



Global average of all 195 countries

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>PREVENTION</b>	<b>41.6</b>	<b>41.6</b>	<b>28.4</b>
Antimicrobial resistance (AMR)	58.3	58.3	45.3
Zoonotic disease	34.2	34.3	19.8
Biosecurity	32	32	18.7
Biosafety	25	25	20.9
Dual-use research and culture of responsible science	0	0	2.6
Immunization	100	100	63.3
<b>DETECTION AND REPORTING</b>	<b>43.3</b>	<b>46.7</b>	<b>32.3</b>
Laboratory systems strength and quality	75	75	44.9
Laboratory supply chains	50	50	15.9
Real-time surveillance and reporting	25	25	34.6
Surveillance data accessibility and transparency	60	80	34.7
Case-based investigation	0	0	16.9
Epidemiology workforce	50	50	46.5
<b>RAPID RESPONSE</b>	<b>52.6</b>	<b>44.4</b>	<b>37.6</b>
Emergency preparedness and response planning	0	16.7	30.4
Exercising response plans	0	0	21.1
Emergency response operation	0	0	27
Linking public health and security authorities	100	100	22.1
Risk communication	83.3	83.3	57.9
Access to communications infrastructure	84.9	85.8	65.7
Trade and travel restrictions	100	25	39

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

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>HEALTH SYSTEM</b>	<b>52.8</b>	<b>55.2</b>	<b>31.5</b>
Health capacity in clinics, hospitals, and community care centers	34.1	50.6	30
Supply chain for health system and healthcare workers	83.3	83.3	28.5
Medical countermeasures and personnel deployment	50	50	10.3
Healthcare access	52.4	52.3	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>43.4</b>	<b>30.9</b>	<b>47.8</b>
IHR reporting compliance and disaster risk reduction	50	0	58.5
Cross-border agreements on public and health emergency response	50	50	50
International commitments	68.8	68.8	56.1
JEE and PVS	25	0	18.7
Financing	0	0	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
<b>RISK ENVIRONMENT</b>	<b>70.4</b>	<b>64.2</b>	<b>55.8</b>
Political and security risk	61.3	60.7	58.1
Socio-economic resilience	82.4	82.3	60.9
Infrastructure adequacy	75	75	50.2
Environmental risks	56.8	26.1	54.7
Public health vulnerabilities	76.4	76.8	55.3