



PREVENT



DETECT



RESPOND



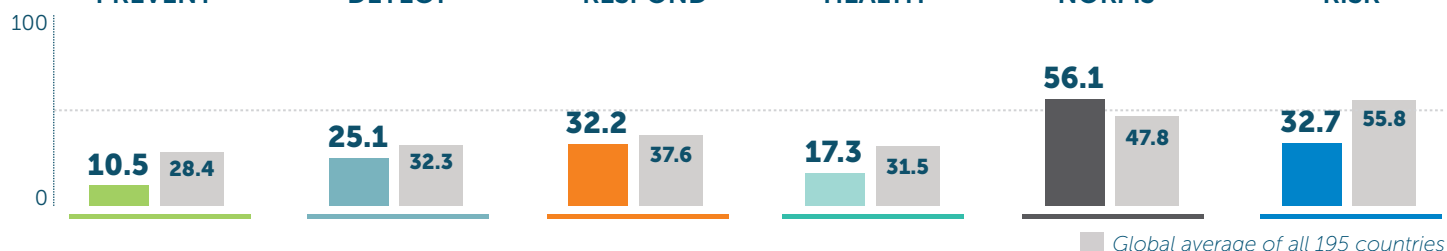
HEALTH



NORMS



RISK



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>PREVENTION</b>	<b>13.9</b>	<b>10.5</b>	<b>28.4</b>
Antimicrobial resistance (AMR)	8.3	8.3	45.3
Zoonotic disease	21.1	0.8	19.8
Biosecurity	4	4	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>24.6</b>	<b>25.1</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	50	50	34.6
Surveillance data accessibility and transparency	10	13.3	34.7
Case-based investigation	0	0	16.9
Epidemiology workforce	50	50	46.5
<b>RAPID RESPONSE</b>	<b>33.1</b>	<b>32.2</b>	<b>37.6</b>
Emergency preparedness and response planning	4.2	20.8	30.4
Exercising response plans	0	25	21.1
Emergency response operation	33.3	33.3	27
Linking public health and security authorities	0	0	22.1
Risk communication	50	50	57.9
Access to communications infrastructure	44.2	46.6	65.7
Trade and travel restrictions	100	50	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>HEALTH SYSTEM</b>	<b>14.5</b>	<b>17.3</b>	<b>31.5</b>
Health capacity in clinics, hospitals, and community care centers	0.5	17.1	30
Supply chain for health system and healthcare workers	27.8	27.8	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	48.5	51.4	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	25	25	45.1
<b>COMPLIANCE WITH INTERNATIONAL NORMS</b>	<b>58.2</b>	<b>56.1</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	50	50	50
International commitments	15.6	28.1	56.1
JEE and PVS	75	50	18.7
Financing	41.7	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>39.1</b>	<b>32.7</b>	<b>55.8</b>
Political and security risk	29.2	26.8	58.1
Socio-economic resilience	39.3	30.9	60.9
Infrastructure adequacy	16.7	16.7	50.2
Environmental risks	69	46.3	54.7
Public health vulnerabilities	41.5	42.6	55.3

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