



DRASA
Health Trust

2021 Annual Report



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Abbreviations

AMR: Antimicrobial Resistance

CICAPS: Centre for Infection Control and Patient Safety

DRASA: Dr. Ameyo Stella Adadevoh

FCT: Federal Capital Territory

GHD: Global Handwashing Day

HCW: Health Care Workers

IPC: Infection Prevention and Control

IRPHEN+: Integrated Response to Public Health Emergencies in Nigeria

LGA: Local Government Area

NCDC: Nigeria Centre for Disease Control

NSIC: Nigerian Society for Infection Control

SIMEX: Simulation Exercise

TTX: Table Top Simulation Exercise

WAAW: World Antimicrobial Awareness Week

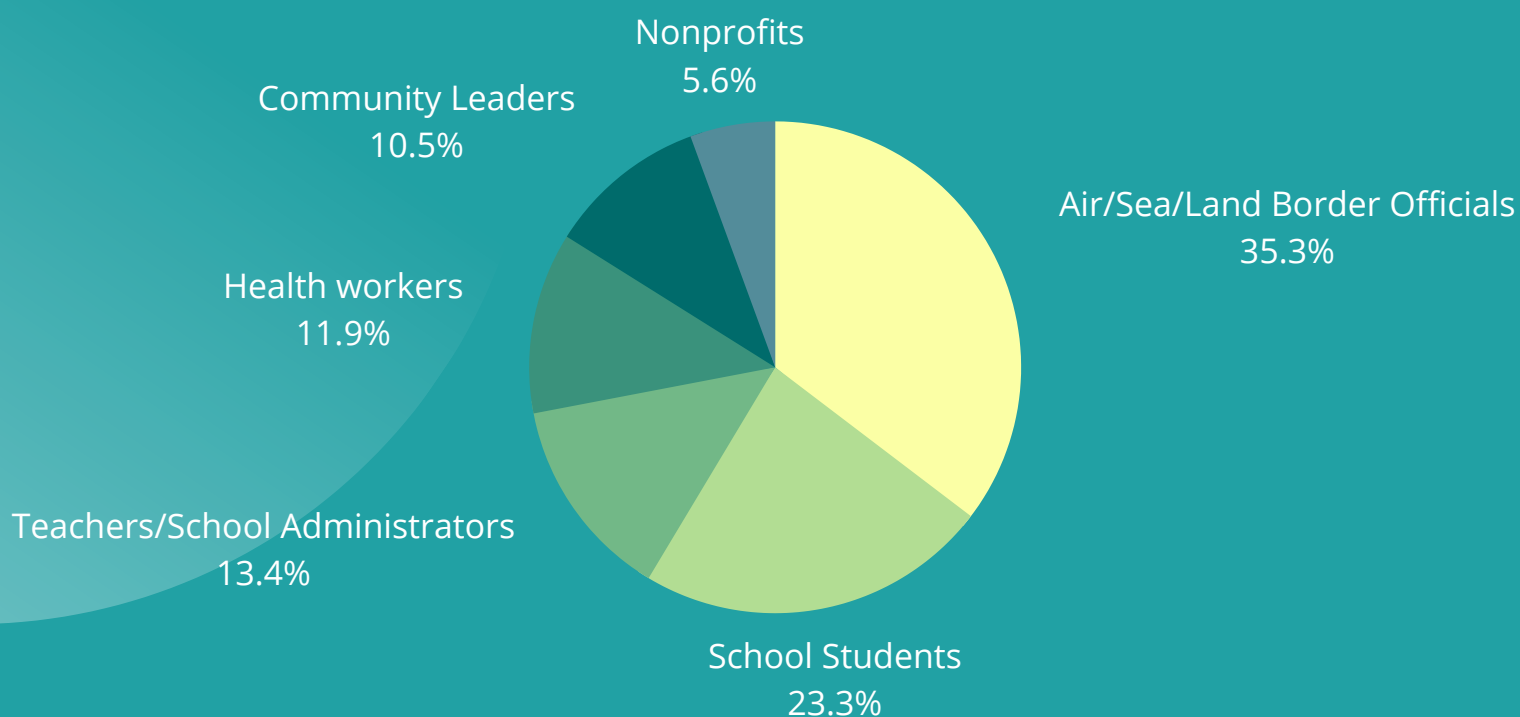
WASH: Water Sanitation and Hygiene

WHHD: World Hand Hygiene Day

WHO: World Health Organization

2021 At A Glance

Direct beneficiaries:



2,860

Total number of direct beneficiaries trained and educated



10

Total number of entry points (airports, seaports, land borders) supported



18,619

Total items of personal protective equipment (PPE) distributed across 2 states



3

Total number of health facilities assessed for Infection Prevention and Control



341

Number of health workers trained on Infection Prevention and Control



3

Major events hosted within key programmatic areas



4

Awards, features and recognitions received



32

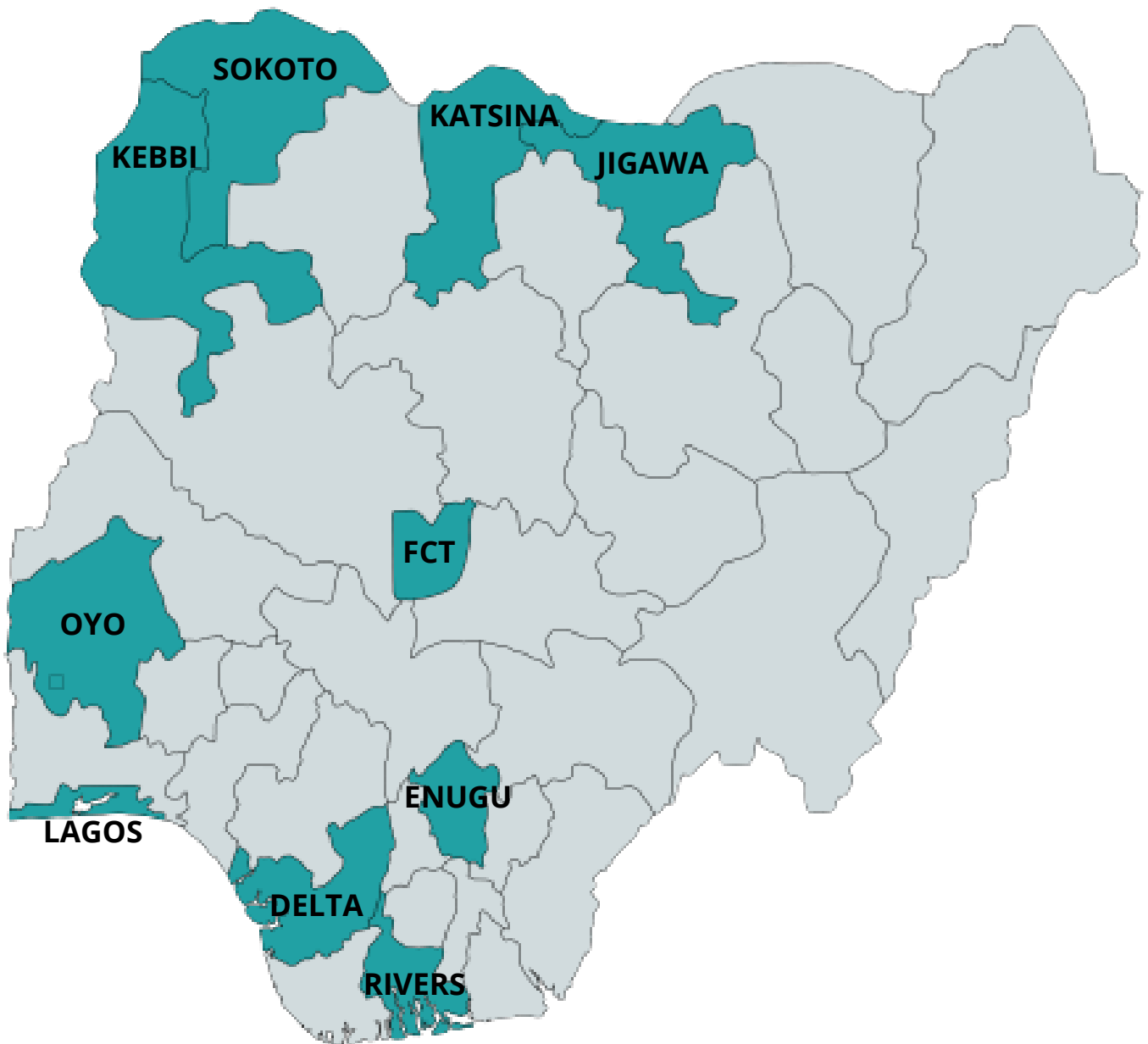
Number of hospital Chief Medical Directors engaged from 32 states



1,048

Number of teachers and school administrators engaged

Where We Worked in 2021



States in Nigeria reached with our health systems strengthening, education and outreach, and health security activities: Delta, Enugu, FCT, Jigawa, Katsina, Kebbi, Lagos, Oyo, Sokoto, and Rivers

Countries Reached Through Our Projects



Countries reached:
Democratic Republic of
the Congo, Cote d'Ivoire
, Ghana, Kenya, Nigeria,
Sierra Leone, South Africa,
Uganda and Zambia

**Other countries reached outside Africa
include the United Kingdom and Malaysia*



Director's Statement

This year, the world continued to deal with unprecedented challenges brought on by the COVID-19 pandemic.

Despite the availability of vaccines, various therapies to support infections, widespread public awareness of the necessary precautions, and measures to stay safe, there was continued transmission of the virus worldwide. In Nigeria, though the number of cases detected daily reduced, the virus was still very present within our borders. Coupled with the uncertain threat of new variants of the virus which continue to spread globally, we had to remain vigilant.

In 2021, we continued our COVID-19 training and consulting for public and private sector entities across industries including legal, hospitality, education, oil and gas, and nonprofits. These engagements were focused on the reopening of offices, the resumption of work and safe operations for their beneficiaries. However, we also restarted several of our flagship programs which had been put on hold due to the pandemic including our activities with teachers and school students, health workers, air/sea/land border officers, and community leaders.

Collectively the world has reached a stage in the pandemic where we must continue normal life and activities, including working and serving in our communities, but with a focus on staying safe and healthy while doing so. We are proud to be able to contribute to this and we are so grateful to all our partners and donors who continue to support our mission to protect public health.

As the uncertainties persist, we remain committed to building resilience in Nigeria's health system while honoring Dr. Adadevoh's legacy and saving lives.

A handwritten signature in black ink that reads "Niniola Williams".

NINIOLA WILLIAMS
MANAGING DIRECTOR, DRASA HEALTH TRUST

About DRASA Health Trust

Dr. Ameyo Stella Adadevoh (DRASA) Health Trust is a public health nonprofit organization working to keep people healthy and safe. From education and awareness programs in low-resource communities, to training students and health professionals, to developing policies and guidelines, to securing our borders and entry points, DRASA works with the government, local and international partners, and communities to improve health across the country.

Named after a courageous heroine Dr. Ameyo Stella Adadevoh, who died after diagnosing and containing the first case of Ebola in Nigeria, we work to build a strong and resilient health system that is accessible to all, prepared to handle emergencies, and able to provide quality care and save lives. DRASA was founded because one person's actions in one city were enough to protect and save millions of lives so we believe investing in individuals and establishing a large network of skilled health champions and ambassadors will transform the nation's health. Thus, our work involves using a people-centered, multi-stakeholder approach to address gaps and build resilience in the health system while honoring Dr. Adadevoh's legacy of protecting public health and saving lives.



Mission

To promote safe water, hygiene and sanitation; advance infection prevention and control; and strengthen health security and emergency preparedness



Vision

A healthy society supported by a strong health system that is equipped to prevent, detect, and contain public health threats



Values

Integrity, Excellence, Teamwork, Passion



2021 Goals

- Continue our COVID-19 response activities
- Expand our geographic reach to serve new areas
- Restart pre-pandemic project and programs



What Our Partners Say

“ On behalf of the FCT Administration, I will like to convey our deep sense of appreciation to the Management of DRASA Health Trust for their interest to provide critical service under the pandemic. Thank you. ”

Abdulrazaq O. Leraimoh
Acting Secretary/Director Administration and Finance
Federal Capital Territory (FCT) Education Secretariat

Timeline

Program Activities In 2021

FEBRUARY

CICAPS Basic IPC Diploma Course for 35 Health Professionals
COVID-19 Program for 332 Schools in Oyo and FCT
Health Security Assessment of 1 Referral Hospital

APRIL

COVID-19 Program for 332 Schools in Oyo and FCT
IPC Assessment of 1 Specialist Health Center

JUNE

IRPHEN+21 Health Security Project in 8 States
Orange Network IPC SOP Development Workshop
NCDC National IPC Manual Development and Validation

AUGUST

CICAPS Intermediate IPC Diploma Course for 32 Health Professionals
IRPHEN+21 Health Security Project in 8 States
Safety and Prevention Training for 129 Nonprofits
NCDC National IPC Manual Development and Validation

OCTOBER

CICAPS Basic IPC Diploma Course for 28 Health Professionals
IRPHEN+21 Health Security Project in 8 States
IPC Course for 92 NCDC Change Agents
Safety and Prevention Training for 129 Nonprofits
Global Handwashing Day School Program for 263 students
Lagos State IPC Guideline Development Workshop
Future Summit - Virtual Site Visit

DECEMBER

Medical Outreach for 294 Community Members
CICAPS IPC Diploma Course for Health Professionals Retreat
Visit from WHO AFRO and WHO Nigeria to DRASA in Lagos

JANUARY

CICAPS Basic IPC Diploma Course for 35 Health Professionals
COVID-19 Program for 332 Schools in Oyo and FCT
Inspection of 1 COVID-19 Isolation/Treatment Center in Lagos
NCDC National IPC Policy Review (*ongoing through 2021*)

MARCH

COVID-19 Program for 332 Schools in Oyo and FCT
Health Security Assessment of 1 International Airport
Training for 16 Oxygen Center Health Workers
NCDC National AMR/IPC Technical Working Group Retreat

MAY

COVID-19 Program for 332 Schools in Oyo and FCT
World Hand Hygiene Day Program for 353 Primary School Students
World Hand Hygiene Day Program for 91 Health Workers
Health Security/IPC Training for 30 Isolation Center Personnel
IRPHEN+21 Health Security Project in 8 States
WHO AFRO Facebook Live Session with DRASA Ambassador
Apapa Seaport Health Emergency Simulation Exercise

JULY

CICAPS Intermediate IPC Diploma Course for 32 Health Professionals
NCDC Orange Network IPC Training Session for 32 Health Facilities
IRPHEN+21 Health Security Project in 8 States
President's Award for Public Advocacy in Infectious Disease Prevention
NCDC National IPC Manual Development and Validation

SEPTEMBER

CICAPS Advanced IPC Diploma Course for 22 Health Professionals
CICAPS Basic IPC Diploma Course for 28 Health Professionals
IRPHEN+21 Health Security Project in 8 States
Safety and Prevention Training for 129 Nonprofits
NCDC National IPC Manual Development and Validation

NOVEMBER

IRPHEN+21 Health Security Project in 8 States
Safety and Prevention Training for 129 Nonprofits
World Antimicrobial Awareness Week: Spelling Bee Competition
NCDC IPC National Strategy Workshops



Our Programmatic Areas

Using specific intervention approaches such as training programs, simulation exercises, community education and outreach, policy development and review, and advocacy, we add value and deliver programs in these core public health areas:

- **Infection Prevention Control (IPC)**
- **Water Sanitation and Hygiene (WASH)**
- **Antimicrobial Resistance (AMR)**
- **Health Security and Epidemic Preparedness**





Infection Prevention and Control (IPC)

Identifying and stopping the spread of infections in health facilities and communities

DRASA continues to support the development of infection prevention professionals - currently a major gap in Nigeria's health sector - by training and equipping health personnel through hands-on IPC trainings and simulation exercises. As more professionals become beneficiaries of this training, we are committed to scaling it to meet the needs of more than 10,000 healthcare workers yearly by establishing Nigeria's first IPC Simulation Training Center. This is to ensure that we have a prepared public health workforce for future outbreaks, epidemics and pandemics.



Water Sanitation and Hygiene (WASH)

Ensuring access to clean, safe water, hygiene education and adequate sanitation facilities

Lives are saved and preventable illnesses are reduced when people are given consistent access to safe water, adequate sanitation, and good hygiene education. These fundamental human rights are required for health and well-being and further, inadequate WASH conditions promote the spread of infectious diseases such as cholera, typhoid and malaria. DRASA is implementing education and advocacy programs for improved WASH infrastructure and environments in schools, health facilities and communities around the country.





Antimicrobial Resistance (AMR)

Reducing the spread of resistant germs and ensuring proper use of effective medications to treat diseases

With AMR persisting as a global threat and an ongoing silent pandemic, our work at DRASA is to curb its spread through awareness, training, behavioral change programs for youth. These programs seek to develop our future leaders and antimicrobial consumers to become champions and ambassadors in the fight against AMR. We are also part of the national AMR Technical Working Group to implement Nigeria's National Action Plan on Antimicrobial Resistance at the national and sub-national levels.

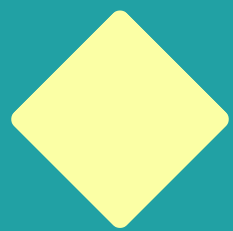


Health Security and Epidemic Preparedness

Building a strong and resilient health system that is ready and able to respond to public health emergencies

With high levels of trade and travel within and across our borders, Nigeria faces the constant threat of infectious disease and biosecurity agents which can pass through our already porous and vulnerable borders as clearly demonstrated by the 2014 Ebola outbreak and the COVID-19 pandemic. Without strong preparedness systems and measures in place, this could be disastrous. DRASA has been working at land borders, airports and seaports around the country to develop systems to detect and contain public health emergencies in these locations.





Spotlight Stories



**Highlights from some of our 2021
programs and projects**

HEALTH EMERGENCIES: SECURING 10 POINTS OF ENTRY

- Developed 10 public health emergency plans with air, sea and land border officials and communities in 8 states
- Established 10 health emergency management teams
- Conducted 10 simulation exercises to assess their preparedness to detect and manage health emergencies

The COVID-19 pandemic affected lives, trade, travel, tourism, and economies worldwide, exposing gaps in our levels of emergency preparedness and health security, especially at our vulnerable points of entry (POEs) - airports, seaports, and land borders.

As such, equipping stakeholders at these locations to quickly detect and contain imported/exported infectious diseases in passengers and cargo and to manage all other forms of public health emergencies such as fires, bombs, and chemical spills is essential for our safety as a nation.

This was the reason for the Integrated Response to Public Health Emergencies In Nigeria Plus (IRPHEN+) project which DRASA executed from May to November 2021 in partnership with ProHealth International (PHI).

To follow the collaborative work we completed between 2019 and 2020 at Apapa Seaport, Nigeria's largest port, DRASA was engaged in 2021 to provide a coordinated public health emergency response program for 10 other points of entry around the country. Thus, in 7 months, we led and facilitated the process of developing public health emergency management systems, structures, and teams who are responsible for preparing to detect and manage the response to any public health emergency or event at each of the 10 locations.

Using a people- and process-centered approach, we conducted 130 public health emergency plan development meetings, 42 advocacy meetings with stakeholders, 20 engagement meetings with point of entry communities, 16 emergency management team meetings, and 10 table top simulation exercises to strengthen health security activities in 2 international airports, 4 seaports, 4 ground crossings across Nigeria:

1. Akanu Ibiam International Airport, Enugu State
2. Delta Seaport, Warri, Delta State
3. Illela Ground Crossing, Sokoto State
4. Jibia-Kongolam Ground Crossing, Katsina State
5. Kamba Ground Crossing, Kebbi State
6. Maigatari Ground Crossing, Jigawa State
7. Onne Seaport, Rivers State
8. Port Harcourt International Airport, Rivers State
9. Rivers Port Complex/Port Harcourt Seaport, Rivers State
10. Tin Can Island Port, Lagos State



HEALTH EMERGENCIES: SECURING 10 POINTS OF ENTRY

We worked with numerous stakeholders at various points of the project implementation, which included startup and advocacy, emergency system development and testing, emergency plan adoption, and establishment of the health emergency management teams. These include:

- Nigeria Customs Service (NCS)
- Nigeria Immigration Services (NIS)
- Federal Aviation Authority of Nigeria (FAAN)
- Nigerian Civil Aviation Authority (NCAA)
- Nigerian Ports Authority (NPA)
- Department of State Services (DSS)
- Federal Road Safety Command (FRSC)
- Nigeria Police Force (NPF)
- National Agency for Food & Drug Administration and Control (NAFDAC)
- Nigerian Association of Road Transport Owners (NARTO)

- Nigeria Agricultural Quarantine Services
- National Drug Law Enforcement Agency (NDLEA)
- National Emergency Management Agency (NEMA)
- Nigerian Maritime Administration & Safety Agency (NIMASA)
- State Ministries of Health
- Referral Health Facilities
- Shipping Companies and Agents
- Airlines
- Community Leaders
- Religious Leaders

130 public health emergency plan development meetings, 42 stakeholder advocacy meetings, 20 engagement meetings with the point of entry communities, 16 emergency management team meetings and 10 table top simulation exercises (TTXs)

The public health emergency planning process also served as a diagnostic tool for exploring and uncovering issues and unique challenges at each point of entry such as relationships between key stakeholders, infrastructure and resource constraints, gaps in human resource capacity, emergency readiness and response, and more.

We now have a clear understanding of the barriers and opportunities that can either support or hinder the sustained adoption and use of the emergency systems and emergency management teams established at each location. Having developed an action plan to address these challenges, we look forward to continuing our support of these locations as we continue our health security work in 2022.



SUPPORTING SAFE SCHOOLS

With the COVID-19 pandemic came the need to urgently adjust our way of life and everyday, normal activities. Schools were greatly affected by the pandemic and lockdown period as learning activities either came to a halt or were adjusted to a virtual platform for those who are privileged enough to access their education using digital means.

School children, who do not just make up a large and active part of Nigeria's young population, but also have lots of interactions with peers, family members and older members of the communities, were a key population that needed support.

For us at DRASA, the best way to reach students in their large numbers was to engage and equip their teachers on health, safety, and infection prevention measures in their various schools through a tailored training program and customized resource-sharing.

Supported 357 teachers and administrators from 332 public and low-income primary and secondary schools in 2 states that were significantly impacted by COVID-19: Oyo state and Federal Capital Territory

With support from Aspire Coronation Trust (ACT) Foundation and partnership of the Ministries of Education, DRASA provided a program for schools on COVID-19 to increase knowledge and understanding of the virus, explore the key precautions necessary to prevent the spread in schools, share best practices on the management of COVID-19 exposures in schools, as well as provide a forum for school personnel and administrators to ask questions and air their concerns. Through this school training program, we were focused on supporting safe schools and school activities.



We first conducted a needs assessment of the existing COVID-19 precautions and level of preparedness in schools across the 2 locations, then we developed a customized curriculum and interactive training course suited to address the specific gaps we identified during the assessment phase.

PARTICIPANT FEEDBACK

"We are all wearing masks now. We rearranged the students' chairs to observe social distancing. The principal bought soap, sanitizer, and washing bowls to ensure we have what we need to wash our hands regularly."

Teacher

**Community Secondary School
Sawia, Oyo State**



We implemented the program for 352 administrators/staff from 332 schools (183 in FCT and 149 in Oyo) representing 19 local government areas (LGAs). The training was conducted in batches to allow for social distancing—3 batches in Oyo state and 2 batches in FCT. We provided these 332 schools with toolkits which included standard operating procedures, guidelines, resource materials, posters, emergency personal protective equipment and supplies to support them in their implementation of safe, healthy learning environments.



The final part of the program involved monitoring and assessing their post-training progress for 1 month. During this period, we got feedback from their experience implementing what they learned and identified any challenges so we could assist them in designing solutions. Our results included an aggregate change in knowledge among all participants of 74.5%.

PARTICIPANT FEEDBACK

"I was able to sensitize my principal, teachers and selected students. The students then taught other students in their classes. They are always accessible to me and they always ask me questions about COVID-19. I also taught them the 5 steps of handwashing and the symptoms of the virus. Some of my students have taught their parents some of these lessons and their community is getting more enlightened."

Teacher, Government Secondary School, Mabushi, FCT



DEVELOPING INFECTION CONTROL & PATIENT SAFETY PROFESSIONALS

63 health workers from 27 states in Nigeria were enrolled in the Diploma Course from January to November to become champions for safe, quality health care

In March 2021, the Centre for Infection Control and Patient Safety (CICAPS) was established at the College of Medicine, University of Lagos, to serve as a center of excellence for combating emerging and re-emerging infectious diseases, healthcare-associated infections, and antimicrobial resistance through research, training and partnerships. One core objective of CICAPS is to equip Nigeria's health workforce with relevant skills in infection prevention and control (IPC).

As a member of CICAPS, DRASA played a role in CICAPS' implementation of the National IPC curriculum through a hybrid online/in-person Diploma Course offered at the university throughout 2021.

The overarching goal of the Diploma Course is to build capacity in IPC in West Africa. Locally in Nigeria, our goal is to provide basic competency-based training that will ensure health professionals become IPC experts and practitioners, a cadre of the workforce which Nigeria's health care system is sorely lacking.

The vision is to have a network of certified IPC focal persons across the country who can ensure safe, quality healthcare for all and prevent the spread of infections. Through the Diploma Course, health workers can acquire relevant IPC skills at 3 levels: Basic Certificate, Intermediate Certificate and Advanced Diploma.



The National IPC curriculum was developed over 18 months using local content and context and was validated in 2018. The course content for the 3 levels includes the following:

Basic Level: Certificate (8 weeks)

Principles and fundamentals of infection control: this level provides participants with the basic foundation they need to become masters of identifying and preventing the spread of infections. During this level, we also teach participants how to produce alcohol-based hand rub (sanitizer) in their health facilities.

Intermediate Level: Certificate (8 weeks)

Specialized applications of IPC: this level provides deeper insight into how IPC should be applied in specific situations, especially those involving diseases and pathogens such as cholera and tuberculosis. We teach participants how to triage patients to identify those with the highest risk as well as how to establish and manage an IPC program in their health facility.

Advanced Level: Diploma (8 weeks)

Skills in leadership, management, adult learning, communication, advocacy, budgeting and research are all required to ensure a holistic approach to improving healthcare, reducing infections, and keeping patients and health workers safe.

Learning methods include practical hands-on sessions, games, site visits to public and private health facilities, lectures, videos and case scenarios' while assessments include exams, quizzes, assignments, group work and simulation exercises (SimEx).



PARTICIPANT FEEDBACK

"I've realized that IPC is not just about washing hands and wearing a mask. It goes far beyond that. Now I know that IPC starts from the gate of the hospital to the end of it. It involves structures in the hospital and all the personnel in the hospital. Everyone is supposed to be involved in IPC."

- Doctor, Jalingo, Taraba State



In January 2021, 35 healthworkers were accepted into the first CICAPS cohort. They included doctors, nurses, microbiologists, medical laboratory scientists, and epidemiologists representing 22 states in all 6 of Nigeria's geo-political zones.

Of these 35 health workers, 32 successfully progressed from the Basic to the Intermediate Course and then 22 progressed from the Intermediate course to earn their Advanced Diploma in IPC in September 2021. They are currently implementing all they have gained from this curriculum to make the health facilities and hospitals where they work safe places that deliver quality care.

The second cohort, which began in September 2021, consists of 28 healthcare workers who have completed the 8 week Basic IPC Diploma Course.

We look forward to training them through to the Advanced Level and welcoming a new cohort of prospective IPC practitioners in 2022 who can keep our country healthy and safe.



PARTICIPANT TESTIMONIAL

"I discovered that many of the things we've been doing, we've been doing without the scientific knowledge and foundation of infection control. And anything you are doing without that basic knowledge, you are bound to make so many mistakes because you are not equipped to do it in the appropriate way. That's what this course has given me, it has equipped me."

- Nurse, FCT



CELEBRATING WORLD ANTIMICROBIAL (AMR) AWARENESS WEEK

49 students and 6 teachers from 4 secondary schools in Lagos took part in our 2021 Spelling Bee Competition

To continue our AMR work with youth, we educated students and teachers from Lagos secondary schools on various AMR topics and engaged in understanding the global health challenge of AMR through a creative and fun platform: an inter-school spelling bee competition.

The event held on the 23rd of November 2021 at Sanya Senior Grammar School, Ijeshatedo, Lagos. The competition held in three stages (first, second and finale stages), with judges drawn from a set of interdisciplinary health experts.

The theme of the annual event which was to "Spread Awareness, Stop the Resistance" and the slogan "Antimicrobials: Handle with Care", were not just timely, but relevant to the school children who learned about antimicrobial awareness before and during the competition. The spelling bee competition covered common words concerned with antimicrobials, causes of AMR, prevention of AMR, infection prevention and control, vaccination, antimicrobial surveillance, research and rational use of antimicrobials. Each school presented 5 student competitors, with their peers supporting as attendees.

After a pre-competition round, there were 10 contenders for the first stage, which narrowed down to 5 for the second stage and then the top 3 for the finale stage. By the end of the competition, both participants and attendees understood more about proper use of antimicrobials, what antimicrobial resistance is and how to stop it, and the role they play in this silent pandemic. All spelling bee participants received certificates of participation and the top 3 winners received medals and prizes, while their schools received plaques.





◆ SECONDS SAVE LIVES: WORLD HAND HYGIENE DAY

In collaboration with the Nigeria Centre for Disease Control (NCDC), World Health Organization (WHO), Infection Control Africa Network (ICAN), and Nigerian Society for Infection Control (NSIC), DRASA contributed to the success of the 2021 World Hand Hygiene Day in Nigeria. The annual global health day centered on the theme "Seconds Save Lives", reminding everyone of the power of spending time to clean our hands. It was an opportunity to showcase the strong collaboration being built across the country through NCDC's National Infection Prevention and Control Program as DRASA was involved in three main activities on and around the day:

- Engaging school students
- Awareness event for healthcare workers
- Online social media campaign



WORLD HAND HYGIENE DAY: STUDENTS



353 primary school students and 10 teachers/school administrators educated on the importance of clean hands for health

During our school outreach event, DRASA and our partners educated primary school students at the University of Lagos Staff School, their teachers, and school administrators. Our goal was to promote hand hygiene habits among students using a “catch-them-young” approach, making hand hygiene a regular habit and lifestyle for these children who are the future of our nation. We taught them how to keep their hands clean using either liquid soap and clean running water or an alcohol-based hand sanitizer using presentations, interactive discussions, demonstrations, role play, and creative activities, to mention a few. We also composed and taught a song to help the students clean their hands for the required time: 20–30 seconds using sanitizer and 40–60 seconds using soap and water. We shared hand sanitizers and snacks among the students, who were excited to have fun while learning to keep their hands clean to stay healthy and prevent the spread of germs.



WORLD HAND HYGIENE DAY: HEALTH WORKERS

91 health workers trained on the importance of clean hands for quality healthcare and patient safety

Healthcare workers were not left out of our World Hand Hygiene Day activities. At the Lagos University Teaching Hospital (LUTH), healthcare workers from various departments raised their hands and signed pledges that they will use hand hygiene as a method to keep their patients and themselves safe from deadly infections.

The engagement was aimed at "Ensuring Effective Hand Hygiene at the Point of Care", by promoting improved hand hygiene practices (and therefore safer, quality health care) among health workers in LUTH, including facility managers, frontline health workers, and vaccinators.

Championed by the Infection Prevention and Control (IPC) team at LUTH, our event included educational activities on the WHO's 5 Moments of Hand Hygiene, effectiveness of hand hygiene, understanding infection transmission in healthcare settings, and demonstrations on proper handwashing techniques. The event also gave staff a platform to share their experiences, the challenges they face trying to clean their hands in their units/departments and possible solutions.

At the end of the event, the Chairman Medical Advisory Committee (hospital administrator), Prof. W.L. Adeyemo pledged to support patient safety and health worker safety in his facility by providing the resources and monitoring required for his staff to practice effective hand hygiene.

All participants received certificates of attendance as well as souvenirs such as customized face masks, customized clocks, hand sanitizers, wristbands, sanitizer dispensers, and t-shirts to help them continue to spread the message.



WORLD HAND HYGIENE DAY: ONLINE CAMPAIGN

82,200 social media impressions and 347 people completed online pledges to protect patients and health workers

Our online campaign ran through the entire week (May 4-7th) on social media and other platforms such as WhatsApp and Telegram, using relevant hashtags: #SecondsSaveLives, #TurnNigeriaOrange, #OneNationOnePlan, #CleanYourHands, #WorldHandHygieneDay, #CleanHandsSaveLives. To get everyone involved, we created an online frame where people could upload a picture of themselves and create their personal pledge (or word of honor) to practice and promote hand hygiene.

During this 4-day campaign, we recorded 82,200 impressions across four social platforms (Twitter, YouTube, Instagram, Facebook and LinkedIn) while 347 health professionals took our online pledge.

The campaign also involved sharing video insights from subject matter experts – Prof Folasade Ogunsola (Chair, Infection Control Africa Network/Director, Centre for Infection Control and Patient Safety, College of Medicine, University of Lagos), Dr. Tochi Okwor (Lead, Antimicrobial Resistance and Infection Prevention & Control, NCDC) and Dr. Abimbola Sowande (Chairman, Nigeria Society for Infection Control) – who shared their perspectives on how hand hygiene is essential for protecting public health through 2-minute videos. Our goal was to increase awareness of hand hygiene and share hand hygiene facts in a creative, relatable way.



Our experts provided answers to frequently asked questions from the public on the meaning of hand hygiene and its importance, discussed the state of hand hygiene in Africa and what needs to be done to amplify these efforts, as well as tips and personal stories on the impact of hand hygiene.

Along with the videos, we shared flyers and infographics with key messages in English, Yoruba, Igbo, Hausa and Nigerian Pidgin, to ensure no one was left behind.



ASSESSING EBOLA PREPAREDNESS IN LAGOS

In light of the new Ebola outbreaks which began in March 2021 in Guinea and Democratic Republic of Congo, there was an urgent need to assess the levels of preparedness of Lagos State's Murtala Muhammed International Airport and Mainland Hospital (formerly known as the Infectious Disease Hospital) to detect, contain, and treat any passengers suspected to have the deadly virus.

In the first week of March 2021, DRASA, as a member of the Infection Prevention and Control (IPC) Pillar of the Lagos State COVID-19 Emergency Operations Centre (EOC), held an IPC assessment visit to the international airport and Mainland Hospital Yaba - the official treatment facility for infectious diseases like Ebola in Lagos State.

At the airport, the 3 holding areas assessed include a temporary space for suspect cases identified on board a flight, an area to hold passengers seated near these suspect cases, and an area to examine and stabilize cases before their transfer to Mainland Hospital. At the hospital, we assessed the main wards for holding suspected and confirmed cases.

Both assessments evaluated the important elements of preventing and controlling infections such as ventilation, availability and use of safety and disinfecting materials, furniture and fittings, sanitation infrastructure, beds and accessories for patient care, personnel capacity, among others.

They also involved observing the current mode of operation, reviewing procedures, policies, signage, and instructions, as well as monitoring ongoing screening activities like temperature checks.

During the assessment we were able to further educate the airport and hospital staff on the key measures they need to take as well as the infrastructure adjustments that are required, and we successfully submitted our recommendations to strengthen preparedness in both locations as a means of securing the health of the state.





TRAINING NONPROFITS ON COVID-19 SAFETY AND PREVENTION

159 staff from 129 nonprofit organizations in 10 countries were trained and supported on COVID-19 safety in their workplaces and communities

The social sector – nonprofits, non-governmental organizations and social enterprises – has played a huge role in supporting society through the pandemic. Many nonprofits had to temporarily suspend or adjust their programs to focus on COVID-19 and as they return to their normal programs, initiatives and operations, there is a need to ensure that their staff are well equipped with the knowledge, skills and tools required to protect themselves. For this reason, between August and November, DRASA was supported by Aspire Coronation Trust (ACT) Foundation to develop and implement a customized training program for nonprofits that would give them the knowledge and skills they need to stay safe and prevent the spread of the virus while doing the important work they do in communities across the continent. Our goal was to help them adopt essential public health measures and protect their workers, clients/customers and communities.

The 3-day virtual training program held in 2 batches with participants from Democratic Republic of the Congo, Ghana, Kenya, Malaysia, Nigeria, Sierra Leone, South Africa, Uganda, UK and Zambia. They learned how to continue their day-to-day operations in a healthy manner and how to adopt essential public health measures that protect themselves, workers, clients/customers and their communities. Topics covered included an understanding of the COVID-19 virus, precautions to prevent transmission, and the management of COVID-19 exposures in workplaces. It also covered treatments and vaccines, hand hygiene, proper use of masks, screening, isolation/evacuation, cleaning and disinfection, risk assessment/mitigation planning, work environment/workplace precautions, community outreach precautions, managing COVID-19 exposures, and more.

Participants were tested, given homework assignments during each training session and assessed to ensure they immediately applied the knowledge to their organizations and unique operations and could share their progress with the larger group.

At the end of the training, participants' knowledge on the virus, how it spreads, vaccination and safety measures to put in place to promote a healthy environment, increased by 54.6%. Participants also received one month of remote consulting support from DRASA to address questions, issues or challenges they faced in implementing the strategies learned.

SIMULATING A PUBLIC HEALTH EMERGENCY AT APAPA SEAPORT

From December 2019 to July 2020, we began our work of ensuring health security at our points of entry through our partnership with ProHealth International (PHI). During that time, DRASA worked with stakeholders at the largest seaport in Nigeria - Apapa Seaport in Lagos - to develop a system and structure for detecting and managing public health emergencies aboard a vessel or on ground in the port including infectious disease outbreaks, explosions, fires, and chemical spills. Apapa is the largest seaport in the country and it plays an important role in our nation's economy.

In 2021, we wanted to continue our support in Apapa and ensure the full involvement and cooperation of all stakeholders needed to make the public health emergency management system work. So alongside PHI and the United States Centers for Disease Control (US CDC), we held a Table Top Simulation Exercise (TTX) for 30 people who comprise the public health emergency management team we established in 2020. Our goal was to test their ability to use the Public Health Emergency Contingency Plan (PHECP), which we supported them to develop from 2019 - 2020, to properly respond to a simulated emergency situation.

We presented the emergency management team - comprised of officials from Port Health Services, Nigeria Immigration Service, Nigerian Ports Authority, Fire Services, Marine Pollution, terminal operators, shipping agents and others - with 2 scenarios of 2 potential outbreaks on vessels that were approaching the port. This helped us identify and test communications pathways and levels of collaboration between agencies responsible for responding to public health emergencies, coordination of illness response procedures, and ability to abide by the agreed emergency response and management structures.



At the end of the simulation exercise, the strengths and emergency management capacities that had been built over time were clearly demonstrated, as were some gaps and areas for improvement. We documented the lessons learned, which involved various areas such as the movement of suspected cases from the vessel, and easy access to the contact information for all agencies involved.

Next steps include retraining and provision of crucial resources to continue to keep the Apapa Seaport, its environs and the country safe.



CELEBRATING GLOBAL HANDWASHING DAY: SCHOOL OUTREACH

263 students and 10 teachers from 2 public schools in Lagos benefited from our outreach event

Our annual Global Handwashing Day celebration continued in 2021 with a one-day outreach to 2 public secondary schools in Lagos.

Knowing the crucial role handwashing plays in forestalling preventable diseases, our goal this year - alongside our partners Ikeja Electric and Kleanmate - was to engage some of our most active citizens, secondary school children, on the importance of regular and proper handwashing.

We visited and engaged with 263 students from 2 schools, Okota Junior High School (98 students) and Okota Senior High School (165 students), on the 15th of October, 2021. Also involved in these activities were 10 members of staff (teachers and school administrators) from the 2 schools.

At the end of this event, students understood how germs spread, had received practical demonstration on why, how, and when to wash their hands using standard technique for proper handwashing (using liquid soap and clean running water to wash their hands for at least 40 seconds and using alcohol-based sanitizer for at least 20 seconds), and were able to improve their technique by paying attention to all the important areas of their hands.

They were also quizzed on the facts and information shared during the event and the 10 students who answered correctly received prizes while both schools received a donation of handwashing resources: 2 cartons of liquid handwashing soap, 4 veronica buckets and 4 regular buckets all to encourage them to practice what they learned.





Awards & Features

- ◆ Some of our celebrated work and achievements in 2021

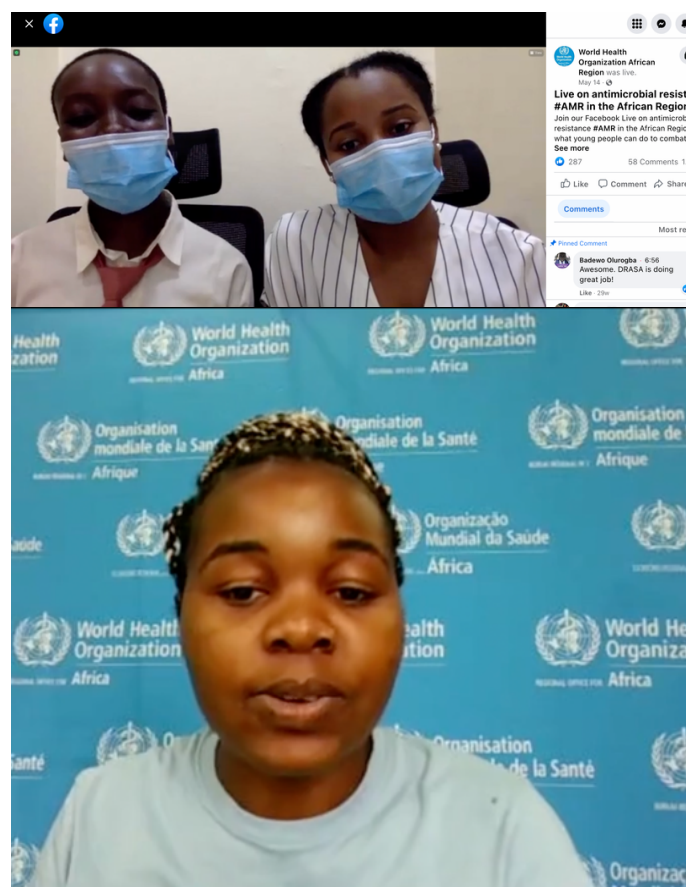
DRASA Awards and Features

WHO Africa: Facebook Live Session with DRASA Youth Ambassador

As part of World Health Organization's (WHO) efforts to create targeted awareness on AMR in the African region, DRASA joined the WHO Africa Regional Office for a 30-minute Facebook Live session on the 14th of May, where Goodness Adebayo - one of our DRASA Ambassadors (a member of our secondary school Health and Hygiene Clubs) - was featured.

She shared lessons from what she had learned from the DRASA Health and Hygiene Club in her school and how more young people can combat the global threat of AMR by getting involved and educating others in their homes, schools, and communities.

Our collaboration with WHO targeting youth, which began in 2018, has resulted in 500 Youth Ambassadors who have been trained through our interactive AMR curriculum in their schools and we are now scaling the program to reach more students in more locations.

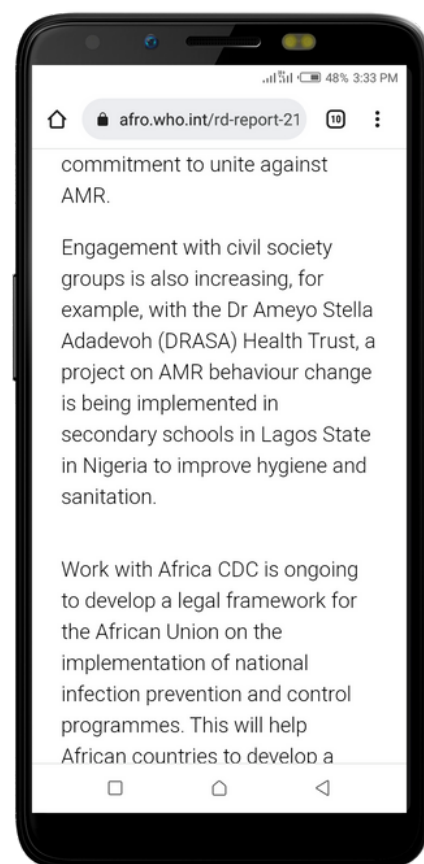


WHO Africa: DRASA in Report on Integrated Action and Innovations for Health

Our AMR work in schools was also featured in WHO Africa's Report on Integrated Action and Innovations for Health as an organization making efforts to combat antimicrobial resistance through curriculum-based learning for youth in schools.

Our school health program is considered innovative for several reasons including our approach to changing people's behavior towards adequate use of medication and adherence to good hygiene practices by not only engaging them but also empowering them to inspire new, healthy perceptions and actions.

Also, our use of learning techniques that require students to apply, share, and communicate the knowledge they have gained with those around them through culturally-appropriate creative methods including arts and crafts, debates, community projects, singing, performances, acting, games, and more is both unique and effective.



DRASA Awards and Features

President's Award for Public Advocacy from Social Millennials

On the 18th of July we were honored with a social impact award.

The award was given by the Social Millennials Network for our advocacy work in infectious disease prevention and control.

The award was given to DRASA during the Social Millennials Champagne Soiree and Awards 2021 - an event organized to honor and recognize member organizations that had distinguished themselves in their social impact work.

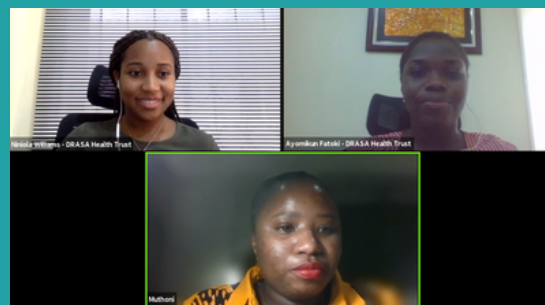
Other organizations and social impact enterprises that received awards spanned various sectors of society and the social impact world including: Donors For Africa, Dolly Children Foundation, Truss Empowerment Foundation and Mamamoni.



Segal Family Foundation Future Summit: DRASA Virtual Site Visit

On the 7th of October, we were featured by the Segal Family Foundation during their 2021 Future Summit. The purpose of this virtual tour (video) was to help tell the DRASA story: why we were founded, demonstrate the gap we are filling, and also show our work with a specific focus on our COVID-19 pandemic response.

The 2021 Future Summit was held to celebrate positive social change across Africa and to create a space for a vibrant community that could spark new ideas, engage in provocative conversations, and showcase possibilities of collaboration, attracting new allies.



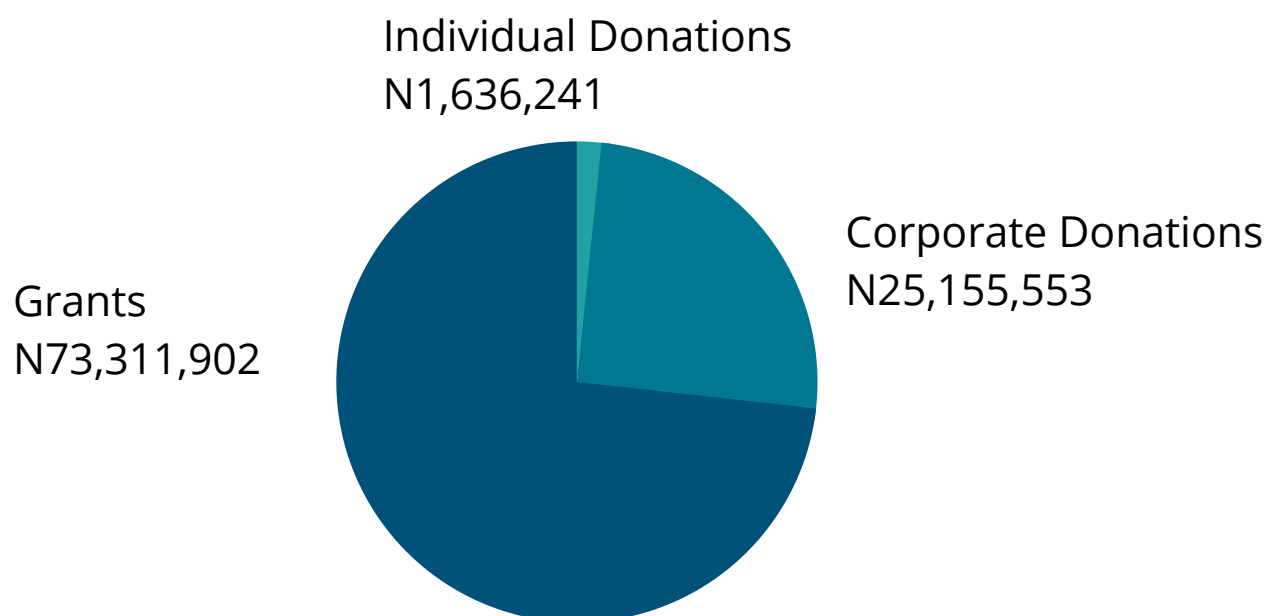


Financials

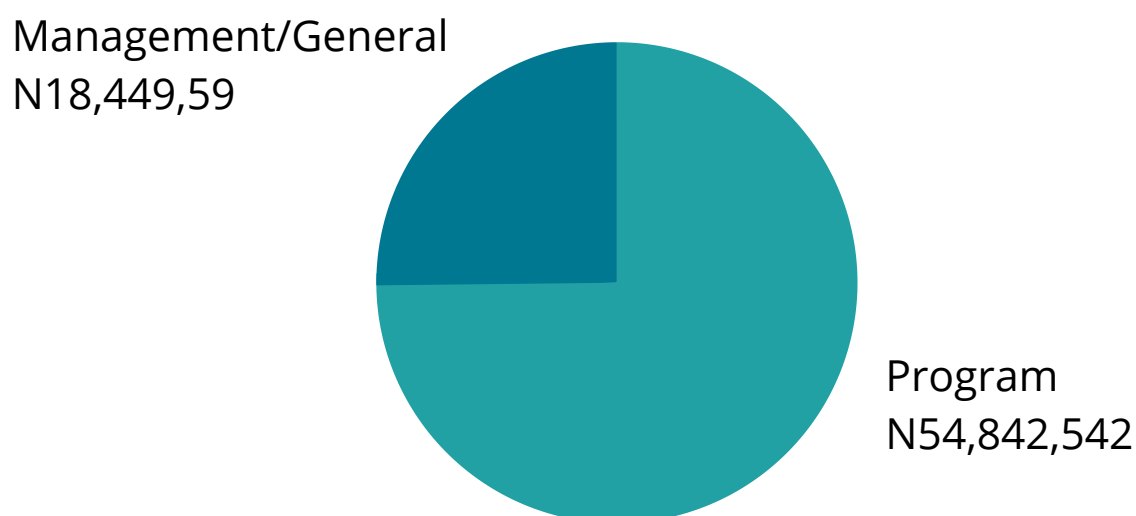
◆ Our 2021 audited financials

Financials

REVENUE



EXPENSES



Thank You

**Thank you for partnering with us,
supporting our mission, and
donating to sustain our work**

Appreciation



World Health Organization



Centre for Infection Control & Patient Safety



**OYO STATE
MINISTRY OF EDUCATION**



**LAGOS STATE
MINISTRY OF HEALTH**



**LAGOS STATE
MINISTRY OF EDUCATION**



**FCT AUTHORITY
EDUCATION SECRETARIAT**



Nigerian Society for Infection Control

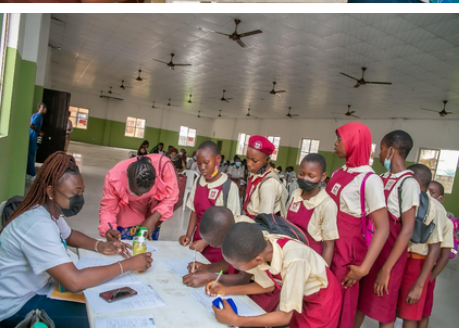




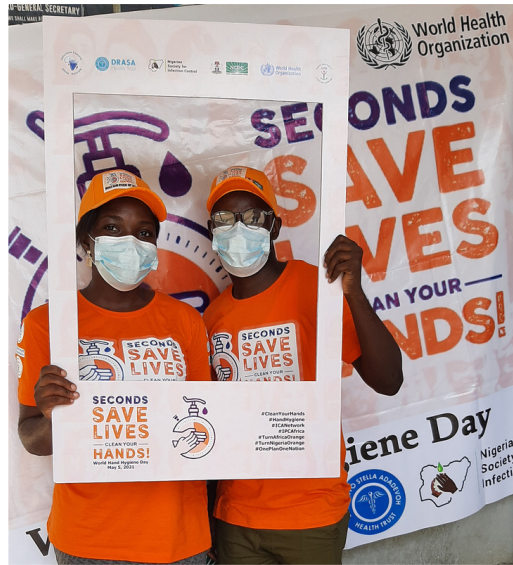
2021 In Pictures

◆ Snapshots of our work

2021 In Pictures: DRASA's AMR Work



2021 In Pictures: DRASA's IPC Work



2021 In Pictures: DRASA's IPC Work



2021 In Pictures: DRASA's IPC Work



2021 In Pictures: DRASA's Health Security Work



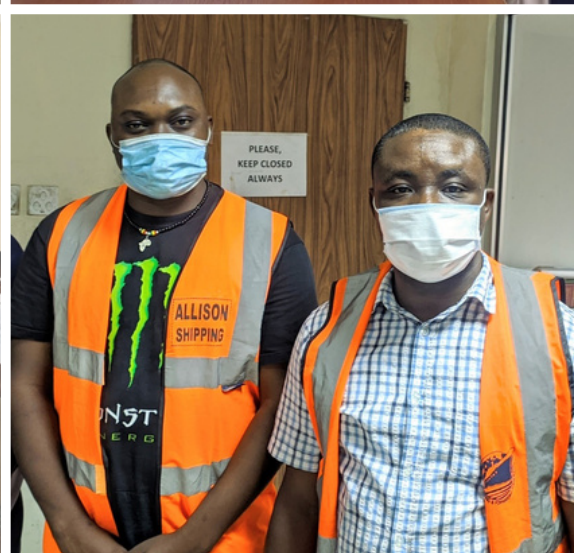
2021 In Pictures: DRASA's Health Security Work



2021 In Pictures: DRASA's Health Security Work



2021 In Pictures: DRASA's Health Security Work





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