



PREVENT



DETECT



RESPOND



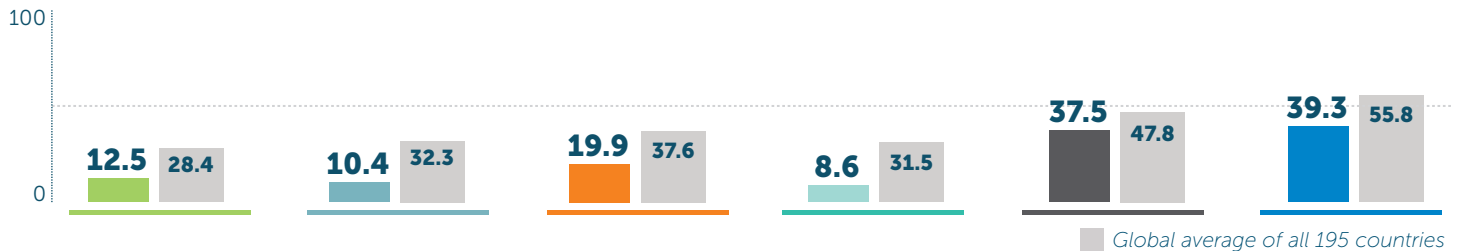
HEALTH



NORMS



RISK



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>PREVENTION</b>	<b>16</b>	<b>12.5</b>	<b>28.4</b>
Antimicrobial resistance (AMR)	0	0	45.3
Zoonotic disease	20.9	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	75	63.3
<b>DETECTION AND REPORTING</b>	<b>10.4</b>	<b>10.4</b>	<b>32.3</b>
Laboratory systems strength and quality	37.5	37.5	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	25	25	46.5
<b>RAPID RESPONSE</b>	<b>23.6</b>	<b>19.9</b>	<b>37.6</b>
Emergency preparedness and response planning	0	16.7	30.4
Exercising response plans	0	0	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	40.2	35	65.7
Trade and travel restrictions	100	50	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>HEALTH SYSTEM</b>	<b>8.6</b>	<b>8.6</b>	<b>31.5</b>
Health capacity in clinics, hospitals, and community care centers	2	2	30
Supply chain for health system and healthcare workers	5.6	5.6	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	0	0	45.1
<b>COMPLIANCE WITH INTERNATIONAL NORMS</b>	<b>37.5</b>	<b>37.5</b>	<b>47.8</b>
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	50	50	18.7
Financing	45.8	45.8	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
<b>RISK ENVIRONMENT</b>	<b>38.8</b>	<b>39.3</b>	<b>55.8</b>
Political and security risk	42	39.5	58.1
Socio-economic resilience	22.1	22.4	60.9
Infrastructure adequacy	25	25	50.2
Environmental risks	70.6	71.4	54.7
Public health vulnerabilities	34.2	37.9	55.3

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