

Optimizing the monitoring of RMNCAH+N program implementation in Northern Nigeria using a data visualization dashboard: the Kaduna state experience

Centre for Integrated Health Programs

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by

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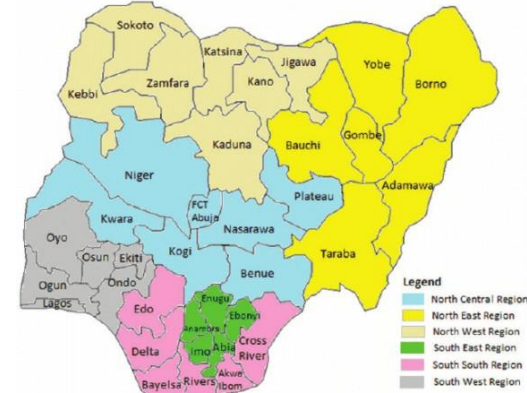
Background (Intervention setting)

Centre for
Integrated
Health Programs
(CIHP)

- Indigenous NGO based in Abuja, Nigeria since 2011
- Partnerships (GON, CDC, Bill and Melinda, ICAP, ITAD UK, USAID, MTNF foundation, SABIN institute, Unitaid/Aurum Institute, Government of Nigeria, UoSC, Global Fund)
- Projects (TB/HIV, Vaccination, RMNCAH+N, SDI_SI Evaluation, HSS)

Kaduna state

- Location: North western Nigeria
- Estimated Population : 9.4 million
- Ethnic Groups : Predominantly Hausa and Fulani tribe
- Religion : Islam and Christianity
- *Heightened security challenges including banditry, kidnapping and terrorism in the last 10 years with over 5000 thousand of men, women and children as victims*



Women age 15-49
2million

NBS 2020.

Background (Abstract Issues)



Multiple excel
spreadsheets adopted
by state health officials

Multiple Stakeholders
across 23 LGA in Kaduna
State supporting the
RMNCAH programs

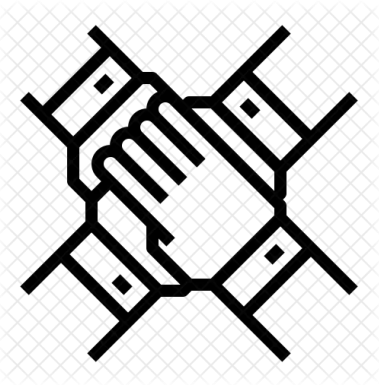
Challenges

Difficulty in data collection, reporting,
visualization of key RMNCAH+N
indicators through the official national
District Health Information System
(DHIS)

Fragmented tabular
data presentation

Tedious process of analysis,
and minimal data visualization

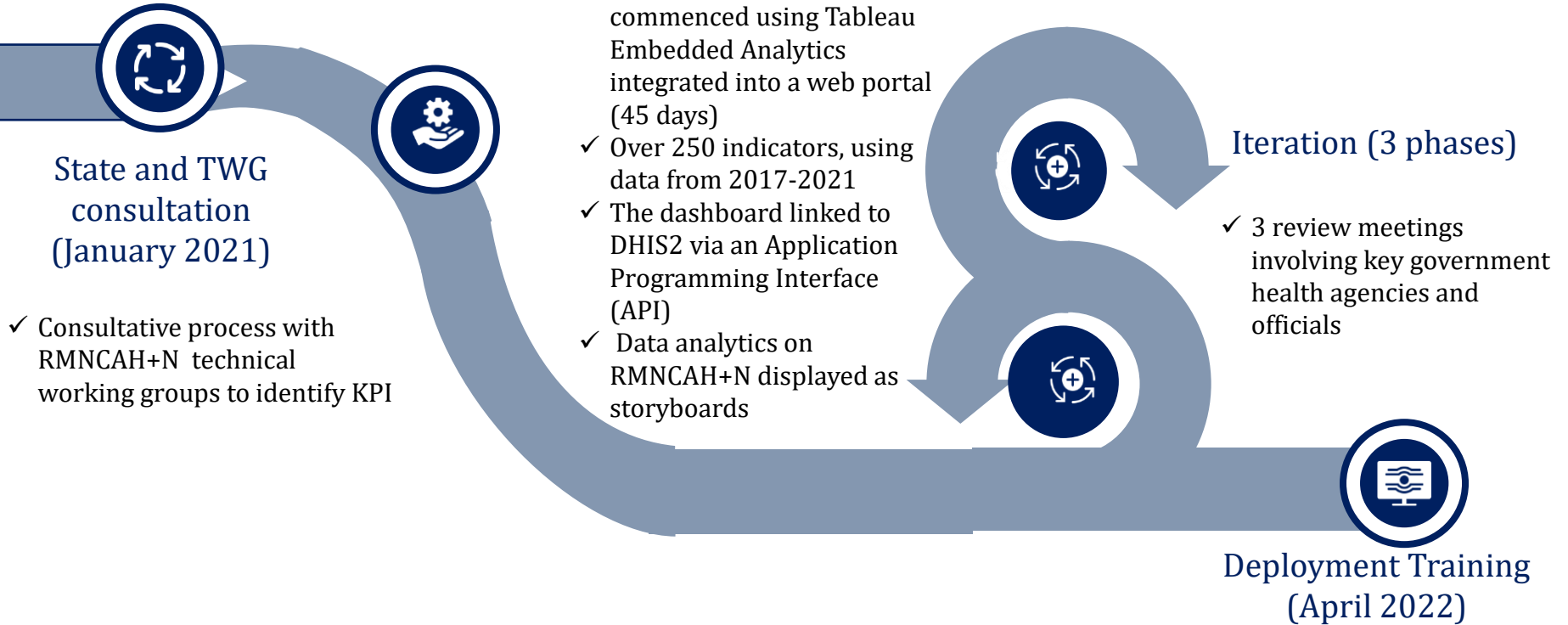
Background (intervention)



Technical partners Technical Advice Connect, with funding from Bill and Melinda Gates Foundation, supported Centre for Integrated Health Programs to create a centralized dashboard on RMNCAH+N performance as part of interventions to scale up uptake of RMNCAH+N interventions through the Group Antenatal Care model in Kaduna State.

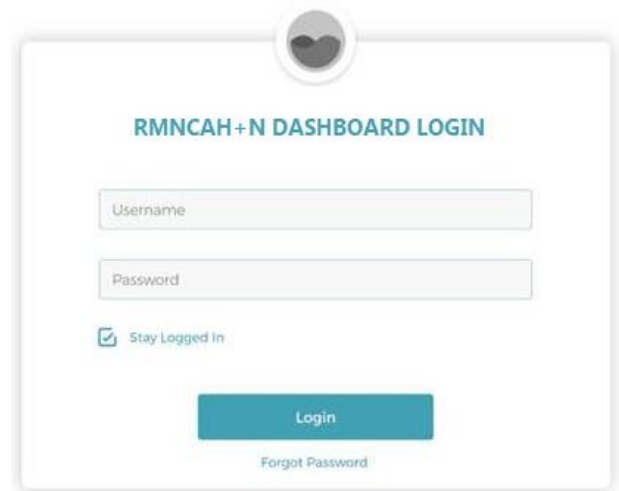
Solution

Project Description



Results

- **250** plus indicators were reported successfully from all components of the RMNCAH+N interventions respectively
- **27** state officials who were trained on its use.
- Near real-time review and automated analysis
- Program specific dashboard (family planning uptake, hospital delivery by pregnant women, and immunization)



RMNCAH+N DASHBOARD LOGIN

Username

Password

Stay Logged In

Login

[Forgot Password](#)



Lesson Learned

Access was provided to 27 state officials who were trained on its use.

Post-RMNCAH+N dashboard implementation in April 2022, at least 250 plus indicators were reported successfully from all components of the RMNCAH+N interventions respectively.

Potential to significantly improve monitoring of the MNCH interventions by state officials and process ownership for overall improvement of maternal outcomes.

The dashboard was useful for near real-time review and automated analysis of data for improved program decision making, tracking, and monitoring of RMNCAH+N outcomes such as family planning uptake, hospital delivery by pregnant women, and immunization uptake.

Training and Consultation



Training of Kaduna state health officials



Technical Working Group Consultation

Conclusion

The RMNCAH+N dashboard was a successful digital intervention which has increased the visibility of, and accessibility to data critical for improving decision-making among stakeholders responsible for the health of populations.

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Appreciation



BILL &
MELINDA
GATES
foundation



"We cannot **solve** our **problems** with the same thinking we used when we created them." – Albert Einstein

THANK YOU