



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>PREVENTION</b>	<b>49.1</b>	<b>49.1</b>	<b>28.4</b>
Antimicrobial resistance (AMR)	83.3	83.3	45.3
Zoonotic disease	56.6	56.7	19.8
Biosecurity	54.7	54.7	18.7
Biosafety	25	25	20.9
Dual-use research and culture of responsible science	0	0	2.6
Immunization	75	75	63.3
<b>DETECTION AND REPORTING</b>	<b>70.3</b>	<b>72.4</b>	<b>32.3</b>
Laboratory systems strength and quality	87.5	87.5	44.9
Laboratory supply chains	50	50	15.9
Real-time surveillance and reporting	75	75	34.6
Surveillance data accessibility and transparency	96.7	96.7	34.7
Case-based investigation	62.5	75	16.9
Epidemiology workforce	50	50	46.5
<b>RAPID RESPONSE</b>	<b>68</b>	<b>56.3</b>	<b>37.6</b>
Emergency preparedness and response planning	50	66.7	30.4
Exercising response plans	25	0	21.1
Emergency response operation	33.3	33.3	27
Linking public health and security authorities	100	100	22.1
Risk communication	83.3	83.3	57.9
Access to communications infrastructure	84.1	85.7	65.7
Trade and travel restrictions	100	25	39

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

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>HEALTH SYSTEM</b>	<b>53.7</b>	<b>56</b>	<b>31.5</b>
Health capacity in clinics, hospitals, and community care centers	62.6	78.9	30
Supply chain for health system and healthcare workers	61.1	61.1	28.5
Medical countermeasures and personnel deployment	50	50	10.3
Healthcare access	52	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	50	50	45.1
<b>COMPLIANCE WITH INTERNATIONAL NORMS</b>	<b>70.8</b>	<b>75</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	100	100	50
International commitments	100	100	56.1
JEE and PVS	0	0	18.7
Financing	25	50	35.2
Commitment to sharing of genetic and biological data and specimens	100	100	68.4
<b>RISK ENVIRONMENT</b>	<b>82.5</b>	<b>83.9</b>	<b>55.8</b>
Political and security risk	82.8	87.5	58.1
Socio-economic resilience	96.2	95.9	60.9
Infrastructure adequacy	83.3	83.3	50.2
Environmental risks	63.8	66.5	54.7
Public health vulnerabilities	86.2	86.5	55.3