

DHIS2 – Campaign Demo

Nairobi campaign digitalization
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Pre-Campaign

DHIS2 supports microplanning with GIS mapping, population data integration, and mobile apps for household enumeration, improving resource allocation by pinpointing vulnerable populations.

2



Real Time Monitoring

DHIS2 allows real-time monitoring of campaign progress, including delivery, household reach, and stock levels, using offline mobile data collection and automated dashboards for timely interventions and adjustments.

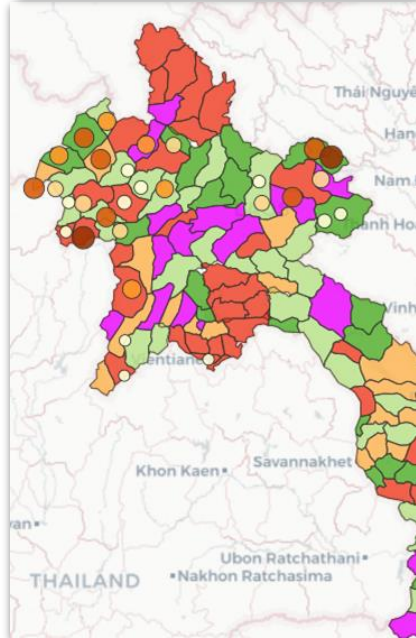
3



Post-Campaign

DHIS2's analytics capabilities aid post-campaign evaluation by triangulating data from various sources, including continuous LLIN distribution and reported malaria cases, to assess coverage and impact effectively.

| Comparison between SIA and VCS coverages | | | | |
|--|-----------------------|------------------------|-----------------------|------------------------|
| March 2023, April 2023 | | | | |
| | EPI - MR Coverage (%) | SIA-VCS - Coverage (%) | SIA - MR Coverage (%) | SIA-RCM - Coverage (%) |
| 0201 Phongsali | 7.4 | 92 | 93.2 | 46.2 |
| 0202 Mai | 13.6 | 102 | 102.5 | 45.5 |
| 0203 Khoua | | 77.3 | 77.5 | 46.2 |
| 0204 Samphan | 101.5 | 60.5 | 60.6 | 22.2 |
| 0205 Bounnua | 15.7 | 110 | 221.3 | 62.5 |
| 0206 Nyot-ou | | 100.2 | 101.8 | |
| 0301 Namtha | 9.7 | 98.3 | 102.3 | 54.5 |
| 0304 Viangphoukha | | 95.7 | 105.6 | 45.5 |



- Android mobile/offline data capture for LLIN campaign, including geocoordinates.
- Real-time monitoring dashboard for LLIN Campaign, incorporating microplanning and mapping
- Triangulation with routine/HMIS data, showcasing integration of campaign data with DHIS2 HMIS and comparison of data from different sources

Geoenabled Microplanning

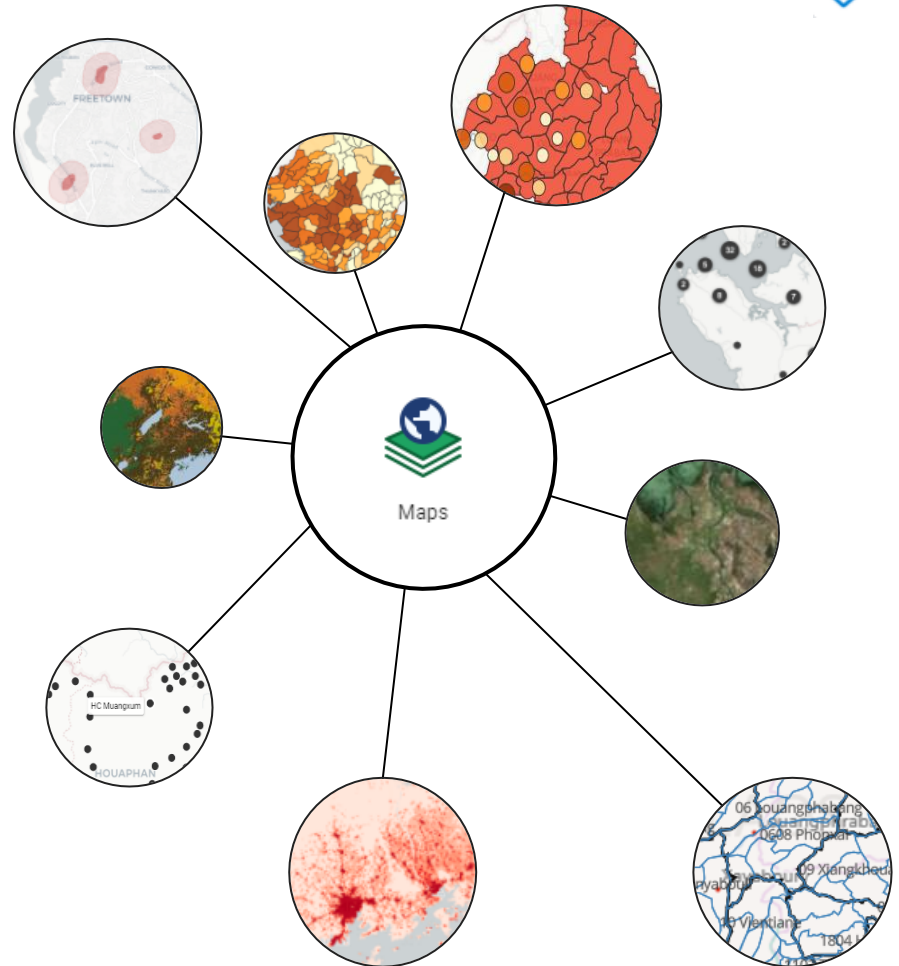
An integrated set of components created to support activities performed during a public health campaign

- **Master plan:** resource estimation, cold-chain logistics, operations, supervision, recording and reporting tools, and monitoring framework

To develop an effective microplan framework there is the need for **detailed geographical data on population estimates**, as well as **healthcare facilities and sites** administering health campaign services

- Inability to find out where the target group is located hinders the chances of achieving the goals of a health campaign

Via the use of spatial data on the location of populations, medical resources, and the area around them in a GIS environment, digital microplanning can ensure that all population groups are present, identify **gaps in equitable reach to care** and optimise outreach plans to **ensure service equity and access**.



Data Collection for microplanning

Data entry

Organizational unit: CMS Agbandi

Dataset: MICROPLAN FS

Period: 2023

Filter sections: Show all sections

QUANTIFICATION ELEMENTS

BUDGETING ELEMENTS

| Filter in section | Value |
|--|-------|
| Number of days of FS supervision | 12 |
| Population served | 11 |
| Household size | 4 |
| Number of health facilities | |
| Number of days of enumeration-distribution | 1 |
| Number of cleanings per day per team | 2 |
| Number of MID delivery agents per ZDD | |
| Number of people per FS training session | 3 |
| Number of enumeration-distribution teams per ZDD | |
| Number of trainers per FS level session | |
| Number of delivery agent training trainers per session | |

QUANTIFICATION ELEMENTS

BUDGETING ELEMENTS

| Filter in section | Value |
|--------------------------------------|-------|
| Per diem delivery agent/training | 5000 |
| Office supplies | 500 |
| CU USP level coffee break | 500 |
| Training per diems | 5000 |
| CU internet package per USP session | 10000 |
| Per diem supervisor FS per day | 10000 |
| FS supervisor communication package | 4500 |
| FS supervisor travel package per day | 3000 |
| CU Delivery note | 1000 |
| CU warehouse space assessment sheet | 150 |
| CU inventory sheet | 150 |



Quantification data, Budgeting



All level microplan reporting



Modes of electronic reporting - web based. Android app



Data capture by end users

Offline

Code of household

Enter text

Last name of head of household

Enter text

Surnom du chef de ménage

Enter text

Phone of head of household

Enter phone number

QR code: eM nia2

- Household List
- Search a specific household by typing text or scan Qr code
- Counting – Distribution data entry
- Geocodes of household
- Errors, warning for form Control
- Synchronization to server Scheduled or manual
- Aggregate or event form for stock management

1. LLIN - Distribution

EVENT DATE No filters applied

DATE D'ENREGISTREMENT No filters applied

ORG. UNIT No filters applied

SYNC No filters applied

EVENT STATUS No filters applied

FOLLOWED UP MÉNAGE No filters applied

Search

MID DISTRIBUE

MID System ID: AF0002688677 maintenant
Code of household: 01-01-00000001
Last name of head of hous... Robert
First Name of head of hou... baba
Enrolled in: AGBANDI CENTRE
Not synced
Show more
Sync

MID System ID: AF0002688676 Hier
Code of household: 01-01-00000004
Last name of head of hous... Albert
First Name of head of hou... koffi
Enrolled in: AGBANDI CENTRE
Show more

MID System ID: AD0002704352 Hier

10:40 100% 20%

Distribution MID 100%

21/2/2024 | AGBANDI CENTRE

Informations sur le ménage 6/6

Localisation
Lat: -1.26093 Long: 36.80509

Type of operation *
Dénombrement-distribution

Household type *
Ordinary

Number of people in household *
11

Number of beds used in the household *
5

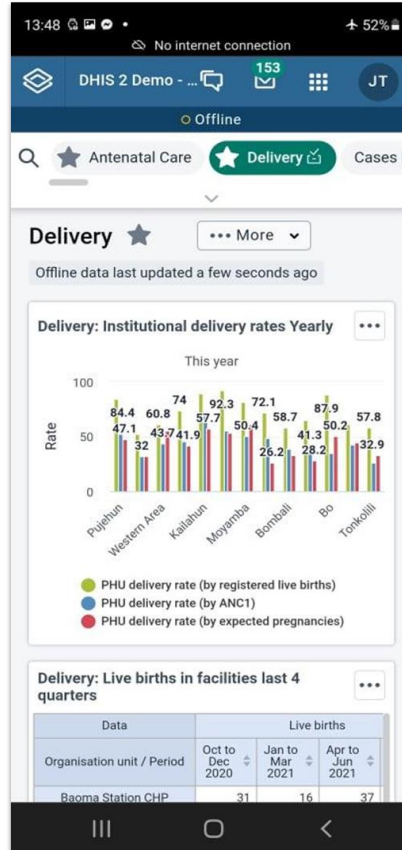
Number of LLINS given *
5

Real time analytics on phone

Web Offline dashboard on mobile phones.

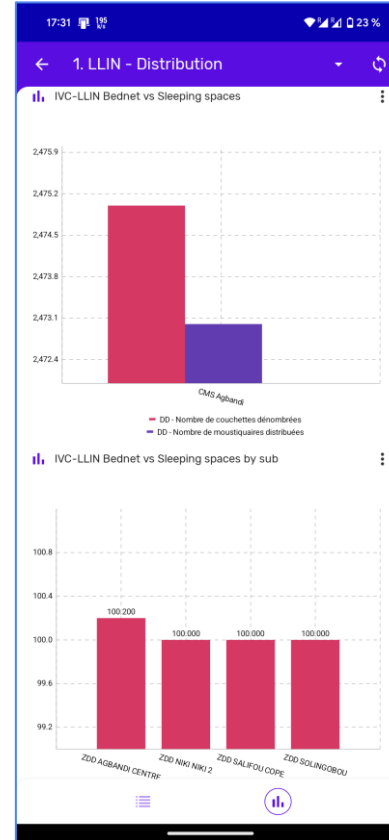
All dashboards can be visualized on mobile phones through any web browser. (chrome, safari, etc).

Dashboard can be downloaded to the device and viewable while offline.



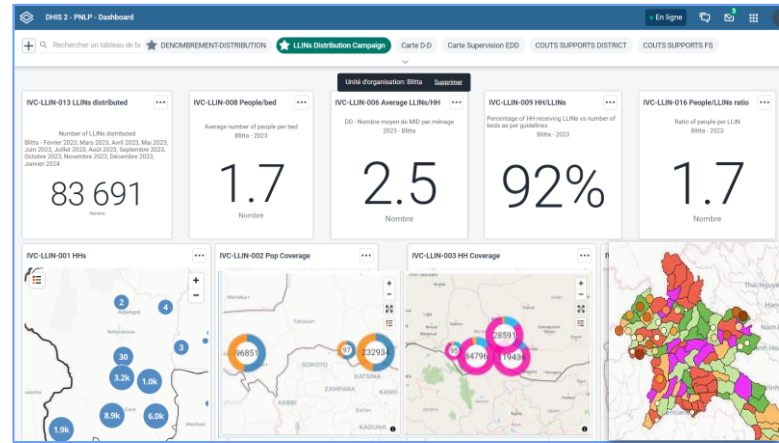
Offline

DHIS2 Android app analytics

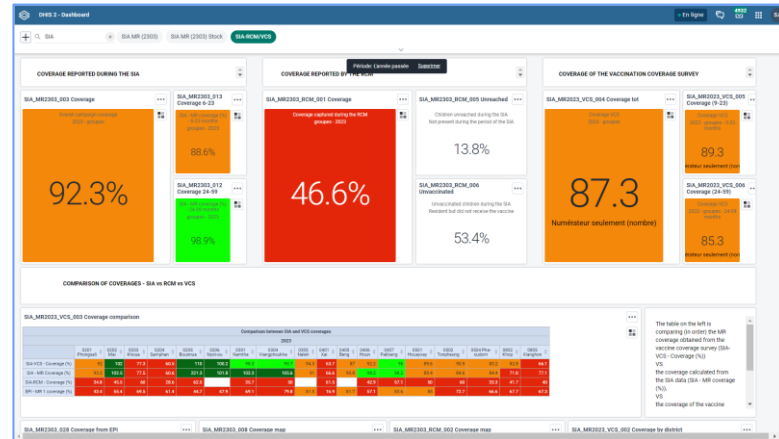



Dashboards

Dashboard for LLIN Campaign, incorporating microplanning and mapping



Triangulation with routine/HMIS data, showcasing integration of campaign data with DHIS2 HMIS and comparison of data from different sources







Role/Person
assign one single role per position/person, or a fixed set of roles per position



Regulations
align the configuration of the Campaign meta in the system to the national laws/regulations related to data storage, protection and security in the country



Supervision
valuable tool to maintain a good supervision of health workers and data entry clerks and monitor the quality of performance and data through time.



Data privacy
multiple stakeholders may have access to digitised data

THANKS!

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