



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>PREVENTION</b>	<b>32.8</b>	<b>31.4</b>	<b>28.4</b>
Antimicrobial resistance (AMR)	0	8.3	45.3
Zoonotic disease	39.5	18.8	19.8
Biosecurity	32	36	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>23.3</b>	<b>32.8</b>	<b>32.3</b>
Laboratory systems strength and quality	50	87.5	44.9
Laboratory supply chains	0	0	15.9
Real-time surveillance and reporting	0	0	34.6
Surveillance data accessibility and transparency	40	46.7	34.7
Case-based investigation	0	12.5	16.9
Epidemiology workforce	50	50	46.5
<b>RAPID RESPONSE</b>	<b>37.7</b>	<b>26.1</b>	<b>37.6</b>
Emergency preparedness and response planning	37.5	37.5	30.4
Exercising response plans	0	25	21.1
Emergency response operation	0	0	27
Linking public health and security authorities	0	0	22.1
Risk communication	50	50	57.9
Access to communications infrastructure	76.3	69.9	65.7
Trade and travel restrictions	100	0	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>HEALTH SYSTEM</b>	<b>32.7</b>	<b>49.1</b>	<b>31.5</b>
Health capacity in clinics, hospitals, and community care centers	22	37	30
Supply chain for health system and healthcare workers	33.3	33.3	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	98.6	98.6	55.2
Communications with health-care workers during a public health emergency	0	0	10.8
Infection control practices	0	100	40.5
Capacity to test and approve new medical countermeasures	75	75	45.1
<b>COMPLIANCE WITH INTERNATIONAL NORMS</b>	<b>50.9</b>	<b>47.2</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	96.9	100	56.1
JEE and PVS	25	0	18.7
Financing	66.7	66.7	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
<b>RISK ENVIRONMENT</b>	<b>44</b>	<b>46.7</b>	<b>55.8</b>
Political and security risk	13.1	24.3	58.1
Socio-economic resilience	69	69	60.9
Infrastructure adequacy	41.7	41.7	50.2
Environmental risks	50.6	53.3	54.7
Public health vulnerabilities	45.4	45.4	55.3

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