



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>PREVENTION</b>	<b>63.3</b>	<b>63.5</b>	<b>28.4</b>
Antimicrobial resistance (AMR)	100	100	45.3
Zoonotic disease	52.2	53.2	19.8
Biosecurity	69.3	69.3	18.7
Biosafety	50	50	20.9
Dual-use research and culture of responsible science	33.3	33.3	2.6
Immunization	75	75	63.3
<b>DETECTION AND REPORTING</b>	<b>62.5</b>	<b>70.8</b>	<b>32.3</b>
Laboratory systems strength and quality	75	87.5	44.9
Laboratory supply chains	50	50	15.9
Real-time surveillance and reporting	100	100	34.6
Surveillance data accessibility and transparency	100	100	34.7
Case-based investigation	0	37.5	16.9
Epidemiology workforce	50	50	46.5
<b>RAPID RESPONSE</b>	<b>68.1</b>	<b>64.8</b>	<b>37.6</b>
Emergency preparedness and response planning	50	50	30.4
Exercising response plans	0	25	21.1
Emergency response operation	66.7	66.7	27
Linking public health and security authorities	100	100	22.1
Risk communication	75	100	57.9
Access to communications infrastructure	85.2	87	65.7
Trade and travel restrictions	100	25	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>HEALTH SYSTEM</b>	<b>66</b>	<b>68.3</b>	<b>31.5</b>
Health capacity in clinics, hospitals, and community care centers	48.9	65.1	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	52.3	52.2	55.2
Communications with health-care workers during a public health emergency	50	50	10.8
Infection control practices	100	100	40.5
Capacity to test and approve new medical countermeasures	100	100	45.1
<b>COMPLIANCE WITH INTERNATIONAL NORMS</b>	<b>75</b>	<b>62.5</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	0	50
International commitments	100	100	56.1
JEE and PVS	25	0	18.7
Financing	75	75	35.2
Commitment to sharing of genetic and biological data and specimens	100	100	68.4
<b>RISK ENVIRONMENT</b>	<b>75</b>	<b>73</b>	<b>55.8</b>
Political and security risk	76.8	81.5	58.1
Socio-economic resilience	85.6	85.5	60.9
Infrastructure adequacy	66.7	66.7	50.2
Environmental risks	62.7	48.5	54.7
Public health vulnerabilities	83.2	82.7	55.3

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