



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>PREVENTION</b>	<b>17</b>	<b>8.6</b>	<b>28.4</b>
Antimicrobial resistance (AMR)	41.7	41.7	45.3
Zoonotic disease	10.4	10	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>41</b>	<b>38.9</b>	<b>32.3</b>
Laboratory systems strength and quality	75	75	44.9
Laboratory supply chains	50	50	15.9
Real-time surveillance and reporting	62.5	37.5	34.6
Surveillance data accessibility and transparency	33.3	33.3	34.7
Case-based investigation	0	12.5	16.9
Epidemiology workforce	25	25	46.5
<b>RAPID RESPONSE</b>	<b>57</b>	<b>52</b>	<b>37.6</b>
Emergency preparedness and response planning	25	25	30.4
Exercising response plans	0	25	21.1
Emergency response operation	33.3	33.3	27
Linking public health and security authorities	100	100	22.1
Risk communication	66.7	83.3	57.9
Access to communications infrastructure	74.1	72.6	65.7
Trade and travel restrictions	100	25	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>HEALTH SYSTEM</b>	<b>19.2</b>	<b>21.6</b>	<b>31.5</b>
Health capacity in clinics, hospitals, and community care centers	25.5	42	30
Supply chain for health system and healthcare workers	5.6	5.6	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	53.6	53.5	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>39.6</b>	<b>40.1</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	0	0	50
International commitments	37.5	40.6	56.1
JEE and PVS	25	25	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>46.9</b>	<b>39</b>	<b>55.8</b>
Political and security risk	14.3	13.4	58.1
Socio-economic resilience	67.4	59.5	60.9
Infrastructure adequacy	33.3	33.3	50.2
Environmental risks	60.1	29.6	54.7
Public health vulnerabilities	59.2	59.4	55.3

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