



NIGERIA

NATIONAL HIV SURVEILLANCE REPORT

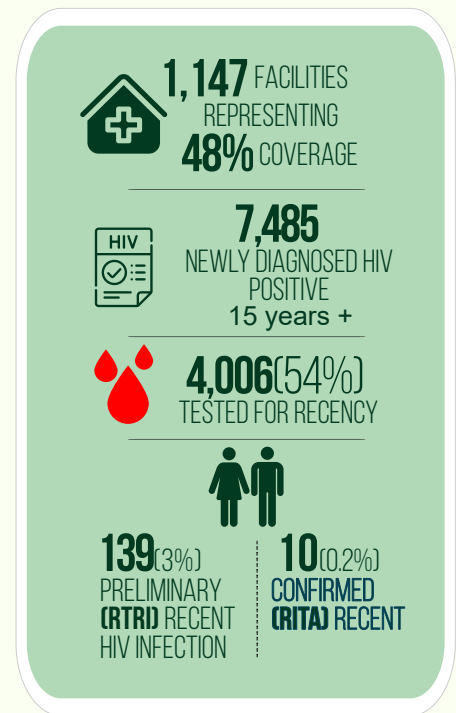
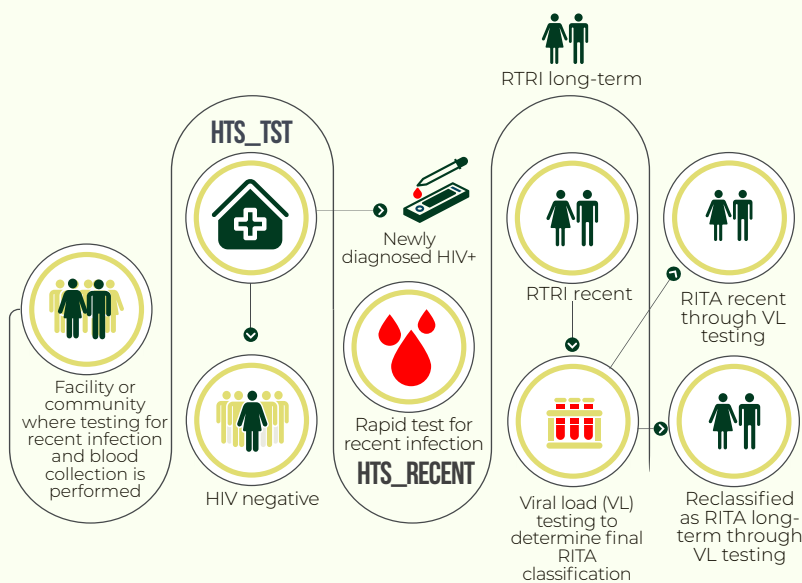
July 2023 Edition

Data is for July 2023 and was downloaded from the NDR on 20 August 2023

OVERVIEW

HIV Surveillance is the ongoing systematic collection, analysis, interpretation, and use of data to improve health determinants and disseminate information regarding HIV/AIDS related events. In Nigeria, data is collected from client-centred monitoring throughout the cascade of clinical care to guide the national response and understand the trend of the epidemic. As Nigeria approaches epidemic control, three surveillance activities have been key in tracking the epidemic: HIV-1 Recent Infection Surveillance, Case-based Surveillance (CBS), and Mortality Surveillance (MS).

HIV-1 RECENT INFECTION SURVEILLANCE



The chart below summarizes HIV-1 Recent Infection Surveillance in 1,147 activated facilities and it displays the number of clients with new HIV+ diagnosis, number of HIV+ clients who had RTRI, and number of RTRI recent clients who had viral load confirmation for RITA.

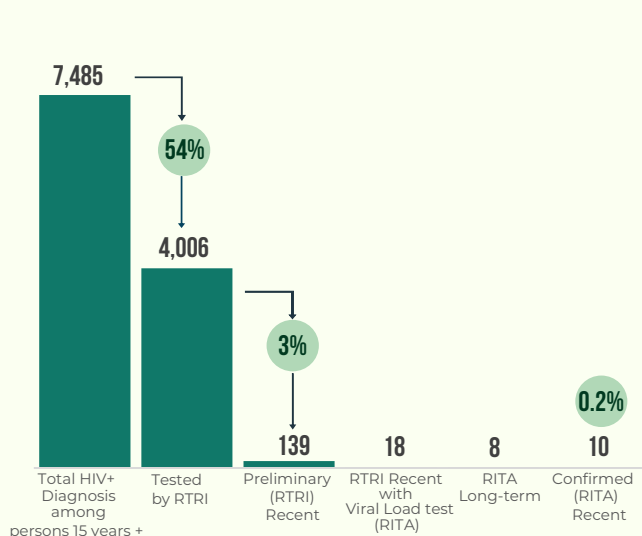
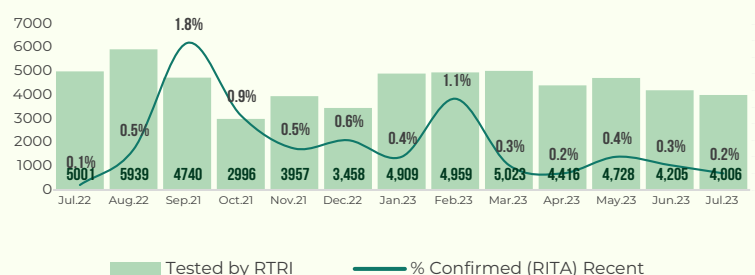


Figure 1
HIV-1 Recent Infection Surveillance Cascade in July 2023



Additional sites which were activated for recency testing between June and July, commenced reporting on NDR, this can be attributed to the spike in September and October.

Figure 2
Confirmed recent infection from January 2022 to July 2023

The map below is a geographical distribution of confirmed RITA recent infections from March 2020 to July 2023.

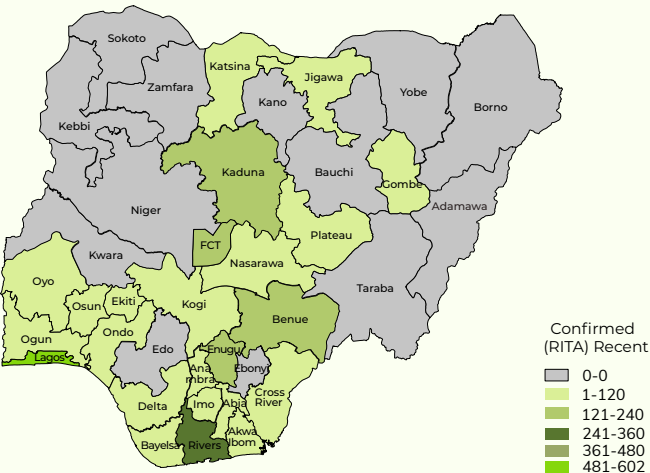


Figure 3
The map above is a geographical distribution of confirmed RITA recent infections from March 2020 to July 2023.

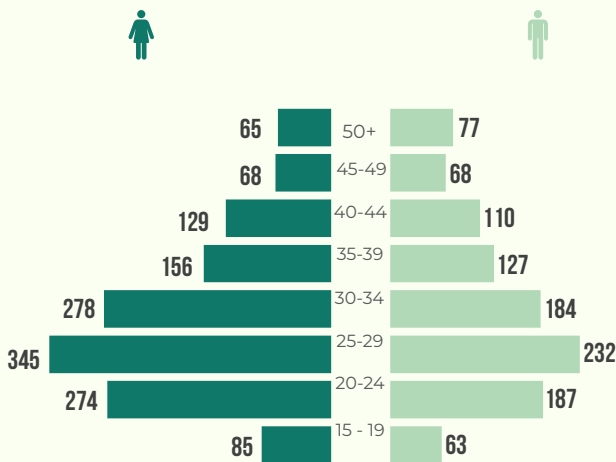


Figure 4a
Confirmed (RITA) recent infection by age and sex in Nigeria from March 2020 to July 2023

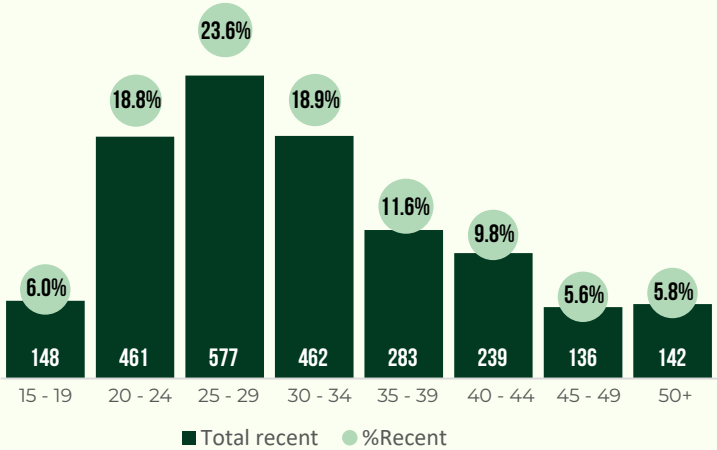


Figure 4b
Confirmed (RITA) recent infection by age and sex in Nigeria from March 2020 to July 2023

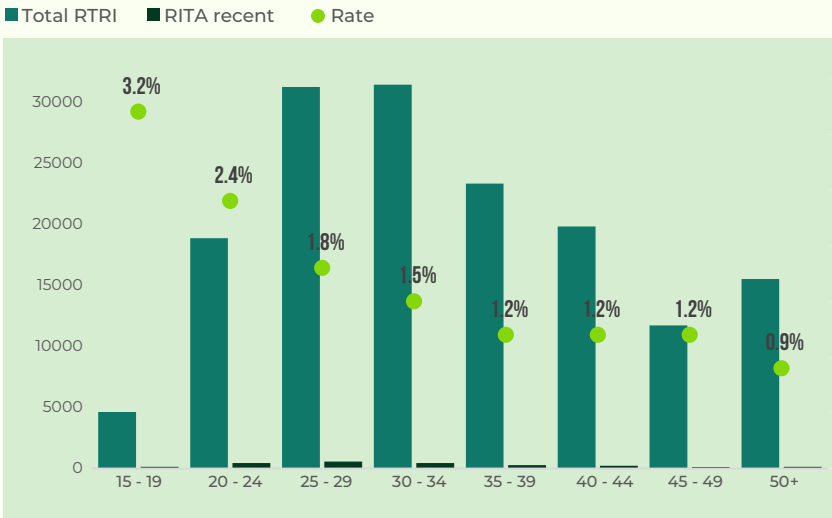


Figure 5
The proportion of confirmed recent infections disaggregated by age as of July 2023

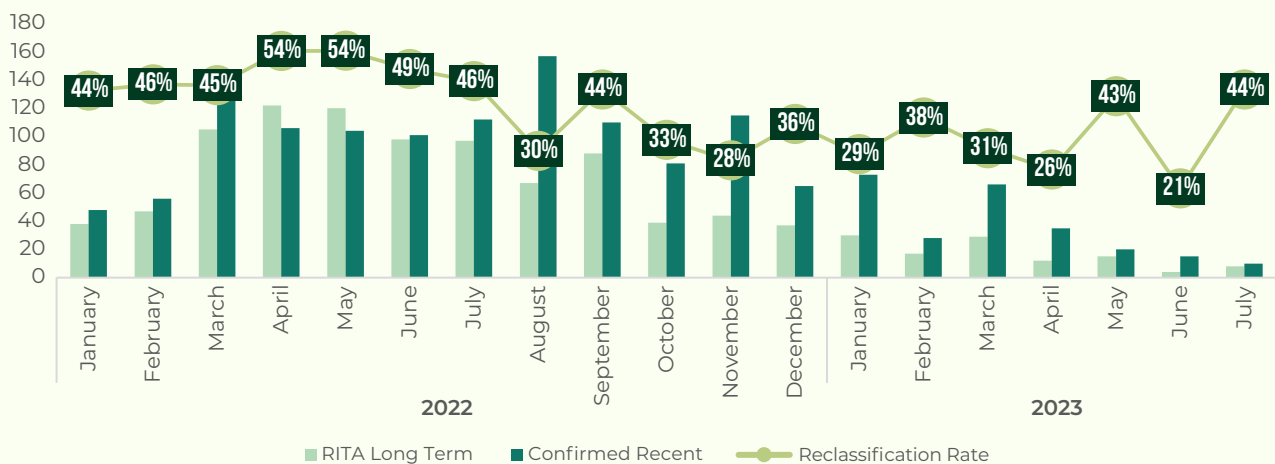


Figure 6
Reclassification rate by month from 2022 to date

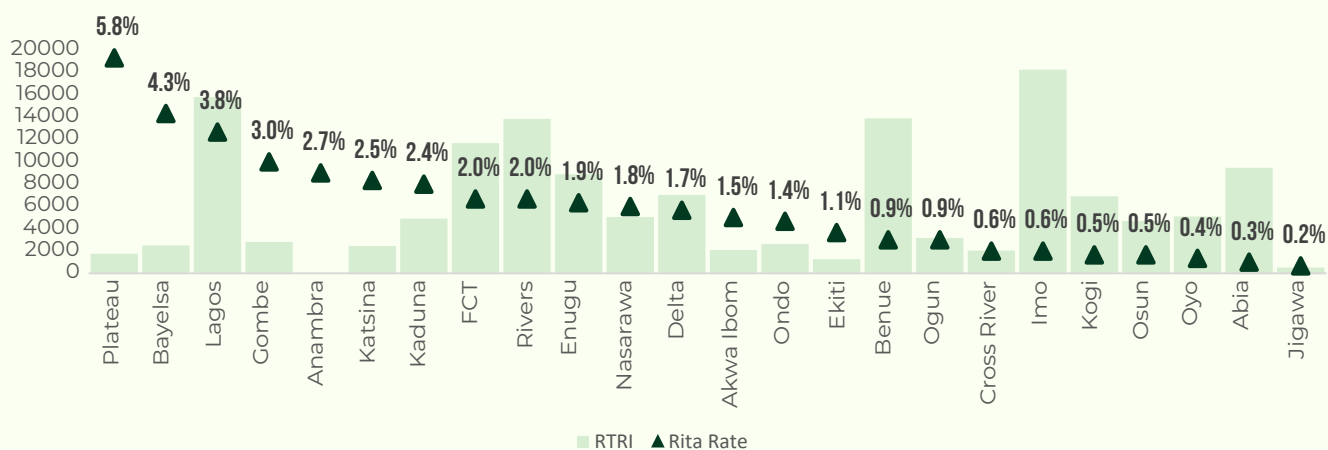


Figure 7a
Recent infection rate by state as of July 2023

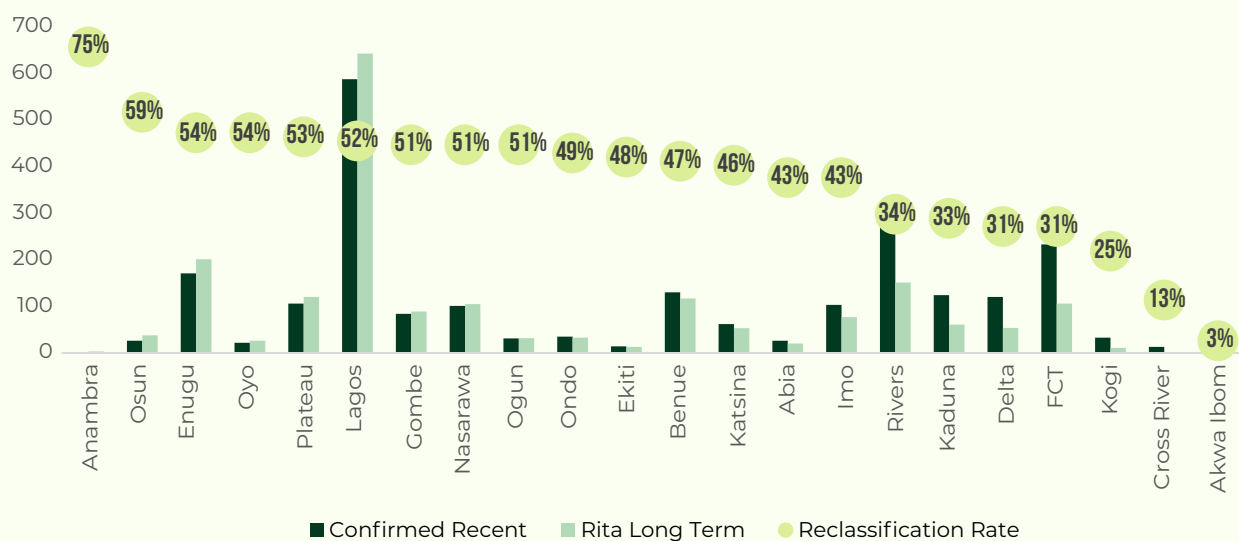


Figure 7b
Reclassification by State

CASE-BASED SURVEILLANCE

Case-based Surveillance systematically and continuously collects data on demographic and health events (sentinel events) about clients with HIV infection from diagnosis and routine clinical care to final outcomes. This data is used to characterize the HIV epidemic and guide program improvement.

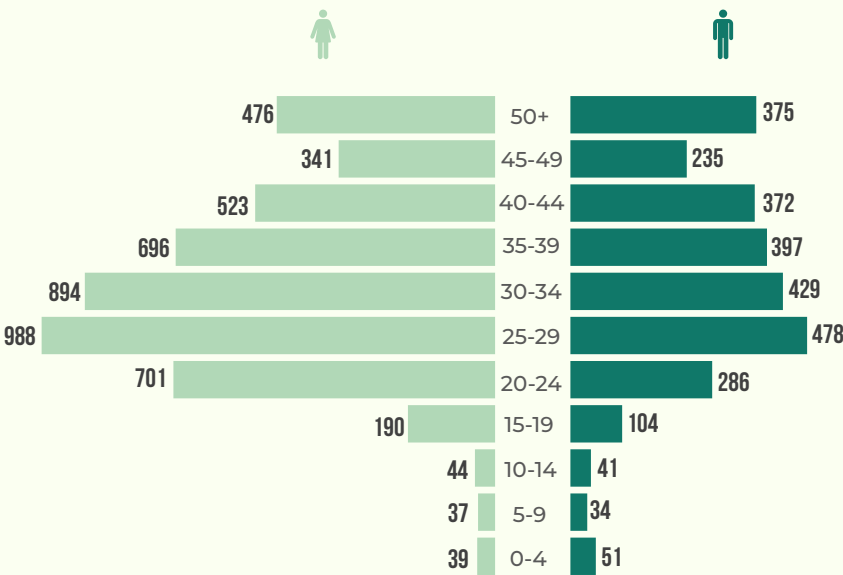


Figure 8
Number of clients newly diagnosed HIV+ in July 2023

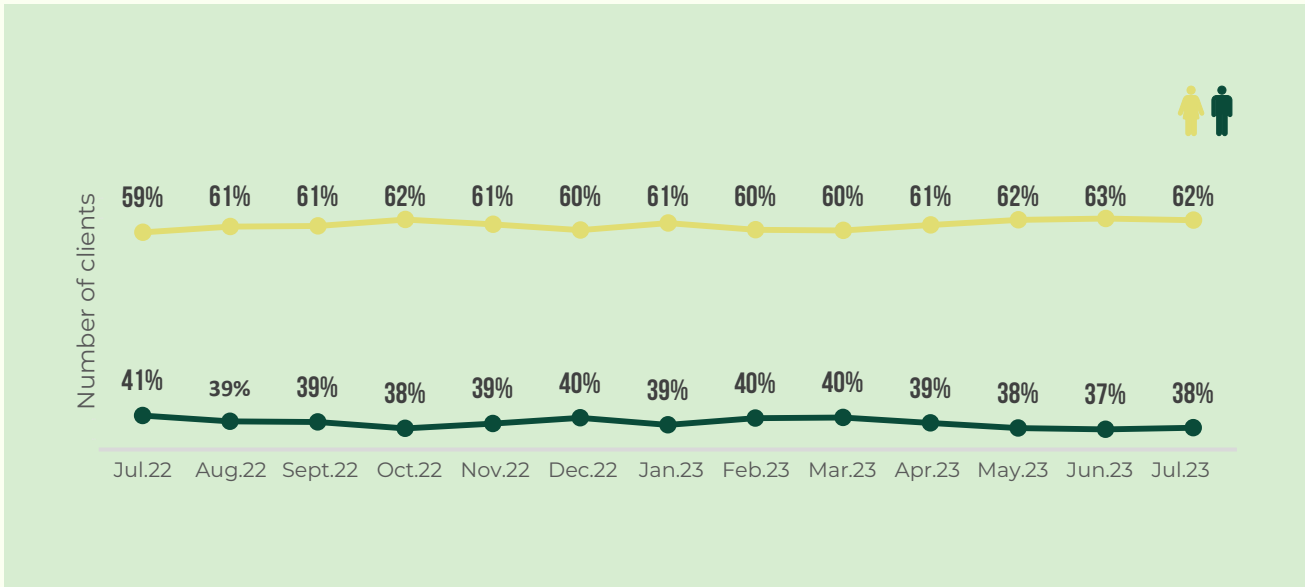


Figure 9
The monthly trend of clients by sex who commenced treatment. Female accounts for 62% while Males 38% of clients initiated on treatment for the month of July 2023

This chart shows the number of clients who tested HIV+ and have commenced treatment (linkage) in July 2023. The number of clients who commenced treatment in July is highest in the 25-29 age band (**19.1%**) and lowest in the 5-9(**0.7%**) age band. In addition, the number of clients who commenced treatment is higher among females.

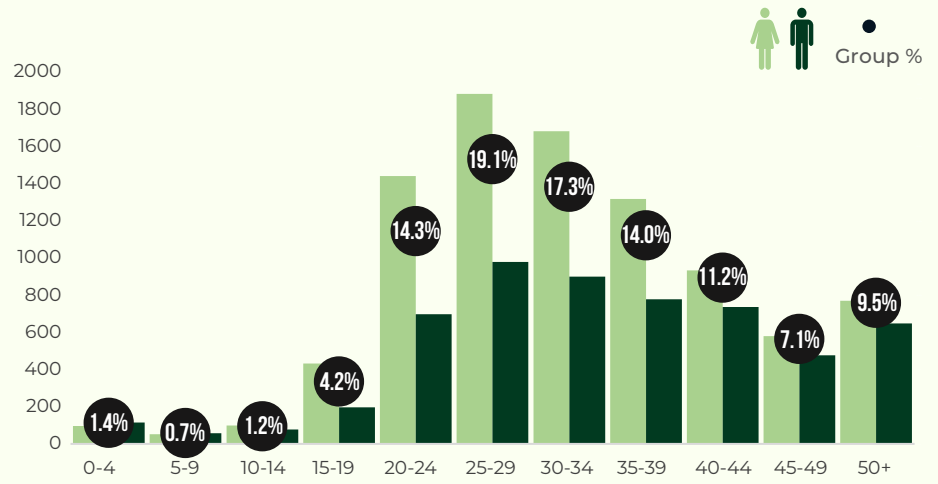


Figure 10
The number of clients started on treatment in July 2023, disaggregated by age and sex.



Figure 11
Client CD 4 COUNT < 200 and > =200 at initiation in July 2023

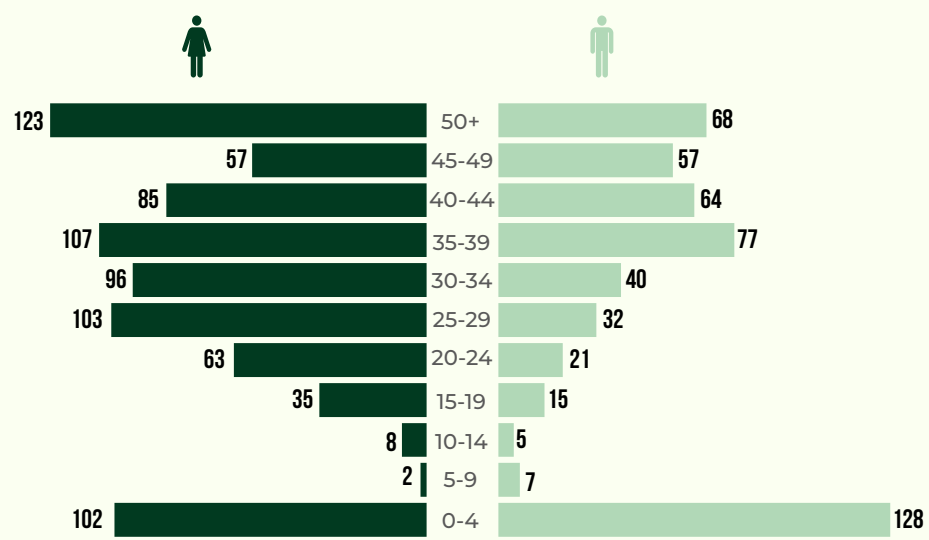


Figure 12a
Distribution of Advanced HIV Disease (WHO stage III and IV HIV disease, CD4 less than 200 and children under five) by age and sex in July 2023

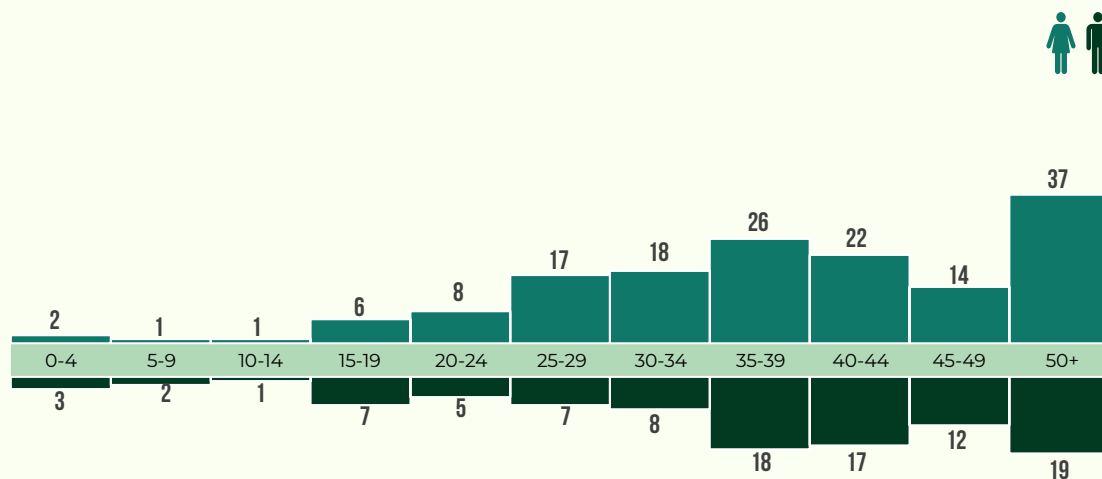


Figure 12b
Distribution of Advanced HIV Disease (WHO stage III and IV HIV disease)
by age and sex in July 2023

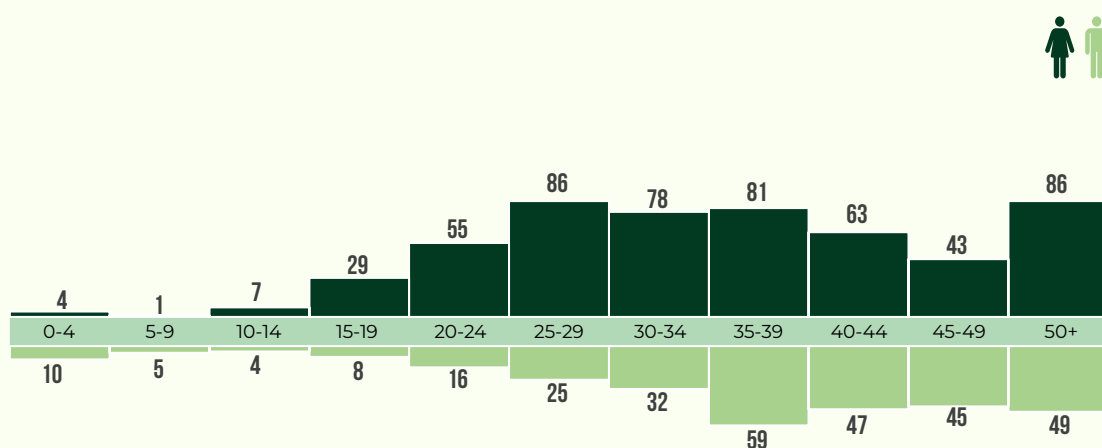


Figure 12c
Distribution of Advanced HIV Disease (CD4 Count less than 200)
in July 2023

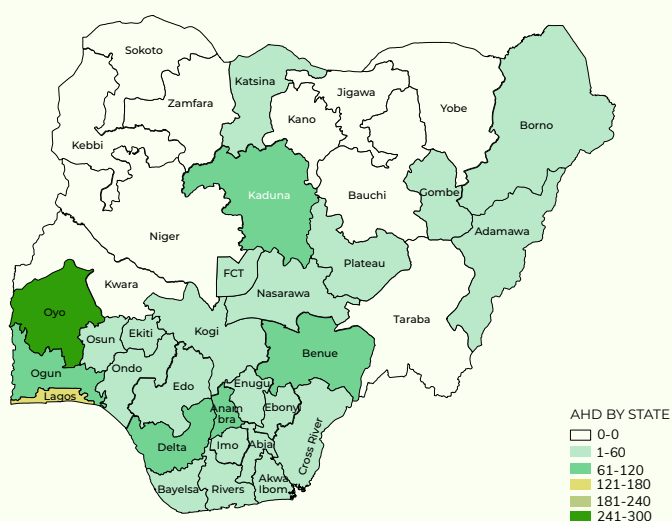


Figure 13
Distribution of newly diagnosed HIV+ clients with WHO stage III and IV HIV
disease by state in July 2023

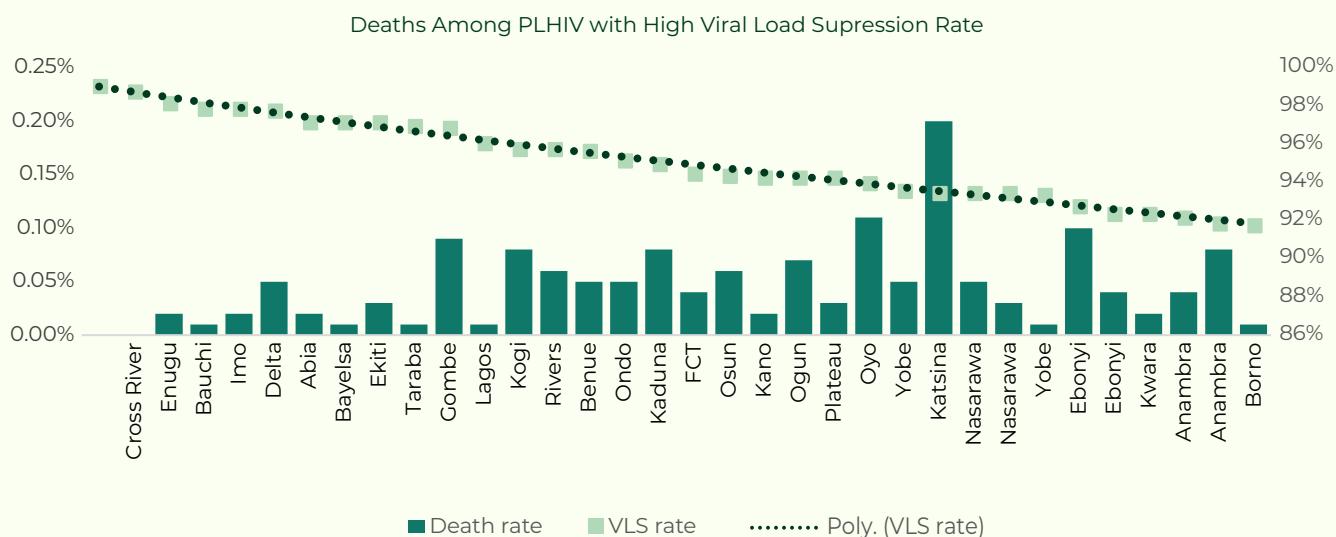


Figure 14
Low deaths among states with high viral load suppression rate in July 2023

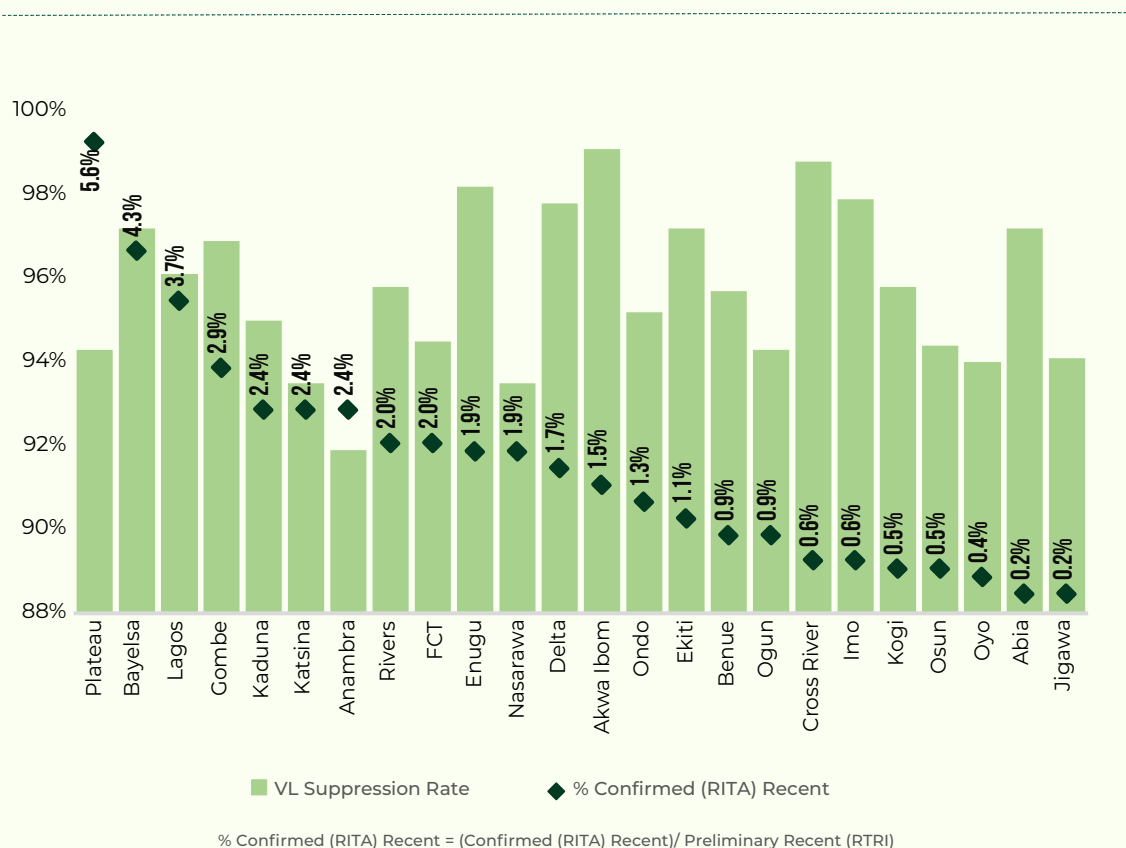


Figure 15

Recent infection rates are still high in states with high viral load (% confirmed (RITA) Recent = Confirmed (RITA) Recent/ Preliminary recent infection. Top three states leading in confirmed recent infection are Plateau, Bayelsa and Lagos State.

MORTALITY SURVEILLANCE

Mortality surveillance aims to determine the distribution and patterns of leading causes of death among people living with HIV (PLHIV) on treatment and the use of this information to reduce preventable deaths. The 2016 WHO Verbal Autopsy (VA) instrument is administered to eligible and consenting primary caregivers (usually a family member) who were with the deceased in the period leading to death. Data collected from VA is then uploaded to SmartVA analyze to generate the cause of death.

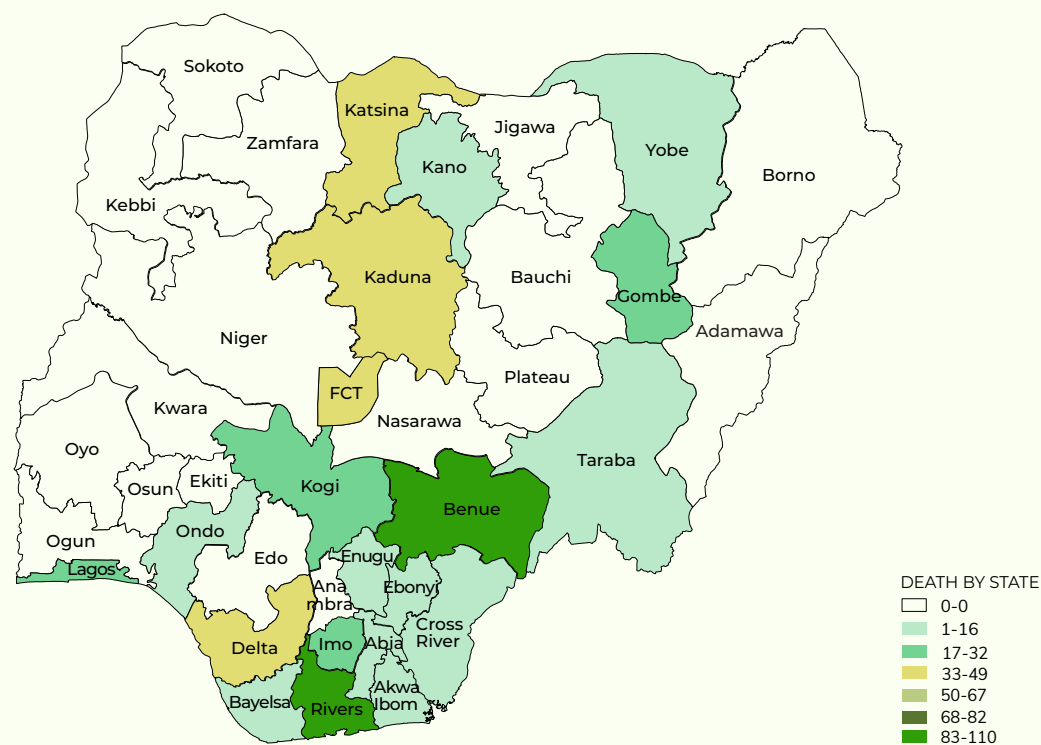


Figure 16
Distribution of deaths by States in July 2023

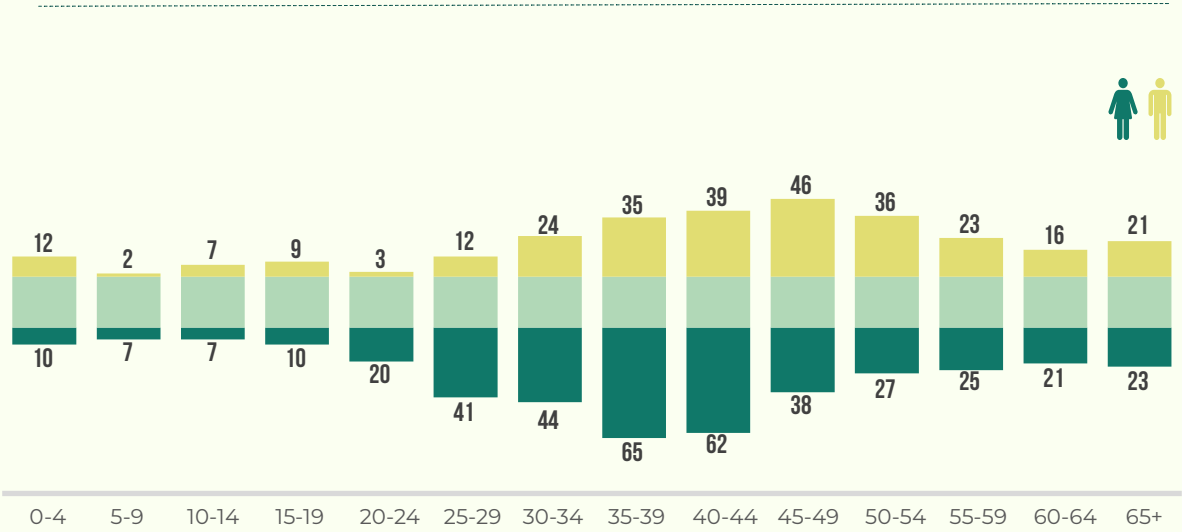


Figure 17
Deaths by Age and Sex in July 2023

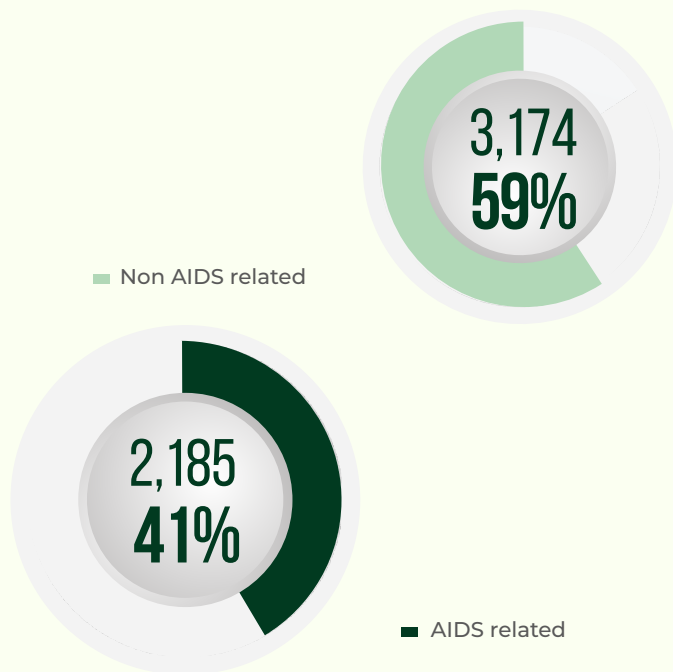


Figure 18
AIDS-related and non-AIDS-related causes of death as of July 2023

685 Deaths were recorded in July 2023

400 285



25 Total number of states where mortality surveillance is activated.

382 Total number of activated facilities in these states.

5,359 Verbal Autopsy's (VA) as of July 2023 to determine the causes of death.

519 Deaths were recorded in all Mortality Surveillance activated sites in July 2023.

298 221

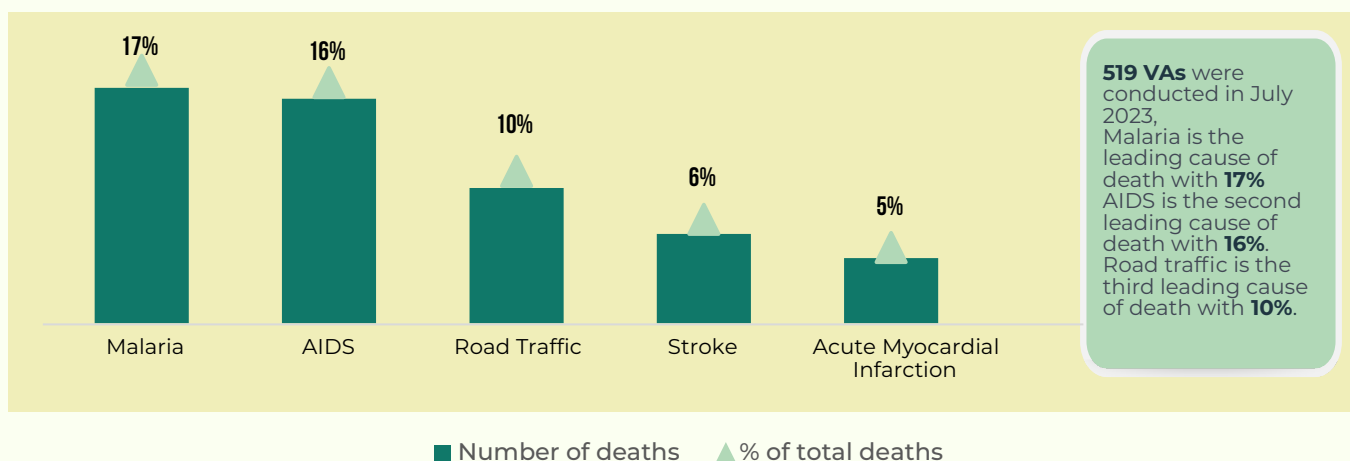


Figure 19
Top 5 causes of death among PLHIV in July 2023

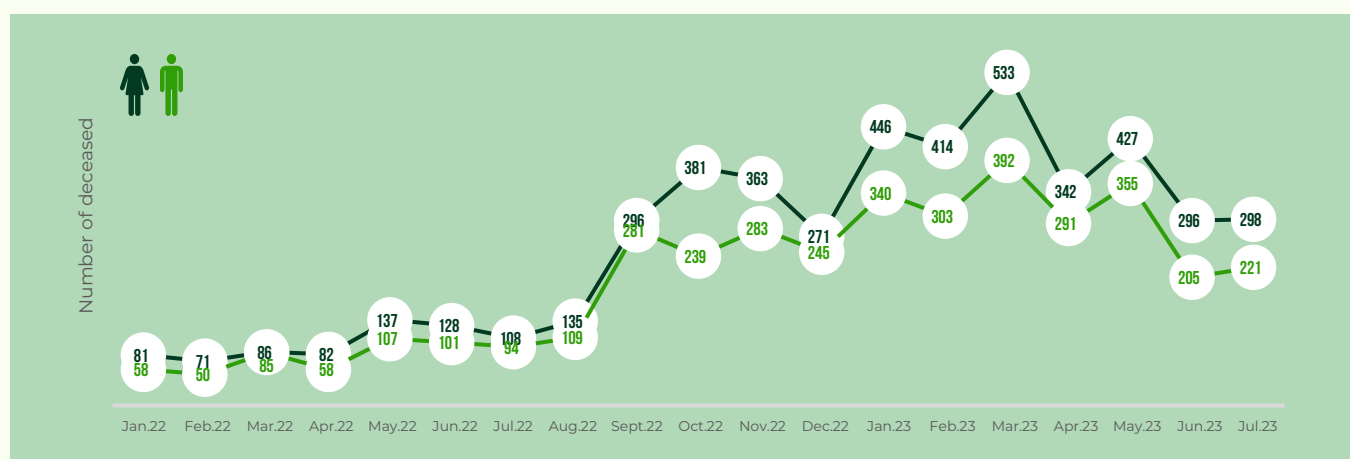


Figure 20
The number of clients on treatment reported dead in the MS-activated site in July 2023

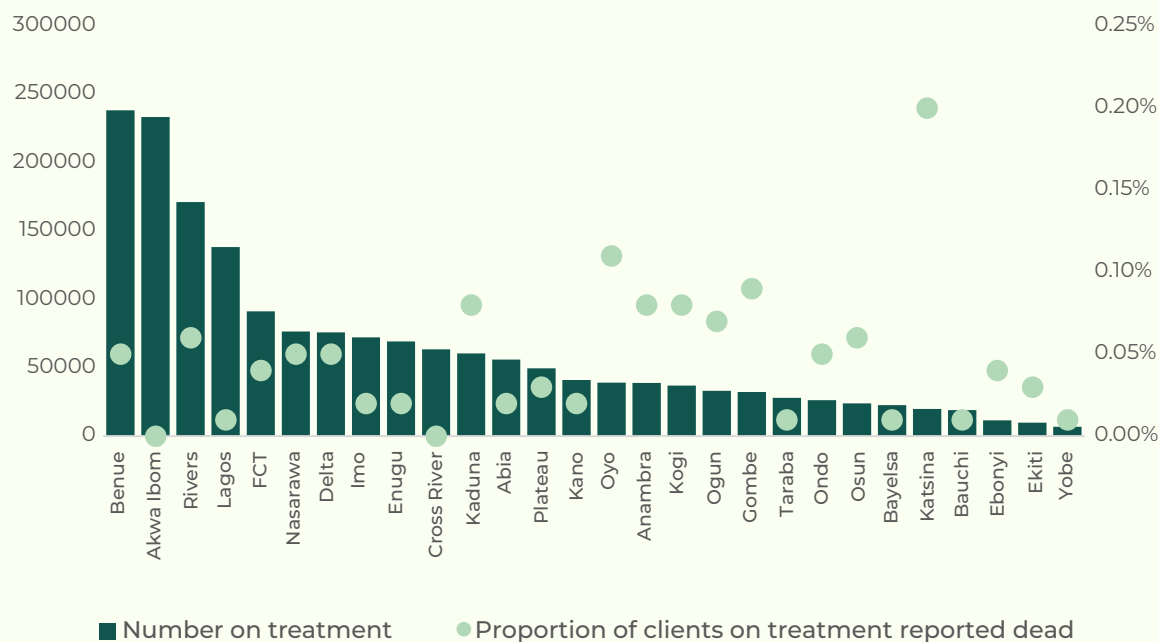


Figure 21

The proportion of clients on treatment reported dead in July 2023

This chart shows the proportion of clients who were reported dead in July 2023 disaggregated by State. The death rate was calculated as the number of clients on treatment who are reported dead per the total number of clients actively on treatment. A high death rate is recorded amongst states with lower TX_CURR.