



PREVENT



DETECT



RESPOND



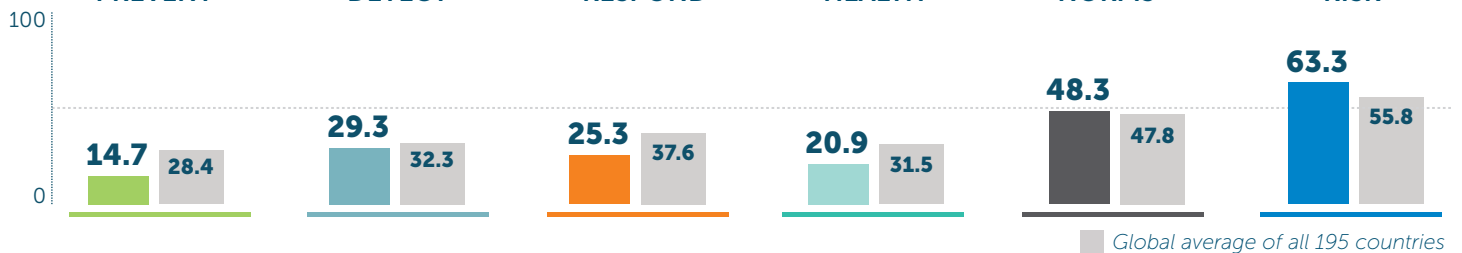
HEALTH



NORMS



RISK



Global average of all 195 countries

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>PREVENTION</b>	<b>14.7</b>	<b>14.7</b>	<b>28.4</b>
Antimicrobial resistance (AMR)	25	25	45.3
Zoonotic disease	13	13	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>18.9</b>	<b>29.3</b>	<b>32.3</b>
Laboratory systems strength and quality	25	62.5	44.9
Laboratory supply chains	50	50	15.9
Real-time surveillance and reporting	25	50	34.6
Surveillance data accessibility and transparency	13.3	13.3	34.7
Case-based investigation	0	0	16.9
Epidemiology workforce	0	0	46.5
<b>RAPID RESPONSE</b>	<b>30.3</b>	<b>25.3</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	50	50	57.9
Access to communications infrastructure	62.1	60.3	65.7
Trade and travel restrictions	100	50	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>HEALTH SYSTEM</b>	<b>18.5</b>	<b>20.9</b>	<b>31.5</b>
Health capacity in clinics, hospitals, and community care centers	7.5	24.2	30
Supply chain for health system and healthcare workers	16.7	16.7	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	55.4	55.4	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	50	50	45.1
<b>COMPLIANCE WITH INTERNATIONAL NORMS</b>	<b>41.7</b>	<b>48.3</b>	<b>47.8</b>
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	25	31.3	56.1
JEE and PVS	25	50	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
<b>RISK ENVIRONMENT</b>	<b>62.4</b>	<b>63.3</b>	<b>55.8</b>
Political and security risk	80.5	81.7	58.1
Socio-economic resilience	59.6	58.9	60.9
Infrastructure adequacy	58.3	58.3	50.2
Environmental risks	63	65.2	54.7
Public health vulnerabilities	50.8	52.3	55.3

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