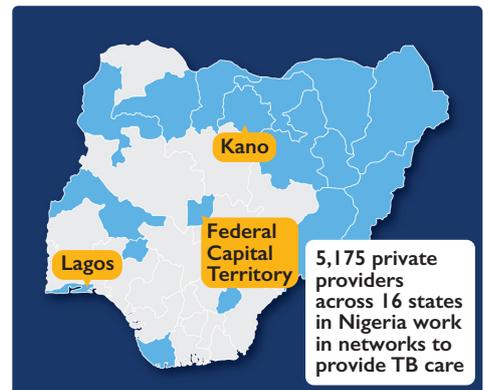




# SHOPS Plus Tuberculosis Program in Nigeria

## Program Overview

Nigeria has one of the lowest case detection rates among high tuberculosis (TB) burden countries. With an estimated 452,000 cases in 2020, according to the WHO, only 31 percent were reported as receiving treatment. Although the private health sector in Nigeria has grown considerably in the last few decades, accounting for 68 percent of all health expenditures, it only delivers about 22 percent of all TB treatment. Strengthening the private sector's capacity to detect and treat TB is vital to increase the TB case detection rate in Nigeria. SHOPS Plus works in 16 states including Lagos and Kano, the two states with the highest TB burden and high levels of private sector activity. To increase the availability and access to TB services, SHOPS Plus established networks made up of different cadres of private providers to detect, diagnose, follow-up, and treat TB.



## Objectives

- **Increase availability** of TB services, including diagnosis in the private sector
- **Improve the flow** of persons with presumed TB into TB detection and treatment systems
- **Improve the quality** of private sector TB services
- **Strengthen health systems** to foster and sustain Public Private Mix models for TB care

## High-Level Program Impact

May 2018 – August 2021



**5,895,243**  
Clients screened  
for TB



**23,757**  
TB cases  
detected



**365,630**  
Clients  
tested for TB



## Program Approach

SHOPS Plus increases the availability and access to TB services in the private sector by:

**1** Signing a memorandum of understanding with the government and private provider associations, giving providers access to government-procured TB drugs and reagents at no cost, while allowing providers to charge fees within a predetermined price range for TB treatment services.

**2** Establishing multi-cadre networks where clinical facilities serve as the hubs receiving referrals from the patent and proprietary medicine vendors (PPMVs) or drug shops, community pharmacists, and laboratories, which are often the first point of contact for most care-seeking Nigerians.



**3** Training all members of the networks to conduct routine TB screenings, collect sputum samples from presumptive TB patients, and refer presumptive TB patients to a clinical facility in the network.

**4** Developing the capacity of two local intermediary organizations to manage the networks in Lagos and Kano.

Local intermediary organizations in Lagos and Kano



**5** Increasing demand for TB services through provider-driven social and behavior change communication and activities.



### Testing and diagnosis



Exam with doctor

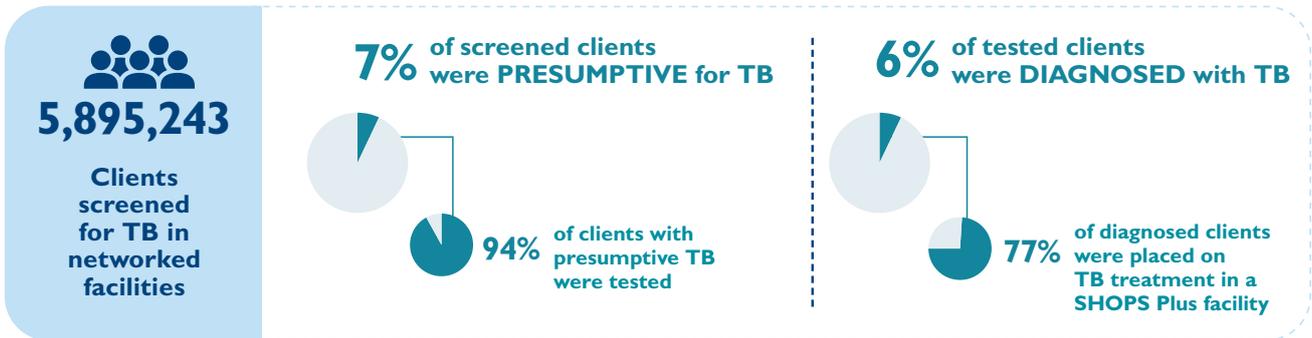
Sputum sample

SHOPS Plus TB behavior change communication posters and an educational flipchart for use in the community and networked facilities

**6** Collecting and reviewing real-time data for learning and program adaptation.

## Outcomes

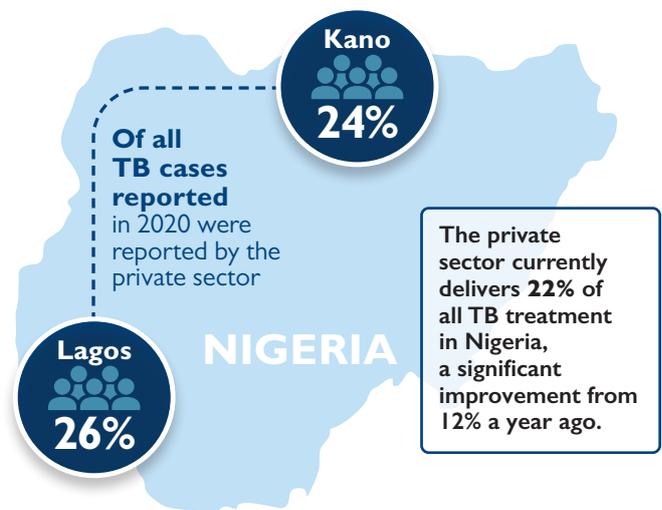
**Clients are successfully referred for testing and treatment within networks of private facilities.** From May 2018 to August 2021, SHOPS Plus providers **screened 5,895,243 clients** for TB and moved nearly all clients who were presumptive for TB to testing and those who were diagnosed to treatment within the networks.



## Private Sector Impact

In Lagos, private sector contribution to TB case notification went from 12 percent in 2017 to 26 percent in 2020, and in Kano, it increased from three percent in 2017 to 24 percent in 2020.

In 2019, SHOPS Plus expanded its programming from Lagos and Kano to 14 additional states. TB case detection in these states increased from 516 cases detected in the last quarter of FY20 to 1,626 cases one year later.



## Innovations

### The TB STARR app accelerates TB service delivery

SHOPS Plus created the TB Screening and Tracking for Accelerated Referral and Reporting (TB STARR) app, which is free to download and allows providers to screen clients for TB, document test results, and refer clients to clinical facilities for treatment. As of September 2021,

- **956 network providers** were registered on TB STARR in Lagos and Kano,
- **1,055,374 clients** had been screened by providers using the app, and
- **3,812 positive TB cases** were confirmed using TB STARR.



### Project ECHO technology connects the National and State TB programs, encouraging use of data for decision-making

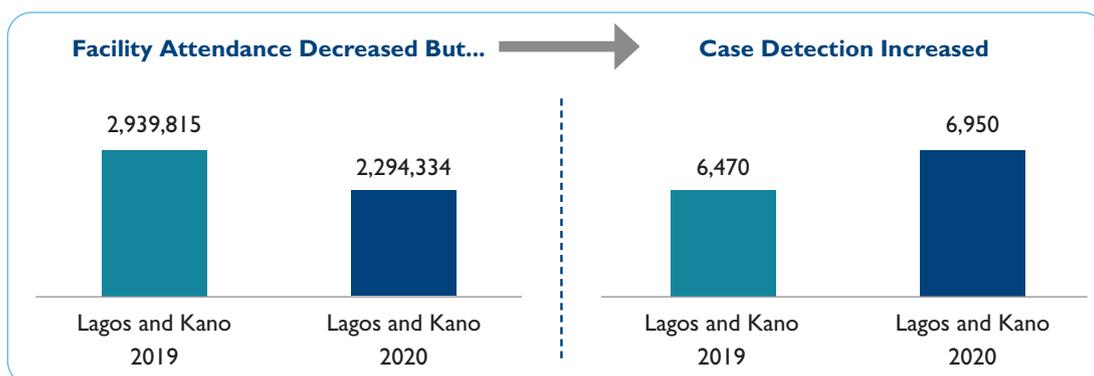
- SHOPS Plus used the Project Extension for Community Health Outcomes (ECHO) model to improve the flow of data and information between SHOPS Plus, the National TB and Leprosy Control Program (NTBLCP), and the State TB and Leprosy Control Programs.
- In the ECHO teleconferencing rooms in Abuja and Kano, TB service delivery data from around the country is displayed and reviewed to inform and enhance decision-making.
- The NTBLCP used the room for over 30 meetings within its first six months to tackle topics ranging from supply chain and forecasting to research.



## COVID-19 Response

SHOPS Plus routinely reviews real-time data for program adaptation. This approach became particularly important at the beginning of the COVID-19 pandemic as attendance in health facilities fell in response to a lock down and fear of infection.

- SHOPS Plus responded by switching to virtual support, training providers on differences between TB and COVID-19 symptoms, and providing personal protective equipment.
- SHOPS Plus in Kano conducted small group trainings on TB STARR for virtual reporting and created screening, drug, and diagnostic hubs at PPMVs to prevent interruptions in TB services in hard-to-reach areas.
- Despite the pandemic and a 22 percent decrease in facility attendance, TB case detection increased by seven percent in Lagos and Kano.



### About SHOPS Plus

Sustaining Health Outcomes through the Private Sector (SHOPS) Plus is a five-year cooperative agreement (AID-OAA-A-15-00067) funded by the United States Agency for International Development (USAID). The project strategically engages the private sector to improve health outcomes in family planning, HIV, maternal and child health, and other health areas. Abt Associates implements SHOPS Plus in collaboration with the American College of Nurse-Midwives, Avenir Health, Broad Branch Associates, Banyan Global, Insight Health Advisors, Iris Group, Population Services International, and the William Davidson Institute at the University of Michigan.

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