



Global average of all 195 countries

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>PREVENTION</b>	<b>51.3</b>	<b>47.7</b>	<b>28.4</b>
Antimicrobial resistance (AMR)	66.7	66.7	45.3
Zoonotic disease	47.1	25.8	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	100	100	63.3
<b>DETECTION AND REPORTING</b>	<b>37.8</b>	<b>37.8</b>	<b>32.3</b>
Laboratory systems strength and quality	75	75	44.9
Laboratory supply chains	0	0	15.9
Real-time surveillance and reporting	25	25	34.6
Surveillance data accessibility and transparency	76.7	76.7	34.7
Case-based investigation	25	25	16.9
Epidemiology workforce	25	25	46.5
<b>RAPID RESPONSE</b>	<b>37</b>	<b>31</b>	<b>37.6</b>
Emergency preparedness and response planning	8.3	25	30.4
Exercising response plans	25	25	21.1
Emergency response operation	33.3	33.3	27
Linking public health and security authorities	0	0	22.1
Risk communication	25	37.5	57.9
Access to communications infrastructure	67.3	71.1	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>51.4</b>	<b>51.4</b>	<b>31.5</b>
Health capacity in clinics, hospitals, and community care centers	36	35.9	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	63	63	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>55</b>	<b>59.7</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	100	100	50
International commitments	96.9	100	56.1
JEE and PVS	0	0	18.7
Financing	16.7	41.7	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
<b>RISK ENVIRONMENT</b>	<b>66.2</b>	<b>65</b>	<b>55.8</b>
Political and security risk	72.1	63.7	58.1
Socio-economic resilience	70.8	70.8	60.9
Infrastructure adequacy	75	83.3	50.2
Environmental risks	54.8	49.2	54.7
Public health vulnerabilities	58.1	58.1	55.3