



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>PREVENTION</b>	<b>41.7</b>	<b>41.9</b>	<b>28.4</b>
Antimicrobial resistance (AMR)	75	75	45.3
Zoonotic disease	31.4	32.5	19.8
Biosecurity	44	44	18.7
Biosafety	50	50	20.9
Dual-use research and culture of responsible science	0	0	2.6
Immunization	50	50	63.3
<b>DETECTION AND REPORTING</b>	<b>50.1</b>	<b>54.3</b>	<b>32.3</b>
Laboratory systems strength and quality	87.5	87.5	44.9
Laboratory supply chains	0	0	15.9
Real-time surveillance and reporting	75	100	34.6
Surveillance data accessibility and transparency	63.3	63.3	34.7
Case-based investigation	50	50	16.9
Epidemiology workforce	25	25	46.5
<b>RAPID RESPONSE</b>	<b>61.5</b>	<b>64.8</b>	<b>37.6</b>
Emergency preparedness and response planning	33.3	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	100	75	57.9
Access to communications infrastructure	63.5	70.4	65.7
Trade and travel restrictions	100	100	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>HEALTH SYSTEM</b>	<b>52.5</b>	<b>54.7</b>	<b>31.5</b>
Health capacity in clinics, hospitals, and community care centers	41.7	57.7	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	56.1	56.1	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	75	75	45.1
<b>COMPLIANCE WITH INTERNATIONAL NORMS</b>	<b>68.1</b>	<b>68.1</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	100	100	50
International commitments	100	100	56.1
JEE and PVS	0	0	18.7
Financing	58.3	58.3	35.2
Commitment to sharing of genetic and biological data and specimens	100	100	68.4
<b>RISK ENVIRONMENT</b>	<b>56.8</b>	<b>57.9</b>	<b>55.8</b>
Political and security risk	50.4	36.2	58.1
Socio-economic resilience	51.4	68.2	60.9
Infrastructure adequacy	58.3	58.3	50.2
Environmental risks	61.4	64.1	54.7
Public health vulnerabilities	62.6	62.6	55.3

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