



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>PREVENTION</b>	<b>48.4</b>	<b>45</b>	<b>28.4</b>
Antimicrobial resistance (AMR)	83.3	83.3	45.3
Zoonotic disease	53.8	33.6	19.8
Biosecurity	28	28	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>47.6</b>	<b>75.3</b>	<b>32.3</b>
Laboratory systems strength and quality	50	87.5	44.9
Laboratory supply chains	50	100	15.9
Real-time surveillance and reporting	62.5	62.5	34.6
Surveillance data accessibility and transparency	23.3	26.7	34.7
Case-based investigation	75	75	16.9
Epidemiology workforce	25	100	46.5
<b>RAPID RESPONSE</b>	<b>55.3</b>	<b>50.3</b>	<b>37.6</b>
Emergency preparedness and response planning	83.3	75	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	83.3	83.3	57.9
Access to communications infrastructure	87.4	85.7	65.7
Trade and travel restrictions	100	50	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>HEALTH SYSTEM</b>	<b>46.6</b>	<b>48.9</b>	<b>31.5</b>
Health capacity in clinics, hospitals, and community care centers	37.3	53.7	30
Supply chain for health system and healthcare workers	61.1	61.1	28.5
Medical countermeasures and personnel deployment	50	50	10.3
Healthcare access	52.7	52.7	55.2
Communications with health-care workers during a public health emergency	50	50	10.8
Infection control practices	0	0	40.5
Capacity to test and approve new medical countermeasures	75	75	45.1
<b>COMPLIANCE WITH INTERNATIONAL NORMS</b>	<b>59.7</b>	<b>77.8</b>	<b>47.8</b>
IHR reporting compliance and disaster risk reduction	50	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	25	18.7
Financing	41.7	75	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
<b>RISK ENVIRONMENT</b>	<b>76.9</b>	<b>77.7</b>	<b>55.8</b>
Political and security risk	92.3	93.5	58.1
Socio-economic resilience	93.1	93.1	60.9
Infrastructure adequacy	83.3	83.3	50.2
Environmental risks	35.2	38	54.7
Public health vulnerabilities	80.8	80.8	55.3

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