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# **jphes Documentation**

***Release 1.1.0***

**HealthIT-UoN**

**Sep 21, 2021**



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## Contents:

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<b>1</b>	<b>Introduction</b>	<b>1</b>
1.1	Background . . . . .	1
1.2	Why JPHES? . . . . .	1
<b>2</b>	<b>List of Abbreviations and Terminologies</b>	<b>3</b>
2.1	Abbreviations . . . . .	3
2.2	Terminologies . . . . .	3
<b>3</b>	<b>Getting Started</b>	<b>5</b>
3.1	System Access . . . . .	5
3.2	JPHES/DHIS2 Applications . . . . .	6
3.3	JPHES Functionalities . . . . .	7
3.4	JPHES Hierarchy . . . . .	9
<b>4</b>	<b>Indicators</b>	<b>11</b>
4.1	Nutrition . . . . .	11
4.2	MCH . . . . .	11
4.3	FPRH . . . . .	11
4.4	Malaria . . . . .	11
4.5	WASH . . . . .	11
4.6	Summarized Program Indicators . . . . .	11
4.7	Non-Service Delivery Program . . . . .	12
<b>5</b>	<b>Programs</b>	<b>13</b>
5.1	Program List . . . . .	13
5.2	Creating a Program . . . . .	13
5.3	Edit Program . . . . .	16
5.4	Show Program Details . . . . .	16
5.5	View Program Data Elements . . . . .	16
5.6	View Program Indicators . . . . .	16
<b>6</b>	<b>Hierarchy</b>	<b>19</b>
6.1	National Unit Level . . . . .	19
6.2	Donor Unit Level . . . . .	23
6.3	Agency Unit Level . . . . .	25
6.4	Mechanism Unit Level . . . . .	26

<b>7</b>	<b>Datasets</b>	<b>31</b>
7.1	National/Mechanism Level . . . . .	31
7.2	County Level . . . . .	31
7.3	Sub-County Level . . . . .	31
7.4	Ward Level . . . . .	32
7.5	Facility Level . . . . .	32
<b>8</b>	<b>Data Entry</b>	<b>33</b>
8.1	Data Entry Forms . . . . .	34
8.2	1. Facility Level . . . . .	34
8.3	2. Ward Level . . . . .	35
8.4	3. County Level . . . . .	35
8.5	4. National Level . . . . .	36
<b>9</b>	<b>Analysis and Reports</b>	<b>37</b>
9.1	Pivot Table Analysis . . . . .	37
9.2	Reports . . . . .	38
<b>10</b>	<b>Data Approval</b>	<b>41</b>
10.1	How to Approve data . . . . .	41
<b>11</b>	<b>ServiceDesk Support</b>	<b>45</b>
11.1	To Access JPHES Support . . . . .	45
11.2	To Login . . . . .	46
11.3	What you can do? . . . . .	46
<b>12</b>	<b>Appendix</b>	<b>51</b>
12.1	System References . . . . .	51
12.2	Reporting Guidelines . . . . .	51
12.3	Reporting Timelines . . . . .	52
12.4	Presentations and Other Resources . . . . .	52
12.5	Data Import API . . . . .	52
12.6	Reporting Status Monitor & Data Approval . . . . .	52
12.7	IPSL . . . . .	52

### 1.1 Background

JPHES is a web-based open source solution customized for *PEPFAR Kenya* partner reporting and data attribution built on [DHIS2](#). The platform replaces [KePMS](#) reporting system which was a standalone *Microsoft Access* based indicator monitoring database for use in the management, monitoring and evaluation of HIV/AIDS treatment and prevention programs supported by PEPFAR. It was developed in 2006 to plug the gap between the Government of Kenya reporting system and the PEPFAR reporting requirements. It was designed to operate at the level of in-country implementing partners who manage program specific data and forward it to national level where it is aggregated automatically by United States of America Government (USG) program managers.

Now, the JPHES platform supports non-HIV indicator reporting, attribution of the indicators by partners, analysis and visualization of attributed. It has Apps for maintaining the JPHES hierarchy, programs, user management and data push/pull.

Data for JPHES indicators already captured in the [National DHIS2](#) is pulled routinely using an *API* based middleware between the two systems.

### 1.2 Why JPHES?

JPHEs portal comes with the following benefits:

- 1.To avoid double data entry to JPHES and the [National DHIS2](#) by fetching the entered National DHIS2 data via the API.
- 2.To perform attribution on the unattributed national DHIS2 data basing on Partner data element ownership for program level data consumption in decision making.
- 3.To enhance the National DHIS2 data by pulling efforts of all implementing partners in making sure that the data entered into the national DHIS2 is accurate.
- 4.The platform streamlines health data where all partners can access up to date data from the same database instance unlike the previous scenario where each partner was running their own KePMS instances.

- 5.The portal provides aggregated data for programs per sites, mechanisms ,agencies and donor levels.
- 6.Providing more analytical features for partners to monitor their own performance and make decisions informed by the data.
- 7.The plaform has data quality, approval and validation features to ensure data in the system is accurate.
8. It has an elaborate object sharing and role-based access, thus ensures users access functionalites and data based on their hierarchy level.

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### List of Abbreviations and Terminologies

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#### 2.1 Abbreviations

- **API**-Application Programming Interface.
- **AIDS**-Acquired Immune Deficiency Syndrome.
- **DATIM4U**-Data for Accountability, Transparency and Impact for Operating Units.
- **DHIS2** - District Health Information System Version 2.
- **HIV** - Human Immunodeficiency Virus.
- **IPs** - Implementing Partners.
- **IPSL** - Implementing Partners Site List.
- **KePMS** - Kenya HIV/AIDS Program Monitoring System.
- **MoH** - Ministry of Health.
- **PEPFAR**-President's Emergency Plan for AIDS Relief.

#### 2.2 Terminologies

- **Implementing partner**-An organization working on behalf of an agency to perform services.
- **Funding agency**-An agency providing support to partners.





## CHAPTER 3

### Getting Started

#### 3.1 System Access

Access *JPHER* via <http://jpheportal.uonbi.ac.ke> . To login to the platform, provide your username and password then click the login button.

**Note:** If you have challenges signing in, send an email to [jphes@healthit.uonbi.ac.ke](mailto:jphes@healthit.uonbi.ac.ke) for assistance or via the jphes servicedesk



USAID JPHER  
Welcome to Partners Portal

**JPHER**

Sign in

admin

\*\*\*\*\*

Sign in

Login with provided credentials. To request access send an email to [jphes@healthit.uonbi.ac.ke](mailto:jphes@healthit.uonbi.ac.ke)

Powered by DHIS 2 For assistance/support - JPHER Quickstart [ Change language ]

Fig.- JPHER Login Page

If successful, it directs you to the JPHEs dashboard.

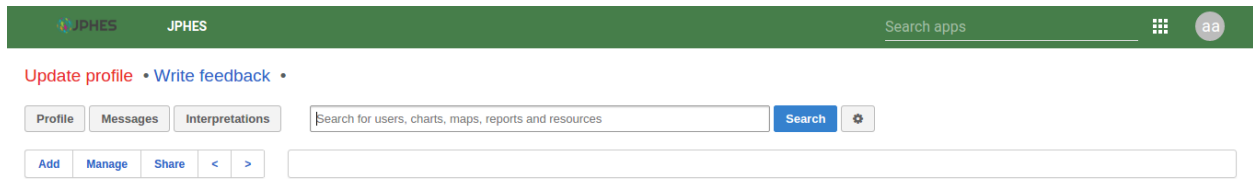


Fig.- Landing page

To change password, click on the user profile app.

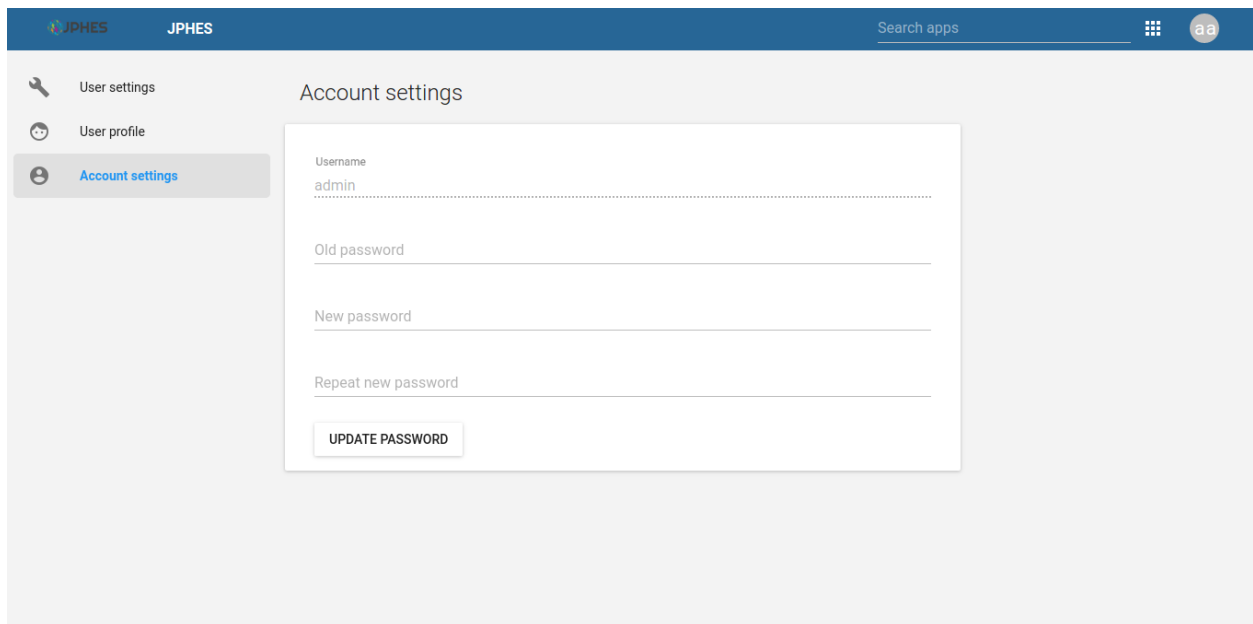


Fig.- Change User password

## 3.2 JPHEs/DHIS2 Applications

Available applications in the platform.

**Note:** These applications will be visible based on your user role in the platform.

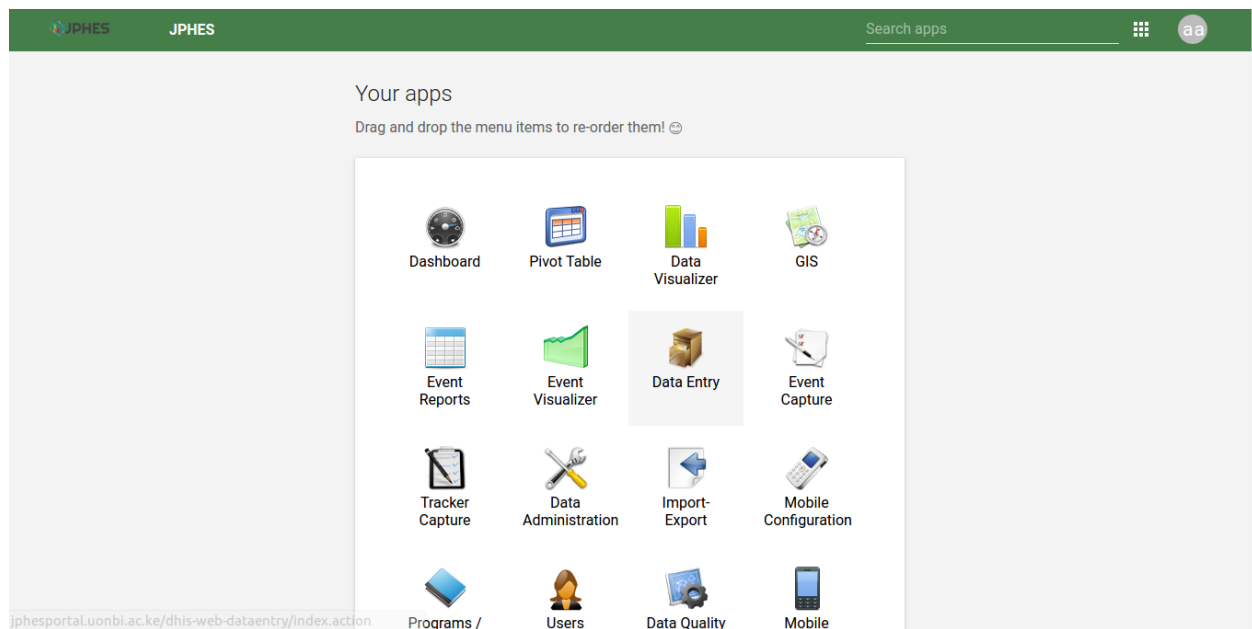


Fig.- Apps page 1

### Custom JPHEs Apps

- JPHEs Hierarchy - For creating and maintaining the attribution hierarchy.
- JPHEs Programs - For grouping data elements and indicators.
- JPHEs Support - Redirects to the [JPHEs Servicedesk page](#).
- JPHEs Documentation - Redirects to the JPHEs documentations.
- JPHEs Homepage - Redirects to the [JPHEs Homepage](#)

Fig.- Apps page 2

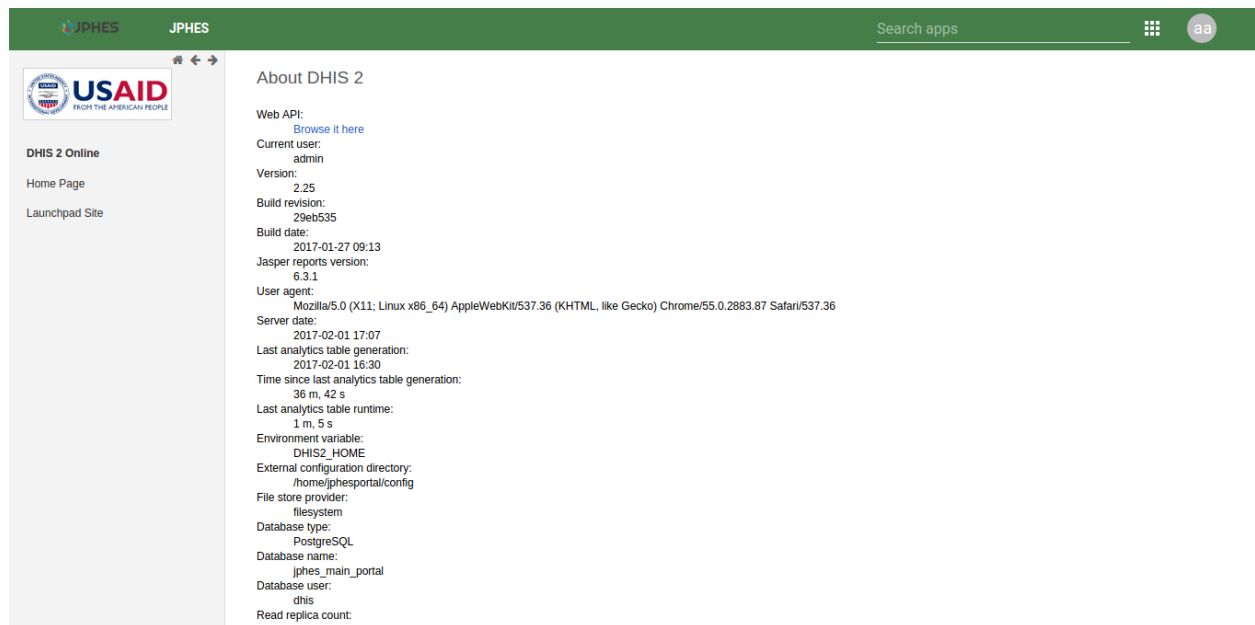
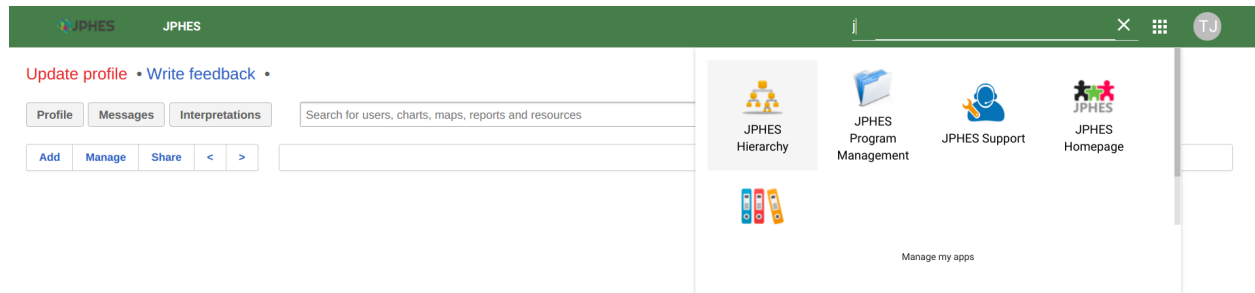
Navigate to the about page using the account icon.

Fig.- About Page

## 3.3 JPHEs Functionalities

### What the user can do

- Create/delete/update/view programs.
- Create/update/view Support programs.
- Create/update/view support agencies.
- Create/update/view users within a certain level e.g mechanism, agency or donor levels.
- IPSL management.
- Pull Data from the National DHIS2.



- Data Push to DATIM4U.
- Perform data attribution,.
- Reports (standard reports), Data Visualization, Data Entry and Pivot tables analysis.

## 3.4 JPHES Hierarchy

Fig. Hierarchy Units

### 3.4.1 National Unit Level

- Create, Update and Remove Programs.
- Create, Update and Remove Development Partners e.g PEPFAR.
- Assign Programs to a Development Partner.
- View a list of the development partners.
- View details of each development partner such as the programs assigned and the agencies supported by the development partner. In addition, can drill down to the lowest level (mechanism).
- Analysis and reports for all units (Donor, Agency, and Mechanism).

### 3.4.2 Donor Unit Level

- Create, Update and Remove agencies.
- View a list of the agencies.
- View details of each agency: the programs assigned to the agency and the implementing mechanisms the agency is supporting.
- Create, view and update users for this specific level.
- Analysis and reports for donor unit->agency units->mechanism units.

### 3.4.3 Agency Unit Level

- Create, Update and Remove Implementing Mechanism.
- Assign programs to an implementing mechanism.
- View the list of the implementing mechanisms.
- View details of each IM: the programs supported and the facilities under the implementing mechanism.
- Analysis and reports for the agency unit->mechanism units.

### 3.4.4 Mechanism Unit Level

- View a list of all facilities supported by the implementing mechanism.
- View a list of the programs supported by the IM.
- Data Entry and approval

- Analysis and reports for the mechanism unit.

#### **4.1 Nutrition**

Nutrition indicators

#### **4.2 MCH**

Maternal and Child Health indicators

#### **4.3 FPRH**

Family Planning and Reproductive Health indicators

#### **4.4 Malaria**

Malaria Indicators

#### **4.5 WASH**

Water, Sanitation and Hygiene indicators

#### **4.6 Summarized Program Indicators**

WASH, Malaria, Nutrition, Family Planning, Maternal and Child Health

## 4.7 Non-Service Delivery Program

Health Systems Strengthening



To navigate to the JPHES programs app, search for *JPHES Program Management* on the search bar then click on it.

---

**Note:** functionalities available are based on user roles.

---

### 5.1 Program List

This page displays the programs already created. On clicking on a program item a **pop up menu** appears that allows the user to perform functions such as:

- Show details of a program.
- Remove a program.
- Update a program.
- View program data elements.
- View program indicators.

Fig-Pop-up menu on the program list.

Fig-JPHES program list.

### 5.2 Creating a Program

To display the program creation page, click on the *add button* on the program list page. During this process the user has to provide the program name, program short name, program description and select data elements/indicators for the program.

Fig-Add Program Page

JPHEs

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Search apps

aa

All Programs

All Programs

Program ?

Name	Code	Created	Last Updated
Prevention of Mother to Child Treatment		2017-02-01	2017-02-01

No. of pages: 1

No. of rows

Jump to page:

« « 1 » »

View Data Elements

View Indicators

Edit

Remove

Show details

JPHEs

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aa

All Programs

All Programs

Program ?

Name	Code	Created	Last Updated
Prevention of Mother to Child Treatment		2017-02-01	2017-02-01

No. of pages: 1

No. of rows per page:

Jump to page:

« « 1 » »

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Add Program

Details

Name \*
Prevention of Mother to Child Treatment

Short Name \*
PMCT

Code

Description
Prevention of Mother to Child Treatment

Data Elements

pmt
Filter Clear

New patients enrolled whin the month for HIV care through PMTCT

>
<
>>
<<

Total PMTCT prophylaxis  
Total Positive (PMTCT)  
Total Tested (PMTCT)

Filter
Filter Clear

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Data Elements

pmt
Filter Clear

New patients enrolled whin the month for HIV care through PMTCT

>
<
>>
<<

Total PMTCT prophylaxis  
Total Positive (PMTCT)  
Total Tested (PMTCT)

Indicators

Filter
Filter Clear

DPT/Hep+Hib3 dropout rate  
DPT+HIB+HEP B Wastage Rate (WR)  
Inpatient Death Rate- Nutrition  
Inpatient Recovery rate -Nutrition  
IP Defaulter Rate-Nutrition  
IPV Wastage Rate (WR)  
Measles dropout rate  
Number of Pregniant women given Tetanus Toxoid (3+ dose)  
Number of Women of reproductive age (WRA) receiving family planning (FP) corn  
OPV 1 Coverage  
OPV 2 Coverage  
OPV 3 Coverage  
OPV birth dose coverage

>
<
>>
<<

Number of Pregniant women given Tetanus Toxoid (1st dose)  
Number of Pregniant women given Tetanus Toxoid (2nd dose)

Add Cancel

## 5.3 Edit Program

To display the program edit page, on the pop-up menu select *edit* option. It allows the user to update details of the program such as the program name, short name, description, the data elements and indicators.

The screenshot shows the 'Edit Program' interface in JPHES. The top navigation bar is green and contains the JPHES logo, the text 'JPHES', a search bar labeled 'Search apps', and a user profile icon labeled 'aa'. The main content area is titled 'Edit Program' and is divided into three main sections: 'Details', 'Data Elements', and 'Indicators'. The 'Details' section contains four input fields: 'Name' (with the value 'Prevention of Mother to Child Treatment'), 'Short Name' (with the value 'PMCT'), 'Code' (empty), and 'Description' (with the value 'Prevention of Mother to Child Treatment'). The 'Data Elements' section features a list of data elements with a 'Filter' box and 'Filter' and 'Clear' buttons. The 'Indicators' section features a list of indicators with a 'Filter' box and 'Filter' and 'Clear' buttons.

Fig- Program Edit Page

## 5.4 Show Program Details

On the pop-up menu, select *show details* option to display program details. It shows summary details of the program such as number of data elements, program description and number of indicators.

Fig. Show Program Details.

## 5.5 View Program Data Elements

On selecting the *view dataelements* option on the pop-up menu. It displays the data elements assigned to the program.

Fig. Program Data elements.

## 5.6 View Program Indicators

On selecting the *view indicators* option on the pop-up menu. It displays the indicators assigned to the program.

Fig. Program Indicators

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JPHEs
Search apps

All Programs
All Programs

### Program ?

Name	Code	Created	Last Updated
Prevention of Mother to Child Treatment		2017-02-01	2017-02-01

No. of pages: 1
No. of rows per page: 50
Jump to page: 1

« « 1 » »

Name:
Prevention of Mother to Child Treatment

Short Name:
PMCT

Code:

Description:
Prevention of Mother to Child Treatment

UID:
DpAHpyY7CAw

No. of Data Elements
3

No. of Indicators
2

DataElement Group
Prevention of Mother to Child Treatment

Indicator Group
Prevention of Mother to Child Treatment

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All Programs
All Programs

### Data Elements for - Prevention of Mother to Child Treatment ?

Name	Code	Create Date	Last Updated
Total PMTCT prophylaxis	HV02-17	2011-09-09	2017-01-31
Total Positive (PMTCT)		2011-09-09	2017-01-31
Total Tested (PMTCT)		2011-09-09	2017-01-31

No. of pages: 1
No. of rows per page: 50
Jump to page: 1

« « 1 » »

JPHEs

Search apps

aa

All Programs

All Programs

Indicators for - Prevention of Mother to Child Treatment ?

Name	Code	Create Date	Last Updated
Number of Pregnant women given Tetanus Toxoid (1st dose)		2013-02-26	2017-01-31
Number of Pregnant women given Tetanus Toxoid (2nd dose)		2013-02-26	2017-01-31

No. of pages: 1

No. of rows per page: 50

Jump to page: 1

Go

« « 1 » »

## CHAPTER 6

### Hierarchy

To navigate to the hierarchy app, search for *JPHES Hierarchy* on the search bar then click on it.

**Note:** functionalities available are based on user roles.

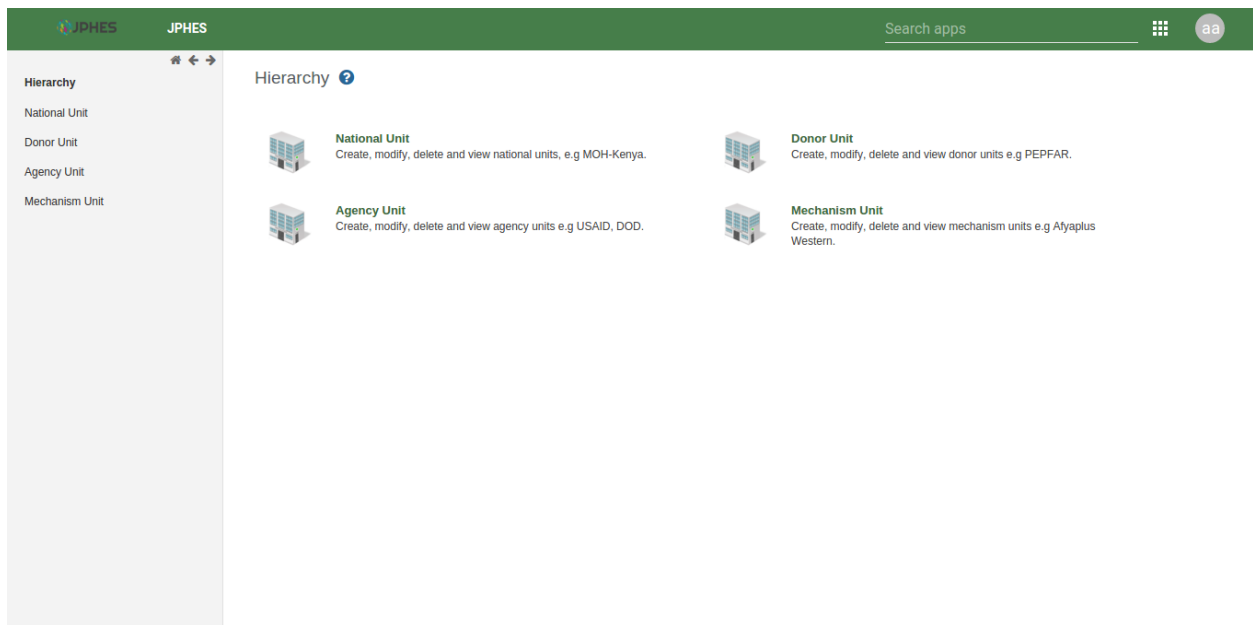


Fig -JPHER Hierarchy units.

### 6.1 National Unit Level

Create and update national unit, and to create/update donor units.

## 6.1.1 List of National Unit

**Note:** To display the pop-out menu(with options e.g update, view assigned programs, show details) click on a specific unit in the list.

Fig -list of national units.

## 6.1.2 Add National Unit

**Note:** Must provide supported programs.

Fig -Add a National Unit.

## 6.1.3 National Unit Details

Click on the *show details* option in the menu popup.

Fig -National Unit details.

## 6.1.4 Assigned National Unit Programs

Click on the *assigned programs* option in the menu popup.

Fig -National Unit Programs.



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Create New National Unit

Details

Name \*
MOH Kenya
Short Name \*
MOH Kenya
Code
Description
MOH Kenya

Available
Selected

Filter
Filter
Clear

JPHEs Programs

Orphan and Vulnerable Children  
Prevention of Mother to Child Treatment

>
<
>>
<<

Add
Cancel

JPHEs
JPHEs
Search apps
aa

Hierarchy
National Unit
Donor Unit
Agency Unit
Mechanism Unit

National Unit ?

Filter by name
Filter
Clear
Add new

Name	Short Name	Code	Last Updated
MOH Kenya	MOH Kenya		2017-02-01

No. of pages: 1
No. of rows per page: 10
Jump to page: 1
Go

« « 1 » »

Name: MOH Kenya
Code:
No. of Programs: 2
No. of Donors: 1
ID: aGOWgGasV79
UserGroup: MOH Kenya
Donor GroupSet: A. Donor Units-MOH Kenya
Agency GroupSet: B. Agency Units-MOH Kenya
Mechanism Category: C. Mechanism Units-MOH Kenya
Mechanism CategoryCombo: MechanismUnit Combo-MOH Kenya
API Link: ../api/nationalUnits/aGOWgGasV79
Create Data

JPHES

JPHES

Search apps

aa

Hierarchy

National Unit

Donor Unit

Agency Unit

Mechanism Unit

JPHES Programs for - MOH Kenya

Name	Code	Create Date	Last Updated
Orphan and Vulnerable Children		2017-02-01	2017-02-01
Prevention of Mother to Child Treatment		2017-02-01	2017-02-01

No. of pages: 1

No. of rows per page: 50

Jump to page: 1

Go

«

«

1

»

»

## 6.1.5 Add a Donor Unit to a National Unit

Click on the *add donor unit* option in the pop-up menu on the national unit.

**Note:** Provide the supported programs by the donor unit.

JPHEs					
JPHEs		Search apps			
Create Donor Unit for - MOH Kenya					
Details					
Name *	PEPFAR				
Short Name *	PEPFAR				
Code					
Description	President's Emergency Plan For AIDS Relief				
Available		Selected			
Filter		Filter			
JPHEs Programs		Orphan and Vulnerable Children Prevention of Mother to Child Treatment			
Add		Cancel			

Fig -Adding a donor unit to a national unit.

## 6.2 Donor Unit Level

### 6.2.1 List of Donor

**Note:** To display the pop-out menu(with options e.g add agency and show details) click on the donor unit in the list.

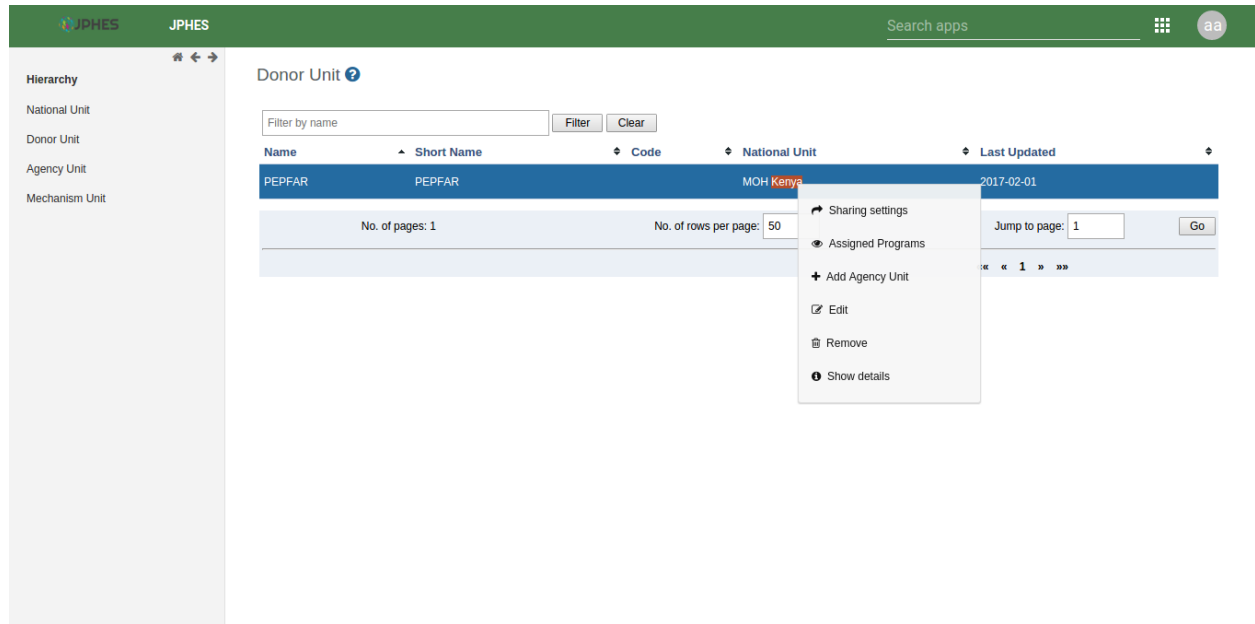


Fig -list of donors.

### 6.2.2 Add an Agency to a Donor Unit

Click on the *add agency* option in the menu popup.

**Note:** Must provide programs supported by the agency.

Fig - Adding an agency to a selected donor unit

### 6.2.3 Assigned Donor Unit Programs

Click on the *assigned programs* option in the menu popup.

Fig - Donor Unit Programs.

### 6.2.4 Donor Details

Click on the *show details* option in the menu popup.

Fig -Viewing donor details.

JPHER

JPHER

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⌕ ← →

Create Agency Unit for - PEPFAR

Details

Name \*

USAID

Short Name \*

USAID

Code

Description

US Agency for International Development

Available

Filter

Filter

Clear

JPHER Programs

Add

Cancel

Selected

Orphan and Vulnerable Children  
Prevention of Mother to Child Treatment

JPHES

JPHES

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Hierarchy

National Unit

Donor Unit

Agency Unit

Mechanism Unit

JPHES Programs for - PEPFAR

Name	Code	Create Date	Last Updated
Orphan and Vulnerable Children		2017-02-01	2017-02-01
Prevention of Mother to Child Treatment		2017-02-01	2017-02-01

No. of pages: 1

No. of rows per page: 50

Jump to page: 1

Go

« « 1 » »

The screenshot shows the JPHES application interface. The top navigation bar includes the JPHES logo, a search bar, and a user profile icon. The left sidebar shows a hierarchy: National Unit, Donor Unit, Agency Unit, and Mechanism Unit. The main content area is titled "Donor Unit" and contains a table with columns: Name, Short Name, Code, National Unit, and Last Updated. The table has one row: PEPFAR, PEPFAR, (blank), MOH Kenya, 2017-02-01. Below the table are pagination controls: No. of pages: 1, No. of rows per page: 10, Jump to page: 1, and a Go button. A details sidebar on the right shows the following information:

- Name:** PEPFAR
- Code:**
- No. of Programs:** 2
- No. of Agencies:** 1
- ID:** bpmTHAaq6PX
- UserGroup:** PEPFAR
- CategoryOptionGroup:** PEPFAR
- National Unit:** MOH Kenya
- API Link:** ../api/donorUnits/bpmTHAaq6PX
- Create Date:** 2017-02-01

## 6.3 Agency Unit Level

Create/update mechanism units.

### 6.3.1 List of Agency Unit

**Note:** To display the pop-out menu(with options e.g add mechanism, show details) click on an agency unit in the list.

The screenshot shows the JPHES application interface. The top navigation bar includes the JPHES logo, a search bar, and a user profile icon. The left sidebar shows a hierarchy: National Unit, Donor Unit, Agency Unit, and Mechanism Unit. The main content area is titled "Agency Unit" and contains a table with columns: Name, Short Name, Code, Donor Unit, and Last Updated. The table has one row: USAID, USAID, (blank), PEPFAR, 2017-02-01. Below the table are pagination controls: No. of pages: 1, No. of rows per page: 10, Jump to page: 1, and a Go button. A details sidebar on the right shows the following information:

- Name:** USAID
- Code:**
- No. of Programs:** 2
- No. of Mechanisms:** 1
- ID:** uyulEAEVVqD
- UserGroup:** USAID
- CategoryOptionGroup:** USAID
- Donor Unit:** PEPFAR
- API Link:** ../api/agencyUnits/uyulEAEVVqD
- Create Date:** 2017-02-01

Fig -list of agency units.

## 6.3.2 Add Mechanism to an Agency

Click on the *add mechanism* option in the menu popup.

**Note:** Must provide programs supported by the mechanism.

Fig -Adding a Mechanism to an agency unit

## 6.3.3 Assigned Agency Unit Programs

Click on the *assigned programs* option in the menu popup.

Fig - Agency Unit Programs.

## 6.3.4 Agency Details

Click on the *show details* option in the menu popup.

Fig -View agency details.

## 6.4 Mechanism Unit Level

View details, programs and organisation units of the mechanism units

### 6.4.1 List of Mechanism Unit

**Note:** To display the pop-out menu(with options e.g show details) click on mechanism unit in the list.

JPHEs

Search apps

Hierarchy
National Unit
Donor Unit
Agency Unit
Mechanism Unit

### JPHEs Programs for - USAID

Name	Code	Create Date	Last Updated
Orphan and Vulnerable Children		2017-02-01	2017-02-01
Prevention of Mother to Child Treatment		2017-02-01	2017-02-01

No. of pages: 1
No. of rows per page: 
Jump to page:

« « 1 » »

JPHEs

Search apps

Hierarchy
National Unit
Donor Unit
Agency Unit
Mechanism Unit

### Agency Unit

Name	Short Name	Code	Donor Unit	Last Updated
USAID	USAID		PEPFAR	2017-02-01

No. of pages: 1
No. of rows per page: 
Jump to page:

« « 1 » »

Name: USAID  
Code:  
No. of Programs: 2  
No. of Mechanisms: 1  
ID: uyulEAEVVqD  
UserGroup: USAID  
CategoryOptionGroup: USAID  
Donor Unit: PEPFAR  
API Link: ../api/agencyUnits/uyulEAEVVqD  
Create Date: 2017-02-01

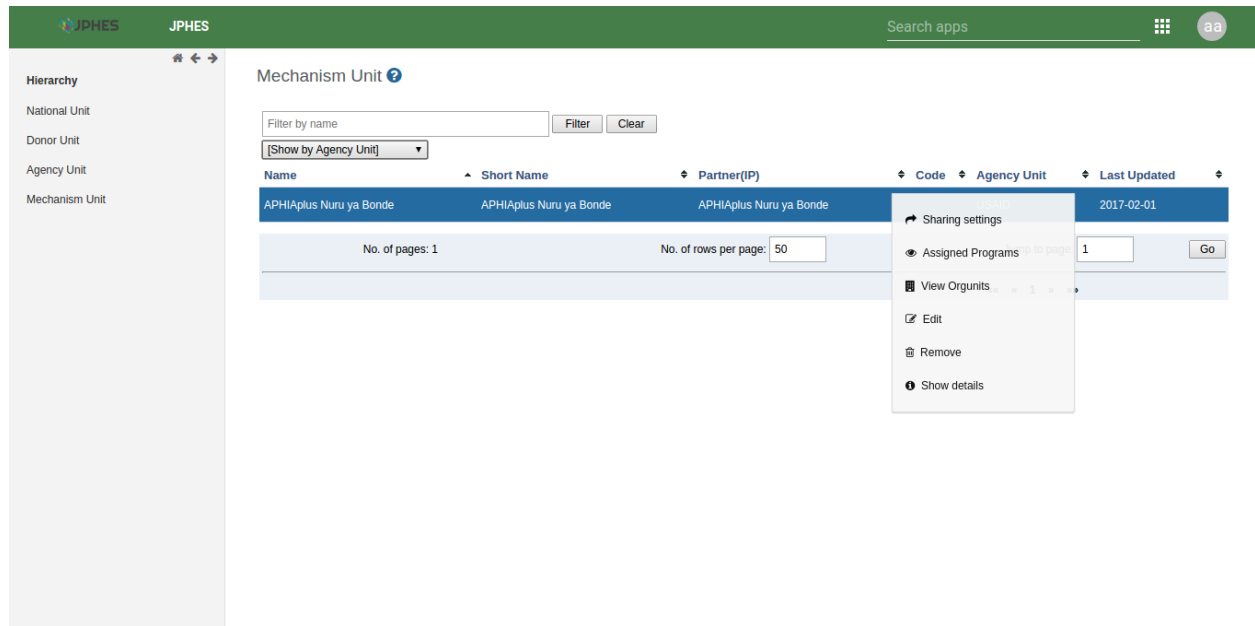


Fig -list of mechanism units.

## 6.4.2 Mechanism Details

Click on the *show details* option in the menu popup.

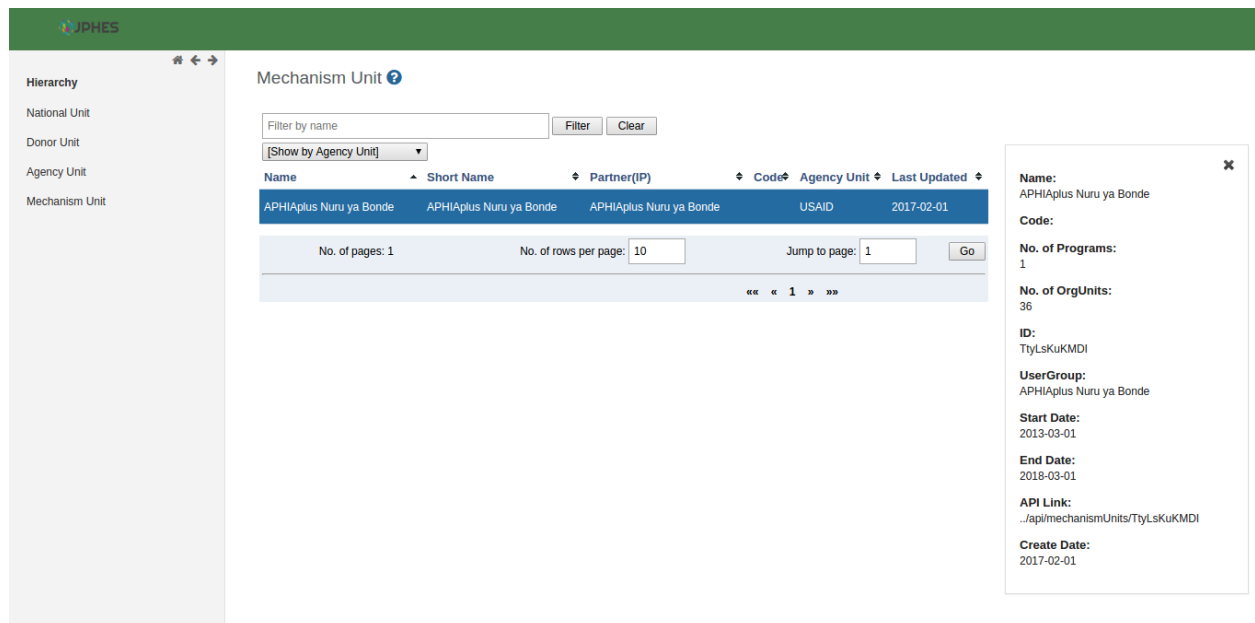


Fig -Mechanism details.

## 6.4.3 Mechanism Programs

Click on the *assigned programs* option in the menu popup.



JPHER			
JPHER			
Search apps			
JPHER Programs for - APHIAplus Nuru ya Bonde			
Name	Code	Create Date	Last Updated
Prevention of Mother to Child Treatment		2017-02-01	2017-02-01
<div> No. of pages: 1 No. of rows per page: 50 Jump to page: 1 Go </div>			
« « 1 » »			

Fig -Mechanism programs.

## 6.4.4 Mechanism Orgunits

Click on the *view mechanism orgunits* option in the menu popup.

JPHER

JPHER

Search apps

aa

Hierarchy

National Unit

Donor Unit

Agency Unit

Mechanism Unit

Mechanism Orgunits for - APHIAplus Nuru ya Bonde

Filter by name

Filter

Clear

Back

Name	Short Name	Code	Hierarchy Level	Create Date	Last Updated
Ahya Medical Clinic (Mbaruk)	Ahya Medical Clinic (Mbaruk)	20265	5	2017-01-31	2017-01-31
AIC Ebenezer	A.I.C Ebenezer	17582	4	2017-01-31	2017-01-31
Bahati District Hospital	Bahati District Hospital	14224	5	2017-01-31	2017-01-31
Bomet County	Bomet County	12	2	2017-01-31	2017-01-31
Camp Brethren Medical Clinic	Camp Brethren MC	14278	5	2017-01-31	2017-01-31
Gosheni Medical Clinic	Gosheni Medical Clinic	14533	5	2017-01-31	2017-01-31
Nacoharg Medical Centre	Nacoharg Medical Centre	15272	5	2017-01-31	2017-01-31
NYS Karate Dispensary	NYS Karate Dispensary	15380	5	2017-01-31	2017-01-31
Ol-Jorai Dispensary	Ol-Jorai Dispensary	15406	5	2017-01-31	2017-01-31
Valley Hospital	Valley Hospital	15764	5	2017-01-31	2017-01-31

No. of pages: 4

No. of rows per page: 10

Jump to page: 1

Go

«

«

1

2

3

4

»

»»

Fig -Organisation units supported.



JPHES contains the following datasets, categorized here by their level of reporting

### 7.1 National/Mechanism Level

- National Performance(Malaria, WASH) - Rev. 2018
- Family Planning Narrative - Rev. 2018
- Maternal and Child Health Narrative - Rev. 2018
- Nutrition Narrative - Rev. 2018
- WASH Narrative - Rev. 2018
- Malaria Narrative
- Non-Service Delivery Narrative
- Summarized Program Narrative

### 7.2 County Level

- County Performance(Nutrition, MCH ,WASH) - Rev. 2018

### 7.3 Sub-County Level

- Sub-County Performance(FP, Nutrition, MCH, WASH) - Rev. 2018
- Family Planning Target - Rev. 2018
- Malaria Target

- Maternal and Child Health Target - Rev. 2018
- Nutrition Target - Rev. 2018
- WASH Target - Rev. 2018

## **7.4 Ward Level**

- WASH Performance - Rev. 2018
- Malaria Performance

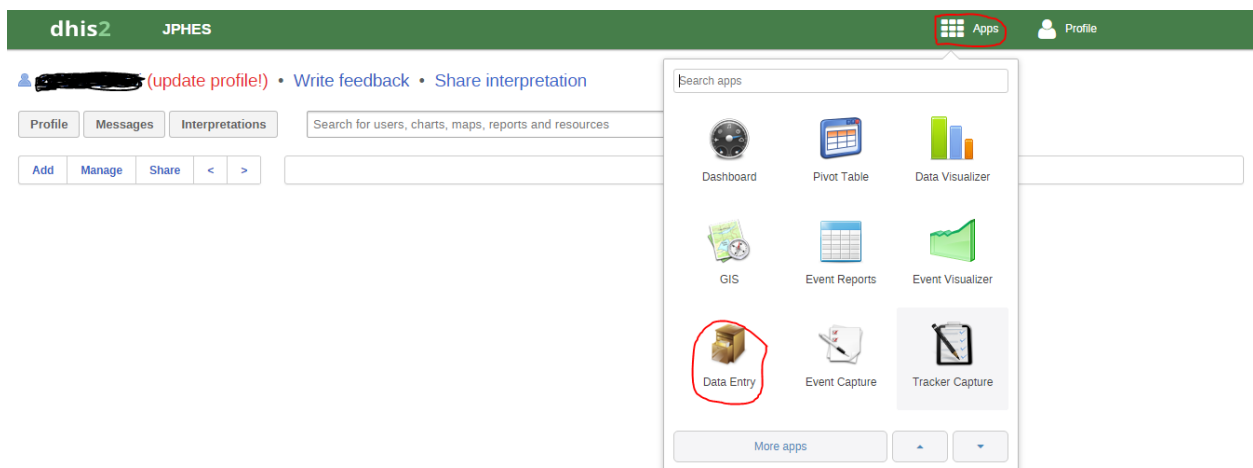
## **7.5 Facility Level**

- Maternal and Child Health Performance - Rev. 2018
- Nutrition Performance - Rev. 2018

## CHAPTER 8

### Data Entry

The JPHES data entry module is designed in such a way that an Implementing Partner can only enter their data. Data entry in JPHES is done as per the level of the dataset, that is National, County, Ward and Facility. After logging into the system, hover mouse pointer / click on the *Apps* icon on the far left as shown on the figure below. On the dropdown that appears, click on *Data Entry* icon.



This navigates to the data entry page, as shown on the figure below. For data entry forms to appear, you will be required to first select an organization unit/facility you are reporting for on the left panel, the dataset, reporting period and the implementing partner you are reporting for, which comes up after selecting the *organization unit*, *Dataset* and *period* that the user is reporting for.

**Data Entry**

Organisation Unit: Bomet County

Data Set: County Performance

Period: October 2016 - March 2017

C. Mechanism Units- MOH Kenya: APHIAplus Nuru ya Bonde

**Nutrition Performance**

Standard: 3.1.9.2-2 Number of health facilities with established capacity to manage acute under-nutrition

Buttons: Run validation, Print form, Print blank form

## 8.1 Data Entry Forms

Below are sample screenshots for different data entry forms;

### 8.2 1. Facility Level

#### Nutrition Performance Dataset

**Data Entry**

Organisation Unit: Family Health Options Kenya

Data Set: Nutrition Performance

Period: April - September 2016

**Nutrition -Performance**

Indicator	Result
Custom: Total number of children under five years	
Standard: 3.1.9-15 Number of children (under 5 yrs) reached by USG-supported nutrition programs	
Custom: Number of children under five who are wasted	
Custom: Number of children under five who are Underweight	
Standard: 3.1.9.2-3 Number of children under 5 years of age who received Vitamin A from USG-supported programs	

Buttons: Run validation, Print form, Print blank form

## 8.3 2. Ward Level

### Wash Performance Dataset

**JPHES** JPHES Search apps

Kenya

- Baringo County
- Bomet County
- Bungoma County
- Busia County
- Elgeyo-Marakwet County
- Embu County
- Garissa County
- Homa Bay County
  - Homa Bay Township
    - Homabay Arujo Ward**
      - Family Health Options Kenya
      - Homa Bay Community Medi
      - Miniambo Dispensary
    - Homabay Central Ward
    - Homabay East Ward
    - Homabay West Ward
  - Kabondo Kasipul Sub County
  - Kasipul Sub County
  - Mbita Sub County
  - Ndhiwa Sub County
  - Rachuonyo North Sub County
  - Rangwe Sub County
  - Suba Sub County
- Isiolo County

**Data Entry**

Homabay Arujo Ward - October 2016 - March 2017 - No Data Element Selected

Organisation Unit: Homabay Arujo Ward

Data Set: WASH Performance

Period: October 2016 - March 2017 Prev year Next year

Run validation Print form Print blank form

WASH Performance	
Indicator	Result
Standard: 3.1.8.1.2 Number of people in target areas gaining access to improved drinking water supply	
Males	
Females	
Standard: 3.1.8.2.2 Number of people in target areas gaining access to improved sanitation facilities as a result of USG assistance (NOTE - SHOULD NOT INCLUDE NUMBERS FROM SCHOOLS AND HEALTH FACILITIES)	
Males	

## 8.4 3. County Level

### County Performance Datasets

**JPHES** JPHES Search apps

Kenya

- Baringo County
- Bomet County**
- Bungoma County
- Busia County
- Elgeyo-Marakwet County
- Embu County
- Garissa County
- Homa Bay County
  - Homa Bay Township
    - Homabay Arujo Ward
      - Family Health Options Kenya
      - Homa Bay Community Medi
      - Miniambo Dispensary
    - Homabay Central Ward
    - Homabay East Ward
    - Homabay West Ward
  - Kabondo Kasipul Sub County
  - Kasipul Sub County
  - Mbita Sub County
  - Ndhiwa Sub County
  - Rachuonyo North Sub County
  - Rangwe Sub County
  - Suba Sub County
- Isiolo County

**Data Entry**

Bomet County - October 2016 - March 2017 - No Data Element Selected

Organisation Unit: Bomet County

Data Set: County Performance

Period: October 2016 - March 2017 Prev year Next year

C. Mechanism Units-MOH Kenya: APHIAplus Nuru ya Bonde

Run validation Print form Print blank form

Nutrition indicators MCH indicators FP\_RH indicators Malaria indicators

Nutrition Performance	
Standard: 3.1.9.2.2 Number of health facilities with established capacity to manage acute under-nutrition	

Complete Incomplete Run validation

## 8.5 4. National Level

### National Performance Datasets

JPHEs

JPHEs

Search apps

aa

Kenya

- Baringo County
- Bomet County
- Bungoma County
- Busia County
- Elgeyo-Marakwet County
- Embu County
- Garissa County
- Homa Bay County
- Isiolo County
- Kajiado County
- Kakamega County
- Kericho County
- Kiambu County
- Kilifi County
- Kirinyaga County
- Kisii County
- Kisumu County
- Kitui County
- Kwale County
- Lakipia County
- Lamu County
- Machakos County
- Makueni County
- Mandera County

Data Entry

Organisation Unit

Kenya

Data Set

National Performance

Period

October 2016 - March 2017

Prev year

Next year

Run validation

Print form

Print blank form

FP\_RH Indicators

Malaria Indicators

WASH

Family Planning and Reproductive Health -National

Custom: Number of new policies developed with USG assistance to improve access and use of FP/RH, MCH and Nutrition services, by stage of development:		
Custom: Number of new Guidelines or Strategic Plans developed with USG assistance to improve access to and use of FP/RH:		
Custom: Number of policies or guidelines developed or changed to improve access to and use of FP/RH services :		
Custom: Percent increase on contraceptive commodity reporting rates		



#### 9.1 Pivot Table Analysis

The pivot table app enables users to create pivot tables, using all available data dimensions in JPHES. A pivot table is a dynamic tool for data analysis which lets you quickly summarize and arrange data according to its dimensions. Examples of data dimensions in JPHES are data dimension itself (e.g data elements, indicators and events ), periods (representing the time period for which the data represents) and the organisational hierarchy (representing the geographical location of the data). From these dimensions you can freely select dimension items to include in the pivot table. Additional dimensions can be created in JPHES, using the group set functionality, to allow for different aggregation pathways, such as aggregation by “Partner” or facility type. A pivot table can arrange data dimensions on columns, rows, and as filters. When you place a data dimension on columns, the pivot table will display one column per dimension item. If you place multiple data dimensions on columns, the pivot table will display one column for all combinations of the items in the selected dimensions. When you place a data dimension on rows, the pivot table will display one row per dimension item in a similar fashion. The dimensions you select as filters will not be included in the pivot table, but will aggregate and filter the table data based on the selected filter items. The work-flow for creating a simple pivot table is:

- Select dimension items in the left menu, for instance a few data elements or indicators.
- Click “Layout” on the top menu and arrange the data dimensions as columns, rows, and filters. You can leave the selection as it is if desired.
- Click “Update”.

A pivot table similar as below will be displayed. Notice how indicators are listed on columns and periods as rows.

DHIS 2 Pivot Table

**Data**

**Periods**

Yearly

Available > >> << < Selected

2017  
2016  
2015  
2014  
2013  
2012  
2011  
2010

**Weeks**

☐ This week  
☐ Last week  
☐ Last 4 weeks  
☐ Last 12 weeks  
☐ Last 52 weeks

**Months**

☐ This month  
☐ Last month  
☐ Last 3 months  
☐ Last 6 months  
☐ Last 12 months

**Bi-months**

☐ This bi-month  
☐ Last bi-month  
☐ Last 6 bi-months

**Quarters**

☐ This quarter  
☐ Last quarter  
☐ Last 4 quarters

**Six-months**

☐ This six-month  
☐ Last six-month  
☐ Last 2 six-months

**Financial years**

☐ This financial year  
☐ Last financial year  
☐ Last 5 financial years

**Years**

☐ This year  
☐ Last year  
☐ Last 5 years

**Organisation units**

A. Donor Units-MOH Kenya  
B. Agency Units-MOH Kenya  
C. Mechanism Units-MOH Kenya  
Nutrition age-groups

Untitled

About Home

<<< Update Favorites Layout Options Download Embed >>>

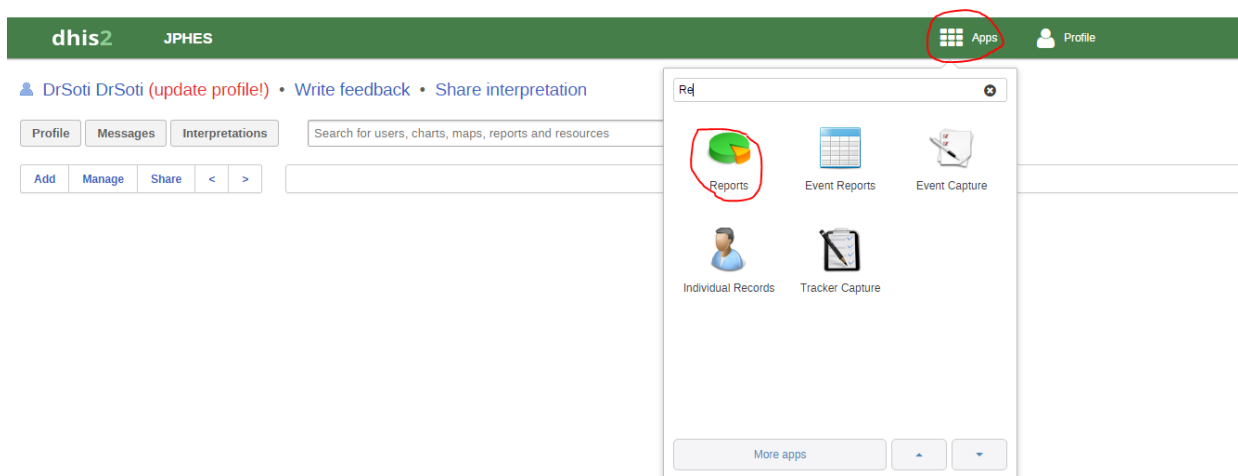
Table Chart Map <<<

**Kenya**

Period / Data	Diabetes	Diarrhoea	Dysentery (Bloody Diarrhoea)	Total
2016	18 739	148 369	4 489	171 597
<b>Total</b>	18 739	148 369	4 489	171 597

## 9.2 Reports

Reports functionality can be accessed by clicking on Apps -> More apps -> Reports or by clicking on Apps then searching for Reports on the search bar.



There are two main types of reports than can be generated from JPHES; Dataset Reports and Standard reports:

### 9.2.1 Dataset Reports

Dataset reports are printer friendly views of the data entry screen filled with either raw or aggregated data. These are only available for data sets that have custom data entry forms and not for default or section forms. You can access data set reports from *Apps->Reports*. A Criteria window will appear where you fill in the details for your report:

- **Dataset:** The data set you want to display.

- **Reporting period:** The actual period you want data for. This can be aggregated as well as raw periods. This means that you can ask for a quarterly or annual report even though the data set is collected monthly. A data set's period type (collection frequency) is defined in data set maintenance. First select the period type (Monthly, Quarterly, Yearly etc.) in the drop down next to Prev and Next buttons, and then select one of the available periods from the dropdown list below. Use Prev and Next to jump one year back or forward.
- **Use data for selected unit only:** Use this option if you want a report for an orgunit that has children, but only want the data collected directly for this unit and not the data collected by its children. If you want a typical aggregated report for an orgunit you do not want to tick this option.
- **Reporting Organisation unit:** Here you select the orgunit you want the report for. This can be at any level in the hierarchy as the data will be aggregated up to this level automatically (if you do not tick the option above).

When you are done filling in the report criteria you click on **Generate**. The report will appear as HTML in a printer-friendly format. Use the print and save as functions in the browser to print or save (as HTML) the report. You can also export the data set report in Excel and PDF formats. Below is a sample dataset report layout:

The screenshot shows the dhis2 JPHES interface. The top bar has 'dhis2' and 'JPHES' logos, and 'Apps' and 'Profile' links. The left sidebar lists navigation options: Report, Standard Report, Data Set Report, Reporting Rate Summary, Resource, Organisation Unit Report, Data Approval, Report Table, Analytics and Data Mart, and Analytics and Data Mart. The main content area is titled 'Data Set Report' with a help icon. Below the title are buttons for 'Data criteria', 'Download as Excel', 'Download as PDF', and 'Print'. The report title is 'Kenya - Jan to Mar 2016'. There is a text box for 'Write a comment, question or interpretation of this report' and a 'Share' button. The report content is titled '3.1.3 Malaria' and lists several metrics: 'Number of ITNs distributed that were purchased or subsidized with USG support', 'Number of houses sprayed with insecticide with USG support', 'Number of people trained in malaria treatment or prevention', 'Number of Male', and 'Number of Female'.

## 9.2.2 Standard Reports

You access the available reports by navigating to Apps->Reports. In the report menu in the left bar, click Standard Report. A list of all pre-defined reports will appear in the main window.

Report

Standard Report

Data Set Report

Reporting Rate Summary

Resource

Organisation Unit Report

Data Approval

Report Table

Analytics and Data Mart

Analytics and Data Mart

Standard Report ?

Name

County Training

FPRH

Malaria Report

MCH Report

Nutrition Report

WASH Report

No. of pages: 1

No. of rows per page:

Jump to page:

« « 1 » »

You run/view a report by clicking on the name of the report and then selecting “Create” from the contextual menu. If there are any pre-defined parameters, you will see a report parameter window where you must fill in the values needed for orgunit and/or reporting month, depending on what has been defined in the underlying report table(s). Click on “Get Report” when you are ready. The report will either appear directly in your browser or be available as a PDF file for download, depending on your browser settings for handling PDF files. You can save the file and keep it locally on your computer for later use.

### 10.1 How to Approve data

1. On the search menu select the reports App, then click on the *Data Approval* link on the side menu.

**Note:** Only CoPs have approval permissions in the platform.

Fig -Data Approval Page.

2. Select a data set to approve, the period(based on the reporting period of the data set) and then Kenya(Represents Mechanism level).

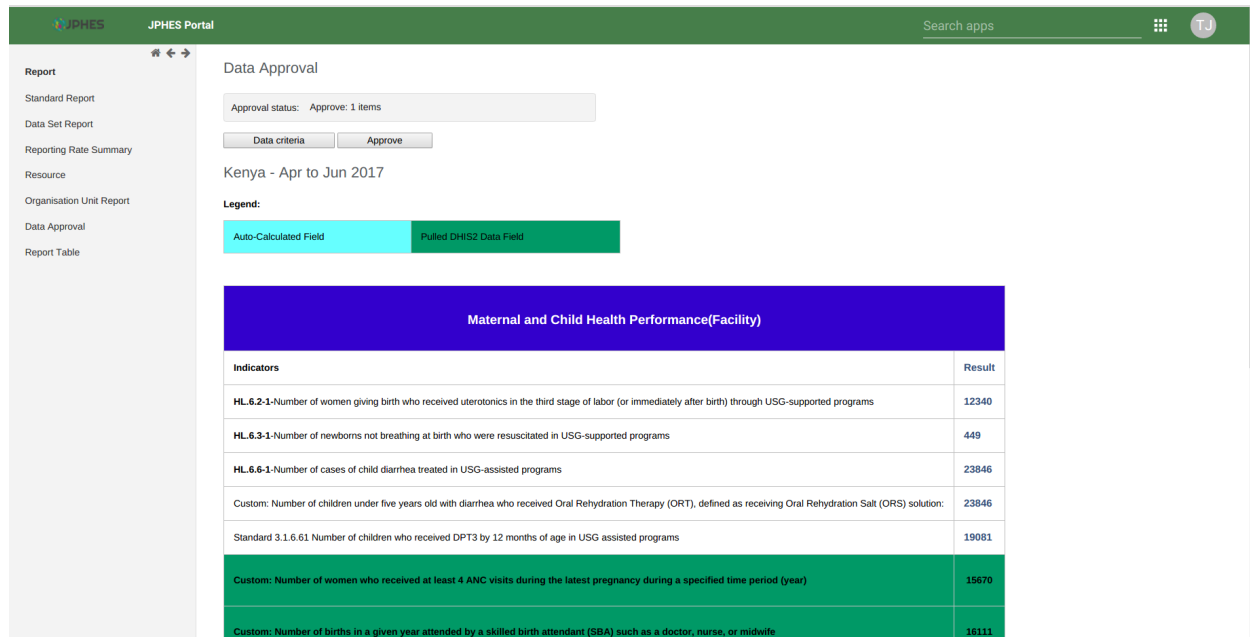
**Note:** If the **reporting organisationunit hierarchy** does not appear on the data approval page. Navigate to **data entry app** and search for any facility on the search menu. Once the hierarchy appears on the data entry screen go back to data approval page, and the hierarchy should appear. *It's an issue of browser caching, to be fixed soon.*

Fig -Selecting Options(Data Set, Period and Kenya-Mechanism level)

- Then click on the mechanism combo (*select items*) to select your mechanism on the pop-up menu.

Fig -Selecting mechanism on the pop-up menu.

- Lastly, click on **Get data button** to generate and display the data set report based on your selected options. Confirm the values on report and click **Approve** if they're okay.



**Data Approval**

Approval status: Approve: 1 items

Data criteria Approve

Kenya - Apr to Jun 2017

**Legend:**

Auto-Calculated Field Pulled DHS2 Data Field

Maternal and Child Health Performance(Facility)	
Indicators	Result
HL.6.2.1-Number of women giving birth who received uterotonics in the third stage of labor (or immediately after birth) through USG-supported programs	12340
HL.6.3.1-Number of newborns not breathing at birth who were resuscitated in USG-supported programs	449
HL.6.6.1-Number of cases of child diarrhea treated in USG-assisted programs	23846
Custom: Number of children under five years old with diarrhea who received Oral Rehydration Therapy (ORT), defined as receiving Oral Rehydration Salt (ORS) solution:	23846
Standard 3.1.6.61 Number of children who received DPT3 by 12 months of age in USG assisted programs	19081
Custom: Number of women who received at least 4 ANC visits during the latest pregnancy during a specified time period (year)	15670
Custom: Number of births in a given year attended by a skilled birth attendant (SBA) such as a doctor, nurse, or midwife	18111

Fig -Data Set report to approve.

**Note:** Once a data set report for a specified period is approved no updates can be done on the data. To make updates the data set report should be unapproved first.



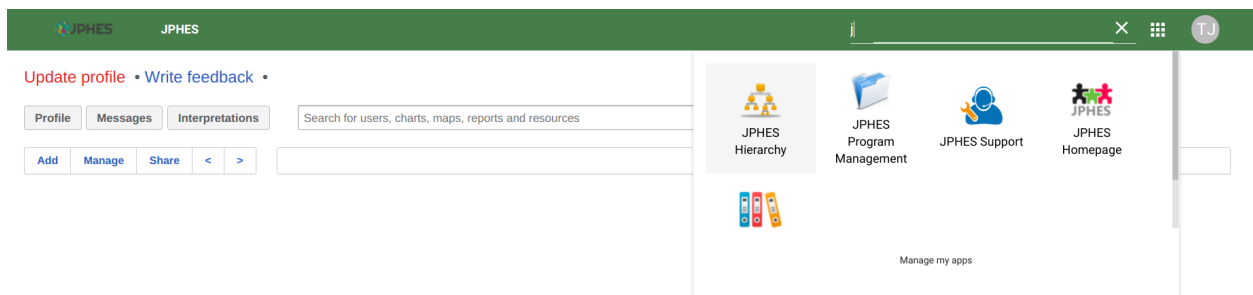


Have any queries or require any support? Let us know via the service desk.

### 11.1 To Access JPHEs Support

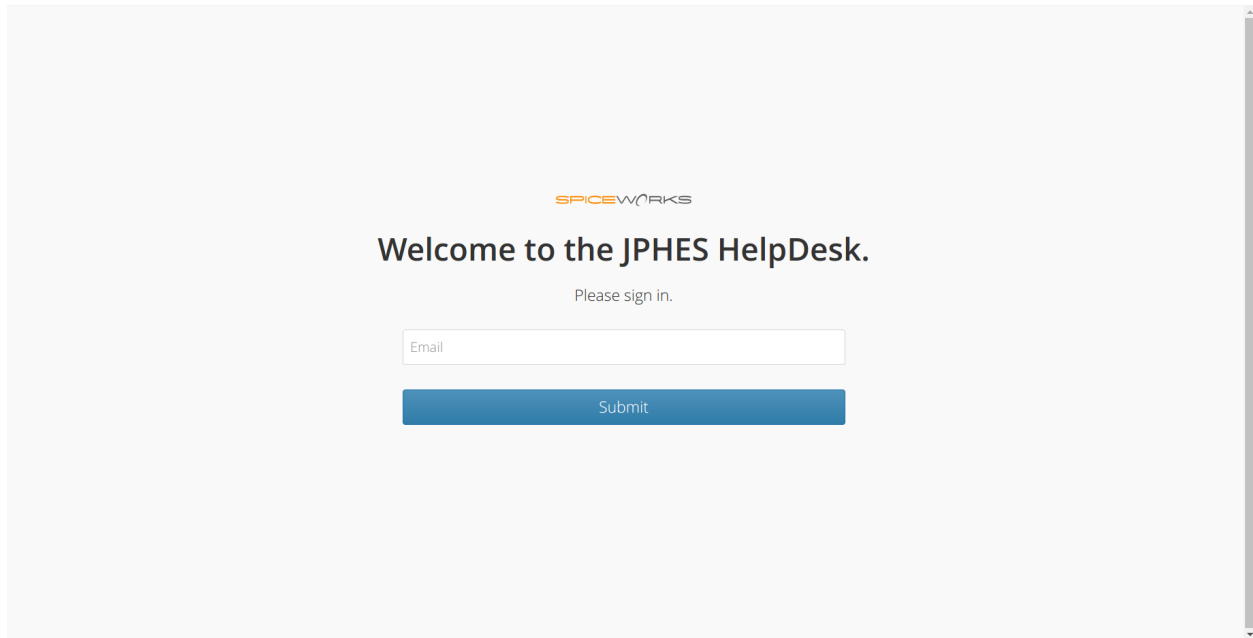
There are two ways of accessing the *JPHEs Servicedesk portal*:

1. On the *JPHEs landing page* , click on the JPHEs support icon.
2. When logged in JPHEs Portal, search for *JPHEs Support App* and click on it.



F.g - JPHEs Apps - (Support, Landing page, Documentation)

## JPHES Servicedesk login page



F.g - Login Page.

## 11.2 To Login

To create a ticket on the portal, you'll have to login.

- To login simply enter your email address (**preferably work emailaddress**), and click on the submit button.
- A login link will be sent to your email address.
- Login to your email, and open the email from *JPHES Support* (inside the mail sent).
- Click on the link to login to the portal.
- It will redirect you to the JPHES Support page.

F.g - JPHES Support Login link sent to your email after submitting your email.

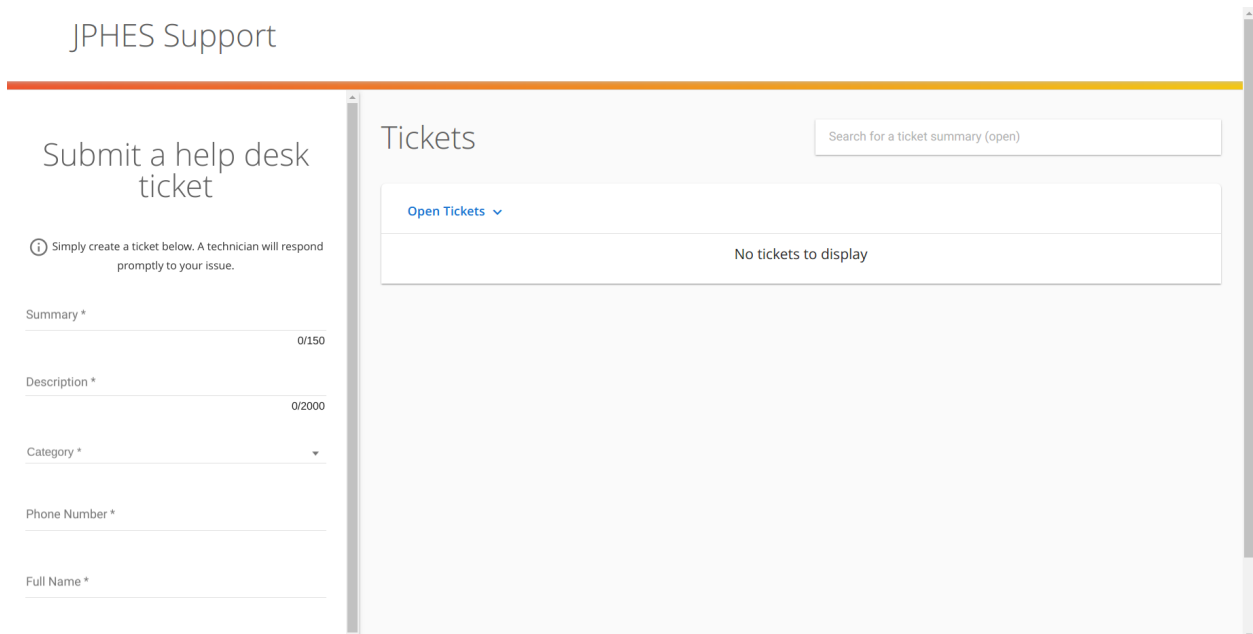
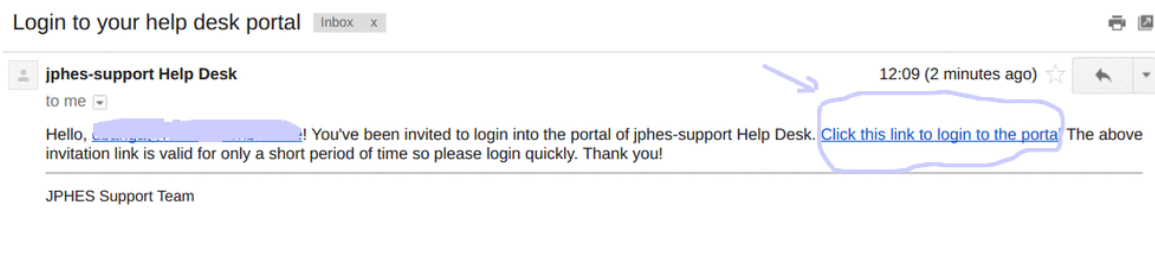
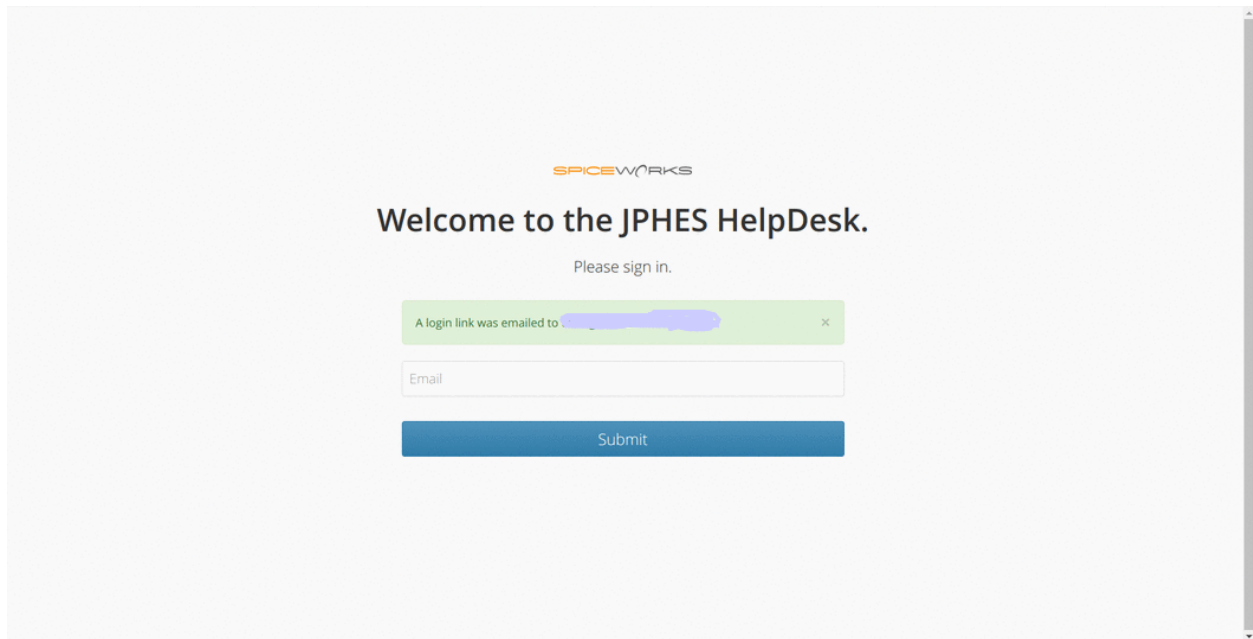
F.g - Sent Email with the login link.

F.g - JPHES Support page (when logged in).

## 11.3 What you can do?

Once you have logged in, there are serveral things you can do:

- Create an new ticket.
- Relpy to a response of an an earlier ticket.
- Close a ticket, if you're satisfied with the response.
- Access all tickets you have raised and their status.



Simply create a ticket below. A technician will respond promptly to your issue.

SUMMARY \*

Test Ticket

11/150

DESCRIPTION \*

I forgot my JPHES password.  
My username is peter@mechanisma.org  
Kindly reset.

78/2000

CATEGORY \*

General Support

PHONE NUMBER \*

0722

FULL NAME \*

Peter Test User

ORGANIZATION \*

Mechanism A

ATTACH FILE

SUBMIT

## Tickets

Search for a ticket summary (open)

Open Tickets ▾

No tickets to display

## Submit a help desk ticket

Simply create a ticket below. A technician will respond promptly to your issue.

Summary \*

0/150

Description \*

0/2000

Category \*

Phone Number \*

Full Name \*

Organization \*

## Tickets

Search for a ticket summary (open)

Open Tickets ▾

Test Ticket	Unassigned	#61
-------------	------------	-----

F.g Creating a ticket.

F.g List of tickets. (NB. Filter by status-Open or Closed).

### Submit a help desk ticket

**1** Simply create a ticket below. A technician will respond promptly to your issue.

Summary \* 0/150

Description \* 0/2000

Category \* ▼

Phone Number \*

Full Name \*

Organization \*

ATTACH FILE


## Tickets

Search for a ticket summary (open)

Open Tickets ▼

**Test Ticket** *Unassigned* #61

### Activity



I forgot my JPHEs password. My username is peter@mechanisma.org Kindly reset.

*a minute ago*

**ASSIGNEE** Unassigned

**CATEGORY** General Support

**CREATED** March 30, 2017

**ORGANIZATION** Mechanism A

**FULL NAME** Peter Test User

**PHONE NUMBER** 722

**PHONE NUMBER** 0722

**FULL NAME** Peter Test User

**ORGANIZATION** Mechanism A

CLOSE TICKET

Enter a comment... **SUBMIT**

F.g Ticket Detials.

### Submit a help desk ticket

**1** Simply create a ticket below. A technician will respond promptly to your issue.

Summary \* 0/150

Description \* 0/2000

Category \* ▼

Phone Number \*

Full Name \*

Organization \*

ATTACH FILE


## Tickets

Search for a ticket summary (open)

Open Tickets ▼


**Test Ticket** *HealthIT UoN* #61

### Activity



I forgot my JPHEs password. My username is peter@mechanisma.org Kindly reset.

*5 minutes ago*



Hi Peter, Received. Will share the new credentials shortly via sms. Regards, HealthIT \*Regards,\* \*Dennis\*

*HealthIT UoN a few seconds ago*

**ASSIGNEE** HealthIT UoN

**CATEGORY** General Support

**CREATED** March 30, 2017

**ORGANIZATION** Mechanism A

**FULL NAME** Peter Test User

**PHONE NUMBER** 722

CLOSE TICKET

Enter a comment... **SUBMIT**

F.g Ticket Response.

F.g Closed Ticket.

## JPHES Support

### Submit a help desk ticket

Simply create a ticket below. A technician will respond promptly to your issue.

Summary \* 0/150

Description \* 0/2000

Category \* ▼

Phone Number \*

Full Name \*

Organization \*

## Tickets

Search for a ticket summary (closed)

Closed Tickets ▼

Test Ticket

HealthIT UoN

#61

### Activity

I forgot my JPHES password. My username is peter@mechanisma.org Kindly reset.

7 minutes ago

Hi Peter, Received. Will share the new credentials shortly via sms. Regards, HealthIT \*Regards,\* \*Dennis\*

HealthIT UoN 2 minutes ago

Thanks. credentials received.

a few seconds ago

**ASSIGNEE** HealthIT UoN

**CATEGORY** General Support

**CREATED** March 30, 2017

**ORGANIZATION** Mechanism A

**FULL NAME** Peter Test User

**PHONE NUMBER** 722

REOPEN TICKET

### 12.1 System References

1. The DHIS2 user manual
2. The DHIS2 Implementer Guide
3. The Consistency and Concurrency Between the KePMS and DHIS2
4. JPHES Core Source Code

### 12.2 Reporting Guidelines

1. Indicator Narrative Revision (23rd March2017) (**Archived**)
2. Indicators Narrative - (Summarized Rev. May2017) (**Archived**)
3. Indicators Narrative (Detailed Rev. May2017) (**Archived**)
4. FH Indicator and Data Source List (Rev. March2018 - Latest) (**Updated 28/01/2020**)
5. Average FP Stockout Rate\_PPR Indicator Brief (22/11/2019) (**New**)
6. FH Indicator, Data Source and Description (17/08/2021 - Latest) (**New**)
7. FH Indicator and Data Source Presentation (Rev. August2021 - Latest) (**New**)

## 12.3 Reporting Timelines

Activity	Period
Performance Data Entry	5th - 18th of Every End of Quarter
KHIS-PHES Data Pull and Attribution	18th of Every End of Quarter
Narrative Reporting	19th-22nd of Every End of Quarter
USAID Data Review and Clarifications	22nd-30th of Every End of Quarter
Data Submission-(Approval)	30th of Every End of Quarter
Reporting Closure	30th of Every End of Quarter

## 12.4 Presentations and Other Resources

1. PHES-Data Management (Panafric Presentation) 10/02/2017
2. PHES Resources (23-24) March 2017 Training
3. PHES Review Presentation 23rd June 2017
4. PHES-Training Program (18th and 19th Jan 2018)
5. PHES-Training Presentation (18th and 19th Jan 2018)
6. Online Learning
7. IPSL Template (19th Jan 2019)
8. Family Health APR Meeting-JPHES Presentation(27th and 28th Nov 2018)-
9. FH Indicator, Indicator Descriptions and Data Source Presentation (August2021 - Latest)
10. PHES Important Documents shared in 2021

## 12.5 Data Import API

- JPHES Data Import API Tutorial (PDF)
- Data Import Template and Sample(XLSX)

## 12.6 Reporting Status Monitor & Data Approval

- Reporting Status
- Data Approval Status

## 12.7 IPSL

- IPSL 2021Q3- HTML View (Latest **01st July 2021** )
- IPSL 2021Q3 CSV (Latest **01st July 2021** )