



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>PREVENTION</b>	<b>27.3</b>	<b>27.3</b>	<b>28.4</b>
Antimicrobial resistance (AMR)	50	50	45.3
Zoonotic disease	13.9	14	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	100	100	63.3
<b>DETECTION AND REPORTING</b>	<b>35.8</b>	<b>32.2</b>	<b>32.3</b>
Laboratory systems strength and quality	37.5	37.5	44.9
Laboratory supply chains	50	50	15.9
Real-time surveillance and reporting	37.5	12.5	34.6
Surveillance data accessibility and transparency	40	43.3	34.7
Case-based investigation	0	0	16.9
Epidemiology workforce	50	50	46.5
<b>RAPID RESPONSE</b>	<b>29.9</b>	<b>35</b>	<b>37.6</b>
Emergency preparedness and response planning	4.2	4.2	30.4
Exercising response plans	0	0	21.1
Emergency response operation	0	33.3	27
Linking public health and security authorities	0	0	22.1
Risk communication	66.7	83.3	57.9
Access to communications infrastructure	63.5	73.9	65.7
Trade and travel restrictions	75	50	39

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

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>HEALTH SYSTEM</b>	<b>20.7</b>	<b>23.1</b>	<b>31.5</b>
Health capacity in clinics, hospitals, and community care centers	28.5	45.2	30
Supply chain for health system and healthcare workers	38.9	38.9	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	52.8	52.6	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>51.2</b>	<b>54.5</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	40.6	43.8	56.1
JEE and PVS	0	25	18.7
Financing	16.7	8.3	35.2
Commitment to sharing of genetic and biological data and specimens	100	100	68.4
<b>RISK ENVIRONMENT</b>	<b>65</b>	<b>65.8</b>	<b>55.8</b>
Political and security risk	80.3	80.3	58.1
Socio-economic resilience	70.5	70.6	60.9
Infrastructure adequacy	58.3	58.3	50.2
Environmental risks	59.5	63.5	54.7
Public health vulnerabilities	56.3	56.1	55.3