United Kingdom

2019 Score 2021 Score 2021 Global Average

Prevention

Antimicrobial resistance (AMR) 63.3 63.5 28.4
Zoonotic disease 52.2 53.2 19.8
Biosecurity 69.3 69.3 18.7
Biosecurity 50 50 20.9
Dual-use research and culture of responsible science 33.3 33.3 2.6
Immunization 75 75 63.3

Detection and Reporting

Laboratory systems strength and quality 75 87.5 44.9
Laboratory supply chains 50 50 15.9
Real-time surveillance and reporting 100 100 34.6
Surveillance data accessibility and transparency 100 100 34.7
Case-based investigation 0 37.5 16.9
Epidemiology workforce 50 50 46.5

Rapid Response

Emergency preparedness and response planning 50 50 30.4
Exercising response plans 0 25 21.1
Emergency response operation 66.7 66.7 27
Linking public health and security authorities 100 100 22.1
Risk communication 75 100 57.9
Access to communications infrastructure 85.2 87 65.7
Trade and travel restrictions 100 25 39

Health System

Health capacity in clinics, hospitals, and community care centers 48.9 65.1 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 52.3 52.2 55.2
Communications with healthcare workers during a public health emergency 50 50 10.8
Capacity to test and approve new medical countermeasures 100 100 45.1

Compliance with International Norms

IHR reporting compliance and disaster risk reduction 100 100 58.5
Cross-border agreements on public and health emergency response 50 0 50
International commitments 100 100 56.1
JEE and PVS 25 0 18.7
Financing 75 75 35.2
Commitment to sharing of genetic and biological data and specimens 100 100 68.4

Risk Environment

Political and security risk 76.8 81.5 58.1
Socio-economic resilience 85.6 85.5 60.9
Infrastructure adequacy 66.7 66.7 50.2
Environmental risks 62.7 48.5 54.7
Public health vulnerabilities 83.2 82.7 55.3

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