



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>PREVENTION</b>	<b>50.2</b>	<b>50.2</b>	<b>28.4</b>
Antimicrobial resistance (AMR)	100	100	45.3
Zoonotic disease	52.2	52.2	19.8
Biosecurity	24	24	18.7
Biosafety	50	50	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>38.3</b>	<b>42.5</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	12.5	37.5	34.6
Surveillance data accessibility and transparency	80	80	34.7
Case-based investigation	0	0	16.9
Epidemiology workforce	0	0	46.5
<b>RAPID RESPONSE</b>	<b>71.3</b>	<b>64.9</b>	<b>37.6</b>
Emergency preparedness and response planning	100	100	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	83.3	83.3	57.9
Access to communications infrastructure	82.5	87.3	65.7
Trade and travel restrictions	100	25	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>HEALTH SYSTEM</b>	<b>50.9</b>	<b>50.9</b>	<b>31.5</b>
Health capacity in clinics, hospitals, and community care centers	45.2	45.2	30
Supply chain for health system and healthcare workers	11.1	11.1	28.5
Medical countermeasures and personnel deployment	50	50	10.3
Healthcare access	50	50	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	50	50	45.1
<b>COMPLIANCE WITH INTERNATIONAL NORMS</b>	<b>68.1</b>	<b>59.7</b>	<b>47.8</b>
IHR reporting compliance and disaster risk reduction	100	50	58.5
Cross-border agreements on public and health emergency response	100	100	50
International commitments	100	100	56.1
JEE and PVS	25	25	18.7
Financing	16.7	16.7	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
<b>RISK ENVIRONMENT</b>	<b>83.9</b>	<b>84.6</b>	<b>55.8</b>
Political and security risk	85.6	86.8	58.1
Socio-economic resilience	96.5	96.5	60.9
Infrastructure adequacy	91.7	91.7	50.2
Environmental risks	66.8	69.6	54.7
Public health vulnerabilities	78.8	78.6	55.3

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