

## Coverage of items of the WHO Pandemic Agreement in Nigeria. Country-case report

| Item                                                                                        | Second Joint External Evaluation (JEE) of the International Health Regulations (2005) Core Capacities of Nigeria was held from August 14-18 in 2023                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Others                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                          |
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|                                                                                             | Indicator                                                                                                                                                                                                                                                                 | Specific details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Description/ Results                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Source                                                                                                                                                                   |
| <b>Article 4: Pandemic Preparedness and Surveillance</b>                                    |                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                          |
| 1<br>Status of IHR Implementation (JEE)                                                     | P.1.1 The State has assessed, adjusted and aligned its domestic legislation, policies and administrative arrangements in all relevant sectors to enable compliance with the International Health Regulations (IHR 2005)                                                   | Following the 2017 JEE, the country strengthened its public health security legal framework through the enactment of the NCDC Act (2018) and the Animal Disease Control Act, which improved national coordination and funding mechanisms for infectious disease prevention and control. The National Technical Guidelines for Integrated Disease Surveillance and Response (IDSR) originally endorsed in 2002 were revised in 2010 and again in 2019 to reflect IHR (2005) surveillance and response requirements. A comprehensive legal assessment conducted in 2020 identified further gaps, leading to amendments of the NCDC Bill (2022) and the Animal Disease Control Act (2022), including strengthened provisions for zoonotic diseases and antimicrobial resistance (AMR) | The country has substantially assessed and updated its legal and administrative arrangements to support IHR compliance, with ongoing work to ensure full alignment across all states.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="#">Joint external evaluation of the International Health Regulations (2005) core capacities of Nigeria</a><br><a href="#">Mission report, 14-18 August 2023</a> |
| 2<br>Implementation of Multisectoral National Pandemic Prevention and Surveillance Programs |                                                                                                                                                                                                                                                                           | After its first JEE in 2017, Nigeria developed its inaugural <b>NAPHS</b> (National Action Plan on Health Security (2018-2022)) in 2018, based on identified gaps and capacities.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | To monitor implementation, the country deployed a NAPHS tracker that captures indicators by technical area, categorizing activities as "not done," "ongoing," or "completed." Overseen by the IHR coordination team, the tracker is updated monthly by technical assistance leads and validated quarterly during IHR Technical Working Group (TWG) meetings                                                                                                                                                                                                                                                                                                                                  | <a href="#">National Action Plan for Health Security Federal Republic of Nigeria (2018-2022)</a>                                                                         |
| 2<br>(b)<br>Capacity for Zoonotic Disease Prevention                                        | P.4.1 Coordinated surveillance systems in place in the animal health and public health sectors for zoonotic diseases/pathogens identified as joint priorities<br>P.4.2 Mechanisms for responding to infectious and potential zoonotic diseases established and functional | National and local coordination enables surveillance and diagnosis of zoonotic diseases using interoperable systems and a One Health approach. Strengths include comprehensive laboratory coverage, effective information sharing, and use of data for prevention. However, challenges remain due to insufficient funding, trained workforce loss, federal system enforcement issues, and difficulty reaching remote areas.                                                                                                                                                                                                                                                                                                                                                        | Nigeria has developed strong plans and strategies for responding to important zoonotic diseases and has mechanisms like joint training programs and rapid response teams in place. However, coordinated action across sectors is still a work in progress. The main strengths include strategic documents, trainings, and multisectoral collaborations. Challenges are inadequate and delayed funding, workforce attrition, poor documentation, and security issues affecting response efforts.                                                                                                                                                                                              | <a href="#">Joint external evaluation of the International Health Regulations (2005) core capacities of Nigeria</a> <a href="#">Mission report, 14-18 August 2023</a>    |
| 2<br>(c)<br>Capacity for Pathogen Surveillance & Risk Assessment                            | D.2.1 Surveillance systems<br>D.2.2 Use of electronic tools<br>D.2.3 Analysis of surveillance data                                                                                                                                                                        | Nigeria has improved its surveillance system to better detect and respond to health threats. The NADIS (Animal Disease Information and Surveillance) Service monitors animal diseases, while the IDSR (Integrated Disease Surveillance and Response) strategy supports public health surveillance and aligns with WHO guidelines. However, further efforts are needed to strengthen local-level surveillance, integrate activities across sectors, and enhance system interoperability.                                                                                                                                                                                                                                                                                            | Nigeria CDC initiated the "Strategy & Implementation Strategy 2023-2027. Vision to Action" to Strengthen existing surveillance systems for timely detection, assessment, notification and reporting of priority diseases and conditions including public health events of international concern in line with the IHR                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Strategy &amp; Implementation Plan 2023-2027</a> <a href="#">Vision to Action</a>                                                                            |
| 2<br>(d)<br>Capacity for Community-Level Early Response                                     |                                                                                                                                                                                                                                                                           | Surveillance and Outbreak Response Management System ( <b>SORMAS</b> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                          |
| 2<br>(e)<br>Access to WASH                                                                  |                                                                                                                                                                                                                                                                           | National Open Defecation Roadmap 2025.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Access to Water, Sanitation, and Hygiene (WASH) in Nigeria faces a major crisis, with millions lacking basic services, leading to high disease rates, especially among children, prompting the government to declare a state of emergency and implement plans like the National Open Defecation Roadmap 2025, with ongoing efforts involving international partners (UNICEF, World Bank) and local initiatives to improve infrastructure, funding, and community participation, particularly in rural areas.                                                                                                                                                                                 | <a href="#">Making Nigeria open defecation free by 2025: A national road map</a>                                                                                         |
|                                                                                             |                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Significant portions of the population lack basic drinking water, improved sanitation, and handwashing facilities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <a href="#">Nigeria: Ensuring Water, Sanitation and Hygiene for All</a>                                                                                                  |
|                                                                                             |                                                                                                                                                                                                                                                                           | 11%<br>Access to basic water, sanitation and hygiene services                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Those living in rural areas have less access to basic WASH services compared to those in urban areas.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="#">National Outcome Routine Mapping of Water, Sanitation and Hygiene Service Levels, Nigeria</a>                                                                |
| 2<br>(f)<br>Routine Immunization Coverage                                                   | P.7.1 Vaccine coverage (measles) as part of national programme<br>P.7.2 National vaccine access and delivery                                                                                                                                                              | Nigeria faces a particularly alarming situation, with <b>over 2.2 million estimated zero-dose children</b> in 2021.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Nigeria's routine immunization coverage faces significant challenges, with large numbers of zero-dose children, though coverage has improved from past lows (e.g., <b>76.4% full immunization in 2021</b> ) with notable regional disparities, particularly <b>lower rates in the North</b> , influenced by factors like maternal education, wealth, and access, while the government collaborates with partners on campaigns like the "Big Catch-up" to boost uptake. Key challenges include reaching marginalized areas, weak cold chains, and sociocultural barriers, with efforts focusing on data-driven strategies to <b>increase coverage to 80% for zero-dose children by 2028</b> . | <a href="#">Trends and predictors of full immunization coverage in Nigeria</a>                                                                                           |
|                                                                                             |                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Breaking barriers, building bridges: the collaborative effort to reach every child in Nigeria</a>                                                            |
| 2<br>(g)<br>Capacity for Medical Waste Management                                           |                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Nigeria's medical waste management (MWM) capacity is generally poor and fragmented, characterized by inadequate infrastructure (especially at primary levels), lack of proper segregation, reliance on unsafe disposal methods (burning/burying with municipal waste), insufficient funding, poor staff training, and weak enforcement, despite the Federal Ministry of Health's guidelines and policies. While tertiary facilities show better incineration capacity, significant gaps exist across the system, posing serious health and environmental risks.                                                                                                                              | <a href="#">Assessment of healthcare facilities location and medical waste generation and handling in Nigeria</a>                                                        |
| 2<br>(h)<br>Capacity for Vector-Borne Disease Surveillance                                  |                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | The Surveillance Outbreak Response Management and Analysis Systems (SORMAS) is the primary digital platform used by the Nigeria Centre for Disease Control and Prevention (NCDC) for implementing IDSR and improving data management.                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="#">Infectious Diseases Surveillance System in Nigeria: Lesson From COVID-19 Pandemic</a>                                                                        |

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| 2 (i) | Capacity for Biosafety & Biosecurity Management                                                                                                                       | P.6.1 Whole-of-government biosafety and biosecurity system in place for all sectors (including human, animal and agriculture facilities)<br>P.6.2 Biosafety and biosecurity training and practices in all relevant sectors (including human, animal and agriculture)                                                           |                                                                                                                                                                                                                                                                                                 | Nigeria has national legislation and policies in place for biosafety and biosecurity, including emergency response strategies and guidelines. The country is developing laws to prohibit chemical and biological weapons and has introduced a university biosafety curriculum. Biosafety training occurs in facilities handling dangerous agents, with some using standardized procedures and audits. However, Nigeria lacks a national system for overseeing dual-use research, coordinated pathogen inventory management, and cross-sector biorisk training under the One Health approach.                                                                                                                                                                                                                                    | <a href="#">Joint external evaluation of the International Health Regulations (2005) core capacities of Nigeria – Mission report, 14-18 August 2023</a>                                                                                                                                                                                                                                                                                     |
| 2 (j) | Capacity to Combat AMR                                                                                                                                                | P3.1 Effective multisectoral coordination on AMR<br>P3.2 Surveillance of AMR<br>P3.3 Infection prevention and control<br>P3.4 Optimise use of antimicrobial medicines in human and animal health and agriculture                                                                                                               | Nigeria is number 19 of 204 countries with the highest age-standardised mortality rate per 100,000 population associated with AMR.                                                                                                                                                              | Nigeria has made progress addressing antimicrobial resistance (AMR) through its National Action Plan and collaborative efforts among sectors (One Health approach). Key strengths include strong national leadership and pilot projects at the state level. However, challenges remain in fully implementing policies at the local level, promoting responsible antimicrobial use, and monitoring progress. Strengthening workforce capacity, public education, and data systems are needed to improve AMR management nationwide.                                                                                                                                                                                                                                                                                               | <a href="#">Joint external evaluation of the International Health Regulations (2005) core capacities of Nigeria – Mission report, 14-18 August 2023</a><br><br><a href="#">One Health ANTIMICROBIAL RESISTANCE National Action Plan 2.0 2024 2028</a>                                                                                                                                                                                       |
|       | Broader Coordination, Capacity Building and Implementation Support                                                                                                    |                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|       | Article 5: One Health approach for PPPR                                                                                                                               |                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 1     | Promotion of a One Health Approach                                                                                                                                    | P4.1 Coordinated surveillance systems in place in the animal health and public health sectors for zoonotic diseases/pathogens identified as joint priorities<br>P4.2 Mechanisms for responding to infectious and potential zoonotic diseases established and functional                                                        |                                                                                                                                                                                                                                                                                                 | Nigeria formally embraces a One Health approach at the federal level and has taken concrete steps to promote coordination across human, animal and environmental sectors. The Nigeria Centre for Disease Control (NCDC) has a National One Health Strategic Plan and convenes national One Health events (e.g., the 2022 Nigeria One Health Conference) that bring together Ministries of Health, Agriculture/Livestock/Veterinary Services, Environment, academia and development partners.                                                                                                                                                                                                                                                                                                                                    | <a href="#">Nigeria One-health Conference 2022: A Call to Action Towards Building a One Health Community-based Networks</a>                                                                                                                                                                                                                                                                                                                 |
| 2     | Addressing Drivers of Pandemics                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                 | Nigeria has a fully functional national public health institute which coordinates all public health emergency and preparedness activities. This has helped with the implementation of preparedness and response strategies through the strategic plan which serves as a guidance document. Coordination, though smooth at the national and international stakeholder level, remains a challenge at the lower levels (states and LGAs). Again, implementation of the One Health Approach in dealing with public health events remains a challenge.                                                                                                                                                                                                                                                                               | <a href="#">Capacity assessment of Nigeria for health emergencies preparedness and response</a>                                                                                                                                                                                                                                                                                                                                             |
|       | Article 6: Preparedness, readiness and health system resilience                                                                                                       |                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 6.1   | Capacity to develop and strengthen <b>Resilient Health System</b> (maintaining equitable access to essential health services during a crisis, post-pandemic recovery) |                                                                                                                                                                                                                                                                                                                                | <b>Nigeria Health Sector Renewal Investment Initiative (NHSRII)</b> a federal governments's plan to develop "resilient" and "inclusive" health system                                                                                                                                           | Nigeria has a nationally defined package of essential or critical health services. However, there are no strategic or operational plans or guidelines available that detail the mechanism for the continuity of EHS during times of emergency. (JEE, 2023)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">FG: Reaffirms Commitment to Inclusive Health System in Nigeria</a>                                                                                                                                                                                                                                                                                                                                                              |
| 6.2   | Risk Communication Capacity                                                                                                                                           | R.5.1 Risk communication systems for unusual/ unexpected events and emergencies R.5.2 Internal and partner coordination for emergency risk communication R.5.3 Public communication for emergencies R.5.4 Communication engagement with affected communities R.5.5 Addressing perceptions, risky behaviours and misinformation |                                                                                                                                                                                                                                                                                                 | The NCDC developed a formal risk-communication framework: their "RCCE Strategy for COVID-19 Prevention and Control in Nigeria" outlines a structure with five pillars: (1) risk-communication systems; (2) internal & partner coordination; (3) public communication; (4) communication & engagement with households/communities; and (5) dynamic listening and rumor management.<br>For non-literate and rural populations, NCDC used context-appropriate media. For example: in South-West Nigeria, public-health messages (on COVID-19) were disseminated via local-language jingles (e.g. in Yoruba) and flyers — an approach targeted at low-literacy audiences.<br><br>Gaps/challenges: weak coordination & fragmentation; inequitable reach of public communication; Misinformation, "Infodemic," and social-media risks | <a href="#">Risk Communication and Community Engagement Strategy COVID-19 Prevention and Control in Nigeria</a><br><br><a href="#">Nigeria Centre for Disease Control awareness creation and risk communication of Covid-19 pandemic amongst non-literate population in South-West Nigeria: Lessons for future health campaign</a><br><br><a href="#">Risk communication during health emergencies in Nigeria: What are its challenges?</a> |
|       |                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                 | Nigeria has created strong <b>national systems for risk communication and community engagement (RCCE) during health emergencies</b> . The country has updated its guidelines using lessons from the COVID-19 pandemic and has integrated communication strategies at all levels. However, there is still a need to further strengthen RCCE resources and functions at the local level to ensure timely and accurate information during public health events                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Joint external evaluation of the International Health Regulations (2005) core capacities of Nigeria – Mission report, 14-18 August 2023</a>                                                                                                                                                                                                                                                                                     |
| 6.3   | Capacity of Public Health Laboratories                                                                                                                                | D.1.1 Laboratory testing for detection of priority diseases<br>D.1.2 Specimen referral and transport system<br>D.1.3 Effective national diagnostic network<br>D.1.4 Laboratory quality system                                                                                                                                  |                                                                                                                                                                                                                                                                                                 | Nigeria conducts comprehensive disease testing across a network of public, clinical, animal, and research labs. Some are internationally accredited, while others are progressing towards accreditation. Results are typically delivered within 3–7 days. Laboratory data reporting includes demographics and socioeconomic information. Lab staff are equipped with PPE and appropriate training. While there's a national supply tracking system, data sharing between human and animal health labs and sustainable sample transport systems require significant improvement.                                                                                                                                                                                                                                                 | <a href="#">Joint external evaluation of the International Health Regulations (2005) core capacities of Nigeria – Mission report, 14-18 August 2023</a>                                                                                                                                                                                                                                                                                     |
|       | Development and Maintenance of National Health Information Systems                                                                                                    |                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 6.4   | Monitoring and Assessment of Preparedness Capacities                                                                                                                  | R.1.1 Strategic emergency risk assessments conducted and emergency resources identified and mapped<br>R.1.2 National multisectoral multi-hazard emergency preparedness measures, including emergency response plans, are developed, implemented and tested                                                                     | Nigeria has in place a multi-hazard risk assessment, updated in the last year as well as risk assessments and mobilization plans for priority diseases.<br>The permanent designated <b>Public health emergency operations centre (PHEOC)</b> facility has been occupied and in use continuously | The report, titled "The SBM Health Preparedness Index 2025" has revealed that Nigeria's health system remains critically fragile five years after the COVID-19 pandemic, with no state scoring even 30 per cent preparedness.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Five Years after COVID-19, Nigeria Still Unprepared for Health Crisis, Says Report</a><br><br><a href="#">Joint external evaluation of the International Health Regulations (2005) core capacities of Nigeria – Mission report, 14-18 August 2023</a>                                                                                                                                                                           |
|       | Article 7: Health and care workforce                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                             |

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| 7.1                                                                                                                                  | Development of Domestic Health and Care Workforce                                                                           | D.4.2 Human resources are available to effectively implement IHR                                        |                                                                                                                                                                                                                                         | Between 2023 and now, over 37,000 health workers have been employed, and over 70,000 have received on-the-job training. Federal Ministry of Health & Social Welfare Federal Republic of Nigeria transforming 'brain drain' into 'brain gain' through diaspora engagement and retention incentives                                                                                                | <a href="#">EG: Reaffirms Commitment to Inclusive Health System in Nigeria</a>                                                                        |
| 7.2                                                                                                                                  | Health Worker Protection and Well-being                                                                                     |                                                                                                         |                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                       |
| 7.3                                                                                                                                  | Strengthening Multidisciplinary Emergency Health Teams                                                                      | R.4.2 System in place for activating and coordinating health personnel during a public health emergency | Well-developed plans are in place, and surge teams have been activated repeatedly from the national level to areas of response for the 23 events which the national PHEOC has responded to and for many more regional and local events. | •The Rapid Response Team Guidebook is in place to guide pre-deployment, deployment and postdeployment actions.<br>•National First Responders has been set up and is available for deployment during emergencies.                                                                                                                                                                                 | <a href="#">Joint external evaluation of the International Health Regulations (2005) core capacities of Nigeria Mission report, 14-18 August 2023</a> |
| 7.4                                                                                                                                  | Mitigating Workforce Migration Impact                                                                                       |                                                                                                         | In a decisive move to address the growing concerns over the migration of health professionals, the Nigerian government in 2024 approved a comprehensive " <b>National Health Workforce Migration Policy</b> ".                          | Training quotas for health institutions have been increased, and in-service training programmes are underway to boost workforce capacity.                                                                                                                                                                                                                                                        | <a href="#">WHO, UK Government, supports Nigeria in developing a strategic approach to managing health workforce migration</a>                        |
| 7.5                                                                                                                                  | Protection of Other Essential Workers                                                                                       |                                                                                                         |                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                       |
| <b>Article 8: Regulatory systems strengthening</b>                                                                                   |                                                                                                                             |                                                                                                         |                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                       |
| 8.1                                                                                                                                  | Strengthening National and Regional Regulatory Authorities of Pandemic-related Health Products                              |                                                                                                         | The National Agency for Food and Drug Administration and Control (NAFDAC) is the regulatory authority responsible for medicines, vaccines, medical devices, and other health products in Nigeria.                                       | NAFDAC retained WHO Maturity Level 3 status, indicating strong and stable regulatory capacity for medicines and vaccines following international standards.                                                                                                                                                                                                                                      | <a href="#">NAFDAC – PCN Retains WHO Maturity Level 3 (ML3) Status for Regulation of Medicines and Vaccines</a>                                       |
| 8.2                                                                                                                                  | Technical Capacity and Legal/ Administrative Framework                                                                      |                                                                                                         |                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                       |
| 8.3                                                                                                                                  | Public Availability of Regulatory Information                                                                               |                                                                                                         | NAFDAC is the main regulatory body and provides guidelines.                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                       |
| 8.4                                                                                                                                  | Adoption of Regulatory Reliance Mechanisms                                                                                  |                                                                                                         |                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                       |
| 8.5                                                                                                                                  | Regulatory Authorization for Developers                                                                                     |                                                                                                         |                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                       |
| 8.6                                                                                                                                  | Improving WHO Regulatory Processes                                                                                          |                                                                                                         |                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                       |
| 8.7                                                                                                                                  | Monitoring on Substandard and Falsified Products                                                                            |                                                                                                         |                                                                                                                                                                                                                                         | Nigeria has frameworks to identify and act on poor-quality products: NAFDAC recently revised national plans to counter substandard and falsified medical products, including early warning systems.                                                                                                                                                                                              |                                                                                                                                                       |
| 8.8                                                                                                                                  | International Cooperation and Capacity Building                                                                             |                                                                                                         |                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                       |
| <b>Article 9: Research and Development</b>                                                                                           |                                                                                                                             |                                                                                                         |                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                       |
| 9.1                                                                                                                                  | Research and Development Capacity                                                                                           |                                                                                                         | A National Research Agenda has been developed.                                                                                                                                                                                          | While the national research agenda exists, it is not tailored specifically for the needs of the NCDC and its PHEOC, and procedures for research and development are not yet regularized.                                                                                                                                                                                                         |                                                                                                                                                       |
| 9.2                                                                                                                                  | Capacity for Collaborative and Inclusive Research (investment, international partnerships, stakeholder participation, etc.) |                                                                                                         |                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                       |
| 9.3-4                                                                                                                                | Ethical and Equitable Clinical Trials during Public Health Emergencies                                                      |                                                                                                         |                                                                                                                                                                                                                                         | Nigeria has GUIDELINES FOR CONDUCT OF CLINICAL TRIALS DURING EMERGENCIES by NAFDAC (National Agency for Food and Drug Administration and Control).                                                                                                                                                                                                                                               | <a href="#">GUIDELINES FOR CONDUCT OF CLINICAL TRIALS DURING EMERGENCIES, 2024</a>                                                                    |
| 9.5                                                                                                                                  | Fair Access Provisions in Publicly Funded Research                                                                          |                                                                                                         |                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                       |
| <b>Article 10: Sustainable and Geographically Diversified Local Production</b>                                                       |                                                                                                                             |                                                                                                         |                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                       |
| 10                                                                                                                                   | Equitable Global Production Capacity                                                                                        |                                                                                                         |                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                       |
| 10                                                                                                                                   | Local Manufacturing Capacity for Medical Products                                                                           |                                                                                                         |                                                                                                                                                                                                                                         | The country has about 170 functional local pharmaceutical manufacturing facilities; however, around 70% of medical products in the market are imported, stifling local production and increasing the prevalence of substandard and falsified medical products in the                                                                                                                             | <a href="#">A case study on the ecosystem for local production of pharmaceuticals, vaccines, and biologicals The Nigeria context</a>                  |
| 10-3-5                                                                                                                               | Investment and Emergency Scale-Up Capacity                                                                                  |                                                                                                         |                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                       |
| <b>Article 11: Transfer of technology and cooperation on related know-how for the production of pandemic-related health products</b> |                                                                                                                             |                                                                                                         |                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                       |
| 11                                                                                                                                   | Facilitation of Technology and Know-How Transfer                                                                            |                                                                                                         |                                                                                                                                                                                                                                         | Nigeria is advancing on technology transfer with WHO training programs and enhanced partnerships between academia and industry. More work is needed to improve license transparency, make better use of WTO intellectual property options, strengthen negotiation skills with private sector rights holders, and reform legal systems to quickly and fairly share pandemic-related technologies. |                                                                                                                                                       |
| 11                                                                                                                                   | Status of Intellectual Property Rights related to Technology Transfer                                                       |                                                                                                         |                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                       |
| 11                                                                                                                                   | International Cooperation and Capacity-Building                                                                             |                                                                                                         |                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                       |

|        |                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                         |
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|        | <b>Article 12: Pathogen Access and Benefit-Sharing System PABS</b> (As of late 2025, the specifics of the PABS system are still being negotiated, with recent meetings focused on drafting the PABS annex and addressing issues like standard agreements, data sharing, and the specifics of benefit-sharing mechanisms.) |                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                         |
| 12     | PABS Capacity                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                         |
| 12-2-5 | Availability of the Legal, Ethical, and Operational Framework                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                         |
| 12-6-9 | Fair Access, Benefit-Sharing, and Capacity-Building During Emergencies                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                         |
|        | <b>Article 13: Supply chain and logistics</b>                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                         |
| 13     | The WHO SCL network is planned to be established in the future and is therefore not applicable                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                         |
|        | <b>Article 14: Procurement and distribution</b>                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                         |
| 14     | Transparency in Pandemic Procurement Agreements (publicly-funded purchases)                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                 | Nigeria's procurement and distribution during COVID-19 showed important engagement with global equitable access mechanisms (like COVAX) and efforts to strengthen distribution logistics. However, significant gaps remain in procurement transparency, especially contract disclosure, accountability frameworks, and public access to procurement details.                                                                                                                                 |                                                                                                                                                         |
|        | <b>Article 15: Whole-of-government and whole-of-society approaches</b>                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                         |
| 15     | Multisectoral / cross-government response structures during the pandemic                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                 | Nigeria has created structures for collaboration between public health and security sectors, including a national working group, protocols, and dedicated training programs. Simulation exercises have been conducted to improve preparedness for various emergencies. However, challenges remain, such as the need for validated joint investigation protocols, more regular and well-planned simulation exercises, better information sharing, and strategies to retain skilled personnel. | <a href="#">Joint external evaluation of the International Health Regulations (2005) core capacities of Nigeria - Mission report, 14-18 August 2023</a> |
|        |                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                 | Nigeria's National Public Health Multi-Hazard Emergency Preparedness & Response Plan (Dec 2020) highlights multisectoral coordination with NCDC, Federal Ministry of Health and other MDAs, and sets up the National Emergency Operations Centre and related coordination mechanisms                                                                                                                                                                                                         | <a href="#">National Public Health Multi-Hazard Emergency Preparedness &amp; Response Plan (Dec 2020)</a>                                               |
| 15     | Public awareness and population-level communication                                                                                                                                                                                                                                                                       | The country has established RCCE structures at various levels, including state, local government authorities and community levels to ensure efficient communication dissemination and response coordination. Through this, the communities are actively involved in emergency response efforts, enhancing the effectiveness of response initiatives and ensuring community-relevant strategies. | Nigeria has effective risk communication plans integrated with emergency management, ensuring accurate and consistent public health messaging. Trained officials and strategies manage information dissemination and combat misinformation. By analyzing social media trends and conducting community listening, Nigeria identifies public concerns and adjusts health communications accordingly.                                                                                           | <a href="#">Joint external evaluation of the International Health Regulations (2005) core capacities of Nigeria - Mission report, 14-18 August 2024</a> |
| 15     | Planning during peacetime & preparedness efforts                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                         |
|        | <b>Article 16: Communication and public awareness</b>                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                         |
| 16     | Public Health and Pandemic Literacy                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Risk Communication and Community Engagement Strategy COVID-19 Prevention and Control in Nigeria</a>                                         |
| 16     | Research on Public Trust and Compliance                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                         |
|        | <b>Article 17: International cooperation and support for implementation</b>                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                         |
| 17     | Capacity Strengthening through Global Collaboration                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                 | Nigeria welcomes and supports WHO Pandemic Agreement and cooperates in the key aspects, such as emphasis on equity, one health approach, and capacity building.                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                         |
| 17     | Support for Developing Countries                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                 | Nigeria collaborates with numerous international partners and countries to enhance its health sector, which directly supports the implementation of the capacities outlined in the Pandemic Agreement. Main supporters are but not limited to: WHO, US, UK, Japan, Global Fund to Fight AIDS, and UN                                                                                                                                                                                         |                                                                                                                                                         |
| 17     | Coordination Across Frameworks                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                         |
|        | <b>Article 18: Sustainable financing</b>                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                         |
| 37     | Percentage of Health Expenditure by Country                                                                                                                                                                                                                                                                               | 4.27% of the GDP in 2022                                                                                                                                                                                                                                                                                                                                                                        | Nigeria spends less on health as a share of gross domestic product (GDP) which is below than global benchmark of 5%.                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Current health expenditure (% of GDP) - Nigeria</a>                                                                                         |
| 38     | Proportion of Health Expenditures Dedicated to Health Emergency Response                                                                                                                                                                                                                                                  | P.1.2 Financing is available for the implementation of IHR capacities                                                                                                                                                                                                                                                                                                                           | Despite some attempts to estimate needs, statutory budget allocations to key MDAs are still not enough, and state-level funding for IHR remains insufficient. While the NCDC BHCPF gateway allocates 20% of funds to emergency response, Nigeria still depends heavily on external partners for health care.                                                                                                                                                                                 | <a href="#">Joint external evaluation of the International Health Regulations (2005) core capacities of Nigeria - Mission report, 14-18 August 2023</a> |

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| 39 Amount of Funding Received for Health Crisis Response |  |  | <p>US \$3.4 billion in emergency financial assistance approved by the International Monetary Fund (IMF) under the Rapid Financing Instrument to address the economic and health impact of COVID-19 in April 2020. This was aimed at helping Nigeria manage the pandemic shock and related fiscal pressures. This loan was fully repaid by April 2025.</p> <p>Nigeria received financial aid during COVID-19 pandemic from various countries (mainly: USA, UK, Japan, Sweden, etc.) and organizations</p> | <p><a href="#">IMF Executive Board Approves US\$ 3.4 Billion in Emergency Support to Nigeria to address the COVID-19 Pandemic</a></p> |
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