



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>PREVENTION</b>	<b>22.9</b>	<b>23.7</b>	<b>28.4</b>
Antimicrobial resistance (AMR)	16.7	16.7	45.3
Zoonotic disease	45.4	25.3	19.8
Biosecurity	0	0	18.7
Biosafety	0	0	20.9
Dual-use research and culture of responsible science	0	0	2.6
Immunization	75	100	63.3
<b>DETECTION AND REPORTING</b>	<b>39.6</b>	<b>43.8</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	62.5	62.5	34.6
Surveillance data accessibility and transparency	0	0	34.7
Case-based investigation	0	12.5	16.9
Epidemiology workforce	50	50	46.5
<b>RAPID RESPONSE</b>	<b>29.3</b>	<b>28.6</b>	<b>37.6</b>
Emergency preparedness and response planning	0	16.7	30.4
Exercising response plans	0	25	21.1
Emergency response operation	0	33.3	27
Linking public health and security authorities	0	0	22.1
Risk communication	66.7	66.7	57.9
Access to communications infrastructure	38.1	33.8	65.7
Trade and travel restrictions	100	25	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>HEALTH SYSTEM</b>	<b>23.2</b>	<b>25.6</b>	<b>31.5</b>
Health capacity in clinics, hospitals, and community care centers	18.9	35.6	30
Supply chain for health system and healthcare workers	38.9	38.9	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	54.6	54.6	55.2
Communications with health-care workers during a public health emergency	0	0	10.8
Infection control practices	0	0	40.5
Capacity to test and approve new medical countermeasures	50	50	45.1
<b>COMPLIANCE WITH INTERNATIONAL NORMS</b>	<b>50</b>	<b>42.2</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	0	0	50
International commitments	75	78.1	56.1
JEE and PVS	75	25	18.7
Financing	33.3	33.3	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
<b>RISK ENVIRONMENT</b>	<b>47.4</b>	<b>48.9</b>	<b>55.8</b>
Political and security risk	53.8	50.2	58.1
Socio-economic resilience	61	61.1	60.9
Infrastructure adequacy	16.7	25	50.2
Environmental risks	45.9	48.4	54.7
Public health vulnerabilities	59.6	59.9	55.3

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