


SOP: INTEGRATED DATA WAREHOUSE NAVIGATION & USER ACCESS MANAGEMENT

Last Revision: July 2023

	<p>Requirements:</p> <ul style="list-style-type: none"> ✓ Good Internet connectivity <p>Objective:</p> <p>By the end of the session the learners should be able to navigate the sections of the DWH</p>
Description	Illustration
 <p>Accessing Data Warehouse (Task):</p> <p>Access the integrated national data warehouse by entering the correct website address provided: https://dwh.nascop.org The default landing page is “HOME.”</p> <p>Audience: HCW’s, Implementing Partners, Agencies, Facilities, MOH</p> <p>Clearing Cache To refresh DWH dashboards click on Clear Cached Data button.</p>	
PART A: How to navigate the warehouse	
	<p>Once the home page is launched, navigate to any of the main sections: i.e.</p> <ol style="list-style-type: none"> Home Reporting rates HIV Testing & Prevention HIV treatment

- v. PMTCT RRI
- vi. Resources

1. Data warehouse interface arrangement:

The data warehouse is divided into different main groups of dashboards. Under each category, there are context specific tabs available under each group:

The screenshot displays the 'Integrated Data Warehouse' interface. At the top, a navigation bar includes a logo, the title 'Integrated Data Warehouse', and a set of tabs: 'Home', 'Reporting Rates', 'HIV Testing & Prevention', 'HIV Treatment', 'PMTCT RRI', and 'Resources'. A red box highlights these tabs. To the right of the tabs is a 'Clear Cached Data' link. Below the navigation bar, a secondary bar shows 'HOME' and 'HMIS STATISTICS'. The main area contains several filter dropdowns: 'County' (Select County), 'Sub-County' (Select Sub-County), 'Facility' (Select Facility), 'Partner' (Select Partner), 'Agency' (Select Agency), 'Gender' (Select Gender), and 'Age Group' (Select Age Group). At the bottom, three large cards display key statistics: 'CURRENT ON ART as at Jun 2023' with a value of 1,190,351; 'ELIGIBLE FOR VL' with a value of 1,177,729 and a 99% indicator; and 'VALID VIRAL LOAD' with a value of 878,939 and a 75% indicator.

Category	Value	Indicator
CURRENT ON ART as at Jun 2023	1,190,351	
ELIGIBLE FOR VL	1,177,729	99%
VALID VIRAL LOAD	878,939	75%

CARE & TREATMENT HIV TESTING SERVICES

REPORTING RATES

County Sub-County Partner Agency Period
Select County Select Sub-County Select Partner Select Agency From To

Indicator Definitions

- Expected Uploads: The number EMR sites that are anticipated to send an upload.
- Overall Reporting Rates: The proportion of EMR sites that sent uploads in a given month.
- Consistency of reporting: The proportion of EMR sites that submitted a report every month to the data warehouse within the preceding 3 months, i.e., The consistency of reporting in June 2022 is the proportion of EMR facilities that submitted each report to the NDW in April, May and June 2022.

2,046

1,776 87%

1,602 78%

Download facilities not reporting

Download facilities reporting

Download facilities not consistent

Overview & Reporting Rates

1. Overview

Home

Highlights:

- Aggregates for specific national HIV indicators
- Welcome note
- Highlights of the month

Interactive map of

Indicators:

- EMR sites
- Current on ART
- Valid viral load
- VL suppression

Reporting Rates

Care and Treatment Services

Basic Indicator Aggregates:

- Expected uploads
- Overall reporting rates
- Consistency of reporting

Reporting trends

dashboards:

- Overall reporting trends
- Trends in consistency of reporting
- Reporting rates by county
- Reporting rates by partner

HIV Testing Services

Basic Indicator Aggregates:

- Expected uploads
- Overall reporting rates
- Consistency of reporting

Reporting trends

dashboards:

- Overall reporting trends
- Trends in consistency of reporting
- Reporting rates by county
- Reporting rates by partner

HIV TESTING SERVICES UPTAKE

HIV TESTING SERVICES LINKAGE

PARTNER NOTIFICATION SERVICES

ART

HIV TESTING SERVICES UPTAKE

OVERVIEW

County Sub-County Facility Partner Agency Period
Select County Select Sub-County Select Facility Select Partner Select Agency From To

Indicator Definition:

- HIV Testing Services (HTS) Uptake \Rightarrow Number of unique individuals who are tested for HIV within a reporting period. This is based on the documented final result in eHTS.
- Positivity \Rightarrow Number of unique individuals whose HIV test results are positive divided by the number of unique individuals tested for HIV.

TOTAL PATIENTS TESTED

31,766

MALE TESTED

10,990 34.6%

FEMALE TESTED

20,776 65.4%

TOTAL POSITIVE

1,174 3.7%

MALE POSITIVE

452 4.1%

FEMALE POSITIVE

722 3.5%

HIV Testing & Prevention

1. HIV Service Uptake

Basic Indicator Aggregates:

- Expected uploads
- Overall reporting rates
- Consistency of reporting
- Trends in reporting rates

Reporting trends dashboards:

- Overall reporting trends
- Trends in consistency of reporting
- Reporting rates by county
- Reporting rates by partner

2. HIV Testing Linkage

Reporting Indicator Aggregates:

- Total positive
- Total linked
- Male positive
- Male linked
- Female positive
- Female linked

Reporting trends dashboards:

- HTS linkage by month
- HTS linkage by age group & sex
- HTS linkage by pop type
- HTS linkage by strategy
- HTS linkage by entry point
- HTS linkage by county
- HTS linkage by partner

3. Partner Notification Services

Basic Indicator Aggregates:

- New HIV+ patients
- Sexual contacts elicited
- Sexual contacts tested
- Sexual contacts positive
- Sexual contacts linked

Reporting trends dashboards:

- PNS cascade contacts
- Characteristics of elicited sexual contacts
- Contacts' knowledge of HIV status
- Characteristics of sexual contacts who tested +ve
- Trends in sexual contact testing & positivity
- PNS contribution to total positive
- Sexual contact testing & positivity by county
- Sexual contact testing & positivity by partner

Partner Notification Services:

- Children elicited
- Children tested
- Children positive
- Children linked

Family testing dashboards:

- Cascade of family testing of children
- Trends in family testing of children & positivity

NEWLY STARTED ON ART CURRENT ON ART ART OPTIMIZATION ADVERSE EVENTS - AE DSD VL MONITORING TREATMENT OUTCOMES DTZ CIV COVID-19 ART VERIFICATION

NEWLY STARTED ON ART

County Sub-County Facility Partner Agency Period
Select County Select Sub-County Select Facility Select Partner Select Agency PeriodGender Age Group
Select Gender Select Age Group

Indicator Definition

- Newly started on ART => Number of patients who were started on ART within the month of June 2023

NEWLY STARTED ON ART

MALES STARTED ON ART

FEMALES STARTED ON ART

Care & Treatment Services

1. Newly Started on ART

Basic Indicators:

- Total newly started on ART
- Adults newly started on ART (15+ yrs)
- Males started on ART
- Children started on ART (<14 yrs)
- Females started on ART
- Adolescents started on ART (10-19 yrs)

Dashboards:

- Trends of newly started on ART
- New on ART distribution by group & sex
- Median time to ART start by year of ART start
- Median time to ART start by county
- Median time to ART start by partner
- Time from diagnosis to ART start among newly diagnosed patients by year of ART

2. Current on ART

Basic Indicators:

- Total current on ART
- Verified and current on ART
- Not verified and current on ART

Dashboards:

- Current on ART verified vs not verified
- Verified and current on ART by age group & sex
- Children <15 yrs on ART and verified
- Adults >15 yrs on ART and verified
- Verified and current on ART distribution by county
- Verified and current on ART distribution by partner

3. ART Optimization

Adults | CALHIV

- On First line
- On Second line
- On Third line
- On Undocumented line
- Adults on TLD
- Adults on NVP based regimen

Dashboards:

- Adult/CALHIV distribution of regimen lines
- Adult/CALHIV proportion by regimen
- Adult distribution of regimen line by gender
- CALHIV regimen distribution based on weight bands
- CALHIV regimen distribution based on age bands
- Adult distribution of TLE/TLD among newly started on ART by county
- Adult distribution of TLE/TLD among newly started on ART by partner
- Adult overall TLD uptake
- Adult TLD uptake by age and sex among current on ART
- Adult TLD uptake by age and sex among current on ART by county
- Adult TLD uptake by age and sex among current on ART by partner

Care & Treatment Services

4. Adverse Events

Basic Indicators:

- Adult (15+) /Children currently on ART
- Adult (15+) /Children currently on ART and developed AEs
- Number of AEs cases reported among adult (15+) and children

Dashboards:

- Children <15 on ART and developed AEs
- Adult 15+ on ART and developed AEs
- Severity grading of AEs
- AEs actions by severity
- Reported AEs with severity levels
- Reported causes of AEs
- Adverse events actions by drugs

5. DSD

Basic Indicators:

- Current on ART
- Patients on MMD
- Stable patients
- Patients on ART <1 yr
- Patients with HVL
- Patients with poor adherence

Dashboards:

- DSD cascade
- Distribution of MMD models among current on ART
- MMD uptake by stability status
- MMD uptake by sex
- MMD uptake practices by age group
- MMD uptake among current on ART by county
- MMD uptake among current on ART by partner

6. VL Monitoring

VL Uptake

- Current on ART
- Eligible for VL
- Valid VL
- Uptake and suppression among current on ART
- Median time to 1st VL after initiation
- Median time to 1st VL after initiation by county/partner
- VL uptake by sex/age group
- VL uptake by county /partner

VL Outcomes:

- LDL / HVL/Low level viremia
- Overall VL outcomes
- VL outcomes by sex
- VL suppression (<400cpm) by age group
- VL outcomes by regimen
- VL suppression by county/partner
- 6month VL outcome by year of ART start
- 12month VL outcome by year of ART

VL outcomes unsuppressed

- VL cascade for unsuppressed (>1000cpm) for last 12months
- No of HVL by facility

7. Treatment outcomes

Treatment Outcomes:

- Started ART
- Current on ART
- IIT/Dead/Transfer out
- Stopped ART
- Treatment outcomes by sex/age group
- Treatment outcomes by year of start ART
- Treatment outcomes by county/partner
- No of patients with undocumented outcomes by facility

Retention:

- Net cohort
- Current on ART
- IIT/Dead
- 3month retention by year of start ART
- 6month retention by year of start ART
- 12month retention by year of start ART
- 18month retention by year of start ART

2. Dashboard Filtering

The dashboards under each section represent overall national statistics. But this information can be filtered by County, Sub-County, Partner as shown here:

REPORTING RATES

OVERVIEW

County

Select County

Sub-County

Select Sub-County

Partner

Select Partner

Agency

Select Agency

Period


📅

Period

The dashboards can be filterd by a a cascade i.e. County and Sub-county. It can also be done on a single filed i.e. Partner. Select the partne by clicking the drop down and selecting the correct partner name. This will cause all the dashboards on the current page to refresh and show the data relevant to the selected partner.

3. Using the tabs

For each section, there are tabs provided for related groups of dashboards. Click the title of each tab to navigate and view its dashboards

Integrated Data Warehouse

Home

Reporting Rates

HIV Testing & Prevention

HIV Treatment

Resources

[Home](#) / [HIV Testing & Prevention](#)

HIV TESTING SERVICES UPTAKE

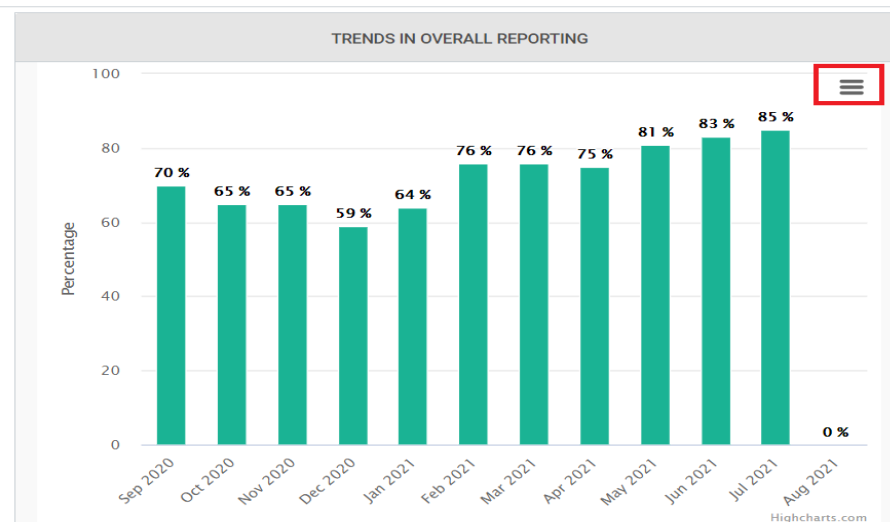
HIV TESTING SERVICES LINKAGE

PARTNER NOTIFICATION SERVICES

4. Using breadcrumbs

Breadcrumbs are simple navigational links that appear alongside objects on the webpage. They provide additional options available to the user to the users. This includes:

- Full screen viewing of objects
- Printing a single object
- Downloading object as image
- Downloading the aggregate data associated with the object.
- Viewing data table for the specific object.



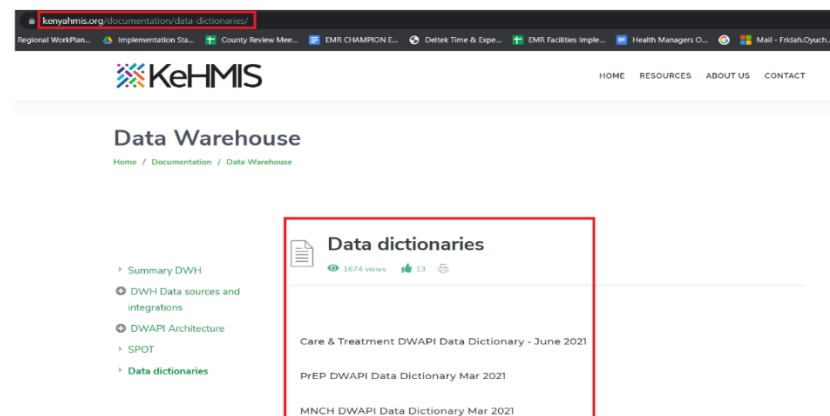
5. Accessing Capacity Building Resources through the Warehouse:

Data warehouse also provides link to all the KeHMIS product documents including capacity building contents and job aids.

Steps:

- Navigate to **Resources** Tab
- You will be redirected to KenyaHMIS website where you can access Data Dictionaries for DWH and other materials.

NB: The resources are available in video, PDF and PPT formats which you can download.



PART B: Using the Ad-Hoc section

Description:

- Ad-hoc section provides utilities for query customization and generation of custom reports/ datasets.
- The section allows us to get customized data for further analysis
- There are pre identified variables that one can select from

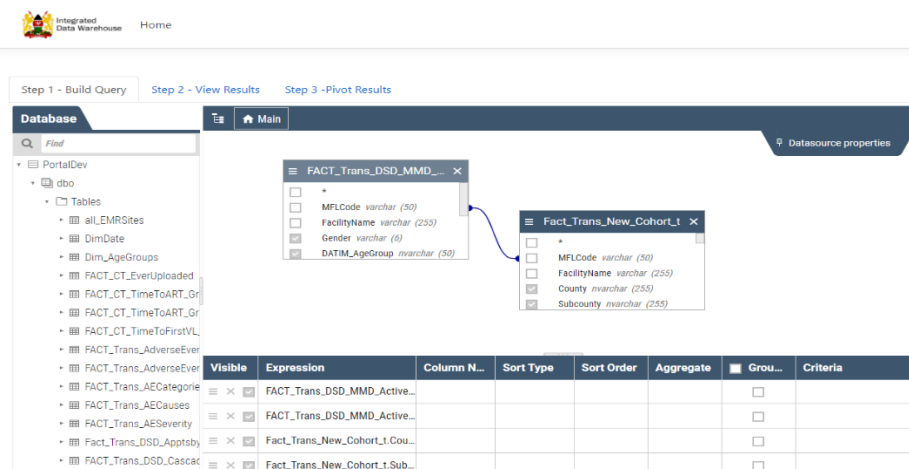
Key components include:

- Query builder
- Query result
- Pivots

NB: Refer [here](#) for content on how to use Ad-Hoc feature on Data warehouse

Click on Ad-Hoc Section to launch the page.

Warning: You must log in to access ad-hoc section



PART C: Data Warehouse Administration and User Management

Signing up for access:

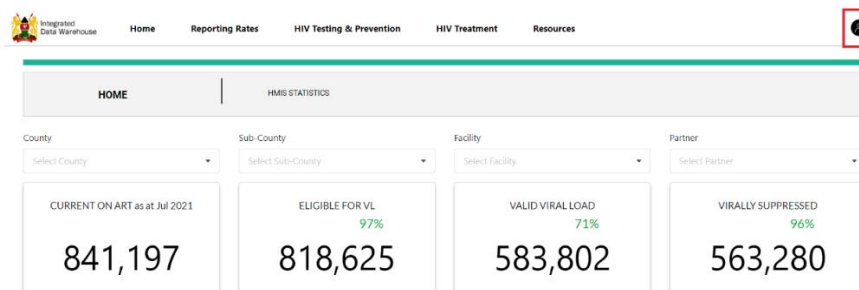
There are two basic functions of the administration Page

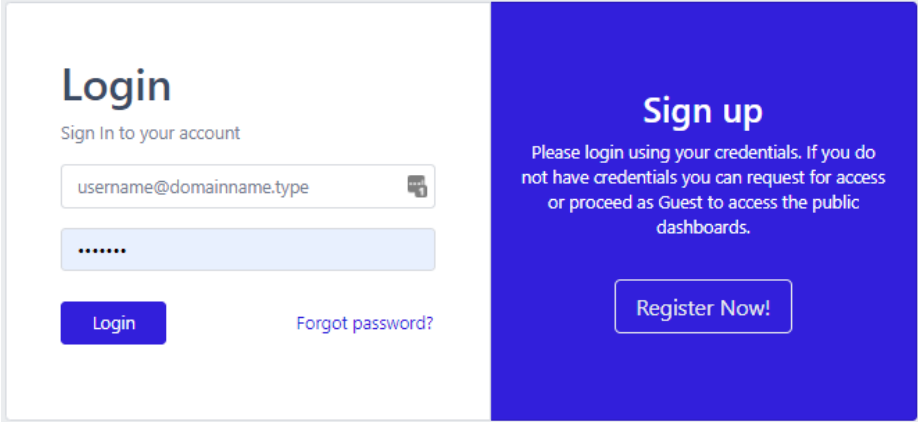
- Managing organizations
- User management

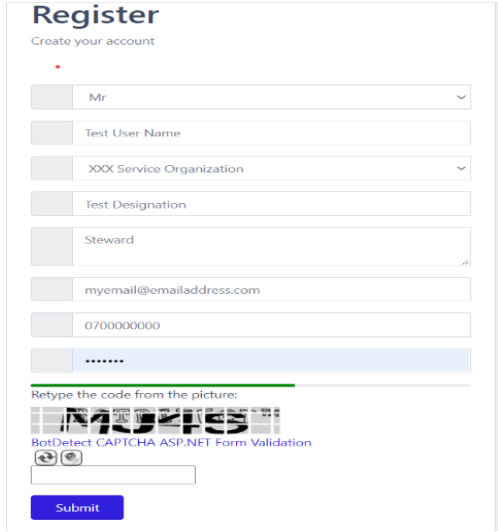
You must login as an authenticated user to access these functions. For unregistered users will need to sign up first.

Steps:

- Click user icon as shown on the diagram



	<p>ii. Select “Login” task as shown below. The login window will appear.</p>	
	<p>Signing up for access (cont...)</p> <ul style="list-style-type: none">- If you are already register, then you can proceed and enter your login details on the left side of the dialogue box. Otherwise click “Register Now” to sign up for your account.- If case you forgot your password, click on “Forgot password” link to reset.	

<p>New User registration</p> <ul style="list-style-type: none">- Specify the name, Organization, designation, Reason for Accessing, email address, phone number and the password. Remember to enter the CAPTCHA provided and click Submit.- An email will be sent to the email specified. Check your email and verify the email address to continue.- Once confirmed, another email will be sent to your Admin (Steward) to validate and grant you access.- Your Admin (steward) will validate you request and grant access.	 <p>The screenshot shows a 'Register' form titled 'Create your account'. It includes a dropdown for 'Mr', text inputs for 'Test User Name', 'Test Designation', and 'Steward', a dropdown for 'XXX Service Organization', an email input 'myemail@emailaddress.com', a phone input '0700000000', and a password input with a strength indicator. Below the password is a CAPTCHA section with the text 'Retype the code from the picture:' and a distorted image of the characters '7425453'. Below the CAPTCHA is a text input for the code and a 'Submit' button.</p>
	<p>For more information on user access and other related materials, refer to the references below:</p> <p>References:</p> <ul style="list-style-type: none">- National Data Warehouse Dashboard (kenyahmis.org)- How to use the adhoc feature on Data warehouse- User access management guide

THE END