26.8 Index Score

156/195













100

14.6

28.3

25.4 37.6

20.3

47.8

35.1

35.1 55.8

Global average of all 195 countries

PREVENTION 18 14.6 28.4 Antimicrobial resistance (AMR) 33.3 33.3 45.3 Zoonotic disease 20.6 0 19.8 Biosecurity 4 4 18.7 Biosafety 0 0 20.9 Dual-use research and culture of responsible science 0 0 2.6 Immunization 50 50 63.3 DETECTION AND REPORTING 28.3 28.3 32.3 Laboratory systems strength and quality 50 50 44.9 Laboratory supply chains 0 0 15.9 Real-time surveillance and reporting 50 34.6 Surveillance data accessibility and transparency 20 34.7 Case-based investigation 0 0 16.9 Epidemiology workforce 50 50 46.5 RAPID RESPONSE 33.7 25.4 37.6 Emergency preparedness and response planning 4.2 4.2 30.4 Emergency response operation 33.3				
Antimicrobial resistance (AMR) 33.3 33.3 45.3 Zoonotic disease 20.6 0 19.8 Biosecurity 4 4 18.7 Biosafety 0 0 20.9 Dual-use research and culture of responsible science Immunization 50 50 63.3 DETECTION AND REPORTING 28.3 28.3 32.3 Laboratory systems strength and quality 50 50 44.9 Laboratory supply chains 0 0 15.9 Real-time surveillance and reporting 50 50 34.6 Surveillance data accessibility 20 20 34.7 and transparency Case-based investigation 0 0 16.9 Epidemiology workforce 50 50 46.5 RAPID RESPONSE 33.7 25.4 37.6 Emergency preparedness and response planning 4.2 4.2 30.4 Exercising response operation 33.3 33.3 27 Linking public health and security authorities Risk communication 50 25 57.9 Access to communications infrastructure				GLOBAL
Zoonotic disease 20.6 0 19.8	PREVENTION	18	14.6	28.4
Biosecurity 4 4 18.7 Biosafety 0 0 20.9 Dual-use research and culture of responsible science Immunization 50 50 63.3 DETECTION AND REPORTING 28.3 28.3 32.3 Laboratory systems strength and quality Laboratory supply chains 0 0 15.9 Real-time surveillance and reporting Surveillance data accessibility and transparency Case-based investigation 0 0 16.9 Epidemiology workforce 50 50 46.5 RAPID RESPONSE 33.7 25.4 37.6 Emergency preparedness and response planning Exercising response operation 33.3 33.3 27 Linking public health and security authorities Risk communication 50 25 57.9 Access to communications infrastructure	Antimicrobial resistance (AMR)	33.3	33.3	45.3
Biosafety 0 0 20.9 Dual-use research and culture of responsible science Immunization 50 50 63.3 DETECTION AND REPORTING 28.3 28.3 32.3 Laboratory systems strength and quality Laboratory supply chains 0 0 15.9 Real-time surveillance and reporting 50 50 34.6 Surveillance data accessibility 20 20 34.7 and transparency Case-based investigation 0 0 16.9 Epidemiology workforce 50 50 46.5 RAPID RESPONSE 33.7 25.4 37.6 Emergency preparedness and response planning 4.2 4.2 30.4 Emergency response operation 33.3 33.3 27 Linking public health and security authorities Risk communication 50 25 57.9 Access to communications infrastructure	Zoonotic disease	20.6	0	19.8
Dual-use research and culture of responsible science Immunization 50 50 63.3 DETECTION AND REPORTING 28.3 28.3 32.3 Laboratory systems strength and quality 50 50 44.9 Laboratory supply chains 0 0 15.9 Real-time surveillance and reporting 50 50 34.6 Surveillance data accessibility 20 20 34.7 and transparency 20 20 34.7 Epidemiology workforce 50 50 46.5 RAPID RESPONSE 33.7 25.4 37.6 Emergency preparedness and response planning 4.2 4.2 30.4 Emergency response operation 33.3 33.3 27 Linking public health and security authorities Risk communication 50 25 57.9 Access to communications infrastructure 48.2 40.6 65.7	Biosecurity	4	4	18.7
of responsible science Immunization 50 50 63.3 DETECTION AND REPORTING 28.3 28.3 32.3 Laboratory systems strength and quality Laboratory supply chains 0 0 15.9 Real-time surveillance and reporting 50 50 34.6 Surveillance data accessibility 20 20 34.7 and transparency Case-based investigation 0 0 16.9 Epidemiology workforce 50 50 46.5 RAPID RESPONSE 33.7 25.4 37.6 Emergency preparedness and response planning 25 21.1 Emergency response operation 33.3 33.3 27 Linking public health and security authorities Risk communication 50 25 57.9 Access to communications infrastructure 48.2 40.6 65.7	Biosafety	0	0	20.9
DETECTION AND REPORTING Laboratory systems strength and quality Laboratory supply chains Real-time surveillance and reporting Surveillance data accessibility and transparency Case-based investigation Epidemiology workforce Table 1		0	0	2.6
REPORTING28.328.332.3Laboratory systems strength and quality505044.9Laboratory supply chains0015.9Real-time surveillance and reporting505034.6Surveillance data accessibility and transparency202034.7Case-based investigation0016.9Epidemiology workforce505046.5RAPID RESPONSE33.725.437.6Emergency preparedness and response planning4.24.230.4Exercising response operation33.333.327Linking public health and security authorities022.1Risk communication502557.9Access to communications infrastructure48.240.665.7	Immunization	50	50	63.3
and quality Laboratory supply chains Real-time surveillance and reporting Surveillance data accessibility and transparency Case-based investigation Epidemiology workforce The surveillance of transparency Case-based investigation Epidemiology workforce The surveillance of transparency Case-based investigation Epidemiology workforce The surveillance of transparency The surveillance and response operation The surveillance of transparency The surveillance and response operation The surveillance and response oper		28.3	28.3	32.3
Real-time surveillance and reporting Surveillance data accessibility and transparency Case-based investigation 0 0 16.9 Epidemiology workforce 50 50 46.5 RAPID RESPONSE 33.7 25.4 37.6 Emergency preparedness and response planning 4.2 4.2 30.4 Exercising response plans 0 25 21.1 Emergency response operation 33.3 33.3 27 Linking public health and security authorities Risk communication 50 25 57.9 Access to communications infrastructure		50	50	44.9
reporting Surveillance data accessibility and transparency Case-based investigation 0 0 16.9 Epidemiology workforce 50 50 46.5 RAPID RESPONSE 33.7 25.4 37.6 Emergency preparedness and response planning 4.2 4.2 30.4 Exercising response operation 33.3 33.3 27 Linking public health and security authorities Risk communication 50 25 57.9 Access to communications infrastructure	Laboratory supply chains	0	0	15.9
and transparency Case-based investigation 0 0 16.9 Epidemiology workforce 50 50 46.5 RAPID RESPONSE 33.7 25.4 37.6 Emergency preparedness and response planning 4.2 4.2 30.4 Exercising response plans 0 25 21.1 Emergency response operation 33.3 33.3 27 Linking public health and 0 0 22.1 security authorities Risk communication 50 25 57.9 Access to communications infrastructure 48.2 40.6 65.7		50	50	34.6
Epidemiology workforce 50 50 46.5 RAPID RESPONSE 33.7 25.4 37.6 Emergency preparedness and response planning 4.2 4.2 30.4 Exercising response plans 0 25 21.1 Emergency response operation 33.3 33.3 27 Linking public health and 0 0 22.1 security authorities Risk communication 50 25 57.9 Access to communications infrastructure 48.2 40.6 65.7	3	20	20	34.7
RAPID RESPONSE Emergency preparedness and response planning Exercising response plans Emergency response operation Linking public health and security authorities Risk communication Access to communications infrastructure 33.7 4.2 4.2 30.4 25.4 30.4 25.8 30.4 25.8 30.4 25.8 30.4 25.9 40.6 30.4 40.6 30.4 40.6 30.4 40.6 30.4 40.6 30.4 40.6 30.4 40.6 40.6 40.6 40.6	Case-based investigation	0	0	16.9
Emergency preparedness and response planning Exercising response plans O 25 21.1 Emergency response operation Linking public health and security authorities Risk communication Access to communications infrastructure 4.2 4.2 30.4 4.2 4.2 50.4 4.2 4.2 4.2 4.2 4.2 4.2 4.2	Epidemiology workforce	50	50	46.5
response planning Exercising response plans 0 25 21.1 Emergency response operation 33.3 33.3 27 Linking public health and security authorities Risk communication 50 25 57.9 Access to communications infrastructure 48.2 40.6 65.7	RAPID RESPONSE	33.7	25.4	37.6
Emergency response operation 33.3 33.3 27 Linking public health and 0 0 22.1 security authorities Risk communication 50 25 57.9 Access to communications infrastructure 48.2 40.6 65.7		4.2	4.2	30.4
Linking public health and security authorities Risk communication 50 25 57.9 Access to communications infrastructure 48.2 40.6 65.7	Exercising response plans	0	25	21.1
security authorities Risk communication 50 25 57.9 Access to communications infrastructure 48.2 40.6 65.7	Emergency response operation	33.3	33.3	27
Access to communications 48.2 40.6 65.7	- ·	0	0	22.1
infrastructure 48.2 40.6 65.7	Risk communication	50	25	57.9
Trade and travel restrictions 100 50 39		48.2	40.6	65.7
	Trade and travel restrictions	100	50	39

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

	2019 SCORE	2021 SCORE	2021 GLOBAL AVERAGE
HEALTH SYSTEM	18	20.3	31.5
Health capacity in clinics, hospitals, and community care centers	0.4	17.1	30
Supply chain for health system and healthcare workers	0	0	28.5
Medical countermeasures and personnel deployment	0	0	10.3
Healthcare access	50.7	49.8	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	75	75	45.1
COMPLIANCE WITH INTERNATIONAL NORMS	36.8	37.3	47.8
IHR reporting compliance and disaster risk reduction	50	50	58.5
Cross-border agreements on public and health emergency response	0	0	50
International commitments	12.5	15.6	56.1
JEE and PVS	50	50	18.7
Financing	41.7	41.7	35.2
Commitment to sharing of genetic and biological data and specimens	66.7	66.7	68.4
RISK ENVIRONMENT	36	35.1	55.8
Political and security risk	57.4	50.2	58.1
Socio-economic resilience	23.7	24	60.9
Infrastructure adequacy	0	0	50.2
Environmental risks	68.4	71	54.7
Public health vulnerabilities	30.3	30.5	55.3