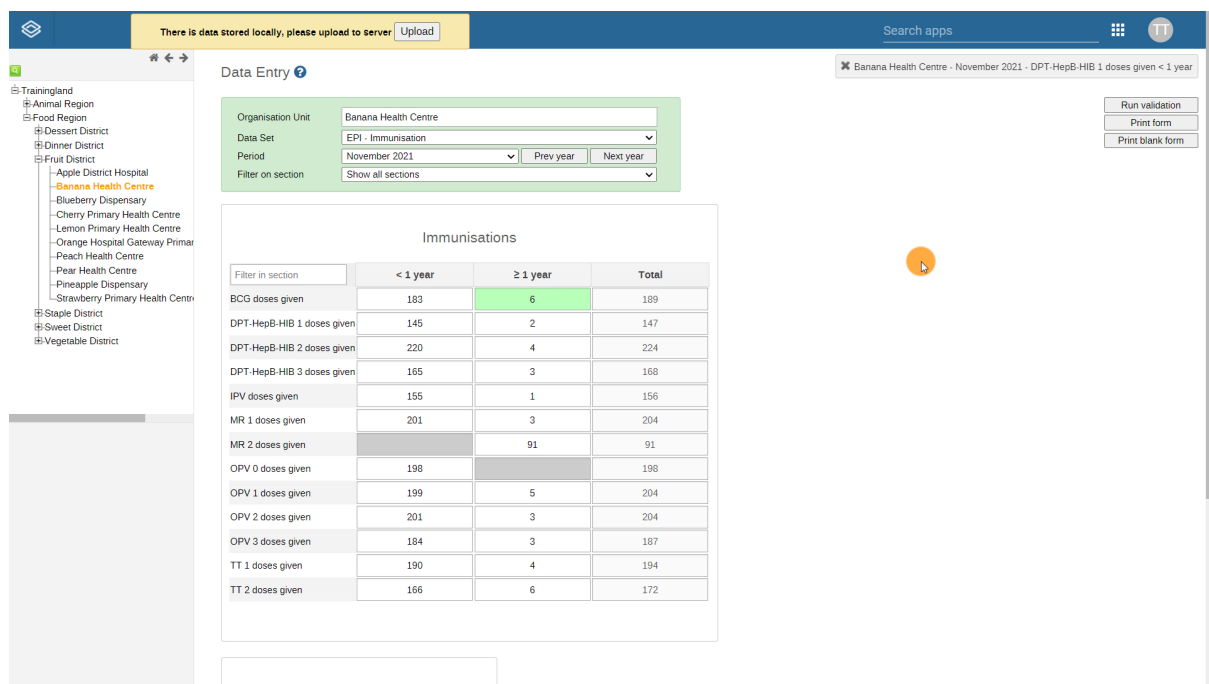


2.2.3 Offline data entry using the Data Entry app on a web browser - Part 3

Overview

In this exercise, you will explore how the Data Entry app can save data locally when DHIS2 does not detect an internet connection.

Instructions:



The screenshot shows the DHIS2 Data Entry app interface. At the top, a yellow banner states "There is data stored locally, please upload to server" with an "Upload" button. The left sidebar shows a tree view of the organization structure, with "Banana Health Centre" selected. The main content area displays the "Data Entry" form for "Banana Health Centre" in November 2021. The form includes fields for "Organisation Unit", "Data Set", "Period", and "Filter on section". Below the form is a table titled "Immunisations" showing data for various vaccine types. The table has columns for "< 1 year", "≥ 1 year", and "Total". The data is as follows:

Filter in section	< 1 year	≥ 1 year	Total
BCG doses given	183	6	189
DPT-HepB-HIB 1 doses given	145	2	147
DPT-HepB-HIB 2 doses given	220	4	224
DPT-HepB-HIB 3 doses given	165	3	168
IPV doses given	155	1	156
MR 1 doses given	201	3	204
MR 2 doses given		91	91
OPV 0 doses given	198		198
OPV 1 doses given	199	5	204
OPV 2 doses given	201	3	204
OPV 3 doses given	184	3	187
TT 1 doses given	190	4	194
TT 2 doses given	166	6	172

At the bottom of the table, there is a button labeled "Adverse Events Following Immunisation".

Image 1 - The Data entry app, after reconnecting to the internet, will prompt you to upload your data

1. How to recognize when the data entry app is online and offline:
 - a. Open the DHIS2 Data entry app. Note the **yellow box** at the top of the screen saying **"You are online"** that appears when you log in.
 - b. When you are ready, disconnect from the internet, but **do not refresh or close your web browser** with DHIS2 on.

- c. When the Data Entry app **no longer detects an internet connection**, a yellow box at the top of the screen saying **“You are offline, data will be stored locally”** will appear.
- d. Enter a value into a data element.
- e. Note that the values will still change to green when entered; **DHIS2 will save any data to your cache.**
- f. Reconnect your device to the internet.
- g. The Data entry app will display another message **“There is data stored locally, please upload to the server”** with an **Upload button** next to the message at the top of the screen.
- h. Clicking the upload button will upload any stored data to your DHIS2 server.