



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>PREVENTION</b>	<b>66.7</b>	<b>66.8</b>	<b>28.4</b>
Antimicrobial resistance (AMR)	66.7	66.7	45.3
Zoonotic disease	32.7	33.2	19.8
Biosecurity	76	76	18.7
Biosafety	100	100	20.9
Dual-use research and culture of responsible science	50	50	2.6
Immunization	75	75	63.3
<b>DETECTION AND REPORTING</b>	<b>61.7</b>	<b>61.7</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	62.5	62.5	34.6
Surveillance data accessibility and transparency	70	70	34.7
Case-based investigation	100	100	16.9
Epidemiology workforce	50	50	46.5
<b>RAPID RESPONSE</b>	<b>49</b>	<b>38.9</b>	<b>37.6</b>
Emergency preparedness and response planning	83.3	83.3	30.4
Exercising response plans	0	25	21.1
Emergency response operation	33.3	33.3	27
Linking public health and security authorities	0	0	22.1
Risk communication	50	50	57.9
Access to communications infrastructure	76.6	80.7	65.7
Trade and travel restrictions	100	0	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>HEALTH SYSTEM</b>	<b>58.3</b>	<b>60.8</b>	<b>31.5</b>
Health capacity in clinics, hospitals, and community care centers	53.4	70.8	30
Supply chain for health system and healthcare workers	66.7	66.7	28.5
Medical countermeasures and personnel deployment	50	50	10.3
Healthcare access	63	63	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	75	75	45.1
<b>COMPLIANCE WITH INTERNATIONAL NORMS</b>	<b>69.4</b>	<b>69.4</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	50	50	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
<b>RISK ENVIRONMENT</b>	<b>63.5</b>	<b>61.7</b>	<b>55.8</b>
Political and security risk	71.9	69.1	58.1
Socio-economic resilience	80.5	72.1	60.9
Infrastructure adequacy	58.3	58.3	50.2
Environmental risks	60.9	62.6	54.7
Public health vulnerabilities	46	46.2	55.3

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