2	44.2	55.8
Political and security risk	63.9	65.1	58.1
Socio-economic resilience	30.6	30.7	60.9
Infrastructure adequacy	25	25	50.2
Environmental risks	44.9	47.7	54.7
Public health vulnerabilities	51.7	52.3	55.3

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