



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>PREVENTION</b>	<b>17.4</b>	<b>17.4</b>	<b>28.4</b>
Antimicrobial resistance (AMR)	25	25	45.3
Zoonotic disease	9.5	9.6	19.8
Biosecurity	20	20	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>17.2</b>	<b>21.4</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	0	0	34.6
Surveillance data accessibility and transparency	53.3	53.3	34.7
Case-based investigation	0	25	16.9
Epidemiology workforce	0	0	46.5
<b>RAPID RESPONSE</b>	<b>28.8</b>	<b>36.6</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	0	0	27
Linking public health and security authorities	0	0	22.1
Risk communication	25	37.5	57.9
Access to communications infrastructure	72.7	73.2	65.7
Trade and travel restrictions	100	100	39

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

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>HEALTH SYSTEM</b>	<b>28.6</b>	<b>28.6</b>	<b>31.5</b>
Health capacity in clinics, hospitals, and community care centers	23.3	23.3	30
Supply chain for health system and healthcare workers	0	0	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	51.9	51.9	55.2
Communications with health-care workers during a public health emergency	0	0	10.8
Infection control practices	100	100	40.5
Capacity to test and approve new medical countermeasures	25	25	45.1
<b>COMPLIANCE WITH INTERNATIONAL NORMS</b>	<b>26.6</b>	<b>18.8</b>	<b>47.8</b>
IHR reporting compliance and disaster risk reduction	50	0	58.5
Cross-border agreements on public and health emergency response	0	0	50
International commitments	34.4	37.5	56.1
JEE and PVS	0	0	18.7
Financing	8.3	8.3	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
<b>RISK ENVIRONMENT</b>	<b>74.5</b>	<b>74.7</b>	<b>55.8</b>
Political and security risk	95.8	95.8	58.1
Socio-economic resilience	64.1	61.6	60.9
Infrastructure adequacy	91.7	91.7	50.2
Environmental risks	56.2	58.8	54.7
Public health vulnerabilities	64.9	65.9	55.3