

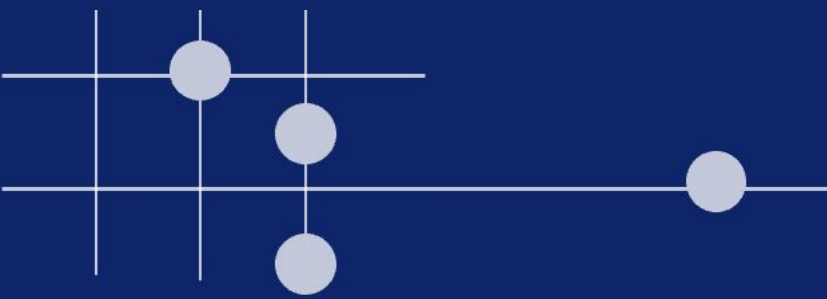
# TB DIAH

TUBERCULOSIS DATA, IMPACT ASSESSMENT  
AND COMMUNICATIONS HUB

**New Tools, Platforms and Resources for TB Data Capture, Visualization and Use**

August 1, 2024



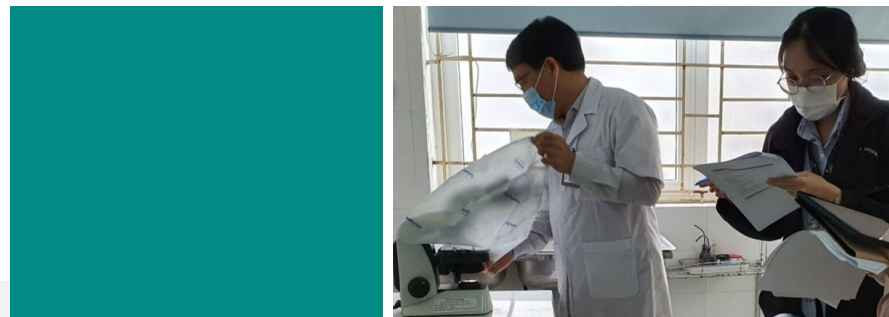


# Introductions and Housekeeping

# TB DIAH

TUBERCULOSIS DATA, IMPACT ASSESSMENT  
AND COMMUNICATIONS HUB

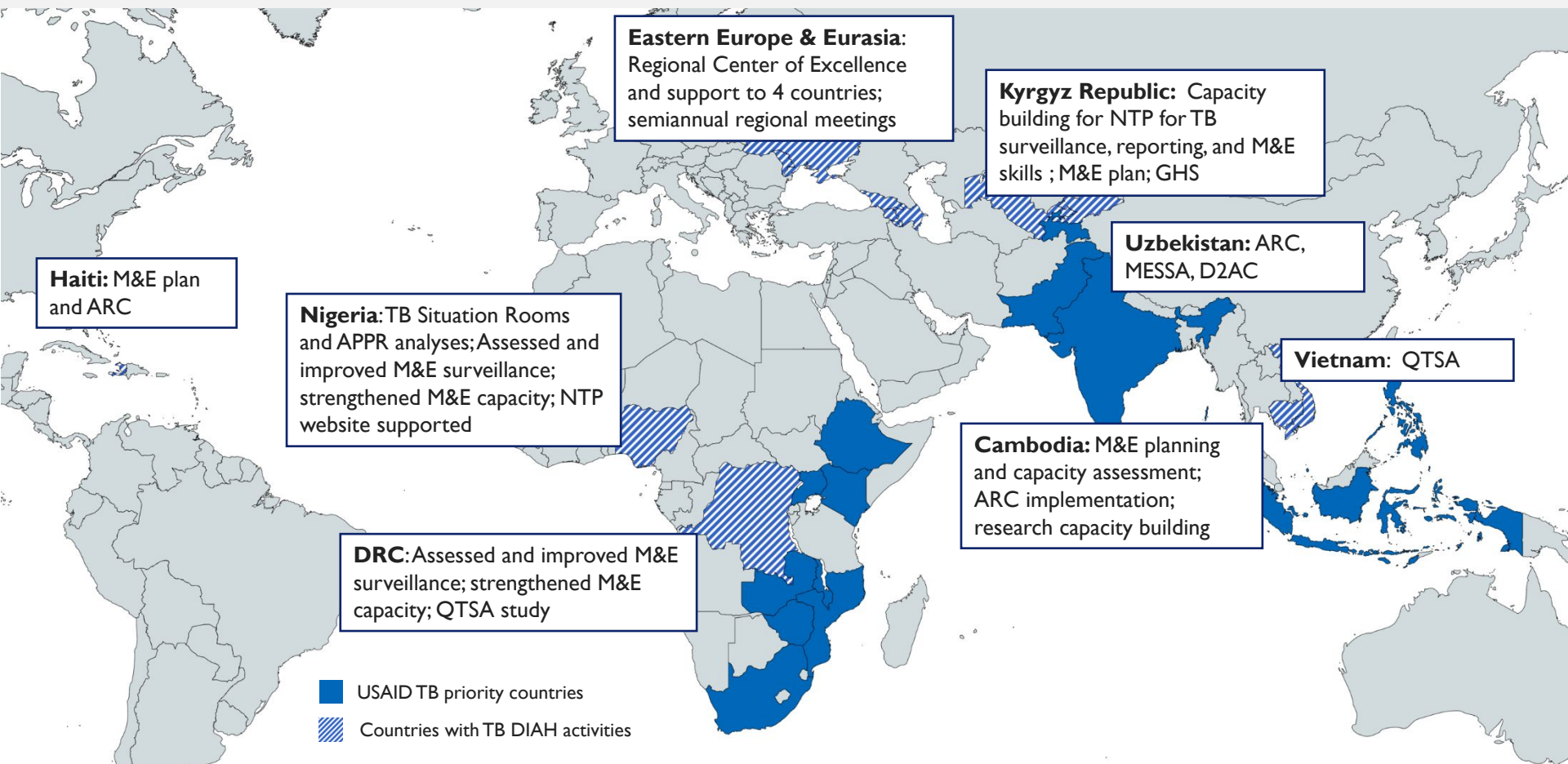
- Part of the USAID Global Accelerator to End TB
- Global, five-year (2018-2024) associate award, \$36M cooperative agreement
- Small team of M&E and TB experts working to clarify TB data in way that helps USAID monitor its TB investments in its TB priority countries
- Helps countries use data to share their story



# What does TB DIAH do?



# Where does TB DIAH work?





Please **use the Q&A**  
**for all questions.**

Please **tell us who you**  
**are and where you're**  
**from in the chat.**



Questions will be addressed during and at the end of the webinar.



The webinar is being recorded and a link to the recording and presentation will be shared with all attendees and registrants tomorrow by a Zoom link and email.

# Speakers and agenda

 **1.5 hour**

## **Stephanie Mullen**

Project Director, TB DIAH Project

- Introductions and Housekeeping

## **Dr. E. Mushota Kabaso, PhD**

National M&E Advisor for the National TB and Leprosy Programme with the Zambia Ministry of Health

- Zambia's TB Situation Room

## **Dr. Obioma Chijioke-Akaniro**

Senior Monitoring and Evaluation Manager for Nigeria's National Tuberculosis, Leprosy, and Buruli Ulcer Control Programme

- Nigeria's TB Situation Room

## **Dr. Abiodun O. Hassan MD, MPH, ABD**

Nigeria Project Director/Team Lead and Mission Point of Contact, TB DIAH Nigeria

- Nigeria's Automatic Partners Progress Report

## **Kola Oyediran**

Senior M&E Advisor, TB DIAH Project

- Introducing the TBSR Management and Implementation Guidance

## **Ann Fitzgerald**

Field Services Manager and Deputy Director, TB DIAH Project

- Q&A

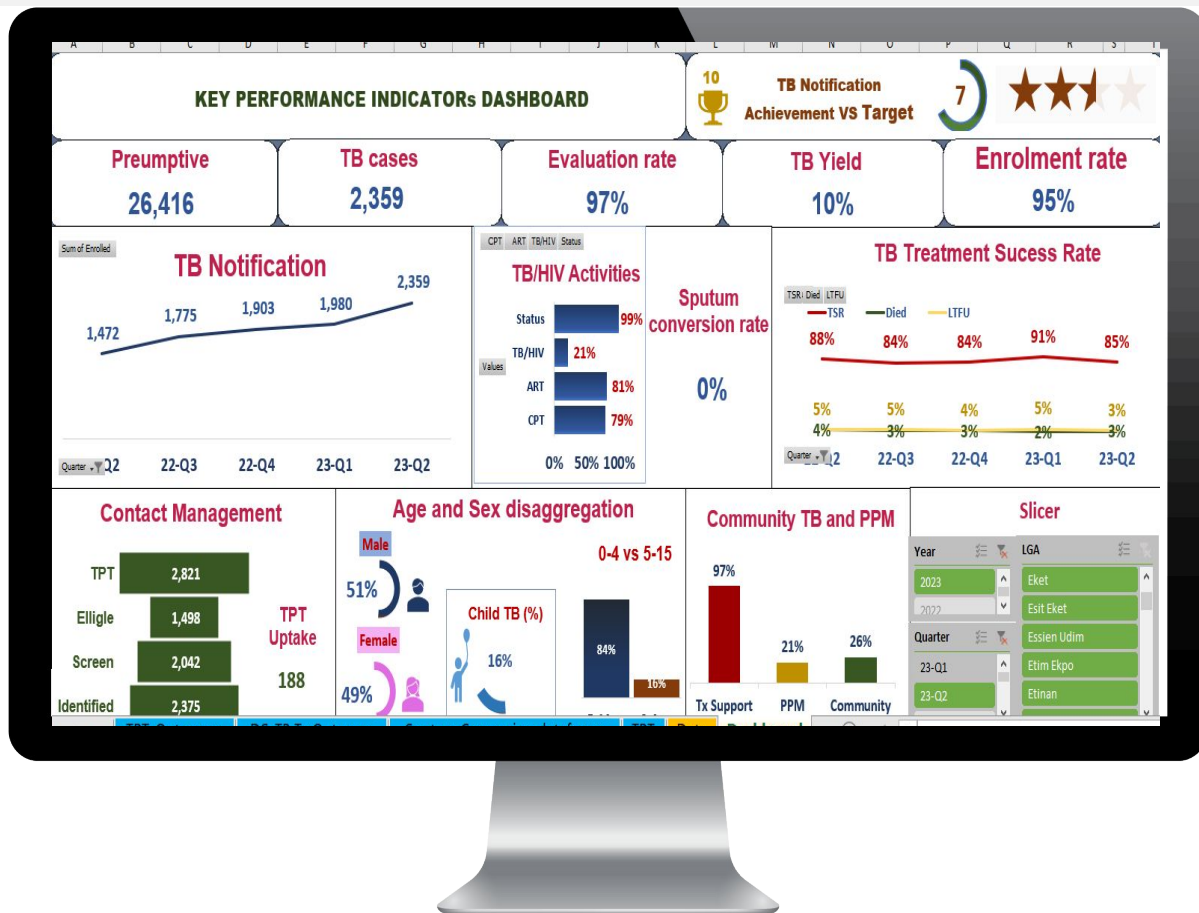
# What is a TBSR? And why is it important?

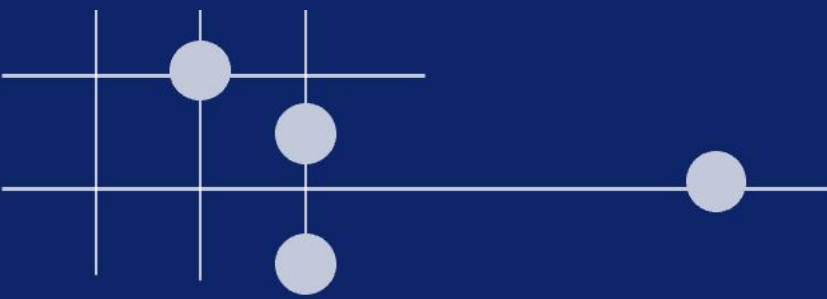
## A TBSR:

- Collates and generates visuals of multi-sourced TB data (EMR, program data, diagnostics and laboratory, drugs and supplies etc.)

**TBSRs are important** because they can:

- Provide decision makers and implementers with easy-to-understand access to TB data from different sources in one place
- Allow for the review, analysis, and interpretation of data in as near to real time as possible





# Zambia's TB Situation Room

# THE WEEKLY TB SITUATION ROOM: **EXPERIENCE FROM ZAMBIA**

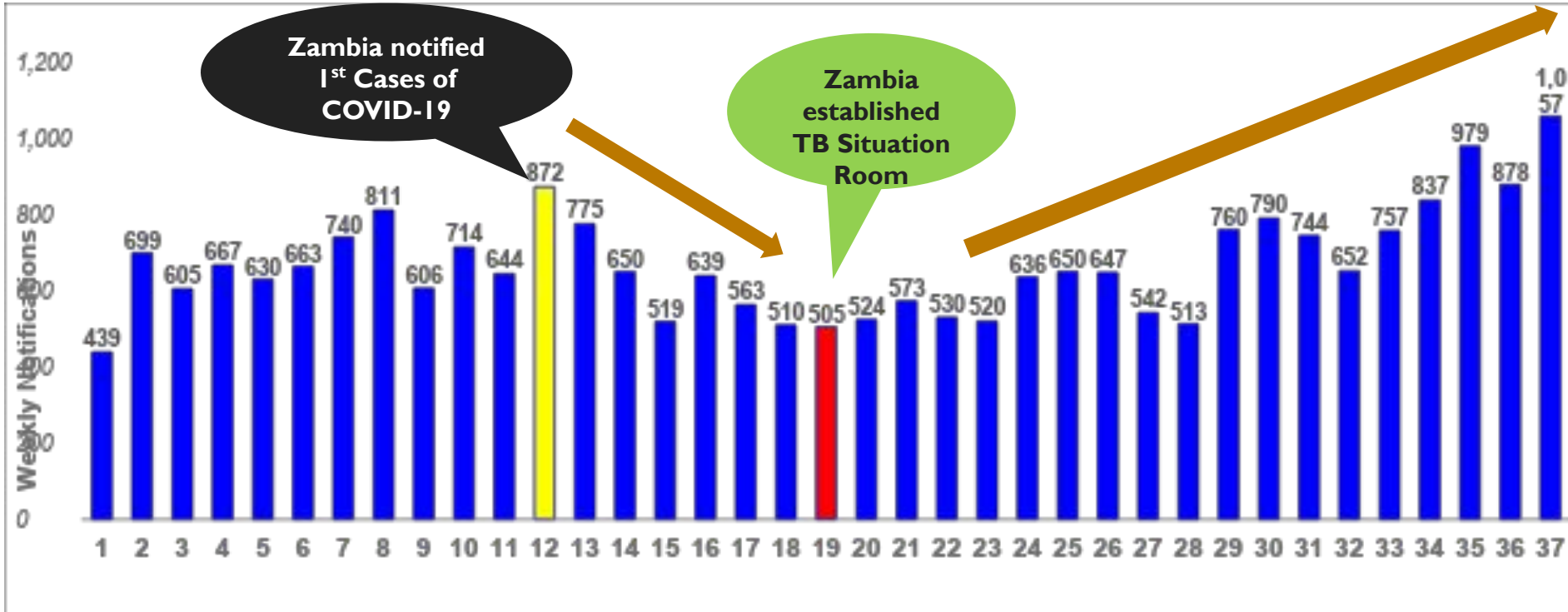
E Mushota Kabaso, PhD  
USAID National TB M&E Advisor  
Ministry of Health  
Zambia

# WHAT IS TBSR

The TB Situation Room (**TBSR**) is

- An initiative of the NTLP in Zambia's Ministry of Health
- Designed to track the weekly performance of the TB program across the country
- Key performance indicators in the TB program (examples)
  - Drug Susceptible TB Notifications
  - DR TB Notifications
  - # of presumptive cases screened in the lab
  - # with bacteriologically confirmed TB
  - # of clinically diagnosed TB; etc.

# ORIGINS OF THE ZAMBIA TBSR



# HOW IT IS DONE : TBSR FORMAT AND AUDIENCE

## Format

- Zambia TBSR is a virtual meeting via Zoom

## Attendees

- Health Care Workers
  - Provincial
  - District
  - Facility
- NTLP staff
- TB cooperating and implementing partners (USAID, CDC, WHO, etc.)
- Civil society

## HOW IT IS DONE : DATA MANAGEMENT

- Data collected on a simple **weekly** template
- TB treatment and diagnostic facilities in all districts
- HFs submit to District TB coordinators
- Districts submit to Provincial TB coordinators
- Ten provincial reports received at National HQ for processing and updates
- Data quality is assured in the back and forth between health facility/district/National levels

## HOW IT IS DONE : DATA ANALYSIS & VISUALIZATIONS

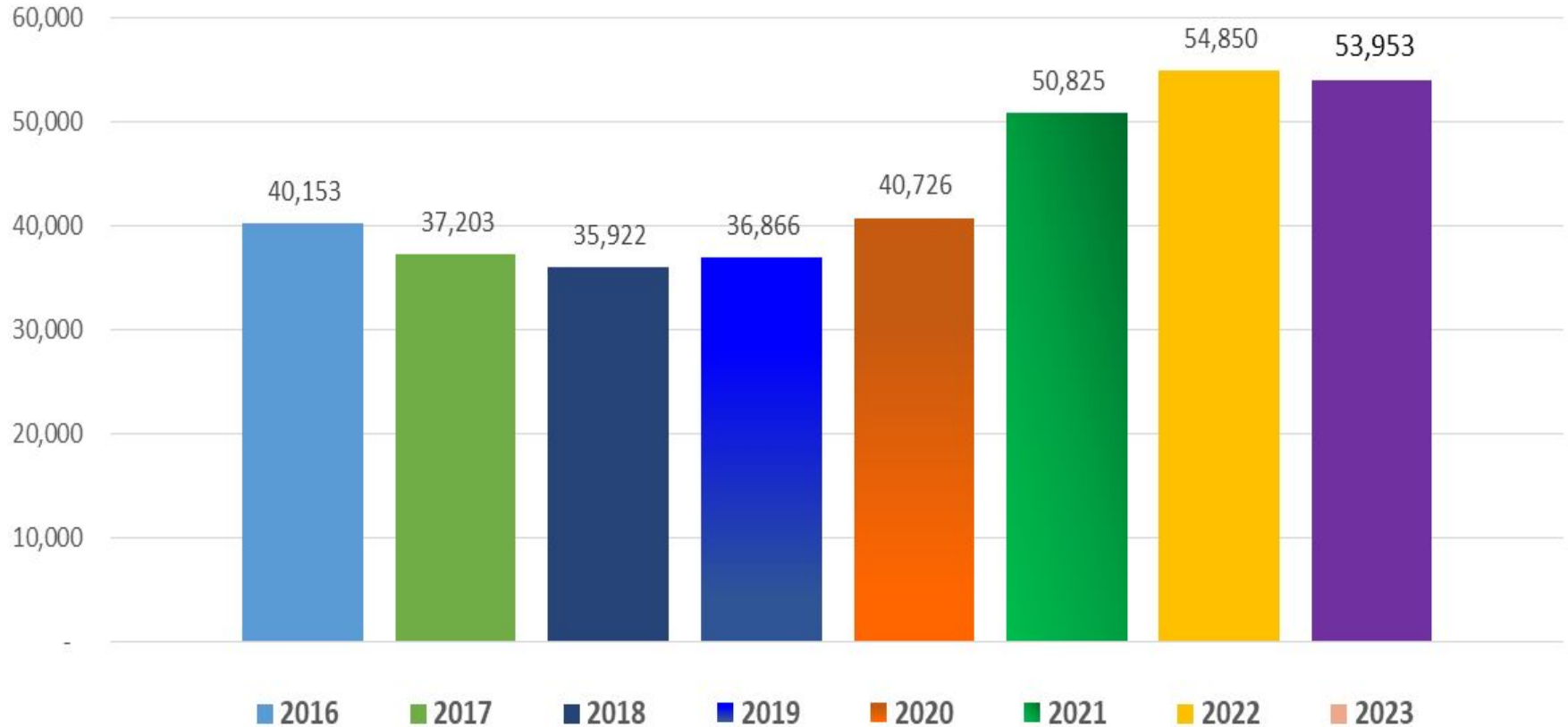
- Analysis of specific metrics of importance
- Pivot tables developed for the meeting on pre-determined template/dashboards
  - Proportion of pediatric notifications
  - Proportion of DR TB
  - Proportion of bacteriologically confirmed TB
  - Tracking of the weekly performance against established **targets per week**
  - Tracking Cumulative performance from beginning of the year **up to the week in review**
  - This summary is then shared with all districts before the SR meeting for validation and analysis for inclusive participation.

## HOW IT IS DONE : BEYOND THE DATA

- The forum is used as a platform to
  - Showcase high performing facilities/districts/provinces
  - Share initiatives/activities yielding positive results
  - Share activities they did differently in the week before
  - Replicate positive initiatives/activities elsewhere
  - Low-performing facilities/districts/provinces encouraged to catch up and contribute to national targets in the process
  - Lively debate usually ensues with more than 80 participants logging into the Zoom call on a weekly basis at 2:00 pm every Thursday.
  - **[Link to TBSR Report Week 38 2023](#)**

# THE RESULT:

## TOTAL NOTIFICATIONS IN ZAMBIA, 2016 - 2023



## CHALLENGES AND VISIONS FOR THE FUTURE

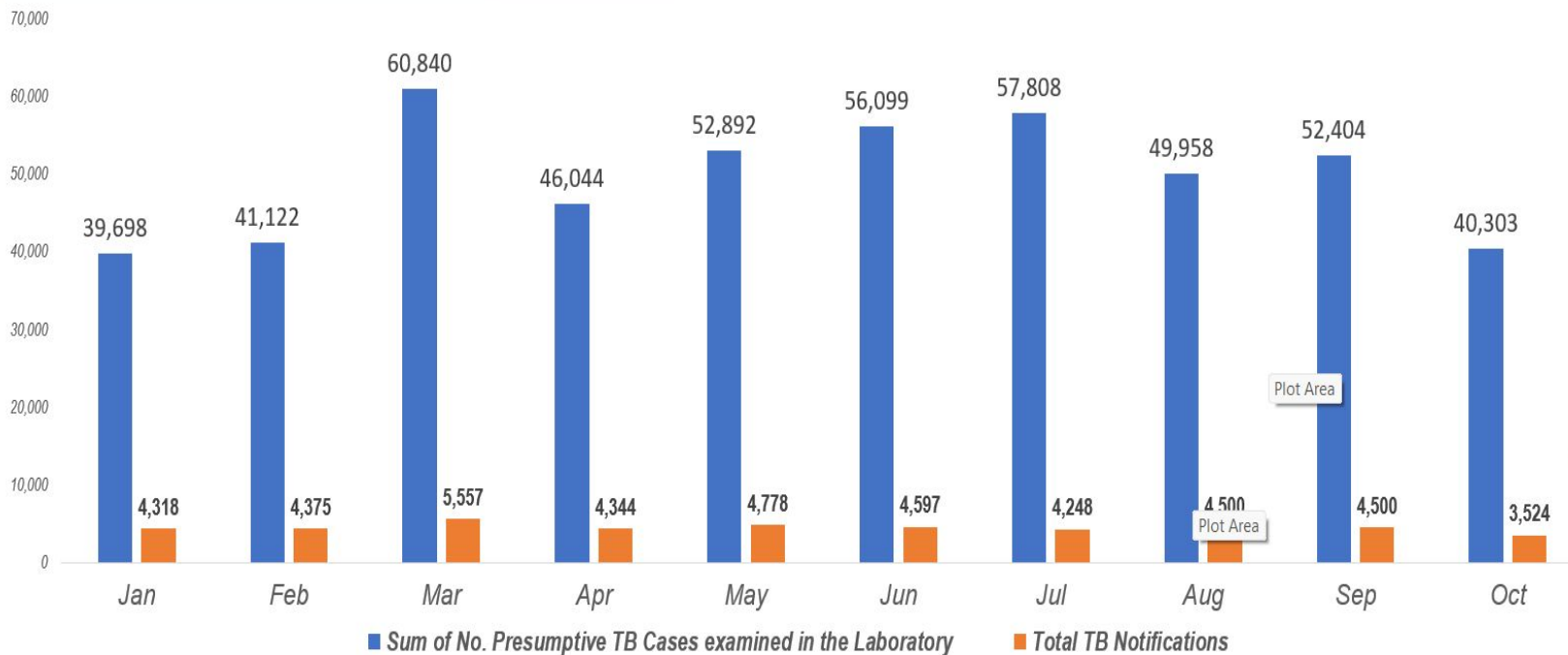
**The TB Situation Room is conducted 11 times each week in the country**

- Provincial teams conduct their versions **before** the national meeting
- Technological considerations critical
  - 26,600 records in excel is not very efficient
  - Web-based applications recommended option
  - DHIS2
  - Power BI
  - Other API capable solutions
- If possible, align TBSR KPI data with routine notification formats
- An important tool for case finding in TB programming (program and project level)

## Optional Slides

# TB Weekly Surveillance Dashboard\_1

## 1. Monthly trends - Presumptive TB & notificatio (Up to 22 October, 2023)



- Province
- Central
  - Copperbelt
  - Eastern
  - Luapula
  - Lusaka
  - Muchinga
  - Northern
  - North-Western
  - Southern
  - Western

- District
- Chama
  - Chasefu
  - Chavuma
  - Chembe
  - Chibombo
  - Chiengi
  - Chifunabuli
  - Chikankata
  - Chilanga

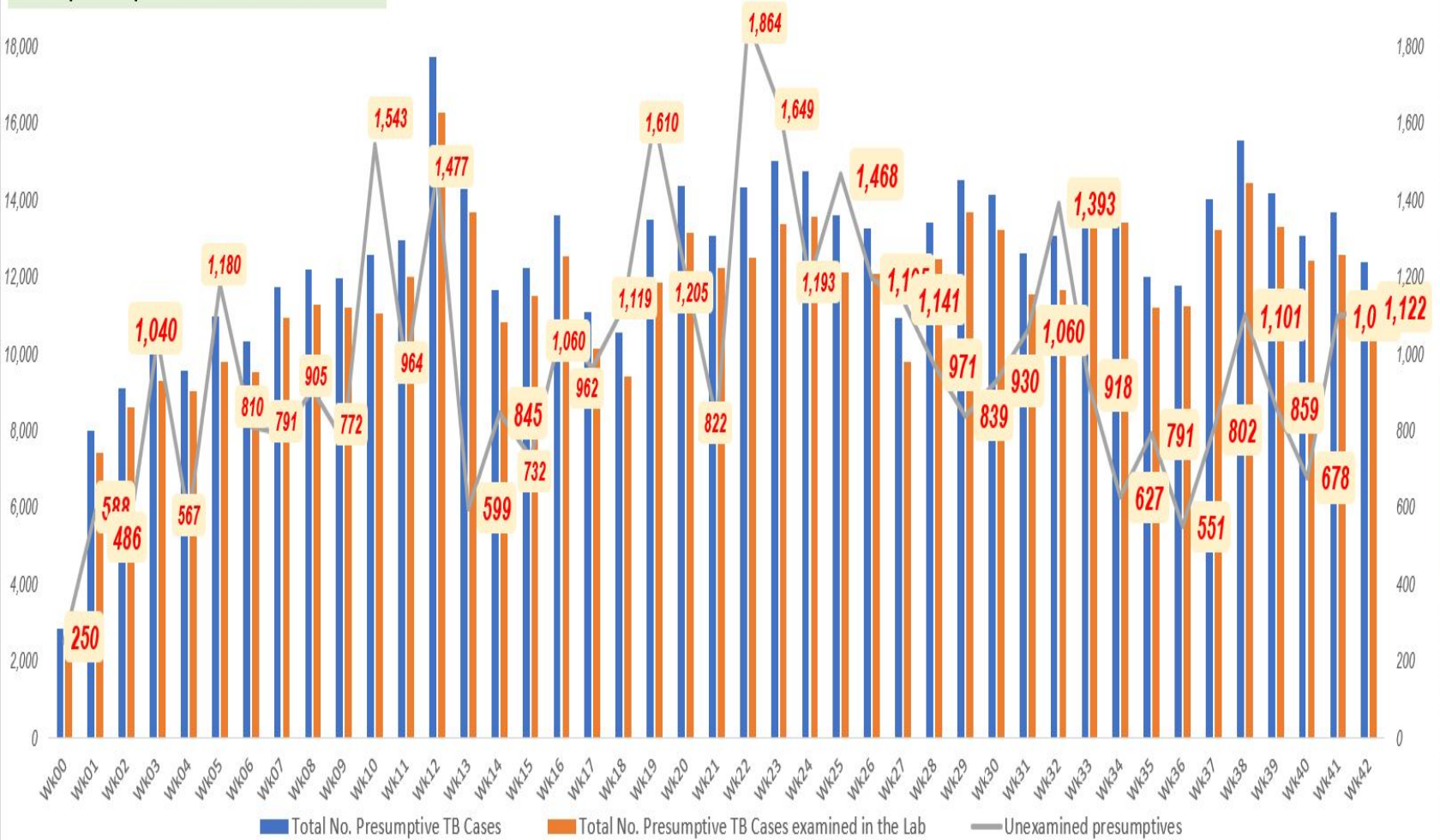
## 2. Trends - Presumptive TB cases identified vs examined in the lab



Year

- 2021
- 2022
- 2023

3. No. presumptives unexamined in the lab



Province

Central Copper...  
Muchinga Northern

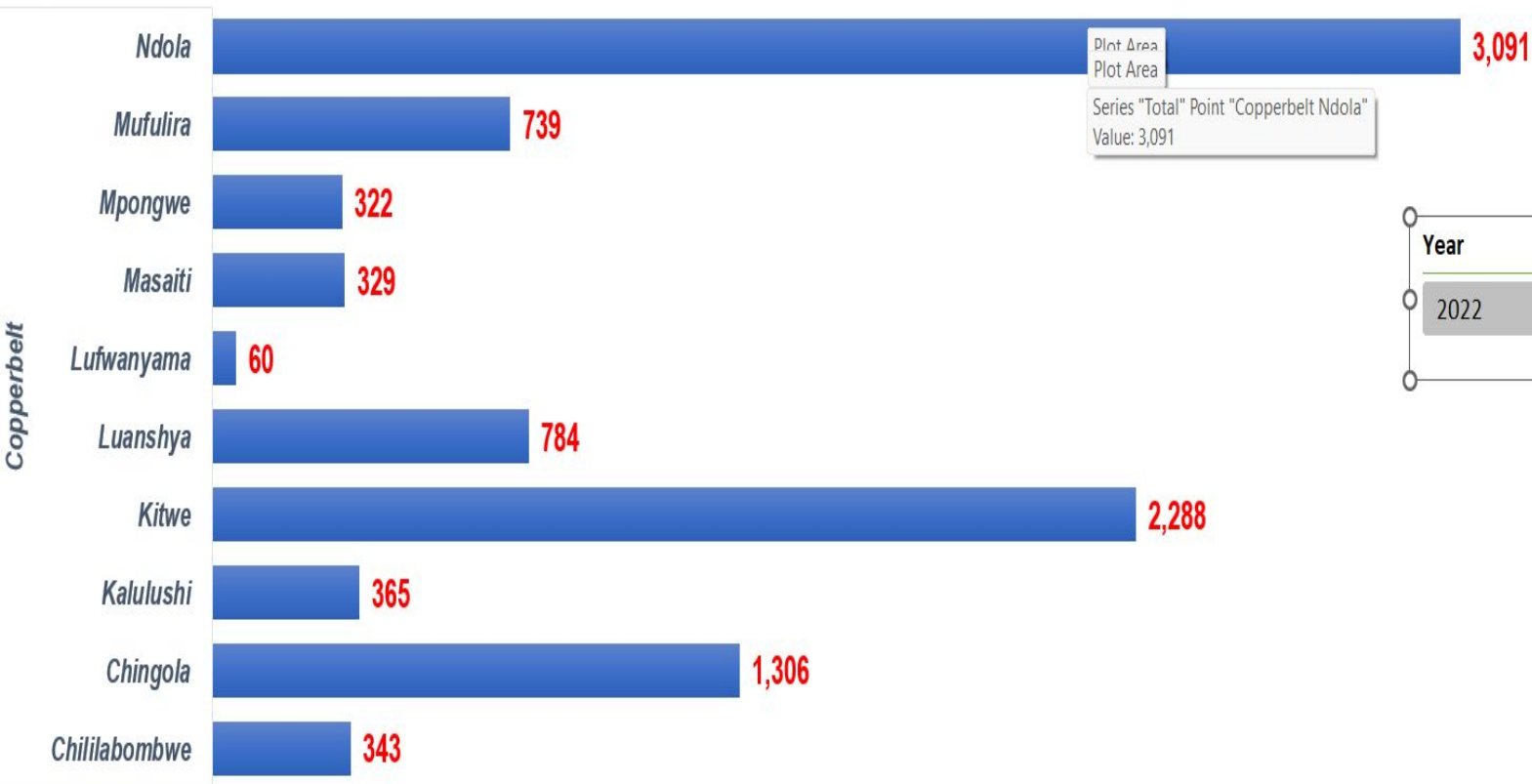
District

Chadiza Chama  
Chibombo Chiengi

Year

2021  
2022  
2023

## 11. Total TB notifications (Province & District)



Province

Central

Copper...

Muchi...

Northern

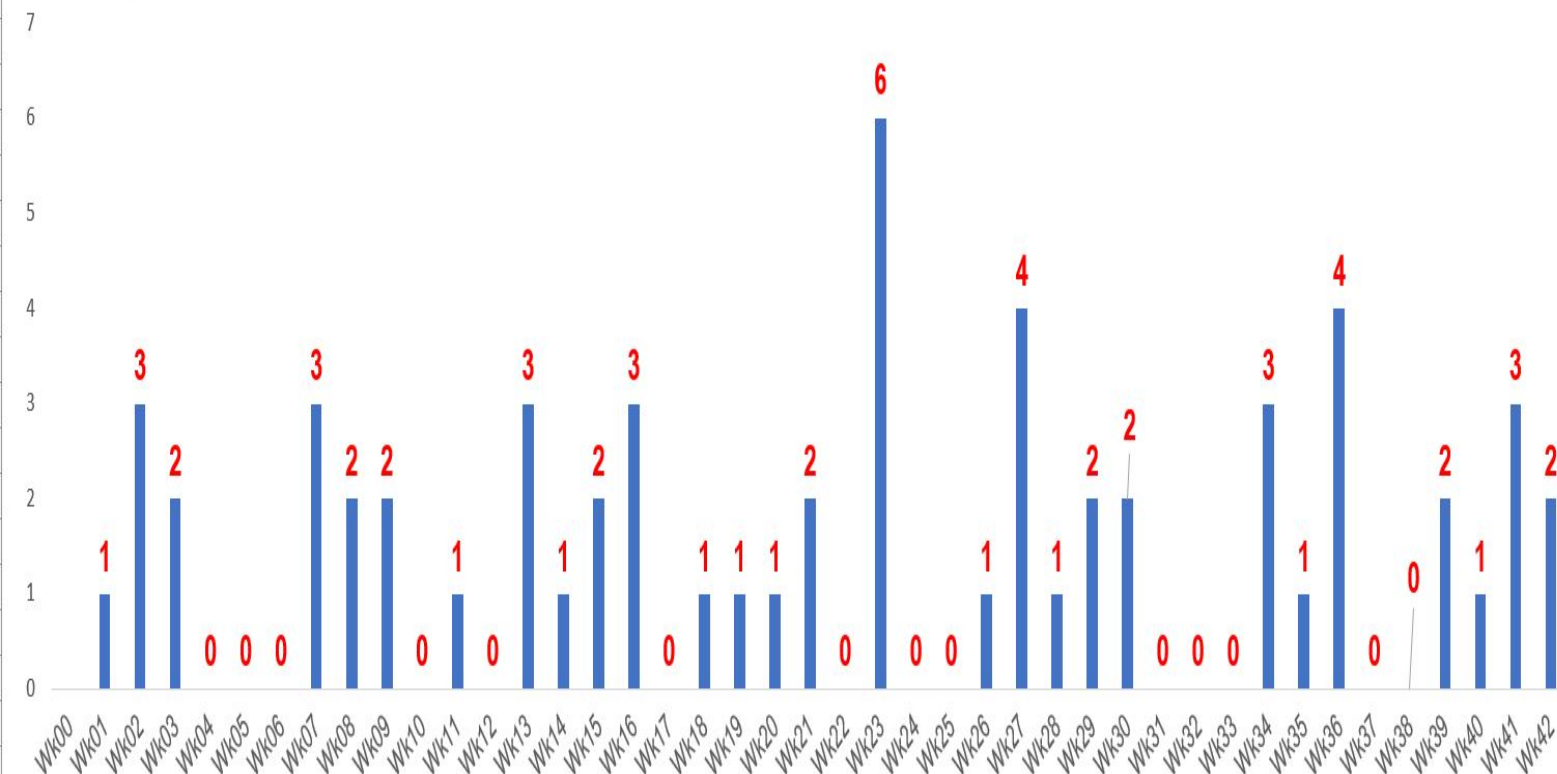
Year

2022

2023

Province

## 12. Weekly Trends - TB notifications



Province

Coppe...

Central

Eastern

Muchi...

North...

North...

District

Chililabo...

Chingola

Kalulu

Luanshya

Lufwany...

Masai

Mufulira

Ndola

Chadi...

Chasefu

Chavuma

Chem...

Chiengi

Chifunab...

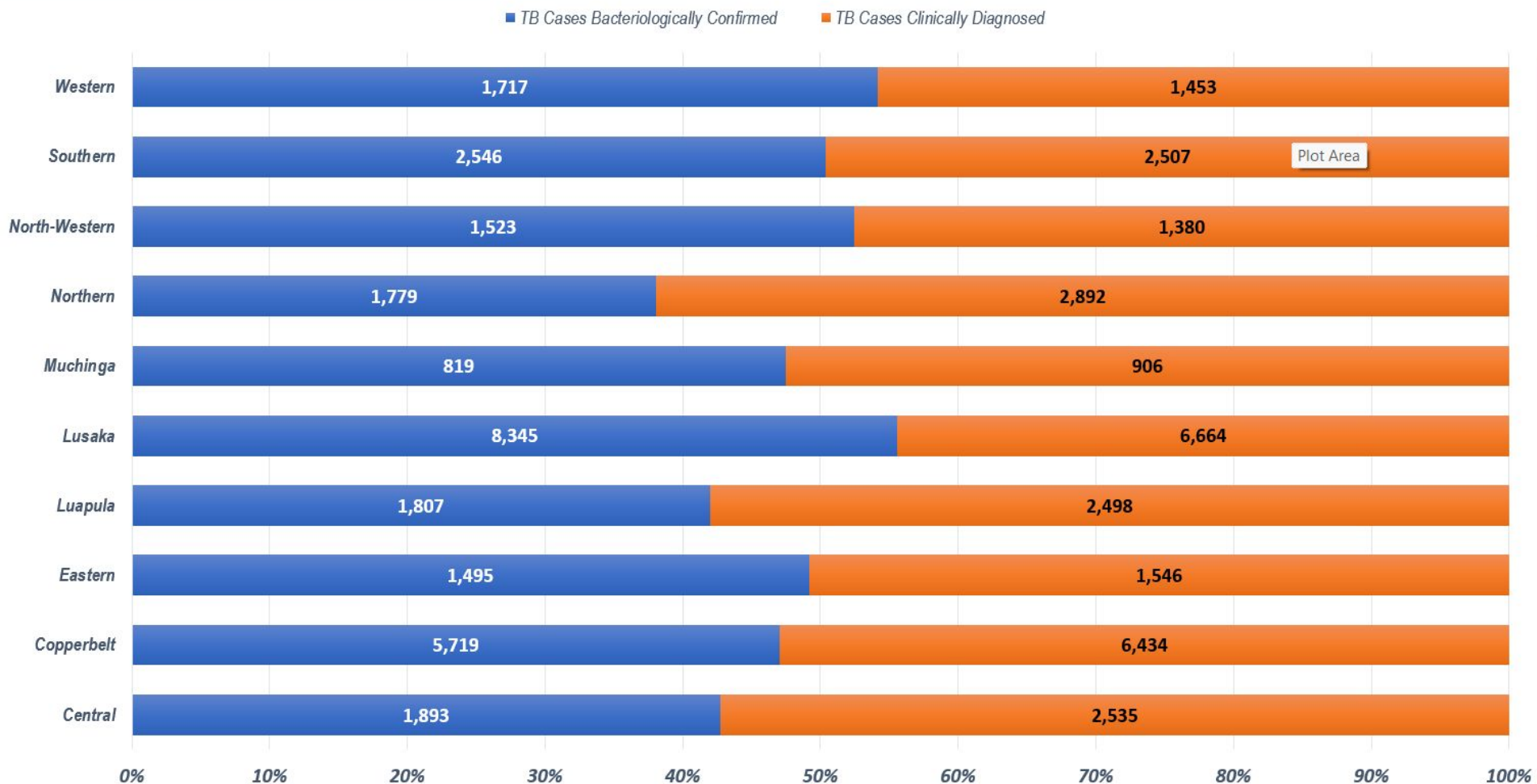
Chikar...

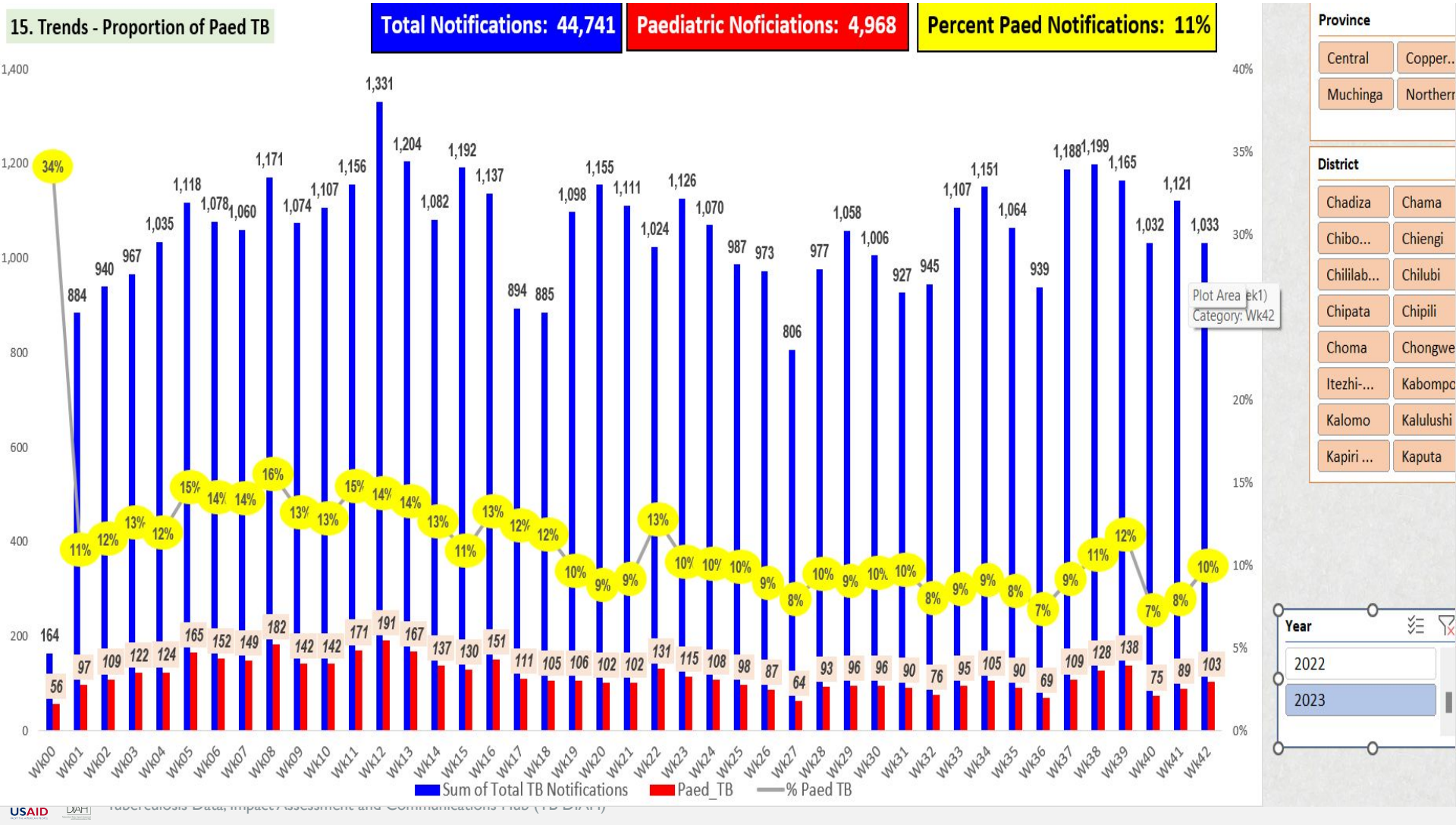
Year

2022

2023

#### 14. - Bacteriologically confirmed Vs Clinically Diagnosed



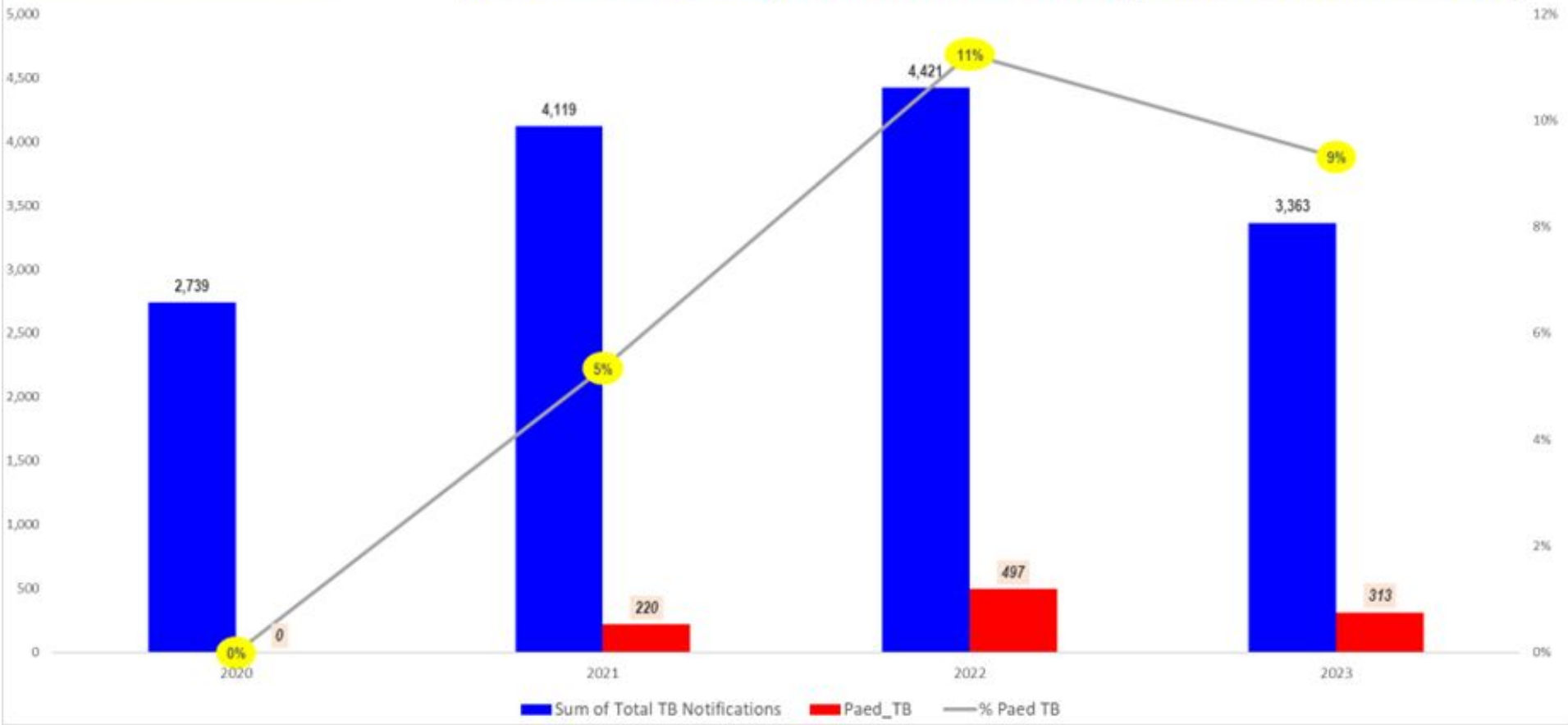


15. Trends - Proportion of Paed TB

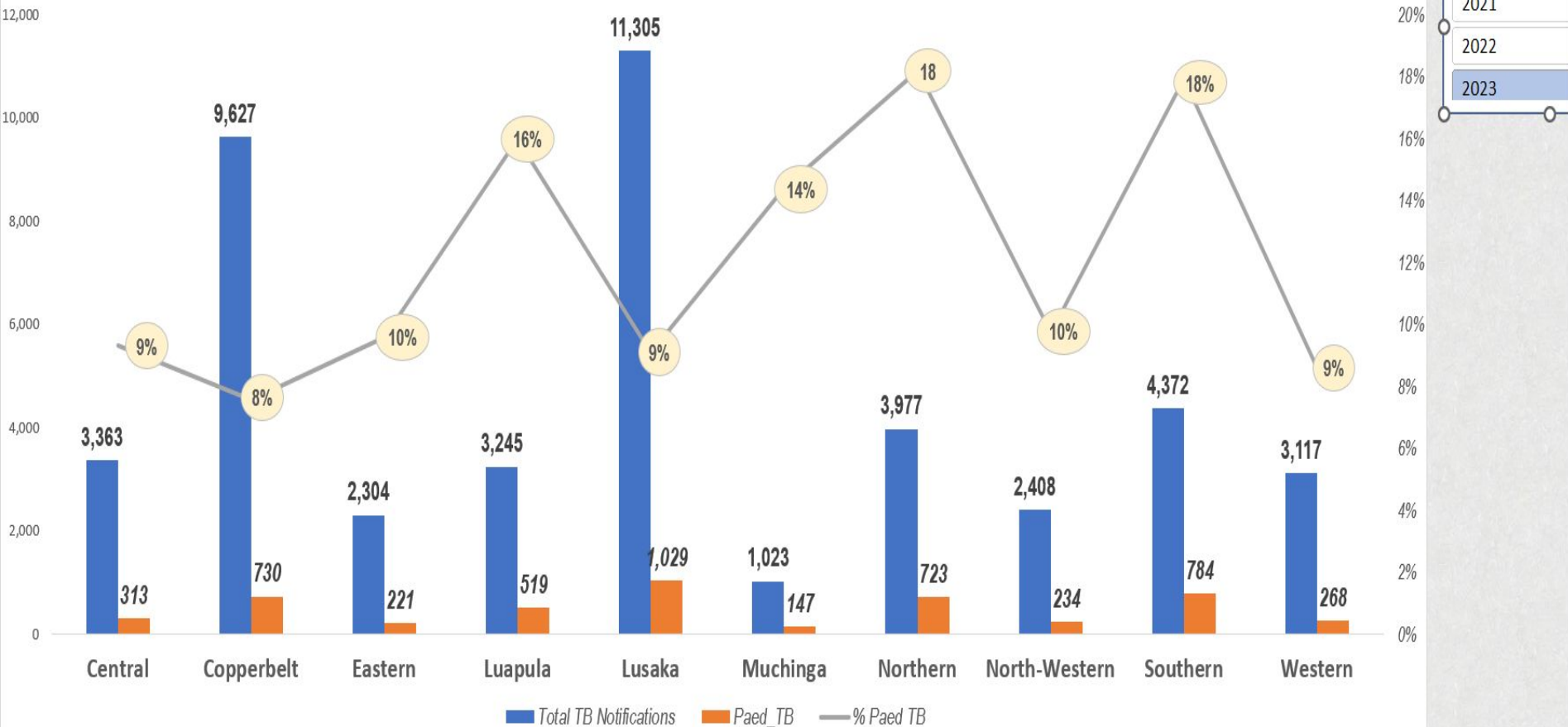
Total Notifications: 14,642

Paediatric Notifications: 1,030

Percent Paed Notifications: 7%



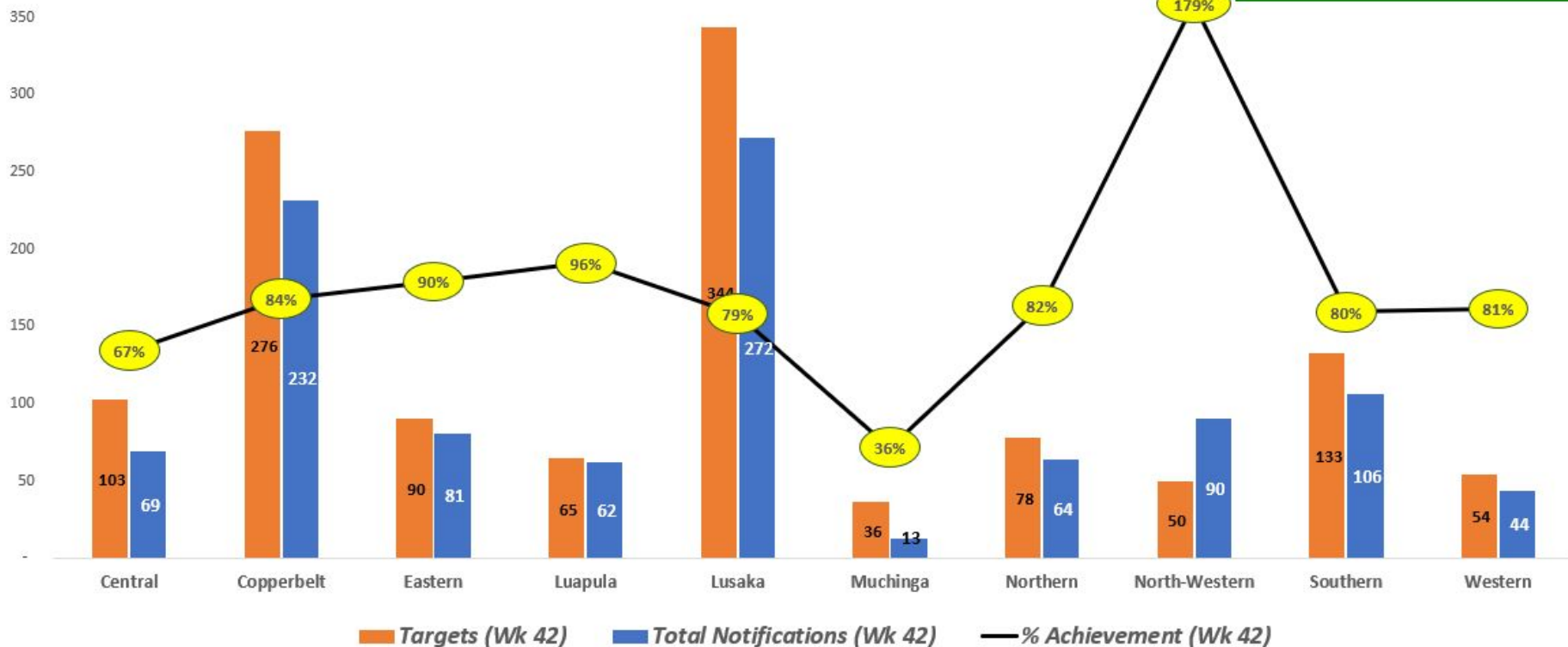
## 16. Proportion of Paed TB by province



Plot Area Week1)  
40 Category: Wk42

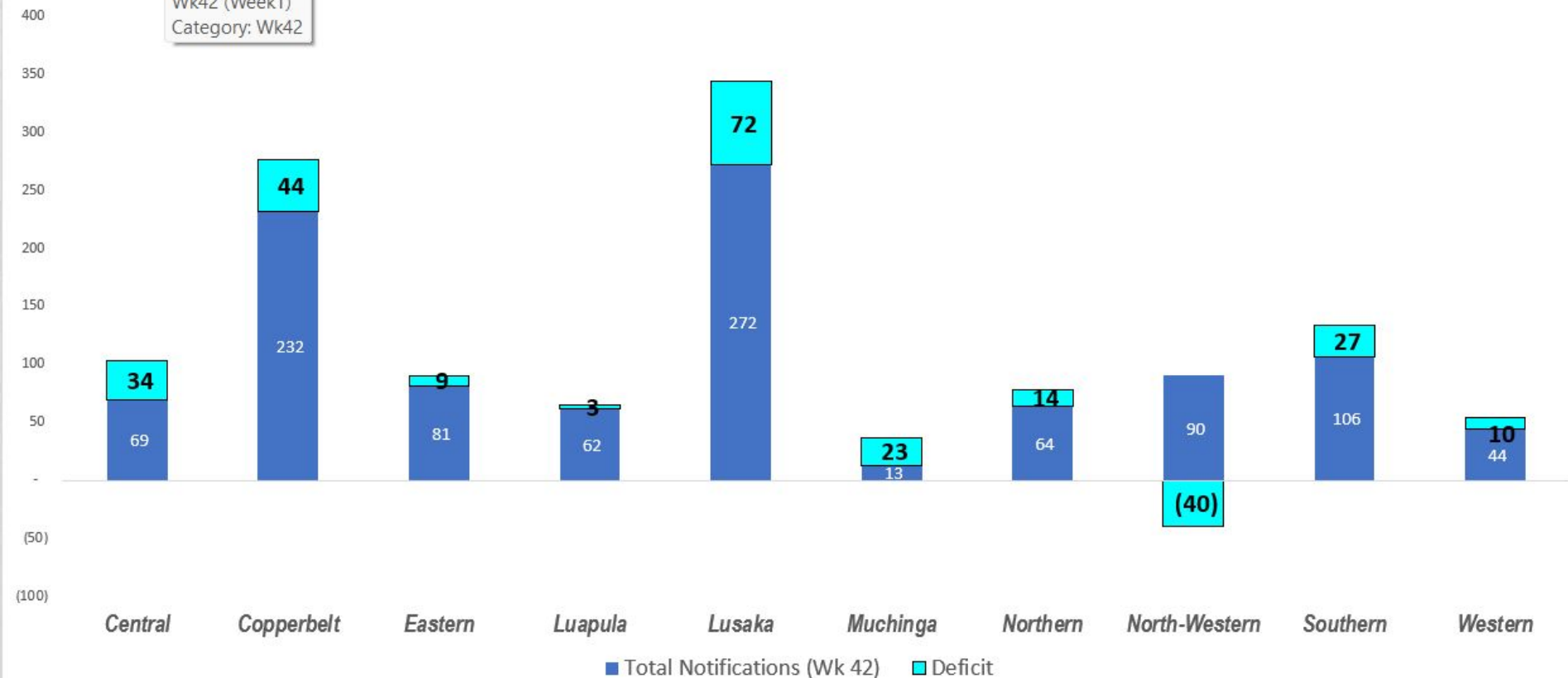
## Weekly achievement against Notification Target (Week 42)

**Weekly Target : 1,231**  
**Weekly Notifications : 1,033**  
**Percent Achievement : 84%**



## Weekly achievement against deficit for the weeklytarget (Week 42)

Wk42 (Week1)  
Category: Wk42



Category: Wk42

Chart Area

## Achievement against Notification Target (up to Week 42)

**Cumulative Target : 51,692**  
**Cumulative Notifications : 44,741**  
**Cumulative Percent Achievement : 87%**

16,000

14,000

12,000

10,000

8,000

6,000

4,000

2,000

0

Central

Copperbelt

Eastern

Luapula

Lusaka

Muchinga

Northern

North-Western

Southern

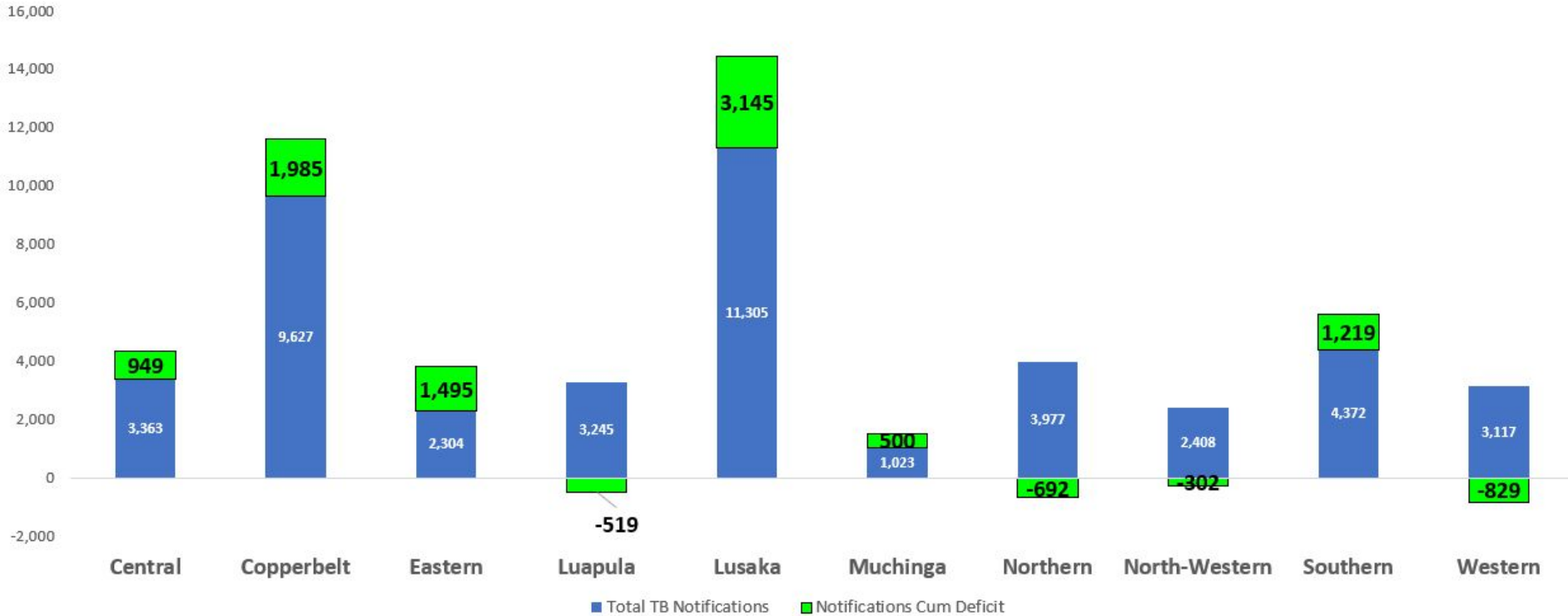
Western

Target (up to Wk42)

Total TB Notifications

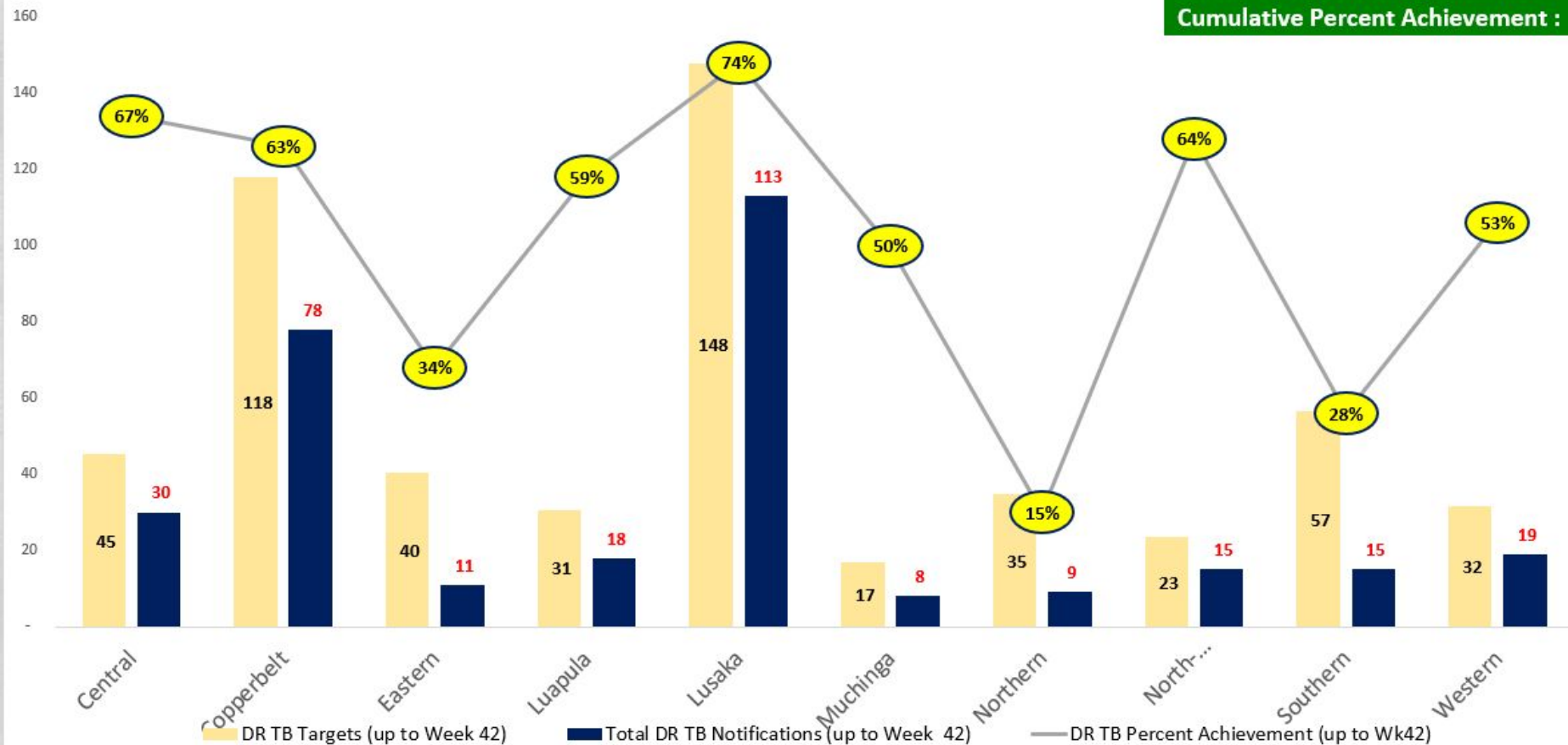
Achieved (%) (up to Wk42)

## Cummulative Notification vs Cumulative deficit (up to Week 42)

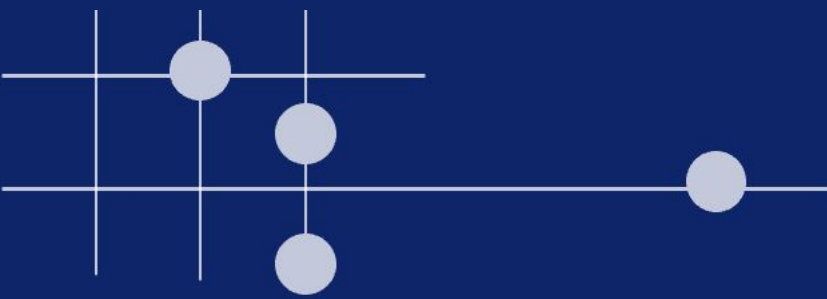


## Achievement against DR-TB Notification Target (up to Week 42)

**Cumulative Target : 545**  
**Cumulative Notifications : 316**  
**Cumulative Percent Achievement : 58%**



# Thank You



# Nigeria's TB Situation Room

# Nigeria TB Situation Room

*..... for real-time decision making*



**Dr. Obioma Chijioke-Akaniro**  
National Tuberculosis, Leprosy and Buruli Ulcer  
Control Programme


# *Collaboration, Communication & Control*

Our TBSR has become a discovery place for us  
A cozy quiet place where everything makes a meaning  
Real time tracking (DRS, Child Testing Week, Triangulations)

**The Drug Resistance Survey Data management room using Tele-conference**

- Validation of each entry
- Tele-connect for any flagged site
- Everyone views the flagged entry
- Corrections real-time






National Tuberculosis Testing Week for Children 22nd - 26th May, 2023

# EVERY CHILD'S LIFE MATTERS

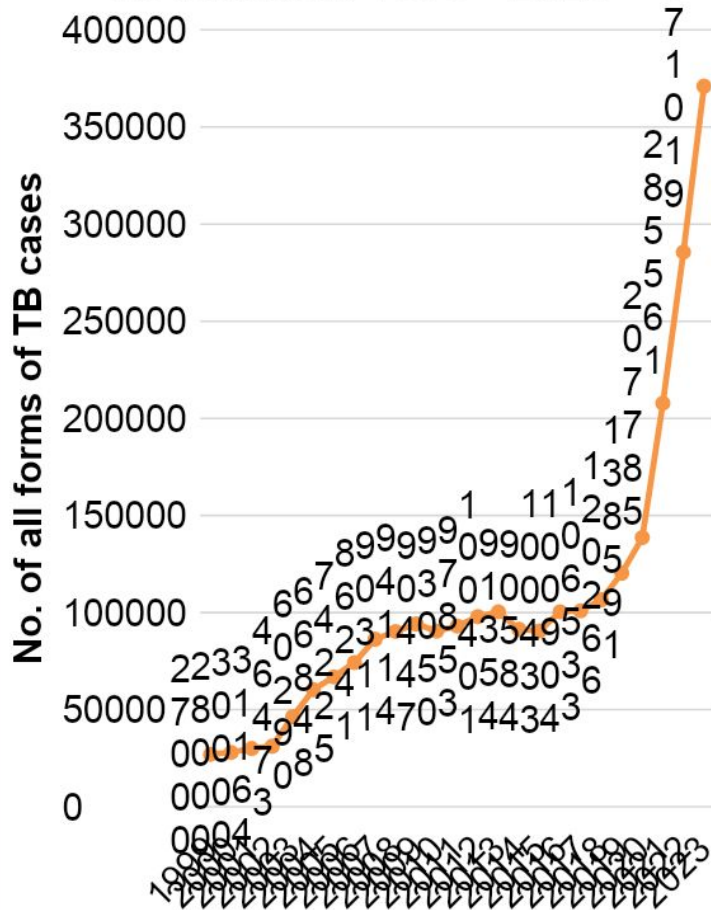
For more information: Call the TB hotline at **3340** or dial **\*3340#**

Powered by National Ministry of Health



Location of activity	Child TB diagnose	Percentage
Religious Centre	69	5.7%
OVC	15	1.2%
Children ward	15	1.2%
Community management of Acute malnutrition	13	1.1%
Hard to reach community screening	41	3.4%
IDP Camps	5	0.4%
Infant/children welfare	9	0.7%
Nutrition clinic screening	153	12.7%
OPD Screening	243	20.1%
School based screening	340	28.1%
Street children screening	212	17.5%
Urban slum community screening	93	7.7%
<b>Total</b>	<b>1208</b>	

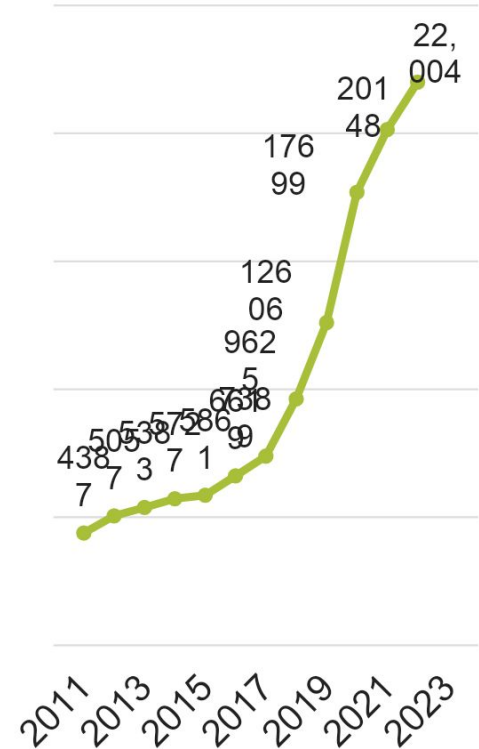
## National Trend in TB case notification 1999 - 2023



*Why Nigeria established a TBSR.....***LARGE DATA, Numerous entry points**

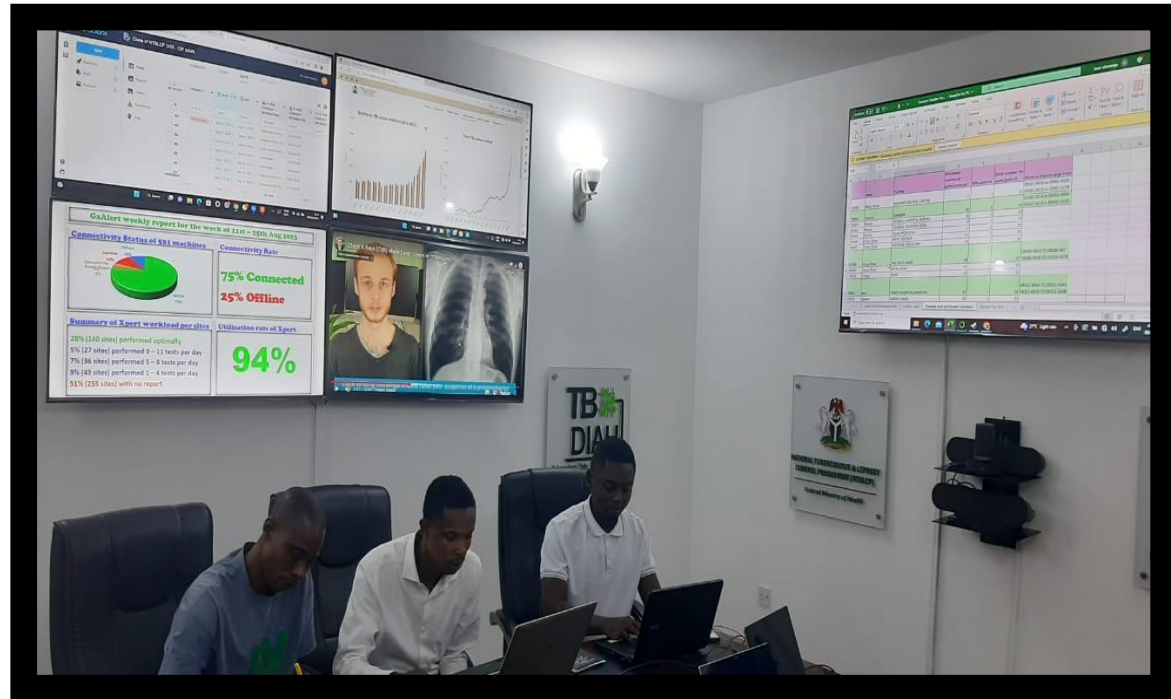
- A country of >200 Million pop.
- TB burden of almost 500,000
- Screening cascade starts with millions of person requiring analysis
- Data input growing as more patients were identified requiring Visibility along care cascade
- Loads of indicators fed by different variables along care continuum

## Dots sites

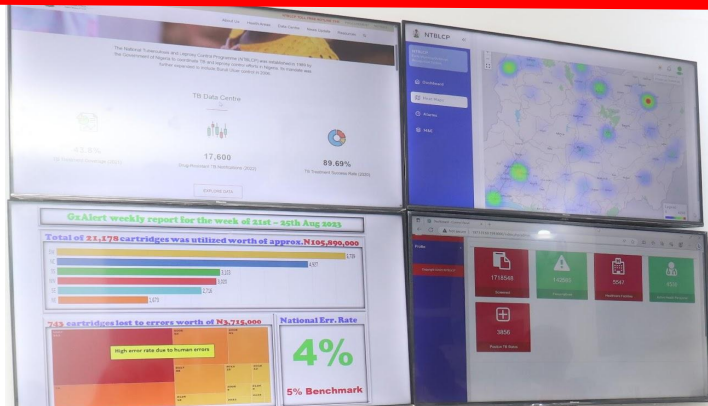


# The Format Nigeria TBSR takes: Virtual, Physical

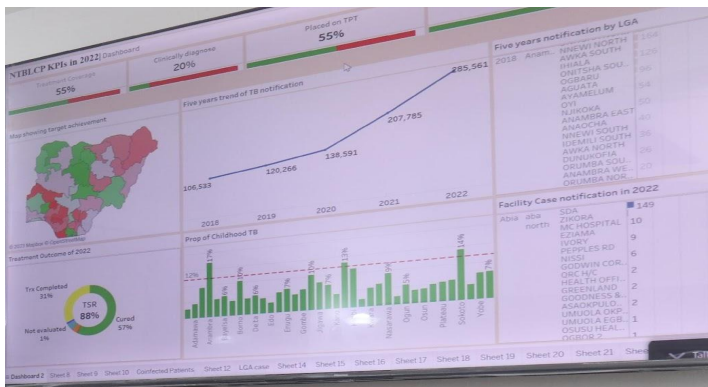
- Data entry, more than 22,000 facilities (Public & PPM)
- More than 3000 community TB workers Nationwide,
- About 500 Xpert sites



# Launching of the situation room



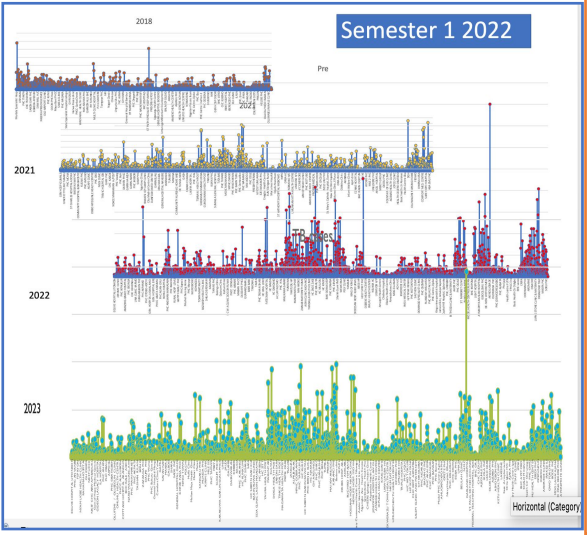
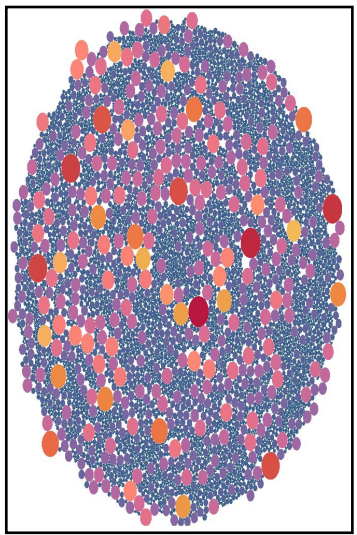
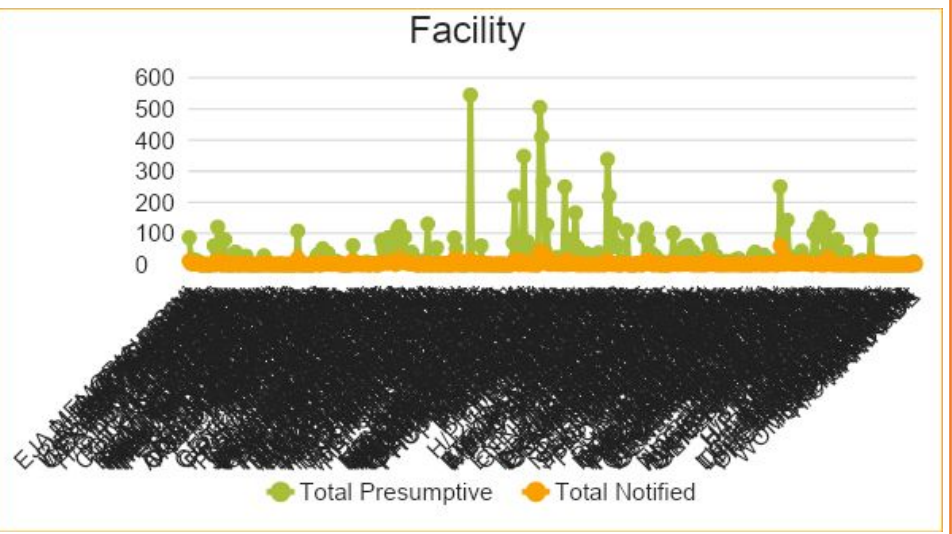
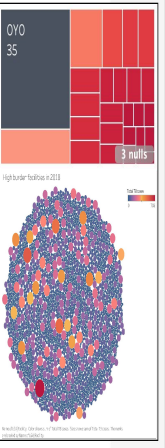
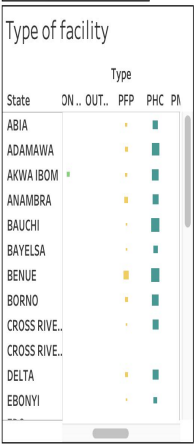
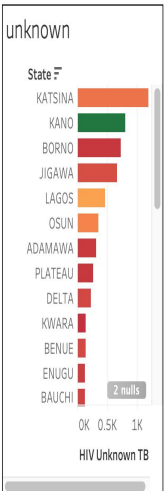
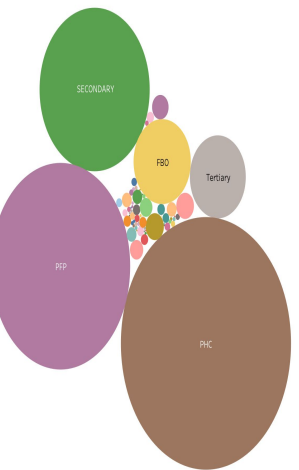
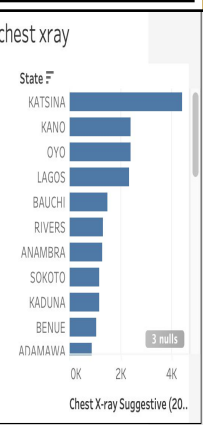
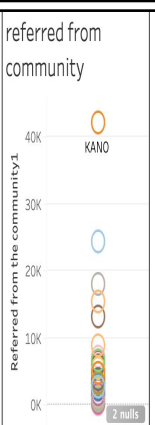
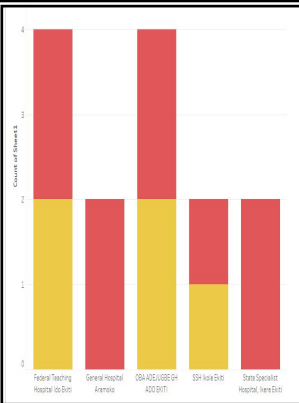
**Web and Electronic App Dashboards: MATS, EWORS, NTBLCP website**



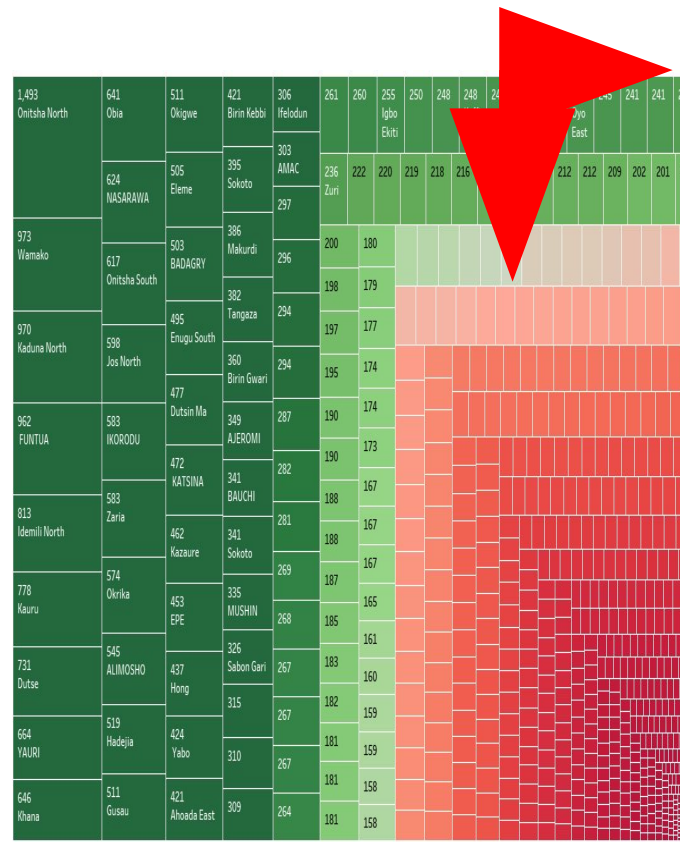
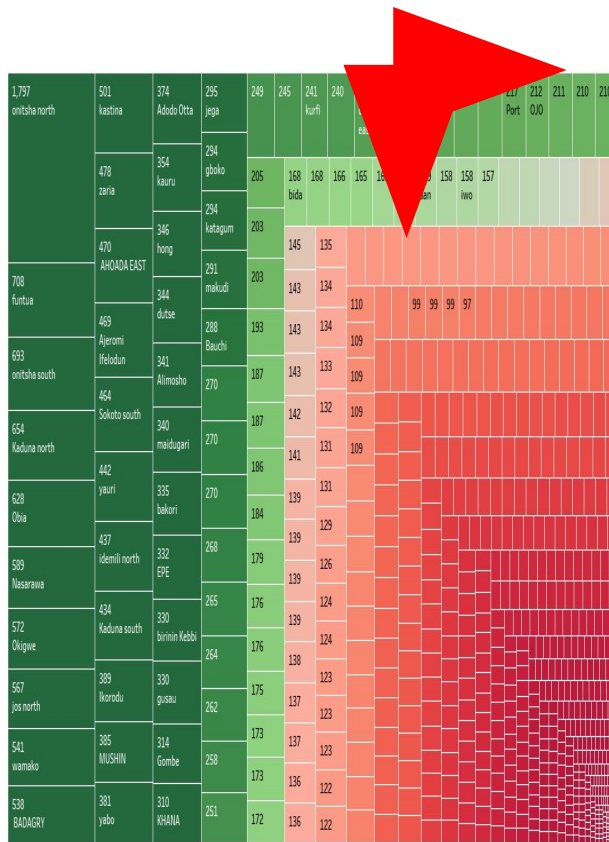
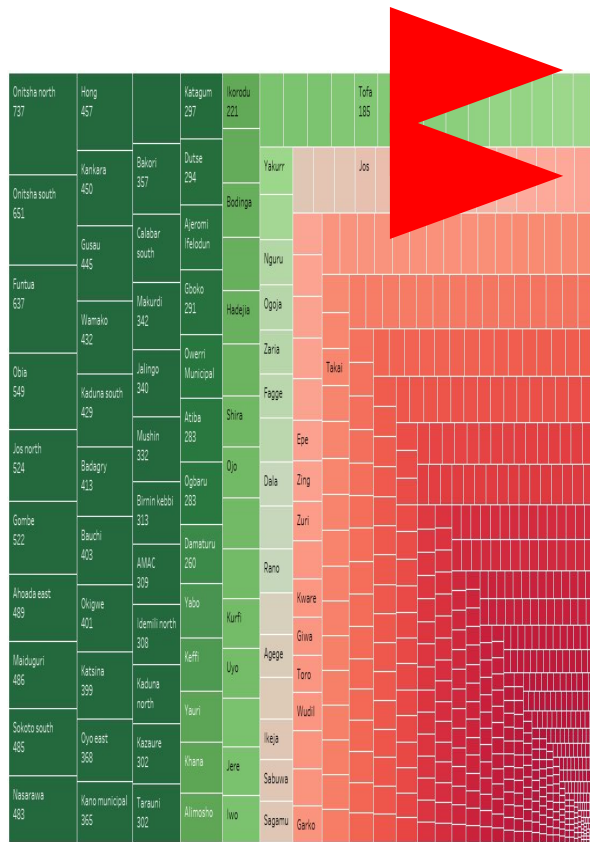
**NTBLCP Tableau Dashboard**



# Interactive Data visualization

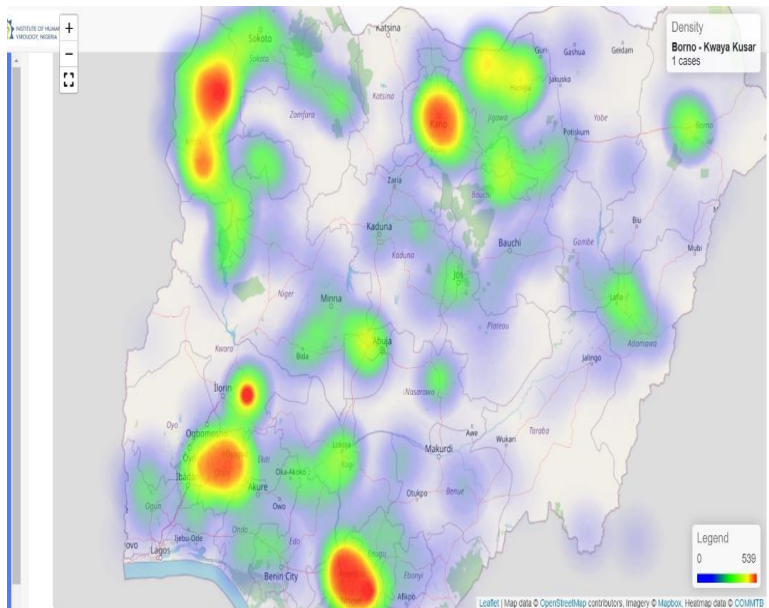


# Utilization of chest X ray in 2021, 2022, 2023

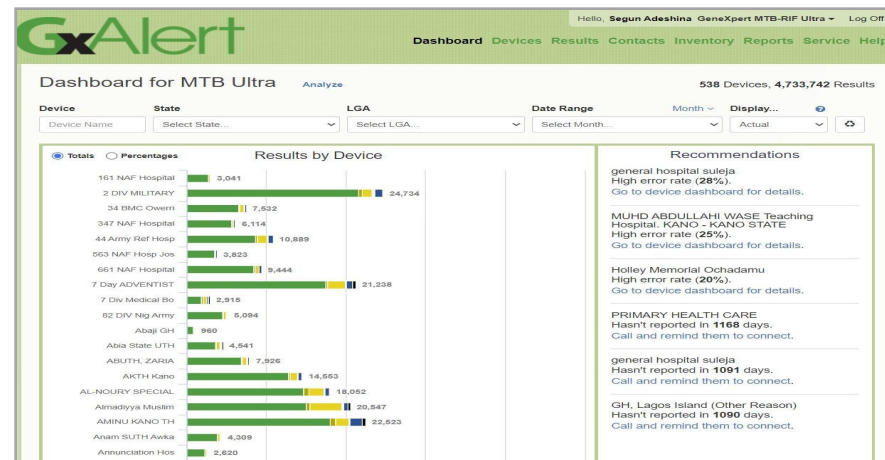
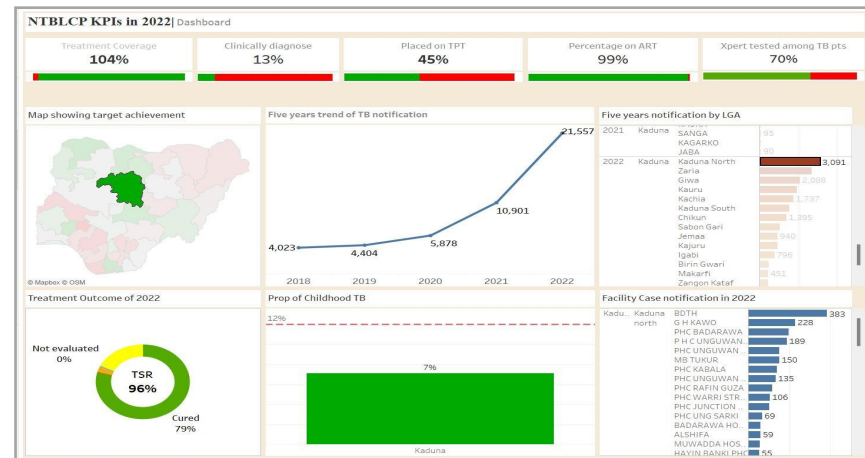


# LIVE & REAL TIME

Comm-TB maps hotspot by  
community/ward level in the EWORS  
More precise for targeted case finding



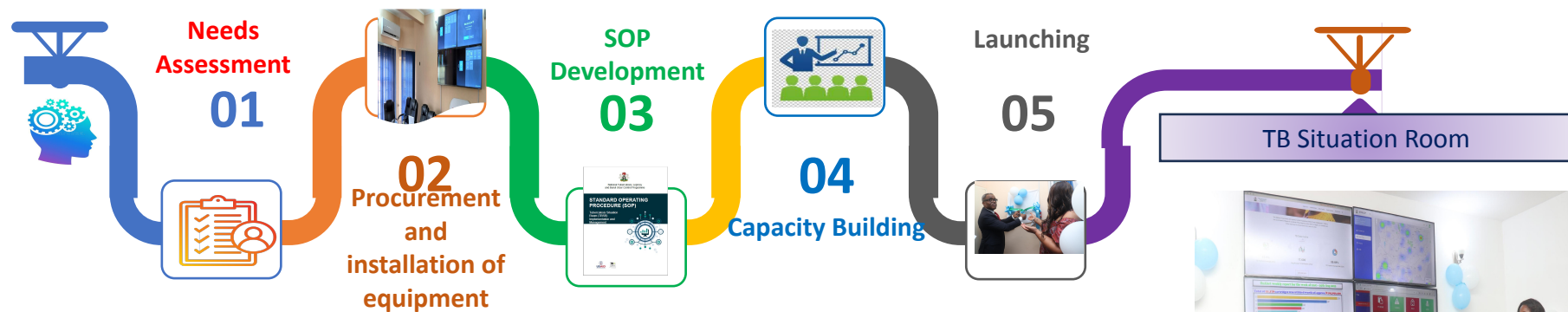
# Multi- layered data review and analysis



# Set up and its challenges;

Overcame the challenges

Have a common goal and a plan



## Key Features

Access to real-time or near real-time data

Multi-layered data review and analysis

Data visualization

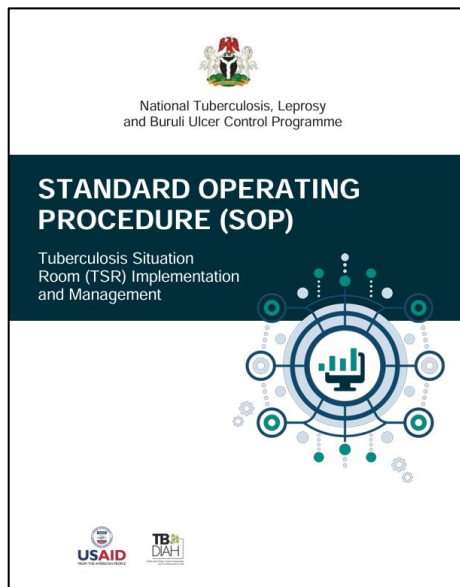
Collaboration and communication tools:

Data security and privacy



**TB Situation Room:** Data sharing platform, enables the display of information in dashboards, enhance data use and decisions making to improve the quality of TB services.

# SOP helps for maintenance and mitigating misuse



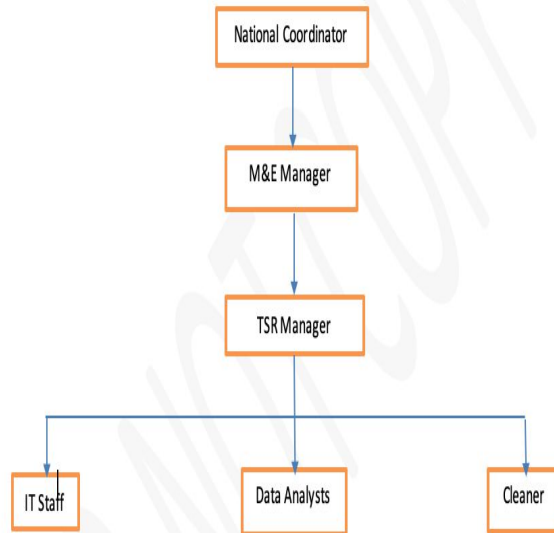
## Safeguard against tempering by unauthorized users

Keep door to the TSR always locked when not in use. Visitors must have a scheduled appointment to access the TSR. Make available a visitor register and visitors must sign in and out whenever they visit the TSR. Non staff must be accompanied by a staff while in the TSR. Non staff must be granted permission before operating any of the TSR devices

## Coordination:

The NC will coordinate the activities of the TSR through the M&E unit of the programme. A bi-monthly coordination meeting will be held with the staff of the TSR to monitor progress, achievements, identify and address affecting optimal functioning of TSR and data use.

## Organogram at the National Level



Version : 1

Effective Date: 1<sup>st</sup> Oct. 2022

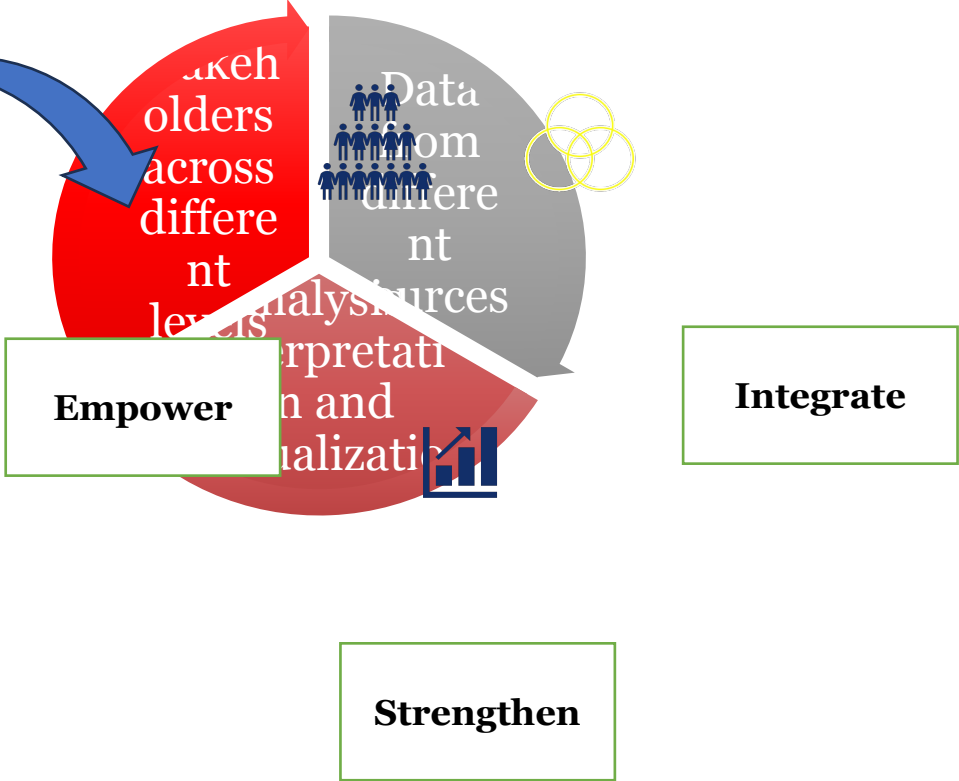
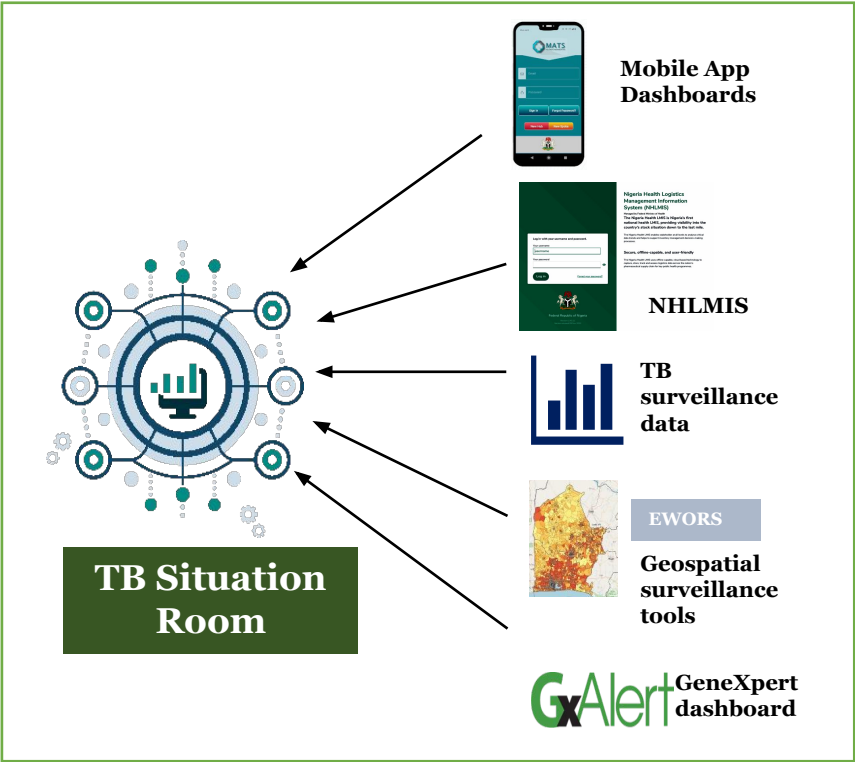
The roles and responsibilities of the TSR staff are as follows

Staff	Roles
TSR manager	<ul style="list-style-type: none"><li>• Ensure effective functioning and administration of the TSR</li><li>• Develop weekly meeting schedules to analyses data, develop &amp; track action plans and provide feedback.</li><li>• Develop weekly/monthly report on activity of the TSR and disseminate as appropriate.</li><li>• Identify training needs of the data source (facilities, LGA &amp; communities)</li><li>• Organize monthly data use meetings with all stakeholders</li><li>• Produce actions plan, monthly &amp; quarterly bulletin.</li><li>• Perform any other duties that may be assigned by STBLCPM&amp;E Officer.</li></ul>
Data Analyst	<ul style="list-style-type: none"><li>• Review data sent in from the data source (facility, LGA, State, Community, partners and other programs).</li><li>• Identify and communicate gaps in the data to the source within a day</li><li>• Support the source to correct and address the gaps as appropriate</li><li>• Conduct data analysis and visualization of agreed indicators on the monitor using the standard template.</li><li>• Identify capacity gaps of the data source and communicate to the TSR manager</li><li>• Ensure electrical appliances are switched off at the end of the day</li><li>• Always ensure data security and confidentiality</li><li>• Ensure regular back up of data on the cloud and other sources</li><li>• Provide weekly/monthly report to the TSR manager</li><li>• Perform any other TSR related duties assigned by the</li></ul>
IT officer	<ul style="list-style-type: none"><li>• Provide IT support to ensure effective functioning of the TSR including holding of schedule meetings</li><li>• Ensure safeguard and maintenance of IT equipment always</li><li>• Ensure functionality and regular maintenance of the equipment, electrical appliances, laptops, monitors, etc in the TSR</li><li>• Provide regular update of software, internet facilities in the TSR</li><li>• Perform any other TSR related duties assigned by the TSR manager</li></ul>
Cleaner	<ul style="list-style-type: none"><li>• Ensure regular cleaning of TSR and good ambience for meetings.</li><li>• Ensure TSR is appropriately locked at the close of business and submit key to the assigned security unit.</li><li>• Perform any other TSR related duties assigned by the TSR manager</li></ul>

# Results and Opportunities



utilization: NTP Manager and team



# Lesson Learnt

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## From Establishment

- Set an agreeable goal
- A rapid assessment isn't a waste of time
- Don't assume the process of use and maintenance, have an SOP handy developed with stakeholders
- SOP is the tool to mitigate misuse

## TBSR

- You haven't seen it all until its view is interactive
- Situation  
room-Justification  
room-conviction room-  
strategy room
- Have your keys focal persons in the room for reviews (informed decision)



NATIONAL TUBERCULOSIS, LEPROSY  
AND BURULI ULCER CONTROL  
PROGRAMME (NTBLCP)

Federal Ministry of Health

## National Tuberculosis, Leprosy and Buruli Ulcer Control Program, Nigeria

Thank  
You

Nagode

Sosongh  
o

Avo

Anya

Ese

Imela

Daalu

Sam o

Deeme

Una do  
well

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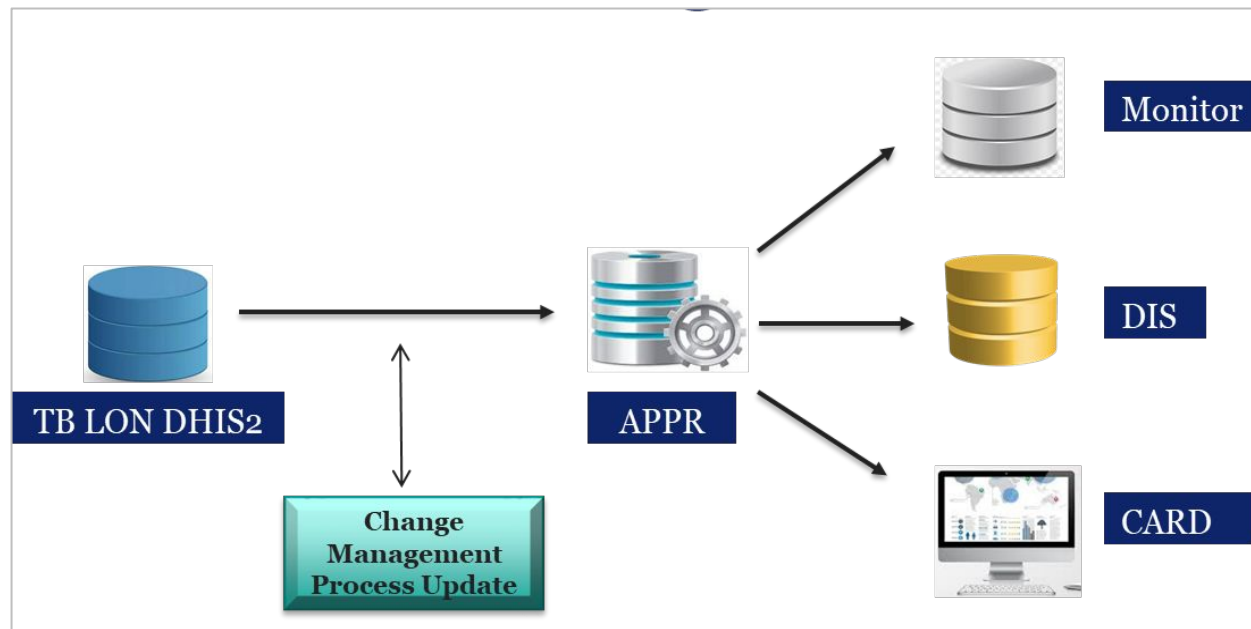
# **Nigeria's Automatic Partners Progress Report (APPR)**

# Outline

- Introduction to the APPR
- APPR development and process flow
- APPR architecture
- Alignment of Performance Based Monitoring and Evaluation Framework (PBMEF) and APPR—indicators and data elements
- APPR administrative maintenance
- Data quality in APPR
- Benefits of APPR

# APPR: What is it?

USAID HIV/AIDS & TB Office (HAT) data management platform configured on a DHIS2 backbone and architecture that enables seamless data integration across different data platforms and improves data quality by minimizing manual entries and data imputation errors



## Key:

TB LON: Tuberculosis Local Organization Network

APPR: Automated Partners Progress Report

DIS: Development Information Solution

CARD: Comprehensive Access and Review Dashboard portal

# APPR: Objectives



Optimize availability and ease of use of data

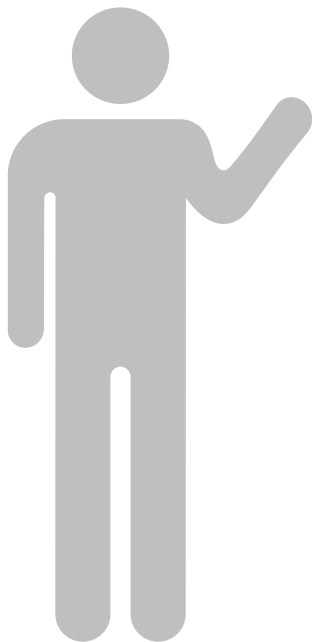


Provide strategic direction and oversight to ensure quality across the HAT PEPFAR data continuum



Facilitate ease of reporting and data exchange with other platforms

# Why APPR?



## Data Visibility

- Data visibility is enhanced so that the donor, and stakeholders can visualize the dashboard, performance indicators, and targets



## Data Use

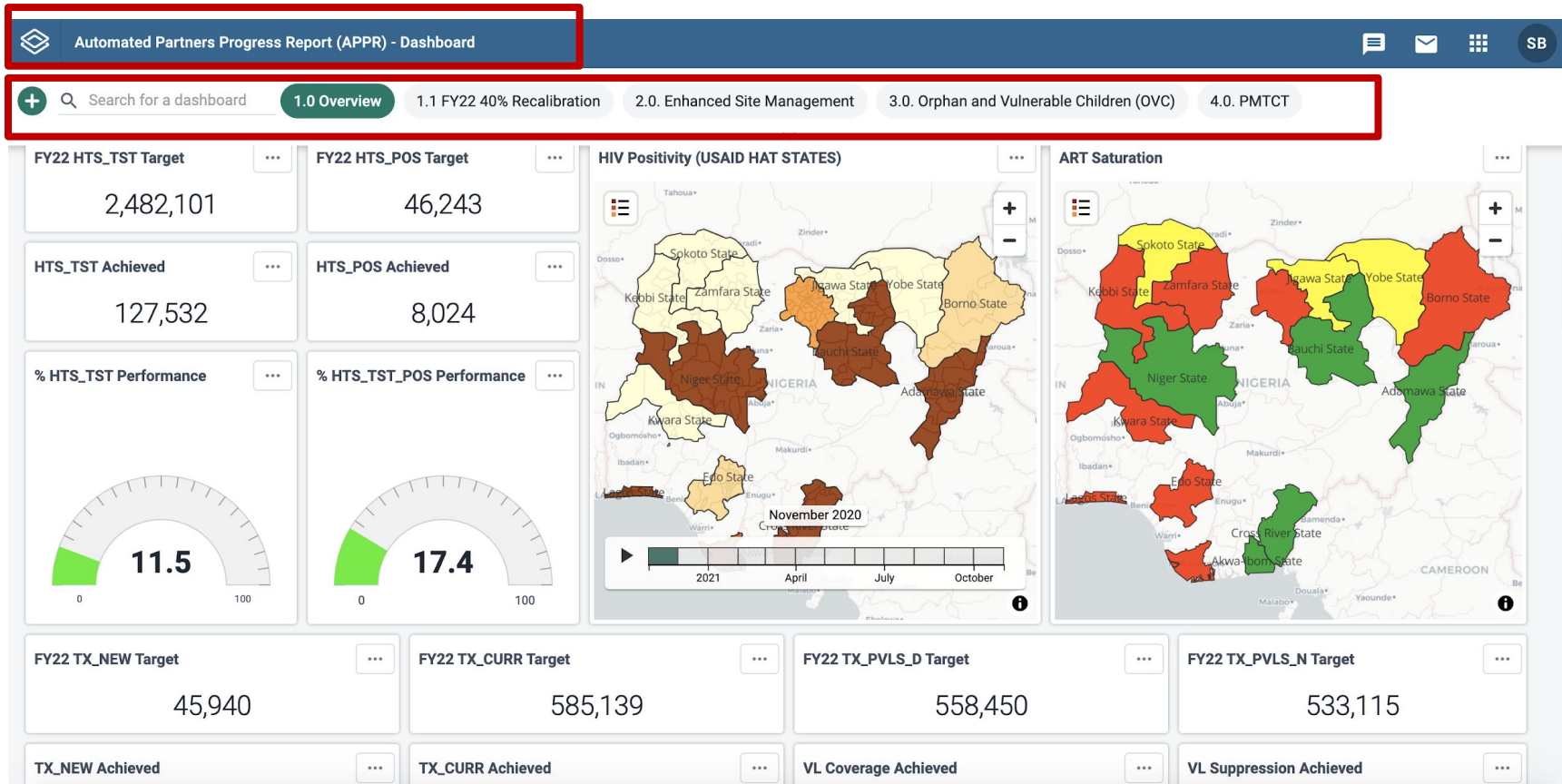
- Supports decision making and maximizes the use of data for real time performance monitoring of TB data



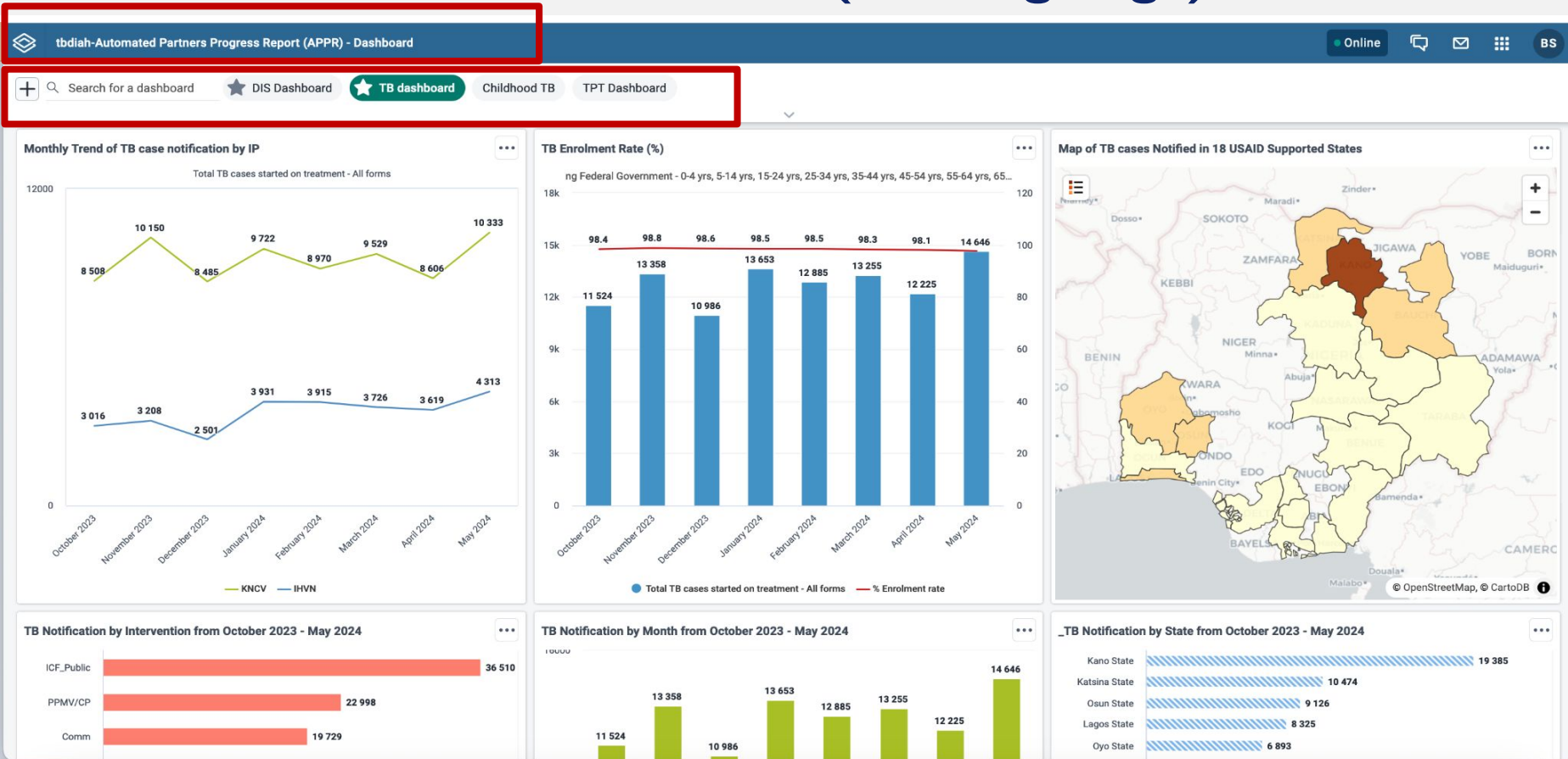
## Data Quality and Governance

- Data quality is assured, and data governance and organizational structure is entrenched
- Timeliness and completeness

# APPR Dashboard (Landing Page) at Inception



# Current TB APPR Dashboard (Landing Page)



# APPR Data Entry Page

## Automated Partners Progress Report (APPR)

Search apps



SB



### Data Entry ?

✕ Adamawa State - October 2021 - No Data Element Selected

Run validation

Print form

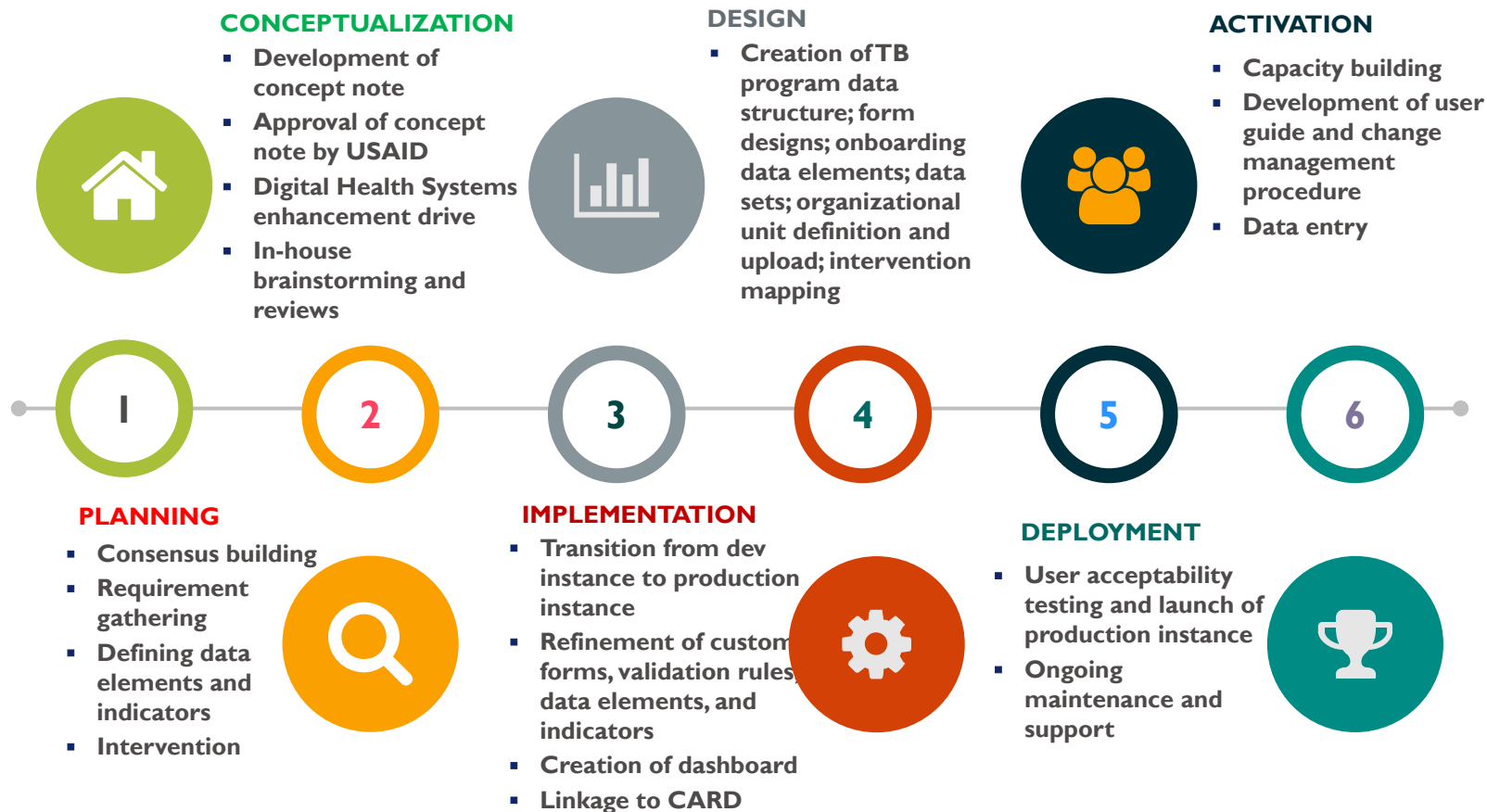
Print blank form

Organisation Unit:   
 Data Set:   
 Period:     
 TB\_Partners:





#### New Cat

Indicator		0-4	5-14	15-24	25-34	35-44	45-54	55-64	65+
Number of clients screened for TB	Female	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Male	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Number of clients presumed to have TB	Female	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Male	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Number of presumptive	Female	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Male	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

# APPR Development and Process Flow



# ALIGNMENT OF PBMEF AND APPR – INDICATORS AND DATA ELEMENTS

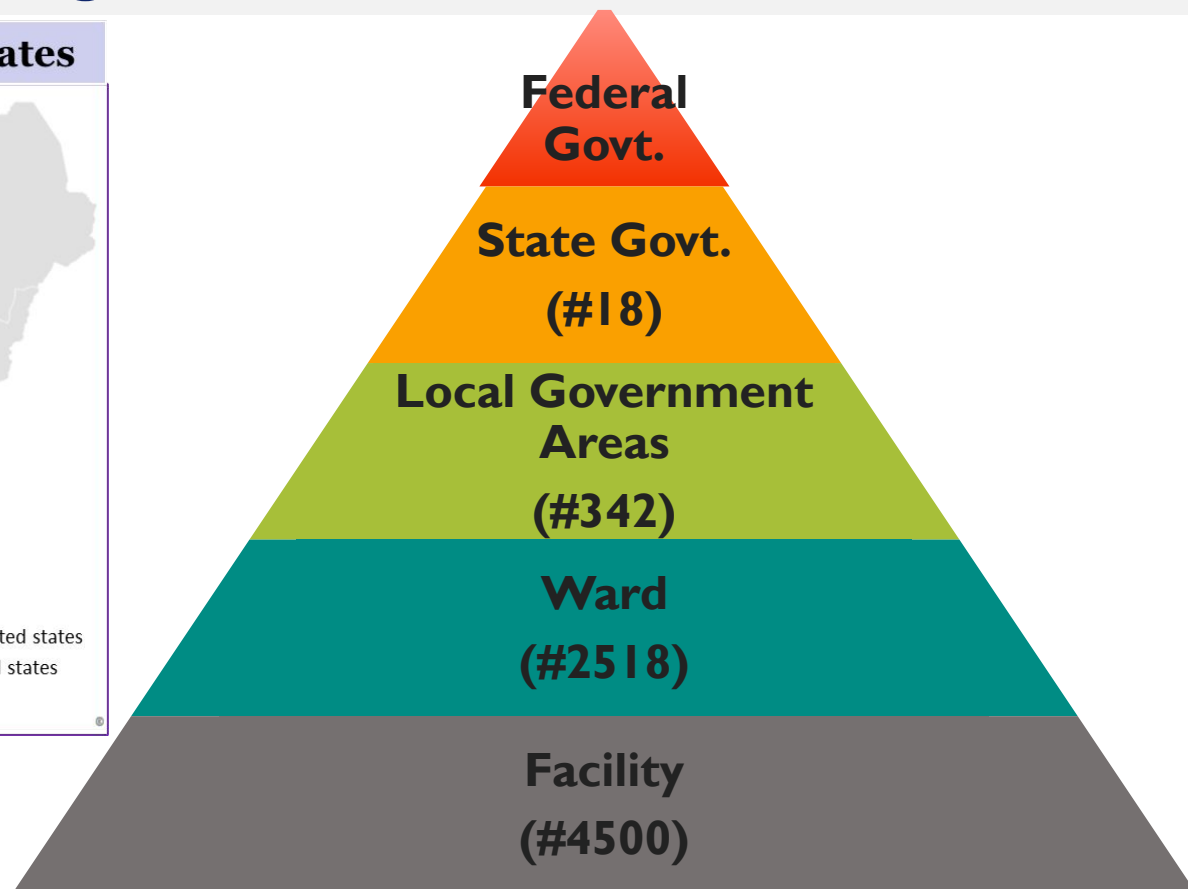
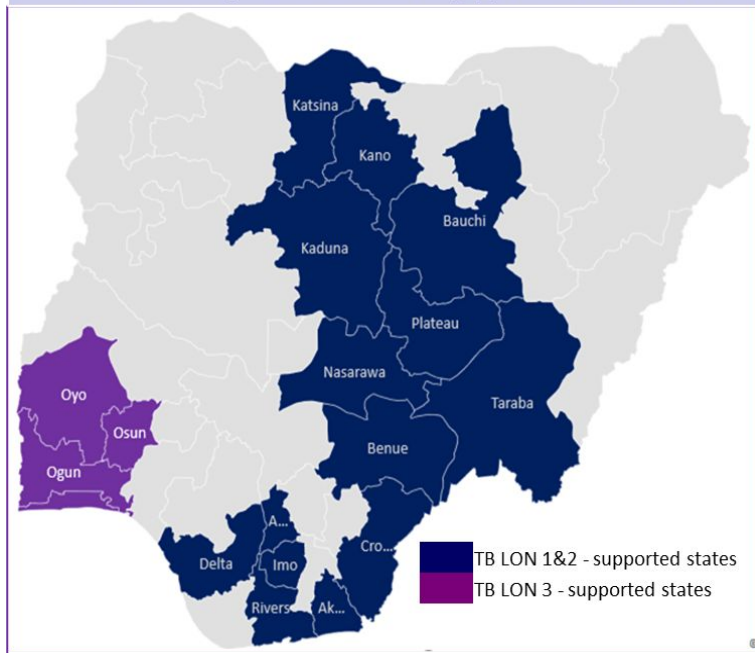
OBJECTIVES	INDICATOR TECHINICAL AREAS	DATA ELEMENTS IN APPR	USAID TARGETS OUTCOME	
<b>REACH</b>  <p>Maximize the detection of all forms of TB in all individuals of all ages</p>	<ul style="list-style-type: none"> <li>TB detection rate/treatment coverage</li> <li>Bacteriological coverage</li> <li>Childhood TB notification</li> <li>Drug-resistant TB (DR-TB) notification</li> <li>Contact investigation coverage</li> <li>Private sector notification</li> <li>Presumptive TB</li> </ul>	<ul style="list-style-type: none"> <li>Number of clients screened for TB</li> <li>Number of clients presumed to have TB</li> <li>Number of presumptive cases evaluated for TB</li> <li>Number of clients diagnosed with DS-TB</li> <li>Number of clients diagnosed with DR-TB</li> <li>Number of clients diagnosed with all forms of TB</li> <li>Number of clinically diagnosed TB patients</li> <li>Number of bacteriologically diagnosed TB patients</li> <li>Number of DS-TB patients started on treatment</li> <li>Number of DR-TB patients started on treatment</li> <li>Number of all forms of TB patients started on treatment</li> <li>Number of all clients new and relapse TB Cases</li> <li>Bacteriologically – new and relapse TB cases</li> </ul>	<p>90% of incident TB cases diagnosed and initiated on treatment</p> <p>90% treatment success rate</p>	Decrease TB Mortality by 35% by 2030
<b>CURE</b>  <p>Empower all individuals with TB to complete treatment and be cured</p>	<ul style="list-style-type: none"> <li>Drug-sensitive TB (DS-TB) treatment success</li> <li>DR-TB treatment success</li> </ul>	<ul style="list-style-type: none"> <li>Number of DS-TB cases reported in previous 12 months</li> <li>Number of DS-TB cases reported - Cured</li> <li>Number of DS-TB cases reported - Died</li> <li>Number of DS-TB cases reported - Loss to follow up</li> <li>Number of DS-TB cases reported - Not evaluated</li> <li>Number of DS-TB cases reported - Treatment completed</li> <li>Number of DS-TB cases reported - Treatment failure</li> <li>Number of DS-TB cases removed from register</li> <li>Number of DR-TB cases reported in previous 24 months</li> <li>Number of DR-TB cases reported - Cured</li> <li>Number of DR-TB cases reported - Died</li> <li>Number of DR-TB cases reported - Loss to follow up</li> <li>Number of DR-TB cases reported - Not evaluated</li> <li>Number of DR-TB cases reported - Treatment completed</li> <li>Number of DR-TB cases reported - Treatment failure</li> </ul>	<p>30 million on TPT</p> <p>TBD</p>	Decrease TB Incidence by 52% by 2030
<b>PREVENT</b>  <p>Stop the spread of new infections and progression from infection to active TB disease</p>	<ul style="list-style-type: none"> <li>TB preventive treatment (TPT)</li> <li>Prevention</li> </ul>	<ul style="list-style-type: none"> <li>Number of contacts screened for TB</li> <li>Number tested for TBI</li> <li>Number of contacts eligible for TPT</li> <li>Number of contacts started on TPT</li> <li>Number placed on 3HR</li> <li>Number placed on 6H</li> <li>Number placed on 1HP</li> </ul>		
<b>SUSTAIN</b>  <p>Build country-owned TB systems, led by local partners, that accelerate progress and support pandemic preparedness</p>	<ul style="list-style-type: none"> <li>TB financing expected from domestic sources</li> </ul>	N/A	Global investments reach \$13 billion by 2022	

# APPR Architecture



# APPR Architecture: Organizational Unit

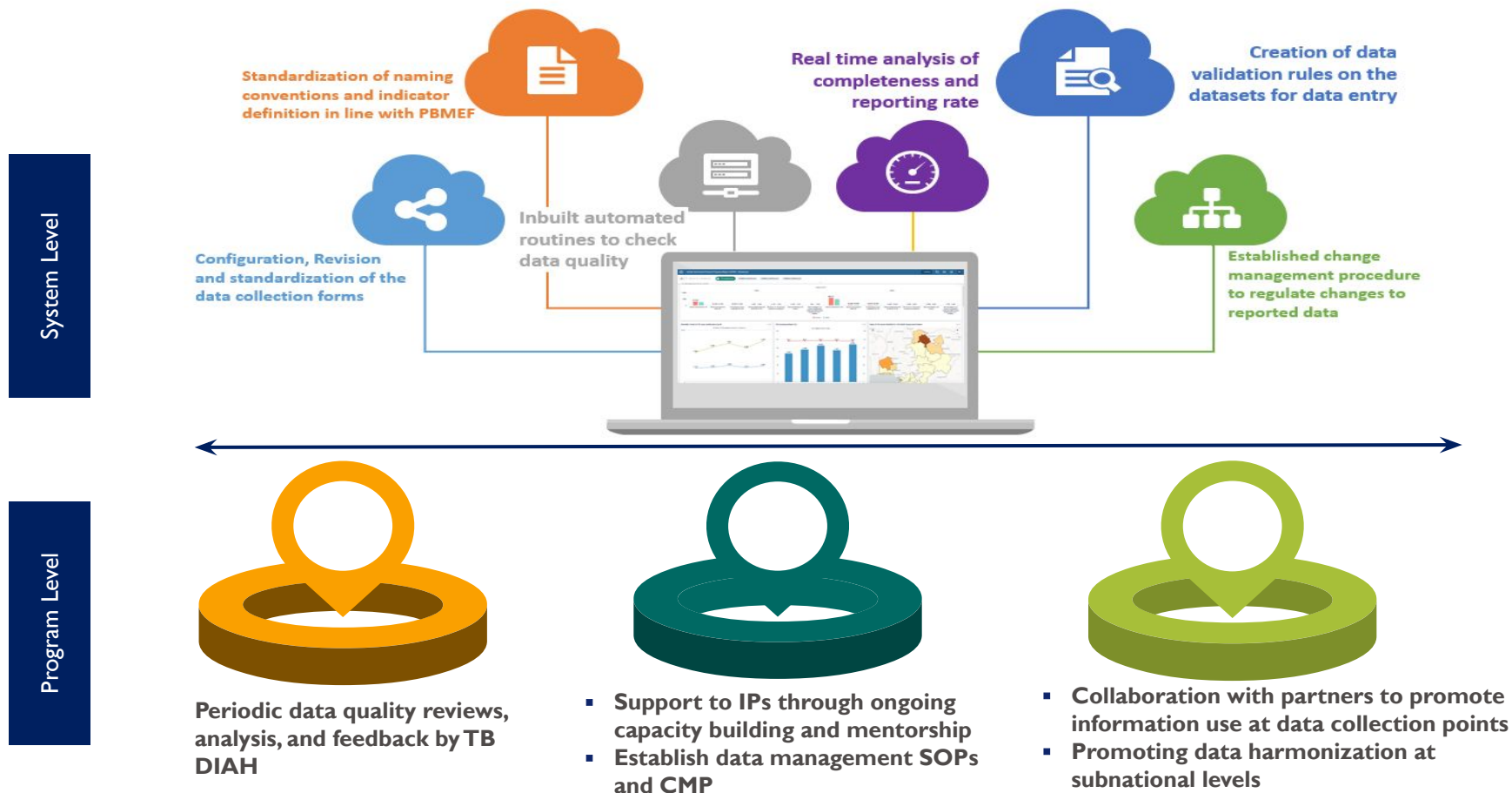
## 18 USAID/TB LON supported states



# Intervention Mapping in the APPR



# Data Quality Assurance in APPR

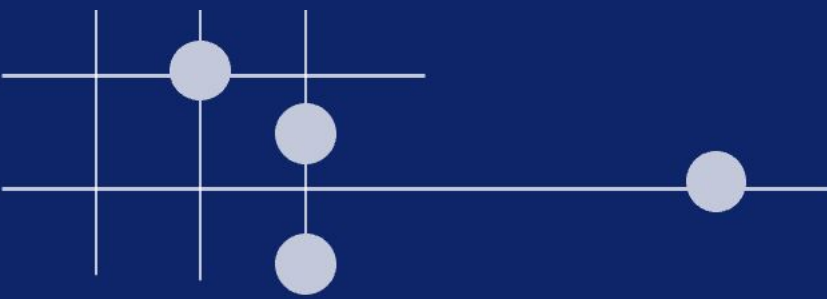


# Benefits of APPR

- Improves data management support for the Mission and IPs by establishing a database and facilitating data analysis and use.
- Facilitates alignment with PBMEF guidance through standardizing reporting requirements and timelines across IPs, thus improving data quality.
- Reduces the data entry workload and improves data analytics and visualization.
- Facilitates IPs' transition from an Excel-based data system to DHIS 2 and interoperability and data exchange among data platforms.

## TB APPR Web Address:

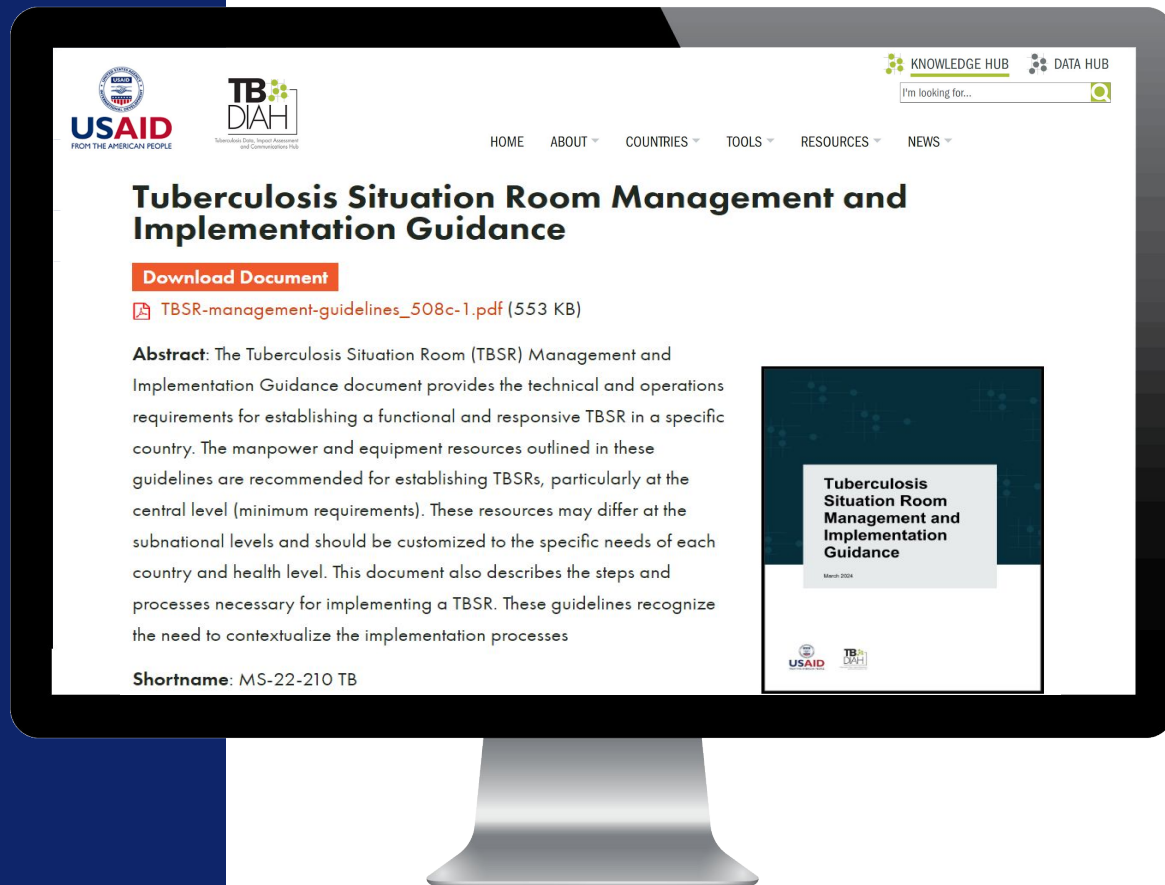
<https://tb.hatappr.org/dhis-web-dashboard/#/>



# **TB Situation Room Management and Implementation Guidance**

# Introducing the TBSR Management and Implementation Guidelines

Now available in  
the TB DIAH  
Resource Library



# Who is the TBSR guidance for?



## PRIMARY

- ✓ TB program managers
- ✓ Service providers
- ✓ Implementing partners
- ✓ Data managers
- ✓ MEL specialists



## SECONDARY

- ✓ Policy makers
- ✓ Donors
- ✓ Program administrators
- ✓ Civil Society Organizations

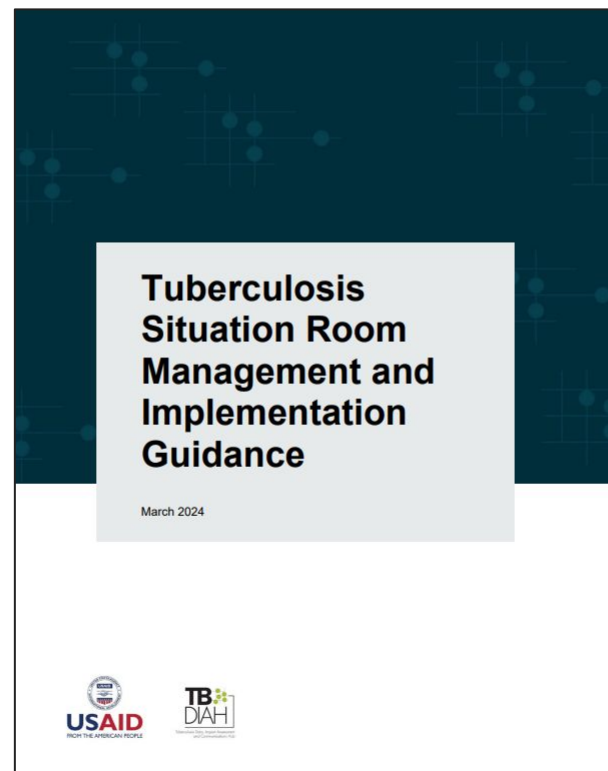
# What does the guidance offer?

## For the national level:

- Technical and operations requirements for establishing a functional and responsive TBSR in a specific country including:
  - ✓ manpower
  - ✓ equipment resources
- Steps and processes necessary for implementing a TBSR

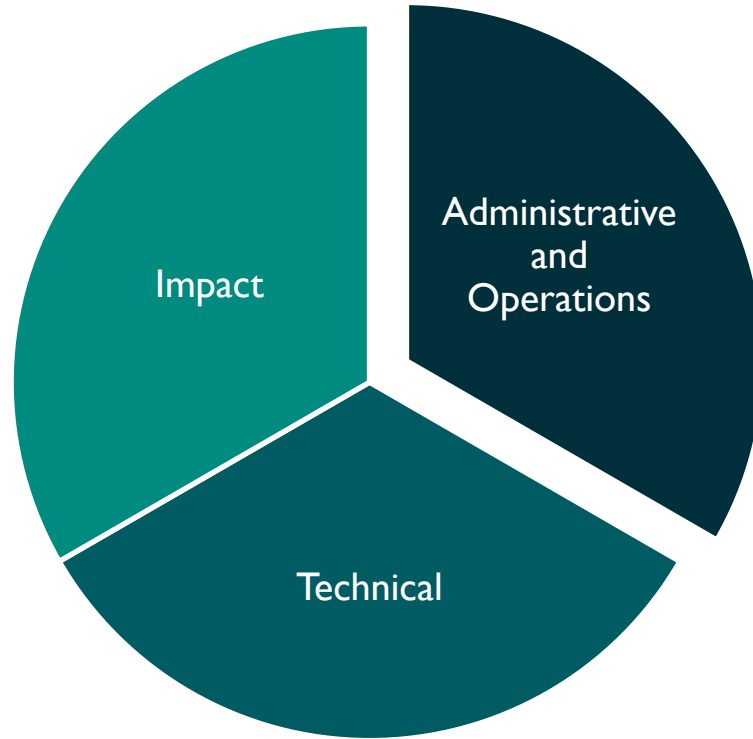
## For the sub-national level:

- Discussion of the different resource and implementation requirements at the subnational levels



# Management and team composition

TBSR operates with three functional roles: administrative and operations team, technical team, and Impact team (Dashboard viewers)

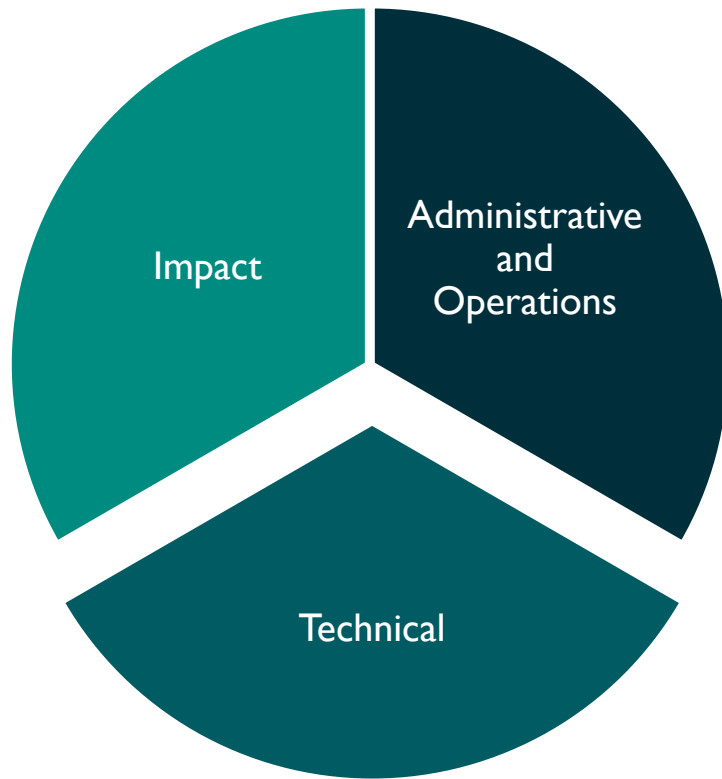


- **Administrative and Operations**
- Technical
- Impact

# Management and team composition (cont'd)

TBSR operates with three functional roles: administrative and operations team, technical team, and Impact team (Dashboard viewers)

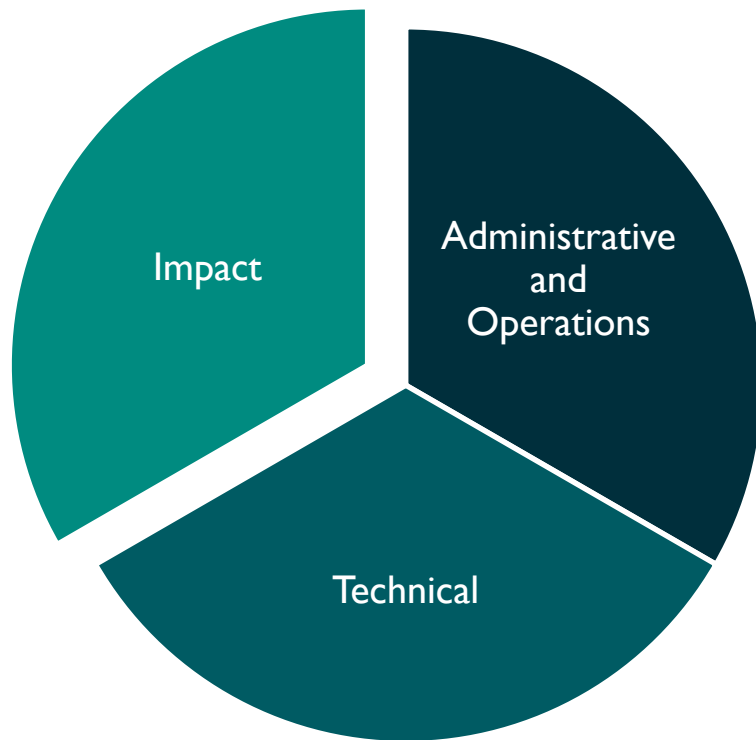
- Administrative and Operations
- **Technical**
- Impact



# Management and team composition (cont'd)

TBSR operates with three functional roles: administrative and operations team, technical team, and Impact team (Dashboard viewers)

- Administrative and Operations
- Technical
- **Impact**



# Sustainability of TBSR



## Review and Evaluation

- The NTP and technical partners must regularly review and evaluate the TBSR to ensure it meets user needs.
- The findings should be used as a guide when determining changes needed in the TBSR.



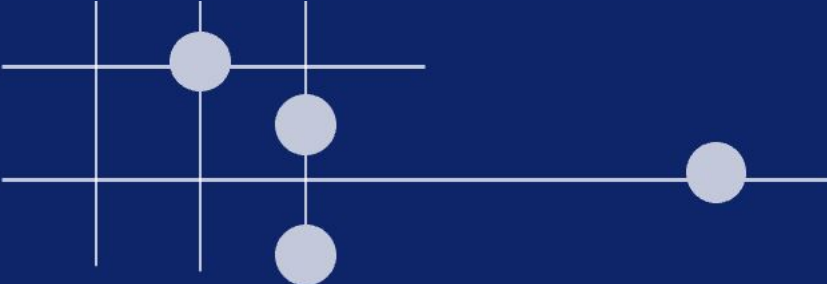
## Collaboration, Learning and Adapting (CLA)

- Developing the capacity for reflection, research, analysis, and dialogue is necessary to ensure that TBSR implementation is always learning from what works and what does not
- By adopting these CLA principles TBSR partners will:
  - ✓ collaborate with NTPs and other stakeholders; a
  - ✓ ensure that progress toward the TBSR vision is guided by continuous learning and informed by evidence-based data; and
  - ✓ apply lessons learned



## Leveraging the TB M&E TWG

- Use the TB M&E TWG to assist the impact team with data interpretation, analysis, and use in making evidence-based decisions



# Q&A

# Live Links

TBDIAH.org



<http://www.tbdiah.org>

TBSR Management  
and Implementation  
Guidance



<https://www.tbdiah.org/resources/publications/tuberculosis-situation-room-management-and-implementation-guidance/>

Nigeria APPR



<https://tb.hatappr.org/dhis-web-dashboard/#/>

# For more information

## Sevim Ahmedov

TB/HIV, Prevention and M&E Team Lead,  
USAID Bureau for Global Health, Office of  
Infectious Disease, TB Division



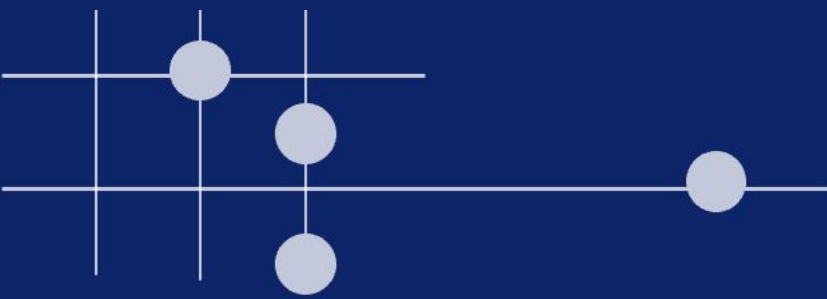
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**Thank You!**



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