



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>PREVENTION</b>	<b>49.6</b>	<b>53.8</b>	<b>28.4</b>
Antimicrobial resistance (AMR)	83.3	83.3	45.3
Zoonotic disease	45.2	45.4	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	75	100	63.3
<b>DETECTION AND REPORTING</b>	<b>52.5</b>	<b>46.3</b>	<b>32.3</b>
Laboratory systems strength and quality	50	50	44.9
Laboratory supply chains	50	50	15.9
Real-time surveillance and reporting	75	25	34.6
Surveillance data accessibility and transparency	90	90	34.7
Case-based investigation	0	12.5	16.9
Epidemiology workforce	50	50	46.5
<b>RAPID RESPONSE</b>	<b>68.1</b>	<b>57.5</b>	<b>37.6</b>
Emergency preparedness and response planning	66.7	66.7	30.4
Exercising response plans	25	25	21.1
Emergency response operation	33.3	33.3	27
Linking public health and security authorities	100	100	22.1
Risk communication	66.7	66.7	57.9
Access to communications infrastructure	85.2	86	65.7
Trade and travel restrictions	100	25	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>HEALTH SYSTEM</b>	<b>45.1</b>	<b>45</b>	<b>31.5</b>
Health capacity in clinics, hospitals, and community care centers	58.8	58.3	30
Supply chain for health system and healthcare workers	55.6	55.6	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	51.3	51.1	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	50	50	45.1
<b>COMPLIANCE WITH INTERNATIONAL NORMS</b>	<b>64.8</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	96.9	100	56.1
JEE and PVS	0	0	18.7
Financing	25	50	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
<b>RISK ENVIRONMENT</b>	<b>88.2</b>	<b>89</b>	<b>55.8</b>
Political and security risk	95.1	96.3	58.1
Socio-economic resilience	98.5	98.5	60.9
Infrastructure adequacy	91.7	91.7	50.2
Environmental risks	62.2	64.8	54.7
Public health vulnerabilities	93.5	93.6	55.3

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