

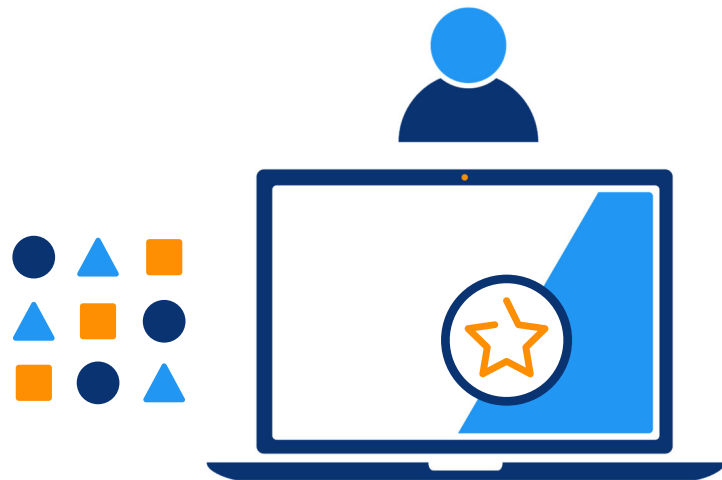


# Data entry in DHIS2

Introduction to DHIS2

My notes

Narration



## My notes

## Narration

If we want to make informed, data-driven decisions that have an impact on people, we first need to understand how those data are captured and verified.

Only when we have reliable data, can we trust in our analysis to support decision making.

## In this video, you will see...

Data entry



Next video...

Data quality

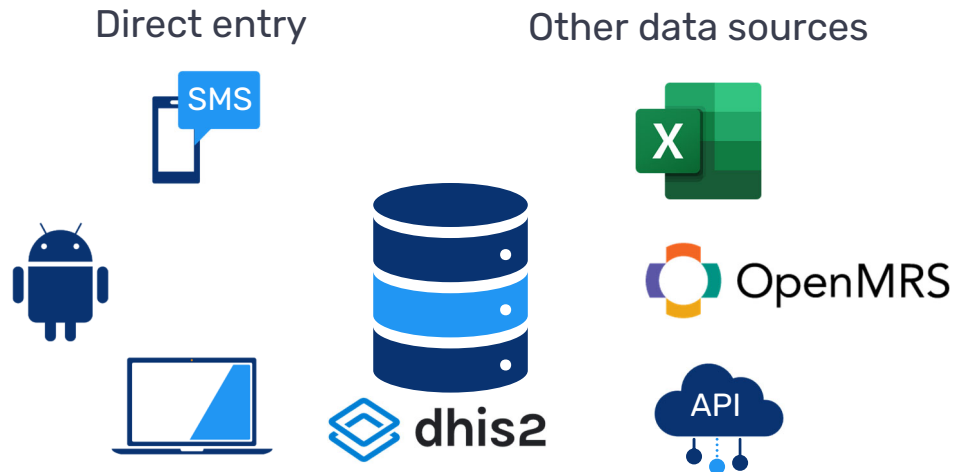


My notes

### Narration

In this video, you will see how data are entered into DHIS2. In the next video, you'll find out how DHIS2 helps ensure data quality.

## Centralized data warehouse



### My notes

### Narration

DHIS2 works as a centralized data warehouse capable of capturing data from a number of different sources and devices including direct entry through the web or an android device, SMS and even other data sources such as spreadsheets or other electronic systems.

## Categories of data in DHIS2



### Data Models

123

Numerical



Anonymous  
individualized



Individual with  
identifiers



### My notes

### Narration

Within the DHIS2 platform, there are several data collection tools that we can use depending on the type of data we want to capture.

We can distinguish 3 broad categories of data in DHIS2, also known as data models:

Numerical or aggregate data

Anonymous individualized data, and

Individual data with identifiers.

Let's briefly review each of these models.

## Numerical or aggregate data



Aggregate

Data entry app

123  
Numerical



My notes

### Narration

The first data model is numerical or aggregate data and we use the Data Entry app to capture data of this type.

## Example of aggregate data capture



Immunization program



### Narration

For example, let's say 10 children received their vaccines today in a given health facility in the context of an immunization program, and we want to enter this information into DHIS2.

### My notes

## Example of aggregate data capture



### Narration

What are the steps we need to follow to enter these data?  
Let's go to the platform and see how it works.

### My notes



# DEMO

## My notes

## Narration

After logging in, we go to the application's icon in DHIS2 and open the Data Entry app. Then, we search the facility from the dropdown menu, select the immunization program from the Data Set menu, followed by the time period we want to update.

To enter the data, you only need to select the cell and update the numbers.

- Trainingland
  - Animal Region
    - Bird District
      - Cat District
        - Cheetah Health Centre
          - Feral Primary Health Centre
          - Ginger Dispensary
          - Leopard Health Centre
          - Lion District Hospital
          - Panther Health Centre
          - Pussy Dispensary
          - Siamese Primary Health Centre
          - Tiger Hospital Gateway PHC
          - Wildcat Primary Health Centre
    - Dog District
    - Fish District
    - Game District
    - Insect District
  - Food Region

Organisation Unit	Feral Primary Health Centre		
Data Set	Immunisation		
Period	January 2021	Prev year	Next year

Outreach immunisation sessions held	<input type="text"/>
Outreach immunisation sessions planned	<input type="text"/>

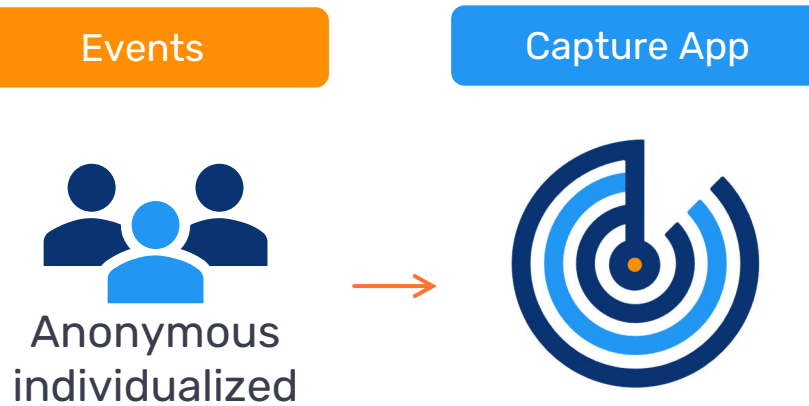
Vaccine	< 1 year	>= 1 year	Total
BCG	10		10
DPT-HepB-HiB 1			0
DPT-HepB-HiB 2			0
DPT-HepB-HiB 3			0
IPV			0
OPV 0			0

- Form



Note that forms, as well as the configuration and hierarchy of the health system are completely customizable within the platform. This will be discussed further later on.

## Anonymous individualized data - Events

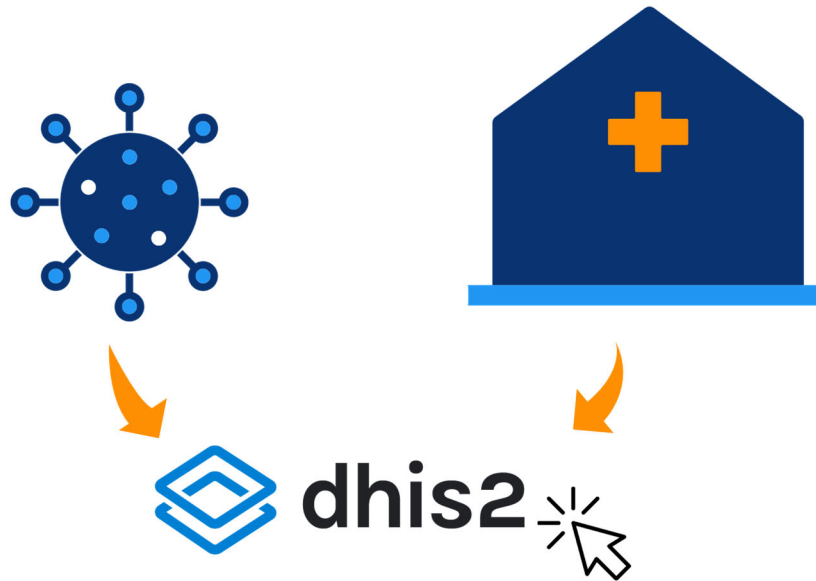


My notes

### Narration

The second category of data, or data model, captures anonymous individualized data, also called Events, and we use the Capture app to register Event data.

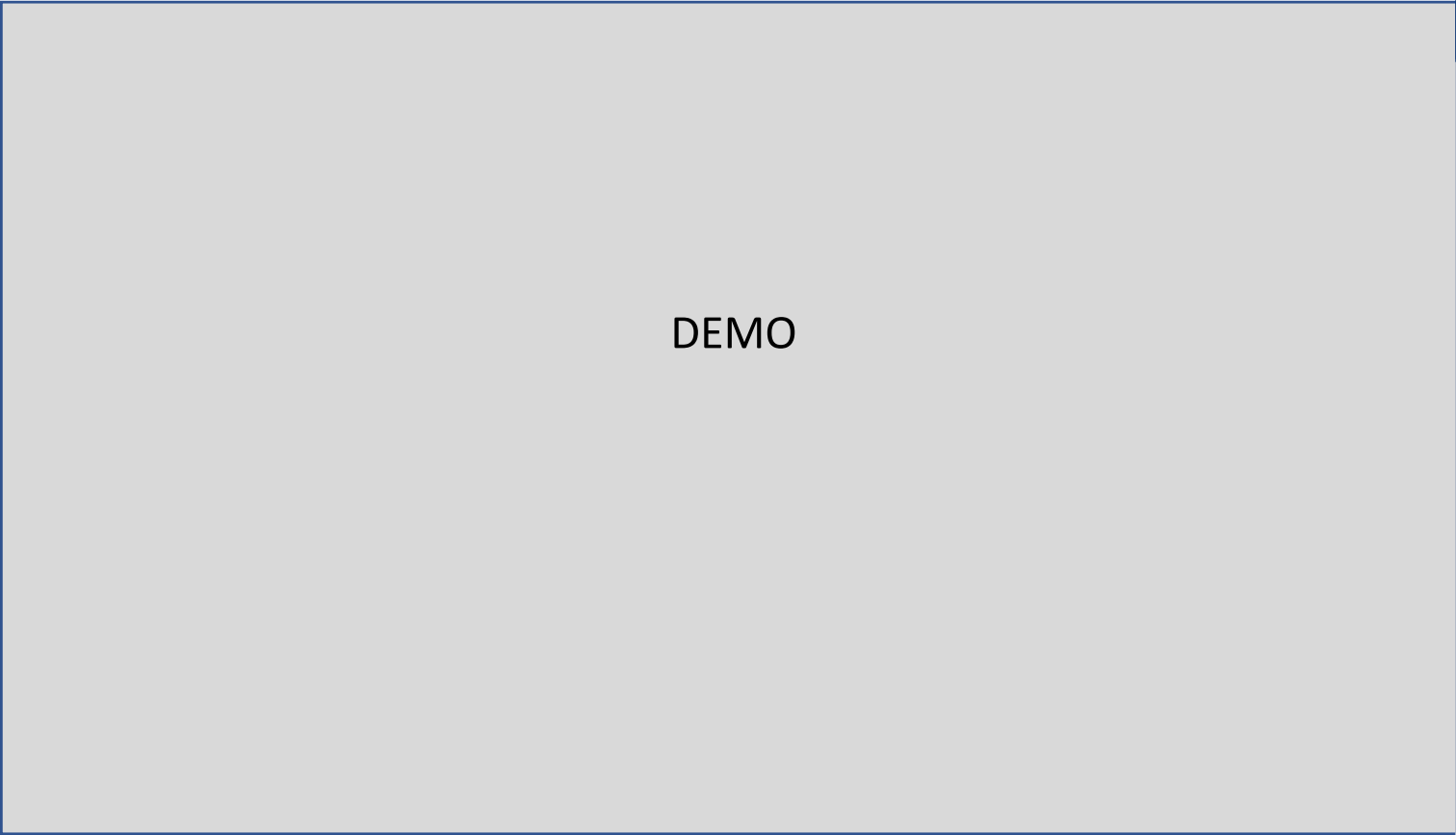
## Example of event data capture



My notes

### Narration

For example, let's say we want to register a new COVID 19 case in a given health facility,  
What are the steps to enter this Event data in DHIS2?  
Let's go back to the platform.



My notes

Narration

In this case, we select the Capture app from the application's icon. Then, we need to search for the facility, and select the program, in this case, COVID-19 Cases (events), and then click on New Event. Once you fill out the form, the data is stored in DHIS2.

## Event data are anonymous



Events

Capture App



- Anonymous ✓
- Follow-up ✗

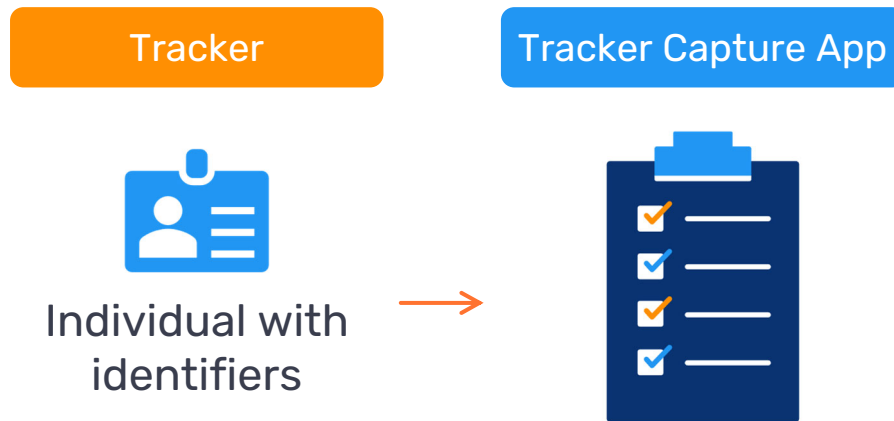


My notes

Narration

Note that when entering events, the data you are capturing is anonymous, as follow-up on individual cases is not possible within this model.

## Individual data with identifiers - Tracker



My notes

### Narration

The third type of data is individual data with identifiers that can be tracked over time. This is also known as the Tracker data model. We use the Tracker Capture app to register and enter those data.

## Individual data with identifiers - Tracker



Tracker Capture App



- Name
- Phone number
- Any other identifier

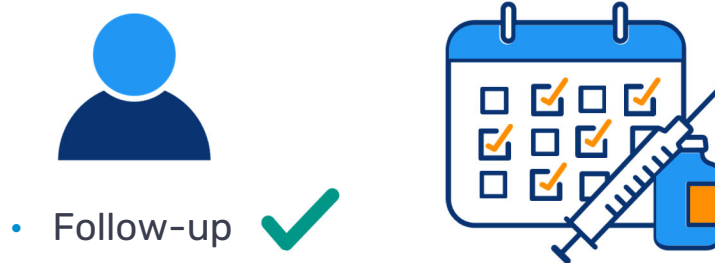
My notes

Narration

Using this data model, it's possible to identify a person by their name, phone number, or a combination of any other identifiers.



## Tracker: follow-up on individuals



### Narration

We use this model when we want to follow up on individuals to track their services and perform individual-level management of cases.

### My notes

## Example of tracker capture



My notes

### Narration

For example, let's say we want to register a patient with COVID-19 to facilitate disease surveillance.  
What steps should we follow to enter these data?

# DEMO

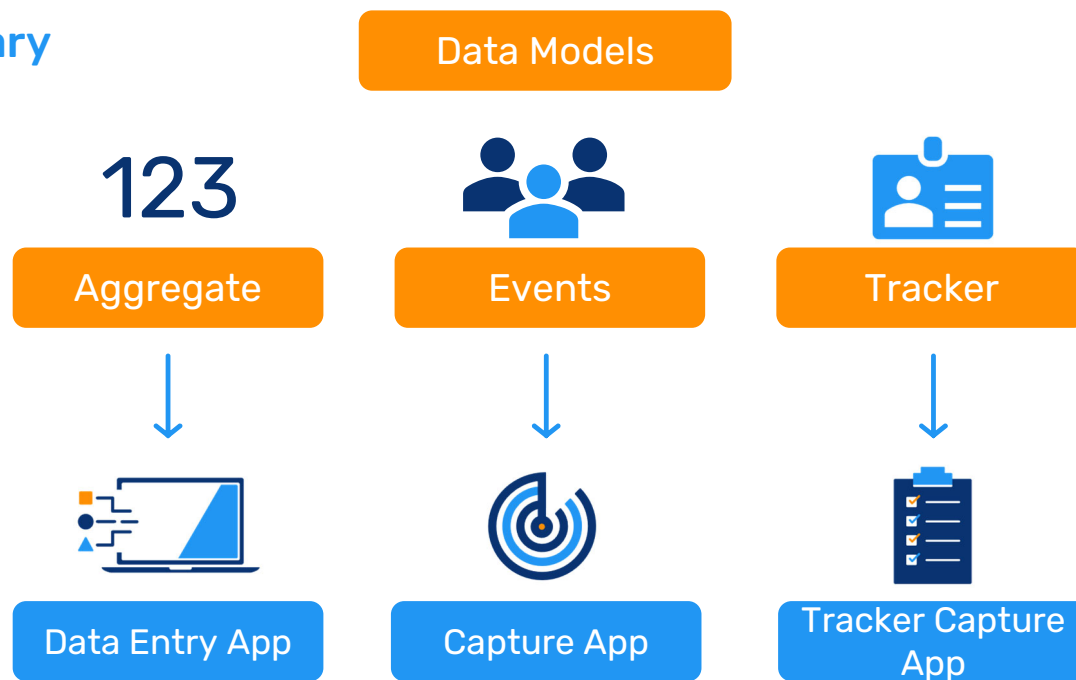
## My notes

## Narration

As in the previous examples, we go to the application's icon and, in this case, open the Tracker capture app, then search for the facility, select the program, and click on "Register."

The form contains data that allow identify the individuals and track the services they receive.

## Summary



## My notes

## Narration

To wrap up, there are three broad categories of data, or data models, in DHIS2:

- Numerical or aggregate data
- Anonymous individualized data or Events, and
- Individual data with identifiers, or, the Tracker data model.

And, for each one, there is a specific entry tool:

- Data entry for aggregate data
- The capture app for Events,
- And the Tracker capture app, for Tracker data.



UiO : **University of Oslo**

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Narration