



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>PREVENTION</b>	<b>37.7</b>	<b>37.7</b>	<b>28.4</b>
Antimicrobial resistance (AMR)	58.3	58.3	45.3
Zoonotic disease	43.6	43.6	19.8
Biosecurity	24	24	18.7
Biosafety	50	50	20.9
Dual-use research and culture of responsible science	0	0	2.6
Immunization	50	50	63.3
<b>DETECTION AND REPORTING</b>	<b>48.9</b>	<b>57.8</b>	<b>32.3</b>
Laboratory systems strength and quality	62.5	87.5	44.9
Laboratory supply chains	0	0	15.9
Real-time surveillance and reporting	75	100	34.6
Surveillance data accessibility and transparency	93.3	96.7	34.7
Case-based investigation	37.5	37.5	16.9
Epidemiology workforce	25	25	46.5
<b>RAPID RESPONSE</b>	<b>50.2</b>	<b>45.8</b>	<b>37.6</b>
Emergency preparedness and response planning	62.5	79.2	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	100	100	57.9
Access to communications infrastructure	55.2	57.8	65.7
Trade and travel restrictions	100	25	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>HEALTH SYSTEM</b>	<b>65.7</b>	<b>71.7</b>	<b>31.5</b>
Health capacity in clinics, hospitals, and community care centers	23	39.7	30
Supply chain for health system and healthcare workers	50	50	28.5
Medical countermeasures and personnel deployment	50	50	10.3
Healthcare access	62	62.1	55.2
Communications with health-care workers during a public health emergency	100	100	10.8
Infection control practices	100	100	40.5
Capacity to test and approve new medical countermeasures	75	100	45.1
<b>COMPLIANCE WITH INTERNATIONAL NORMS</b>	<b>65.1</b>	<b>61.5</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	50	50	50
International commitments	90.6	93.8	56.1
JEE and PVS	25	0	18.7
Financing	58.3	58.3	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
<b>RISK ENVIRONMENT</b>	<b>55.3</b>	<b>55</b>	<b>55.8</b>
Political and security risk	69.4	57.1	58.1
Socio-economic resilience	58.4	58.1	60.9
Infrastructure adequacy	58.3	66.7	50.2
Environmental risks	36.2	38.8	54.7
Public health vulnerabilities	53.8	54.3	55.3

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