



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>PREVENTION</b>	<b>47.2</b>	<b>43.1</b>	<b>28.4</b>
Antimicrobial resistance (AMR)	91.7	91.7	45.3
Zoonotic disease	29.7	29.7	19.8
Biosecurity	12	12	18.7
Biosafety	50	50	20.9
Dual-use research and culture of responsible science	0	0	2.6
Immunization	100	75	63.3
<b>DETECTION AND REPORTING</b>	<b>56.1</b>	<b>71.1</b>	<b>32.3</b>
Laboratory systems strength and quality	25	37.5	44.9
Laboratory supply chains	50	100	15.9
Real-time surveillance and reporting	100	100	34.6
Surveillance data accessibility and transparency	86.7	76.7	34.7
Case-based investigation	25	62.5	16.9
Epidemiology workforce	50	50	46.5
<b>RAPID RESPONSE</b>	<b>63.1</b>	<b>59.5</b>	<b>37.6</b>
Emergency preparedness and response planning	50	50	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	75.3	74.8	65.7
Trade and travel restrictions	100	50	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>HEALTH SYSTEM</b>	<b>49.3</b>	<b>51.6</b>	<b>31.5</b>
Health capacity in clinics, hospitals, and community care centers	47.6	63.8	30
Supply chain for health system and healthcare workers	44.4	44.4	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	52.8	52.8	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	100	100	45.1
<b>COMPLIANCE WITH INTERNATIONAL NORMS</b>	<b>66.7</b>	<b>66.7</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	100	100	56.1
JEE and PVS	50	50	18.7
Financing	50	50	35.2
Commitment to sharing of genetic and biological data and specimens	100	100	68.4
<b>RISK ENVIRONMENT</b>	<b>70.3</b>	<b>70.9</b>	<b>55.8</b>
Political and security risk	79.2	80.4	58.1
Socio-economic resilience	76.6	76.6	60.9
Infrastructure adequacy	75	75	50.2
Environmental risks	41.7	44.2	54.7
Public health vulnerabilities	79	78.3	55.3

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