











**15.7 28.4** 

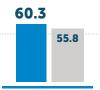
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Global average of all 195 countries

	2019 SCORE	<b>2021</b> SCORE	<b>2021</b> GLOBAL AVFRAGE
PREVENTION	19.1	15.7	28.4
Antimicrobial resistance (AMR)	16.7	16.7	45.3
Zoonotic disease	22.9	2.8	19.8
Biosecurity	0	0	18.7
Biosafety	0	0	20.9
Dual-use research and culture of responsible science	0	0	2.6
Immunization	75	75	63.3
DETECTION AND REPORTING	18.3	18.9	32.3
Laboratory systems strength and quality	50	50	44.9
Laboratory supply chains	0	0	15.9
Real-time surveillance and reporting	25	0	34.6
Surveillance data accessibility and transparency	10	13.3	34.7
Case-based investigation	0	25	16.9
Epidemiology workforce	25	25	46.5
RAPID RESPONSE	32.7	20.9	37.6
Emergency preparedness and response planning	0	25	30.4
Exercising response plans	25	25	21.1
Emergency response operation	0	0	27
Linking public health and security authorities	0	0	22.1
Risk communication	70.8	45.8	57.9
Access to communications infrastructure	57.8	50.4	65.7
Trade and travel restrictions	75	0	39

Scores are normalized	(0–100,	where 100	= most favorable)
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	<b>2019</b> SCORE	<b>2021</b> SCORE	<b>2021</b> GLOBAL AVERAGE
HEALTH SYSTEM	16.5	18.8	31.5
Health capacity in clinics, hospitals, and community care centers	4.2	20.7	30
Supply chain for health system and healthcare workers	0	0	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	61.2	61.1	55.2
Communications with health- care workers during a public health emergency	0	0	10.8
Infection control practices	0	0	40.5
Capacity to test and approve new medical countermeasures	50	50	45.1
COMPLIANCE WITH INTERNATIONAL NORMS	34.2	33.3	47.8
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	21.9	25	56.1
JEE and PVS	0	0	18.7
Financing	16.7	8.3	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
RISK ENVIRONMENT	61	60.3	55.8
Political and security risk	62.6	56.6	58.1
Socio-economic resilience	49.7	49.6	60.9
Infrastructure adequacy	66.7	75	50.2
Environmental risks	60.2	54.8	54.7
Public health vulnerabilities	65.6	65.3	55.3