



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>PREVENTION</b>	<b>14</b>	<b>5.6</b>	<b>28.4</b>
Antimicrobial resistance (AMR)	33.3	33.3	45.3
Zoonotic disease	0.9	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	50	0	63.3
<b>DETECTION AND REPORTING</b>	<b>18.8</b>	<b>19.3</b>	<b>32.3</b>
Laboratory systems strength and quality	12.5	12.5	44.9
Laboratory supply chains	0	0	15.9
Real-time surveillance and reporting	50	50	34.6
Surveillance data accessibility and transparency	0	3.3	34.7
Case-based investigation	0	0	16.9
Epidemiology workforce	50	50	46.5
<b>RAPID RESPONSE</b>	<b>33</b>	<b>34.9</b>	<b>37.6</b>
Emergency preparedness and response planning	4.2	20.8	30.4
Exercising response plans	0	37.5	21.1
Emergency response operation	33.3	33.3	27
Linking public health and security authorities	0	0	22.1
Risk communication	37.5	54.2	57.9
Access to communications infrastructure	55.7	48.5	65.7
Trade and travel restrictions	100	50	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>HEALTH SYSTEM</b>	<b>20.8</b>	<b>21.1</b>	<b>31.5</b>
Health capacity in clinics, hospitals, and community care centers	22.4	22.4	30
Supply chain for health system and healthcare workers	22.2	22.2	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	51	53.1	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>35.2</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	28.1	31.3	56.1
JEE and PVS	25	25	18.7
Financing	41.7	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>46.4</b>	<b>43.5</b>	<b>55.8</b>
Political and security risk	63.8	64.4	58.1
Socio-economic resilience	41	32.1	60.9
Infrastructure adequacy	33.3	33.3	50.2
Environmental risks	56.8	50.2	54.7
Public health vulnerabilities	36.9	37.4	55.3

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