



PREVENT



DETECT



RESPOND



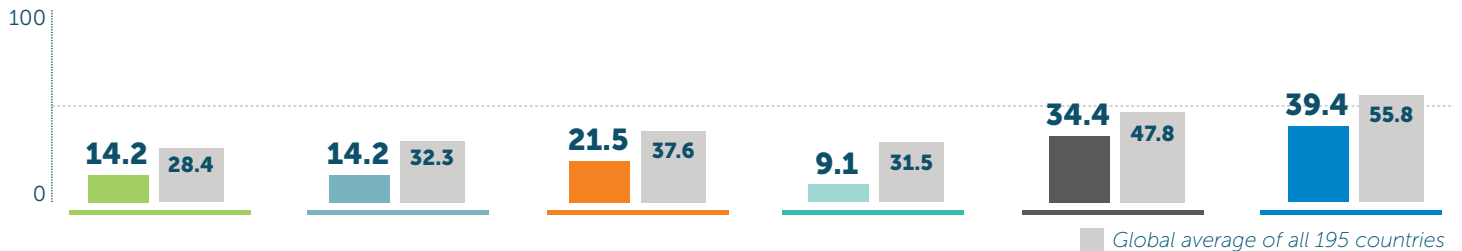
HEALTH



NORMS



RISK



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>PREVENTION</b>	<b>10.3</b>	<b>14.2</b>	<b>28.4</b>
Antimicrobial resistance (AMR)	8.3	8.3	45.3
Zoonotic disease	3.2	1.8	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	75	63.3
<b>DETECTION AND REPORTING</b>	<b>14.2</b>	<b>14.2</b>	<b>32.3</b>
Laboratory systems strength and quality	0	0	44.9
Laboratory supply chains	50	50	15.9
Real-time surveillance and reporting	25	25	34.6
Surveillance data accessibility and transparency	10	10	34.7
Case-based investigation	0	0	16.9
Epidemiology workforce	0	0	46.5
<b>RAPID RESPONSE</b>	<b>30</b>	<b>21.5</b>	<b>37.6</b>
Emergency preparedness and response planning	0	4.2	30.4
Exercising response plans	12.5	25	21.1
Emergency response operation	0	0	27
Linking public health and security authorities	0	0	22.1
Risk communication	54.2	29.2	57.9
Access to communications infrastructure	43.6	41.8	65.7
Trade and travel restrictions	100	50	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>HEALTH SYSTEM</b>	<b>9.1</b>	<b>9.1</b>	<b>31.5</b>
Health capacity in clinics, hospitals, and community care centers	1.7	1.7	30
Supply chain for health system and healthcare workers	0	0	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	62	62	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>33.3</b>	<b>34.4</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	25	31.3	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>39</b>	<b>39.4</b>	<b>55.8</b>
Political and security risk	18.5	26.9	58.1
Socio-economic resilience	37.5	28.1	60.9
Infrastructure adequacy	16.7	16.7	50.2
Environmental risks	69.9	72.5	54.7
Public health vulnerabilities	52.4	52.7	55.3

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