



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>PREVENTION</b>	<b>21.4</b>	<b>18.1</b>	<b>28.4</b>
Antimicrobial resistance (AMR)	50	50	45.3
Zoonotic disease	28.2	8.5	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	50	63.3
<b>DETECTION AND REPORTING</b>	<b>40.4</b>	<b>40.4</b>	<b>32.3</b>
Laboratory systems strength and quality	62.5	62.5	44.9
Laboratory supply chains	50	50	15.9
Real-time surveillance and reporting	25	25	34.6
Surveillance data accessibility and transparency	30	30	34.7
Case-based investigation	0	0	16.9
Epidemiology workforce	75	75	46.5
<b>RAPID RESPONSE</b>	<b>36.9</b>	<b>31.4</b>	<b>37.6</b>
Emergency preparedness and response planning	4.2	4.2	30.4
Exercising response plans	25	25	21.1
Emergency response operation	33.3	33.3	27
Linking public health and security authorities	0	0	22.1
Risk communication	37.5	70.8	57.9
Access to communications infrastructure	58.3	61.7	65.7
Trade and travel restrictions	100	25	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>HEALTH SYSTEM</b>	<b>14.4</b>	<b>16.8</b>	<b>31.5</b>
Health capacity in clinics, hospitals, and community care centers	3.9	20.5	30
Supply chain for health system and healthcare workers	11.1	11.1	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	61	61	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>42.2</b>	<b>42.7</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	50	50	50
International commitments	28.1	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>44.9</b>	<b>44.9</b>	<b>55.8</b>
Political and security risk	39.6	36.7	58.1
Socio-economic resilience	47.1	47.3	60.9
Infrastructure adequacy	33.3	33.3	50.2
Environmental risks	53.6	56.6	54.7
Public health vulnerabilities	51	50.7	55.3

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