



PREVENT



DETECT



RESPOND



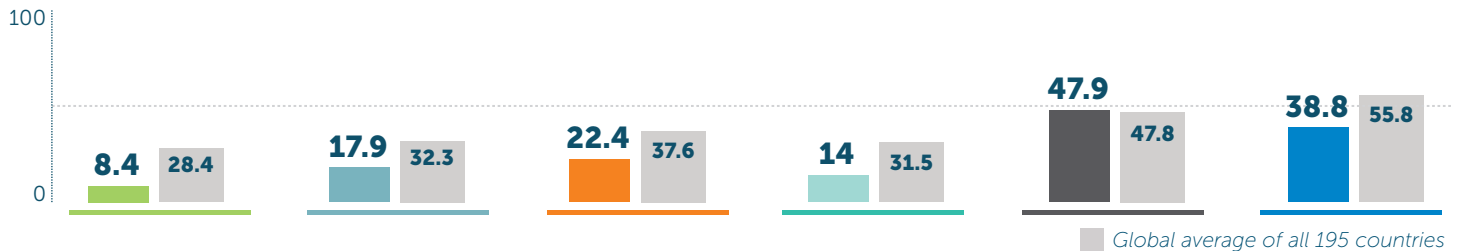
HEALTH



NORMS



RISK



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>PREVENTION</b>	<b>8.4</b>	<b>8.4</b>	<b>28.4</b>
Antimicrobial resistance (AMR)	0	0	45.3
Zoonotic disease	0.3	0.3	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
<b>DETECTION AND REPORTING</b>	<b>15.8</b>	<b>17.9</b>	<b>32.3</b>
Laboratory systems strength and quality	25	25	44.9
Laboratory supply chains	0	0	15.9
Real-time surveillance and reporting	0	0	34.6
Surveillance data accessibility and transparency	20	20	34.7
Case-based investigation	0	12.5	16.9
Epidemiology workforce	50	50	46.5
<b>RAPID RESPONSE</b>	<b>31.4</b>	<b>22.4</b>	<b>37.6</b>
Emergency preparedness and response planning	0	29.2	30.4
Exercising response plans	0	25	21.1
Emergency response operation	33.3	0	27
Linking public health and security authorities	0	0	22.1
Risk communication	50	25	57.9
Access to communications infrastructure	36.3	28	65.7
Trade and travel restrictions	100	50	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>HEALTH SYSTEM</b>	<b>11.6</b>	<b>14</b>	<b>31.5</b>
Health capacity in clinics, hospitals, and community care centers	3.5	20.1	30
Supply chain for health system and healthcare workers	0	0	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	53	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
<b>COMPLIANCE WITH INTERNATIONAL NORMS</b>	<b>47.9</b>	<b>47.9</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	100	100	50
International commitments	12.5	12.5	56.1
JEE and PVS	25	25	18.7
Financing	33.3	33.3	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
<b>RISK ENVIRONMENT</b>	<b>36.3</b>	<b>38.8</b>	<b>55.8</b>
Political and security risk	50.6	51.6	58.1
Socio-economic resilience	41.8	42.1	60.9
Infrastructure adequacy	8.3	8.3	50.2
Environmental risks	44.3	55.5	54.7
Public health vulnerabilities	36.3	36.3	55.3

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