



	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>PREVENTION</b>	<b>31.9</b>	<b>31.9</b>	<b>28.4</b>
Antimicrobial resistance (AMR)	41.7	41.7	45.3
Zoonotic disease	24.9	24.9	19.8
Biosecurity	0	0	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>33.1</b>	<b>33.1</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	23.3	23.3	34.7
Case-based investigation	0	0	16.9
Epidemiology workforce	75	75	46.5
<b>RAPID RESPONSE</b>	<b>39.6</b>	<b>42.6</b>	<b>37.6</b>
Emergency preparedness and response planning	0	16.7	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	58.3	83.3	57.9
Access to communications infrastructure	85.7	90.1	65.7
Trade and travel restrictions	100	50	39

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
<b>HEALTH SYSTEM</b>	<b>32.8</b>	<b>32.8</b>	<b>31.5</b>
Health capacity in clinics, hospitals, and community care centers	9.8	9.7	30
Supply chain for health system and healthcare workers	16.7	16.7	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	53	53.1	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>38</b>	<b>38.5</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	50	50	50
International commitments	28.1	31.3	56.1
JEE and PVS	0	0	18.7
Financing	33.3	33.3	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
<b>RISK ENVIRONMENT</b>	<b>67.8</b>	<b>65.9</b>	<b>55.8</b>
Political and security risk	77.2	72.6	58.1
Socio-economic resilience	77.4	69.4	60.9
Infrastructure adequacy	50	50	50.2
Environmental risks	67.2	70.5	54.7
Public health vulnerabilities	67.2	67.2	55.3

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